

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 00:23:31 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

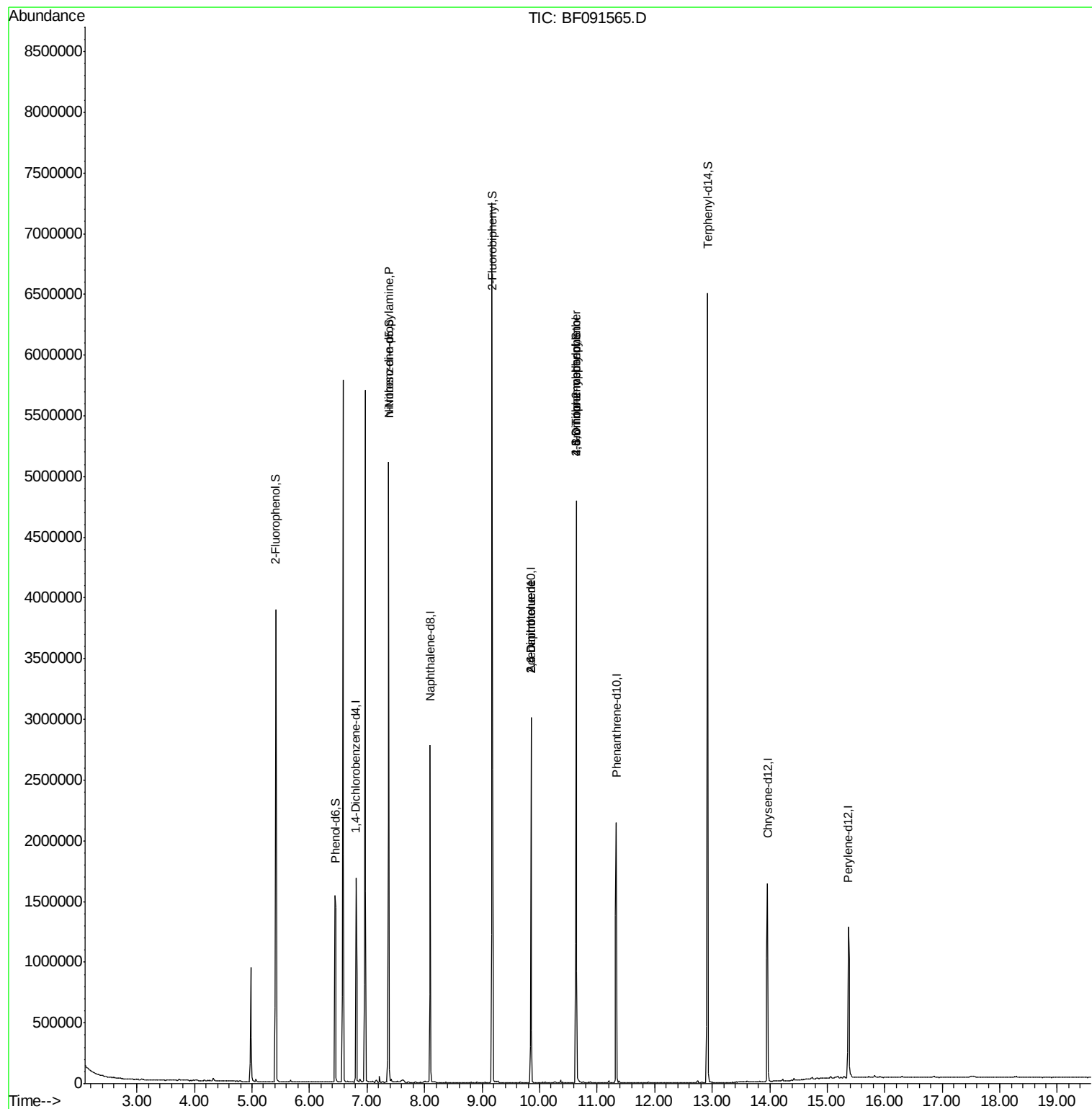
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	295751	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1239338	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	599553	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	984389	20.00	ng	0.00
75) Chrysene-d12	13.96	240	706164	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						
19) n-Nitroso-di-n-propylamine	7.38	70	248036	18.12	ng	# 65
20) 3+4-Methylphenols	7.16	107	228	Below Cal		# 7
50) 2,6-Dinitrotoluene	9.85	165	77559	9.31	ng	# 17
56) 2,4-Dinitrotoluene	9.85	165	77563	7.43	ng	# 33
57) Fluorene	10.40	166	1312	Below Cal		# 54
64) 4,6-Dinitro-2-methylphenol	10.64	198	1234	3.14	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	35112	3.48	ng	# 1

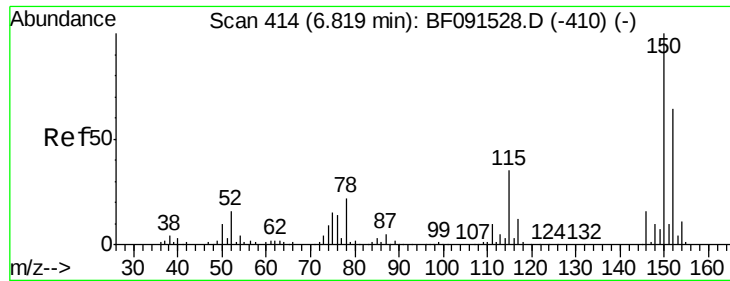
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 00:23:31 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

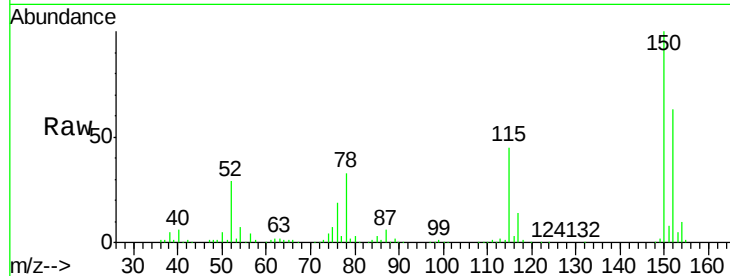




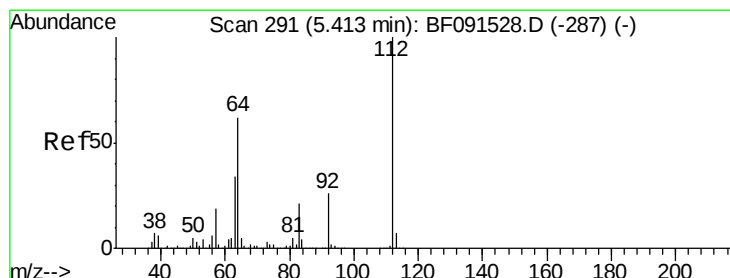
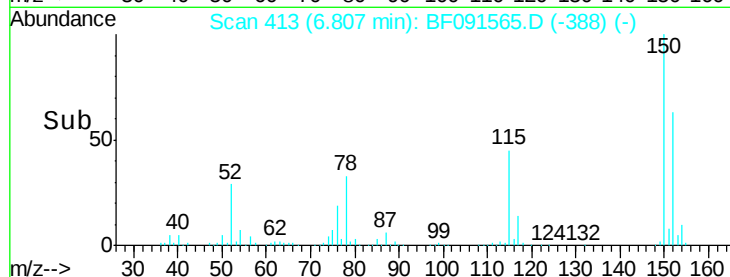
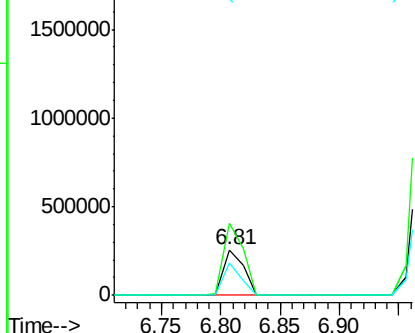
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF091565.D
 Acq: 13 Dec 2016 20:25

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

Tgt Ion:152 Resp: 295751
 Ion Ratio Lower Upper
 152 100
 150 158.9 122.5 183.7
 115 71.5 51.8 77.8

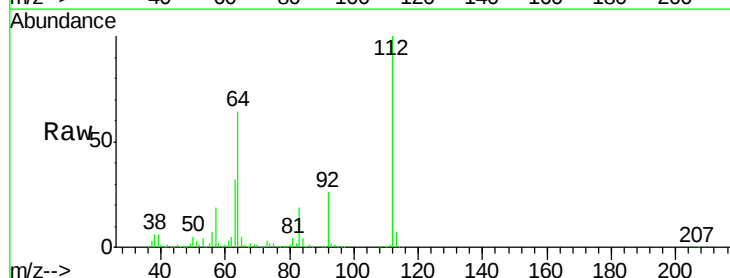


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

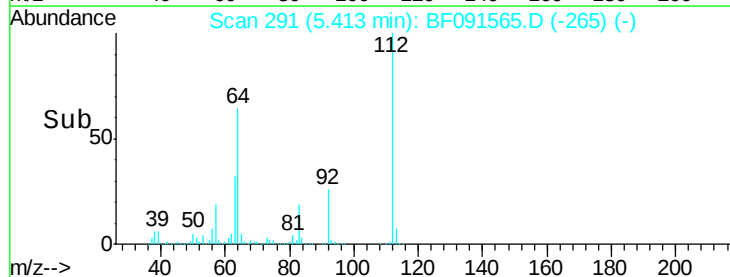
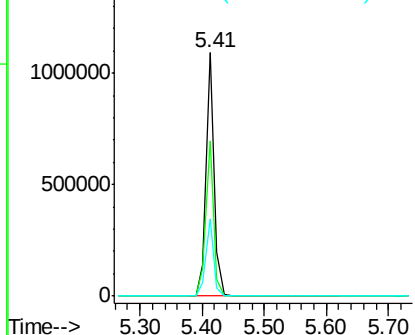


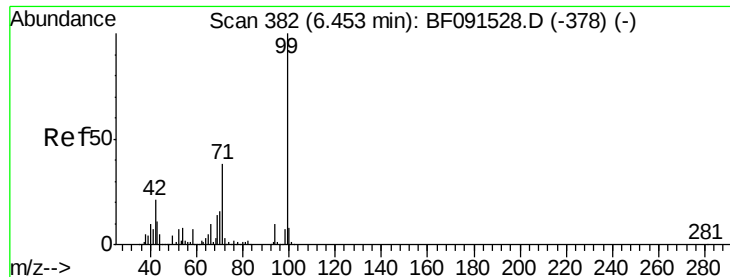
#5
 2-Fluorophenol
 Concen: 56.62 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF091565.D
 Acq: 13 Dec 2016 20:25

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

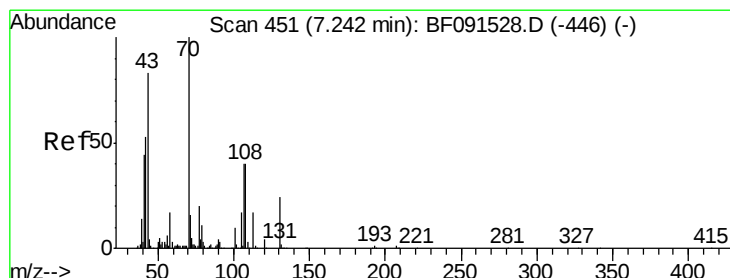
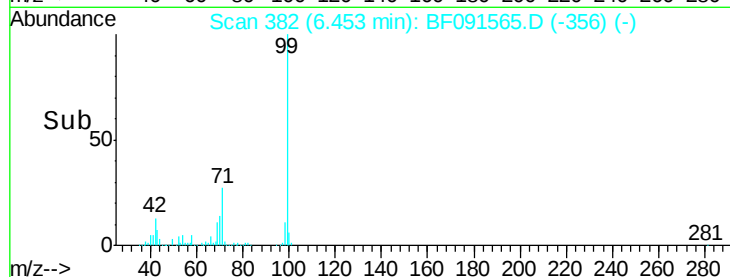
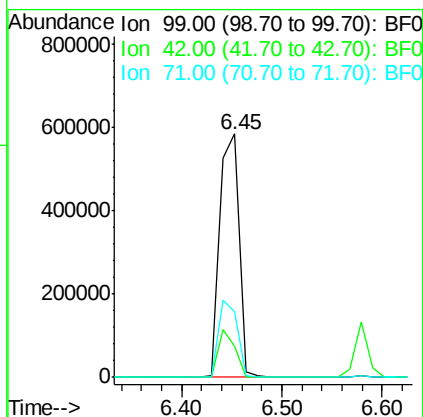
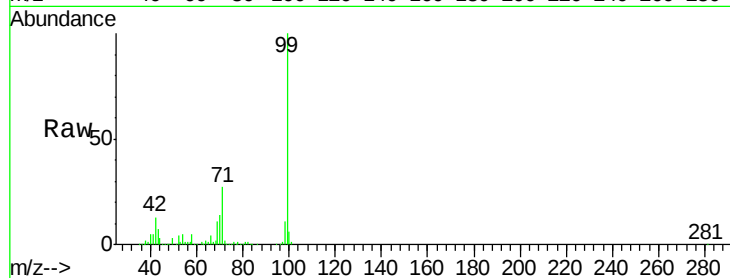
Tgt Ion: 99 Resp: 781006

Ion Ratio Lower Upper

99 100

42 12.9 20.6 31.0#

71 27.2 29.9 44.9#



#19

n-Nitroso-di-n-propylamine

Concen: 18.12 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

Tgt Ion: 70 Resp: 248036

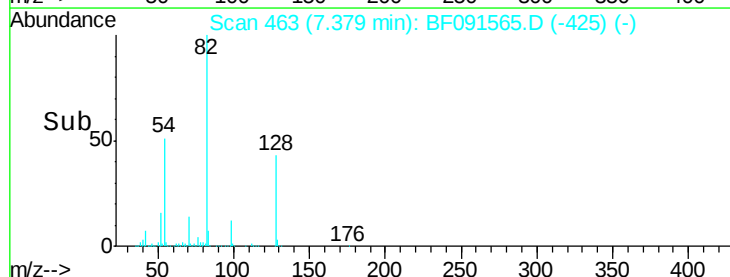
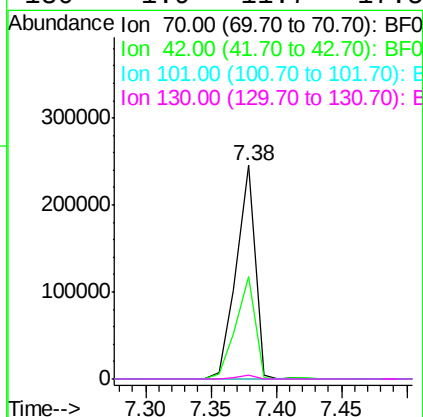
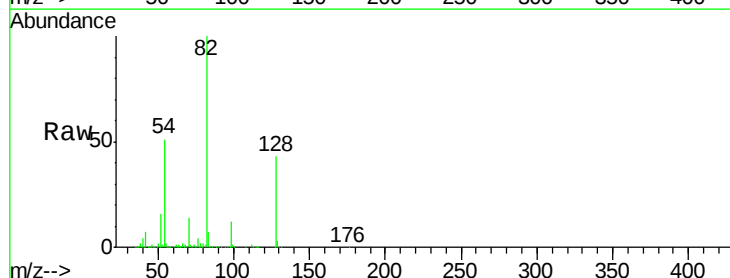
Ion Ratio Lower Upper

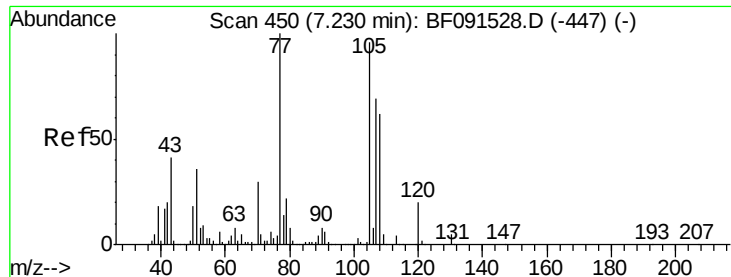
70 100

42 47.7 64.8 97.2#

101 0.0 6.2 9.4#

130 1.9 11.7 17.5#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.16 min Scan# 444

Delta R.T. -0.07 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-12-8-16

Tgt Ion:107 Resp: 228

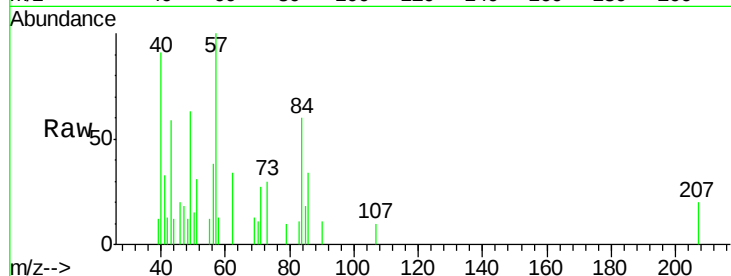
Ion Ratio Lower Upper

107 100

108 0.0 64.6 104.6#

77 0.0 30.9 70.9#

79 97.9 9.3 49.3#

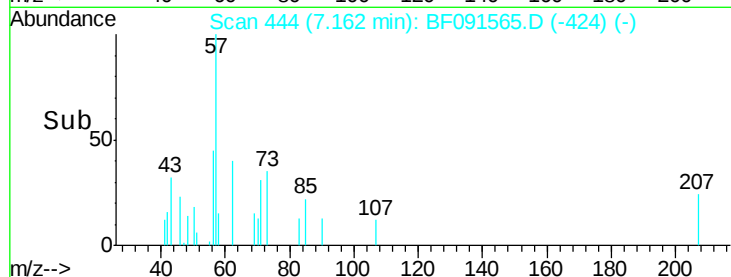


Abundance Ion 107.00 (106.70 to 107.70): E

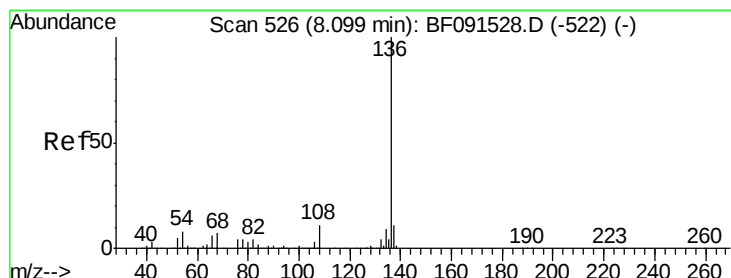
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#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

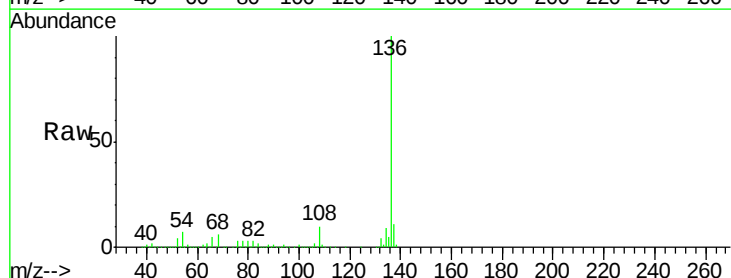
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.1 9.1 13.7#

68 5.7 5.9 8.9#

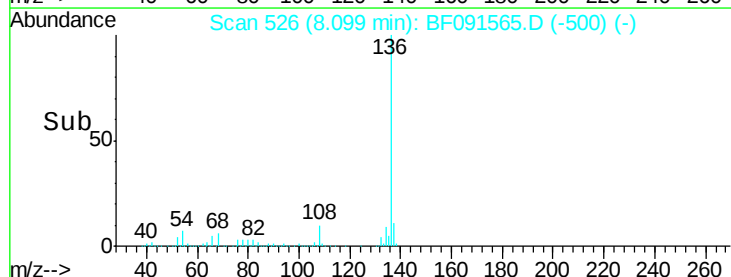


Abundance Ion 136.00 (135.70 to 136.70): E

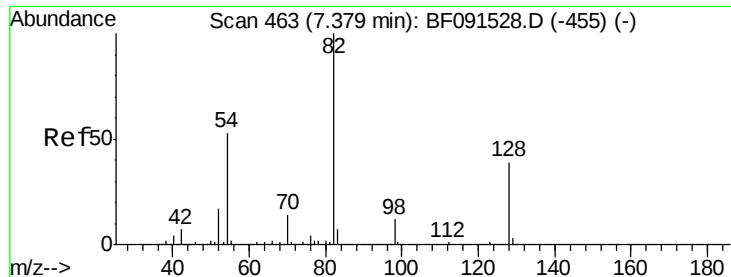
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



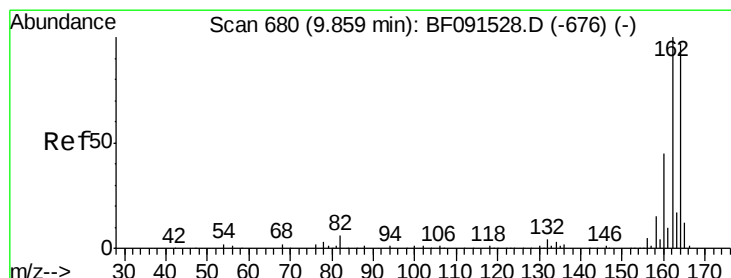
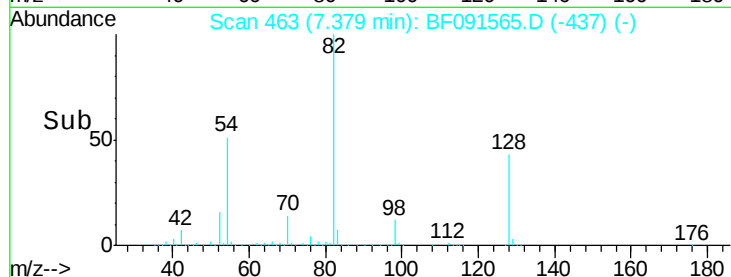
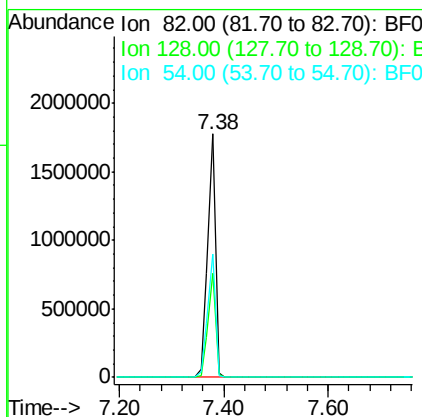
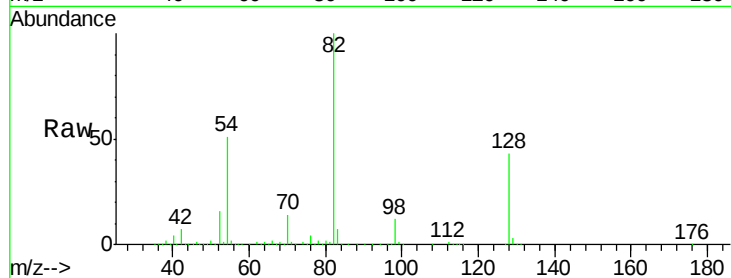
Time-->



#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

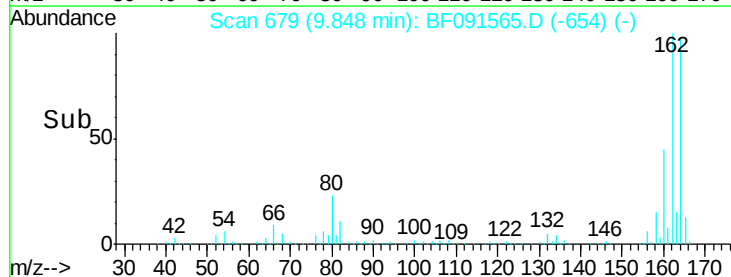
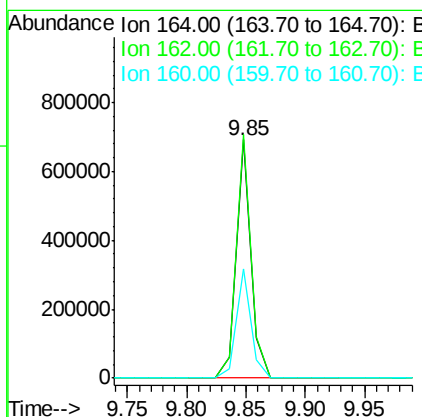
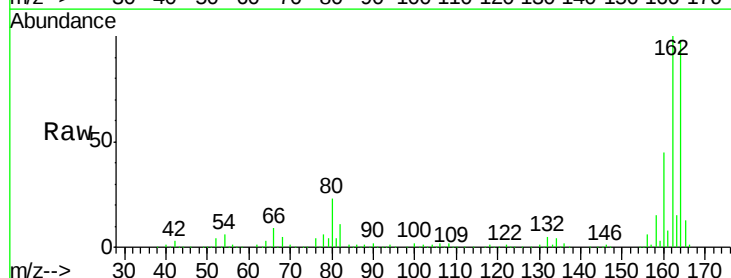
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-12-8-16

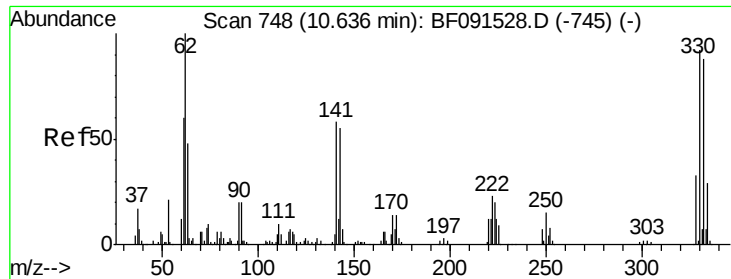
Tgt Ion: 82 Resp: 1812942
 Ion Ratio Lower Upper
 82 100
 128 42.9 31.8 47.6
 54 50.8 49.1 73.7



#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

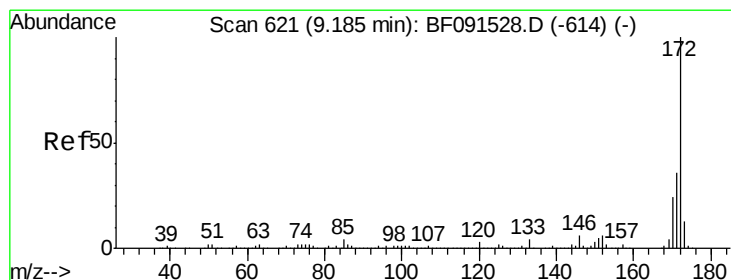
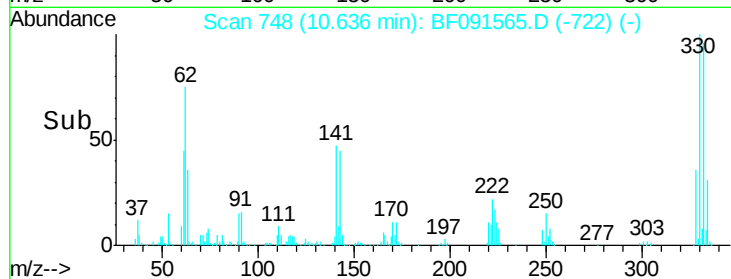
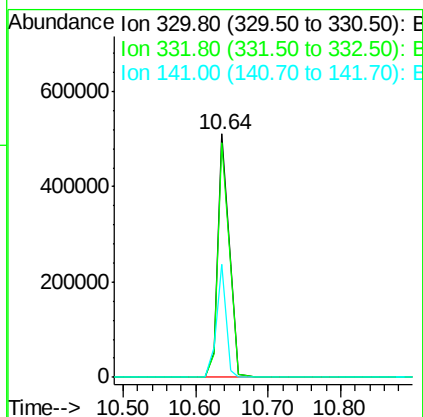
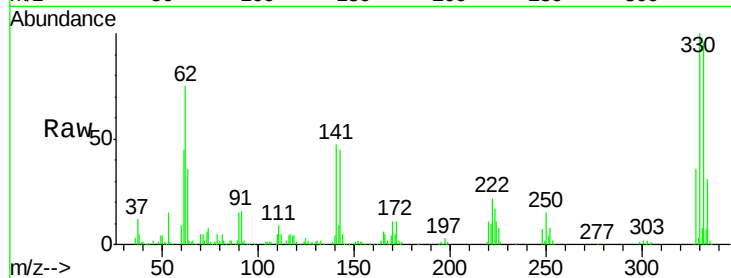




#41
 2,4,6-Tribromophenol
 Concen: 112.92 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091565.D
 Acq: 13 Dec 2016 20:25

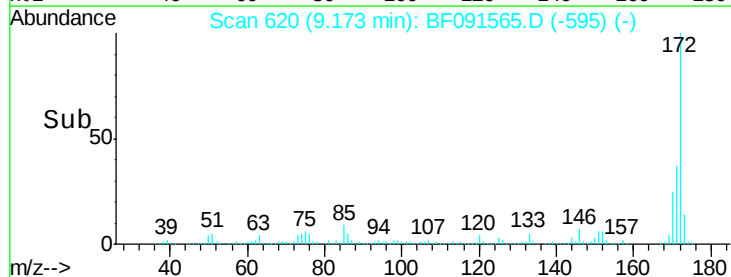
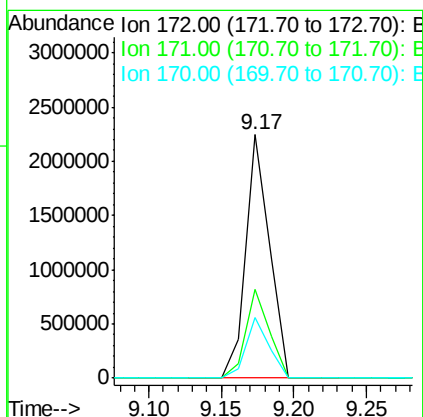
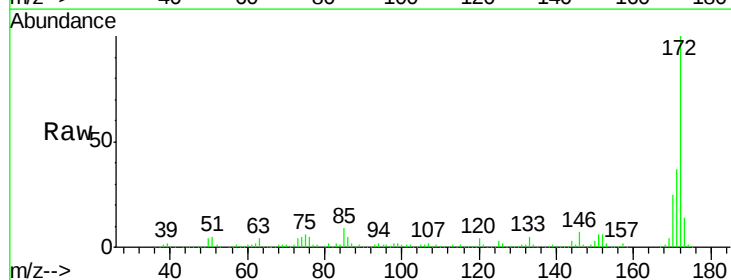
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-12-8-16

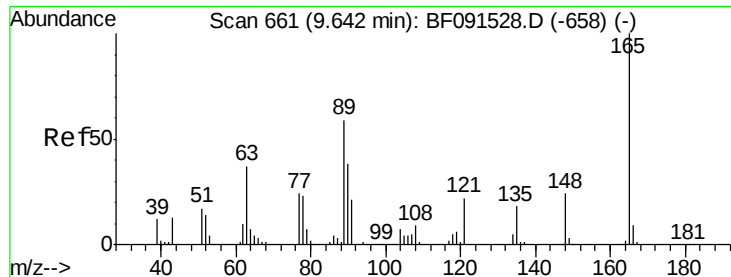
Tgt Ion:330 Resp: 562338
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 38.9 33.6 50.4



#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





#50

2,6-Dinitrotoluene

Concen: 9.31 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.21 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-12-8-16

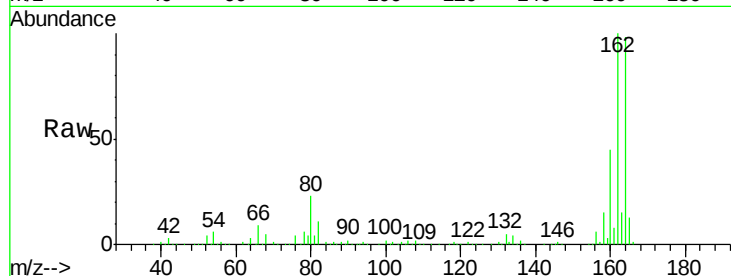
Tgt Ion:165 Resp: 77559

Ion Ratio Lower Upper

165 100

63 1.2 59.4 89.0#

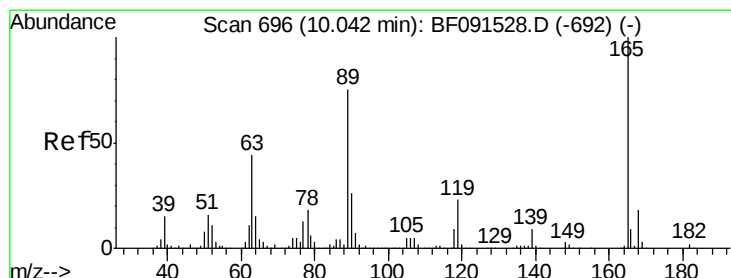
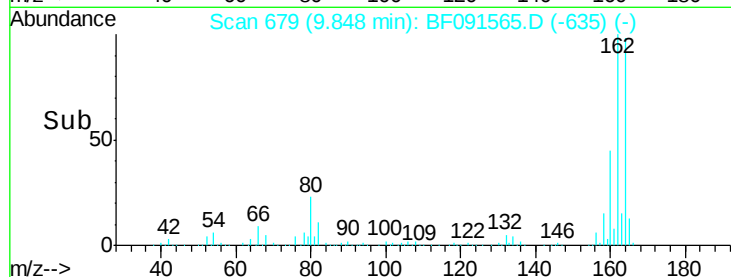
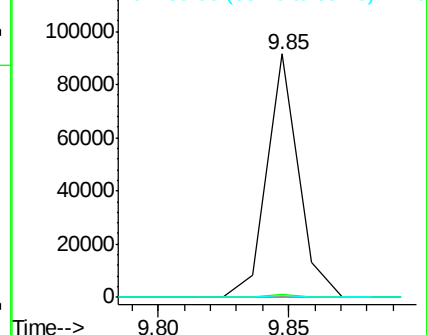
89 1.0 50.8 76.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.43 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.19 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

Tgt Ion:165 Resp: 77563

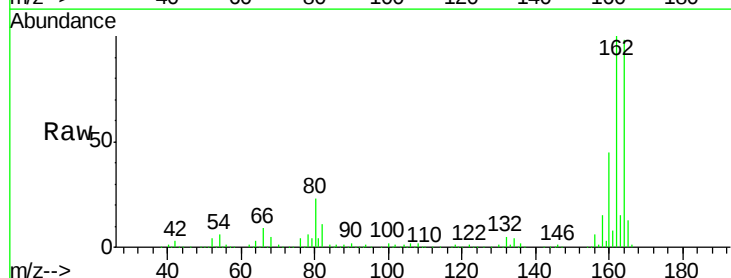
Ion Ratio Lower Upper

165 100

63 1.2 29.0 43.4#

89 1.0 43.1 64.7#

182 0.0 1.9 2.9#

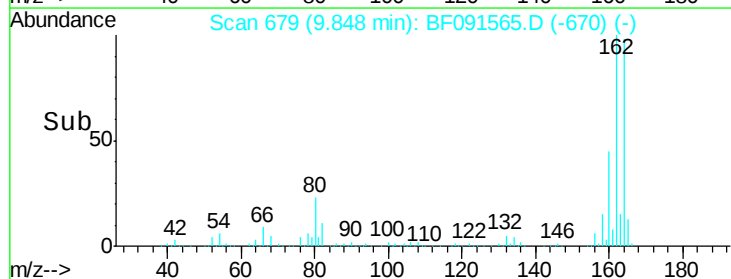
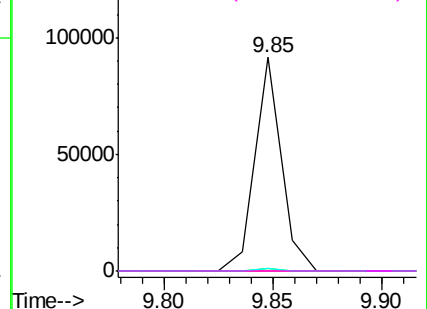


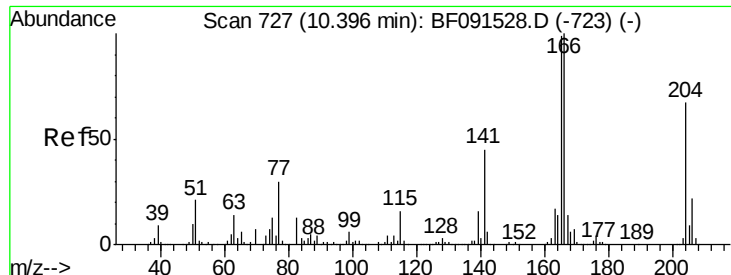
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

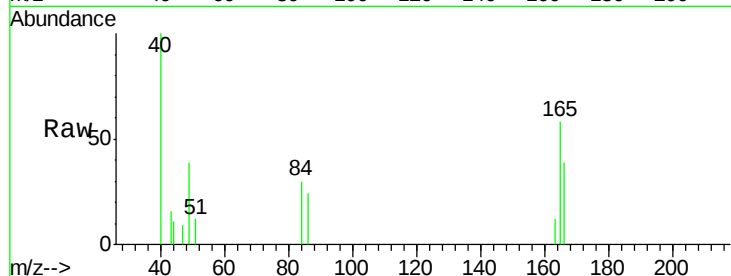




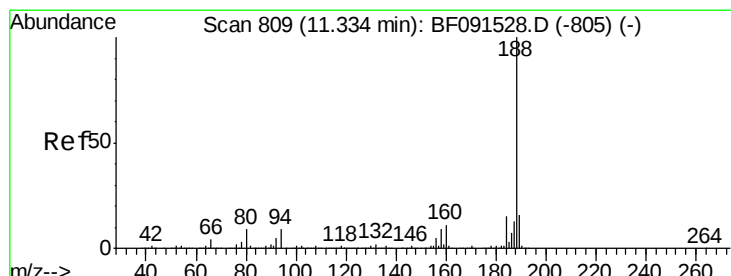
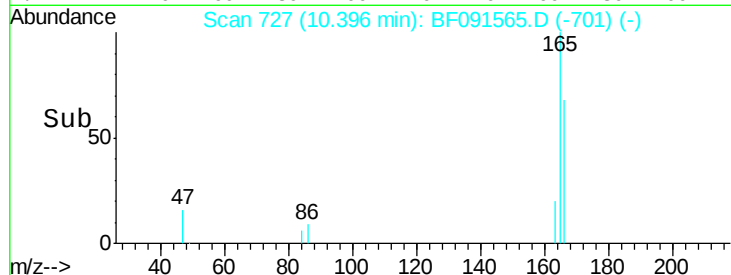
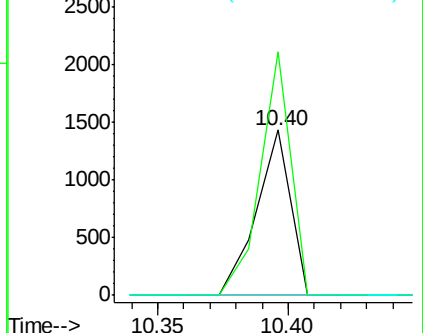
#57
 Fluorene
 Concen: Below Cal
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091565.D
 Acq: 13 Dec 2016 20:25

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

Tgt Ion:166 Resp: 1312
 Ion Ratio Lower Upper
 166 100
 165 147.2 80.0 120.0#
 167 0.0 10.8 16.2#

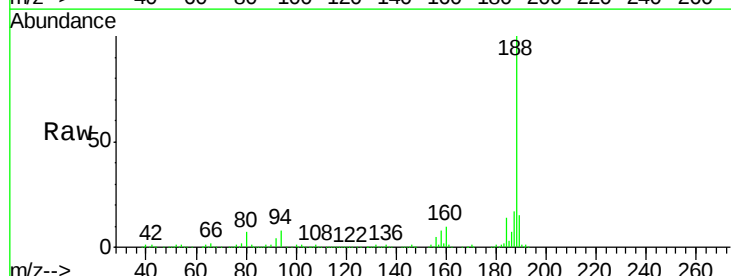


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

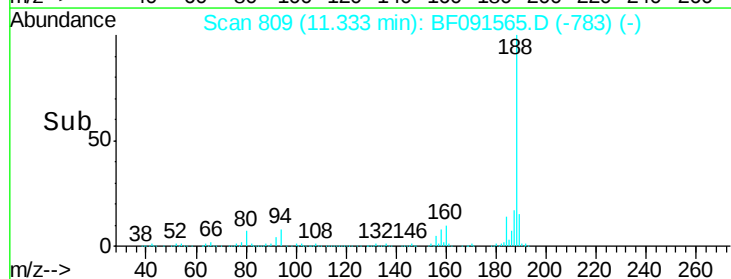
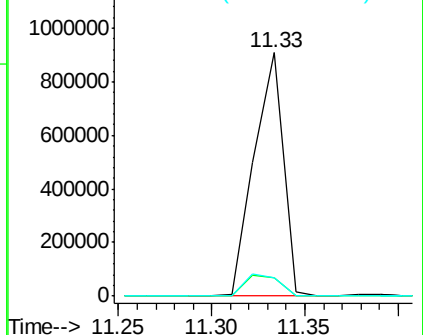


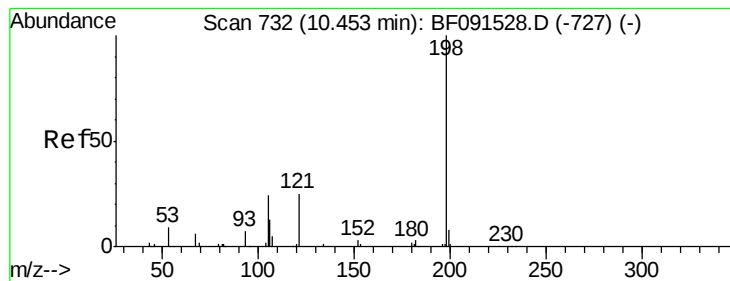
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF091565.D
 Acq: 13 Dec 2016 20:25

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





#64

4,6-Dinitro-2-methylphenol

Concen: 3.14 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.18 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-12-8-16

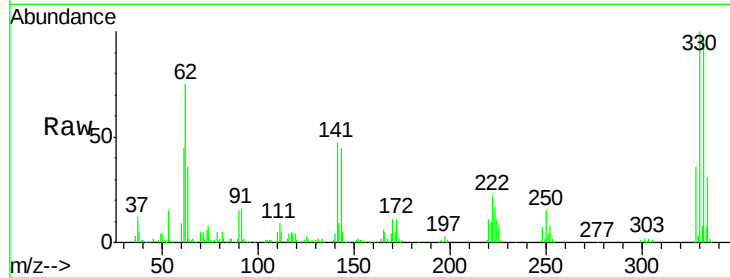
Tgt Ion:198 Resp: 1234

Ion Ratio Lower Upper

198 100

51 213.4 77.1 117.1#

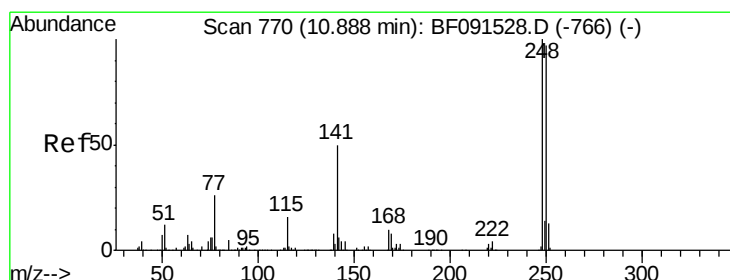
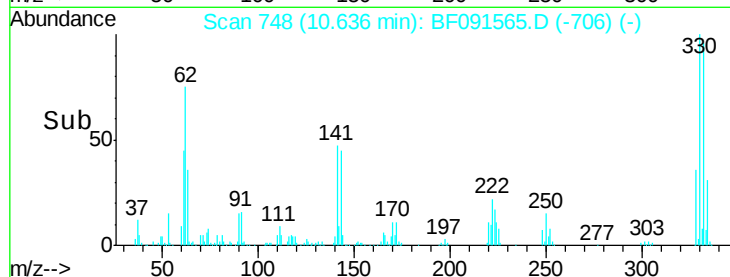
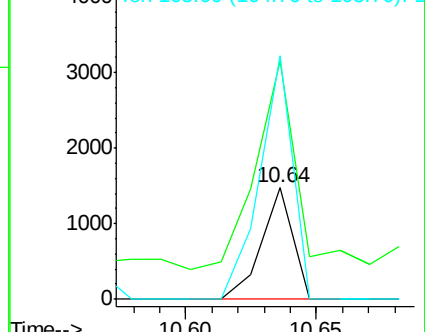
105 218.1 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.48 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.25 min

Lab File: BF091565.D

Acq: 13 Dec 2016 20:25

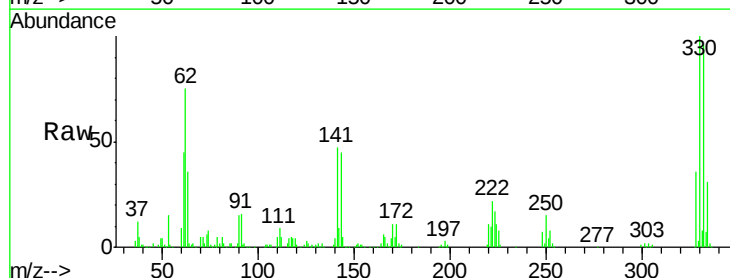
Tgt Ion:248 Resp: 35112

Ion Ratio Lower Upper

248 100

250 206.0 78.2 117.4#

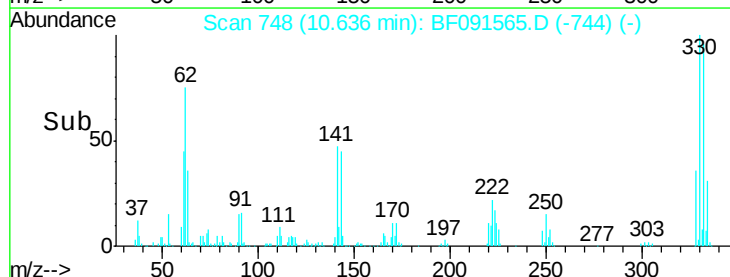
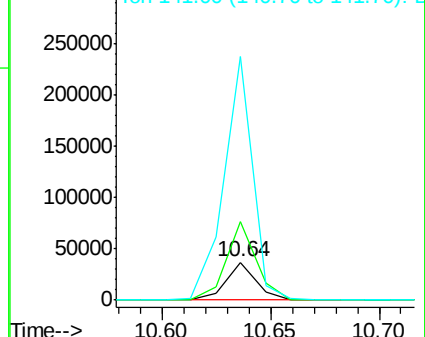
141 642.7 71.9 107.9#

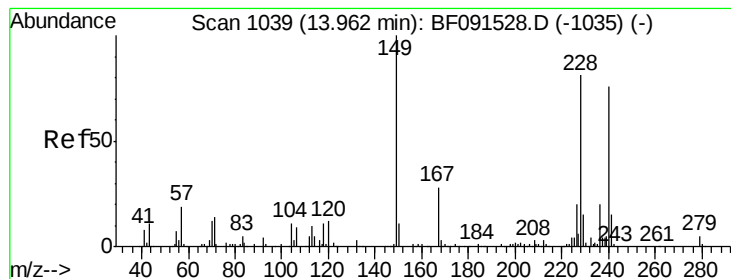


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-12-8-16

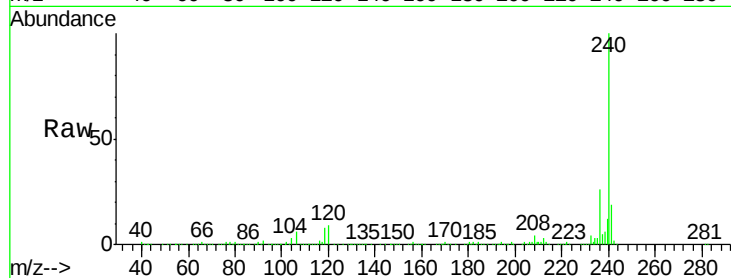
Tgt Ion:240 Resp: 706164

Ion Ratio Lower Upper

240 100

120 9.2 12.1 18.1#

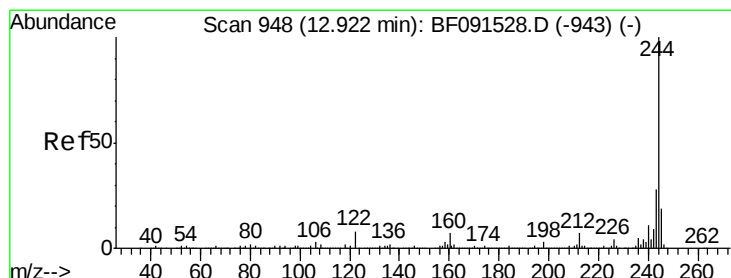
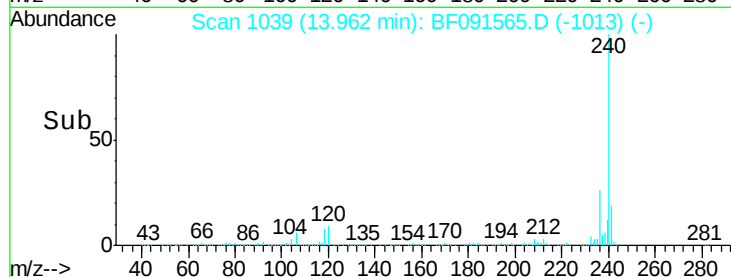
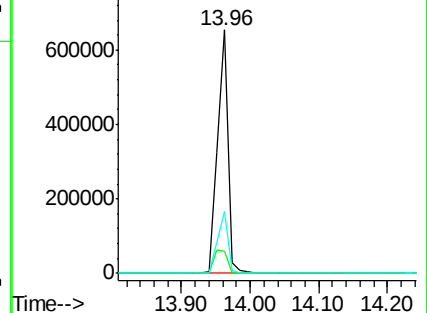
236 25.6 21.0 31.6



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: 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

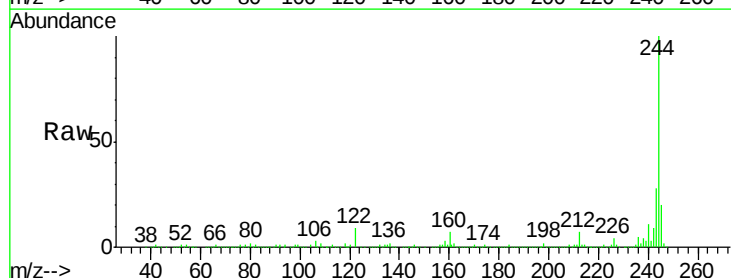
Tgt Ion:244 Resp: 2705308

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

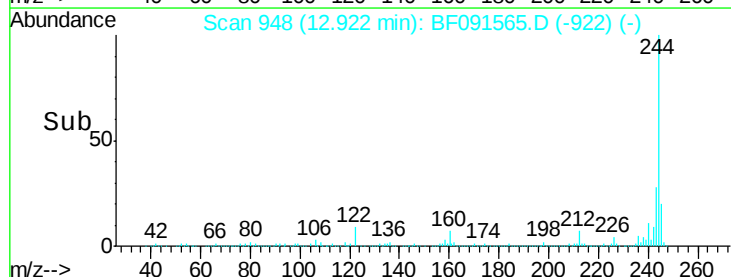
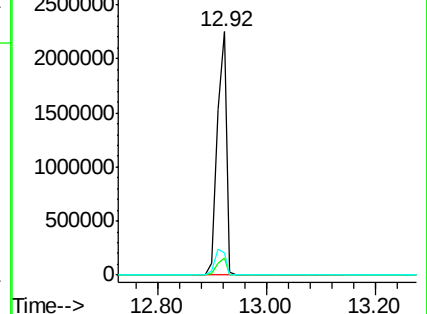
122 9.4 9.5 14.3#

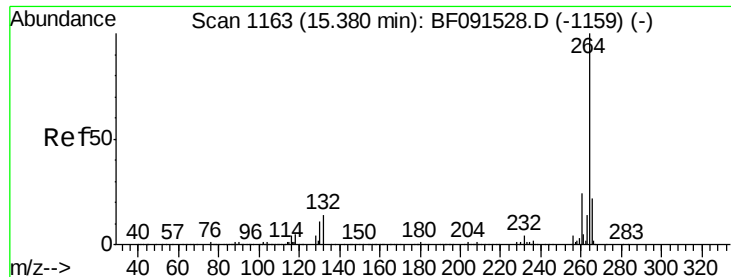


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#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

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

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

