

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081858.D
 Acq On : 28 Sep 2015 22:48
 Operator : UM/IZ
 Sample : G3704-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-15-15

Quant Time: Sep 29 04:41:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	143615	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	578319	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	276021	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	517093	20.00	ng	0.00
75) Chrysene-d12	14.10	240	451010	20.00	ng	-0.01
86) Perylene-d12	15.58	264	371150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	469525	59.35	ng	0.00
7) Phenol-d6	6.55	99	394172	39.60	ng	-0.01
23) Nitrobenzene-d5	7.50	82	857609	98.85	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	381203	136.37	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1697577	108.73	ng	0.00
78) Terphenyl-d14	13.05	244	1633822	142.76	ng	0.00

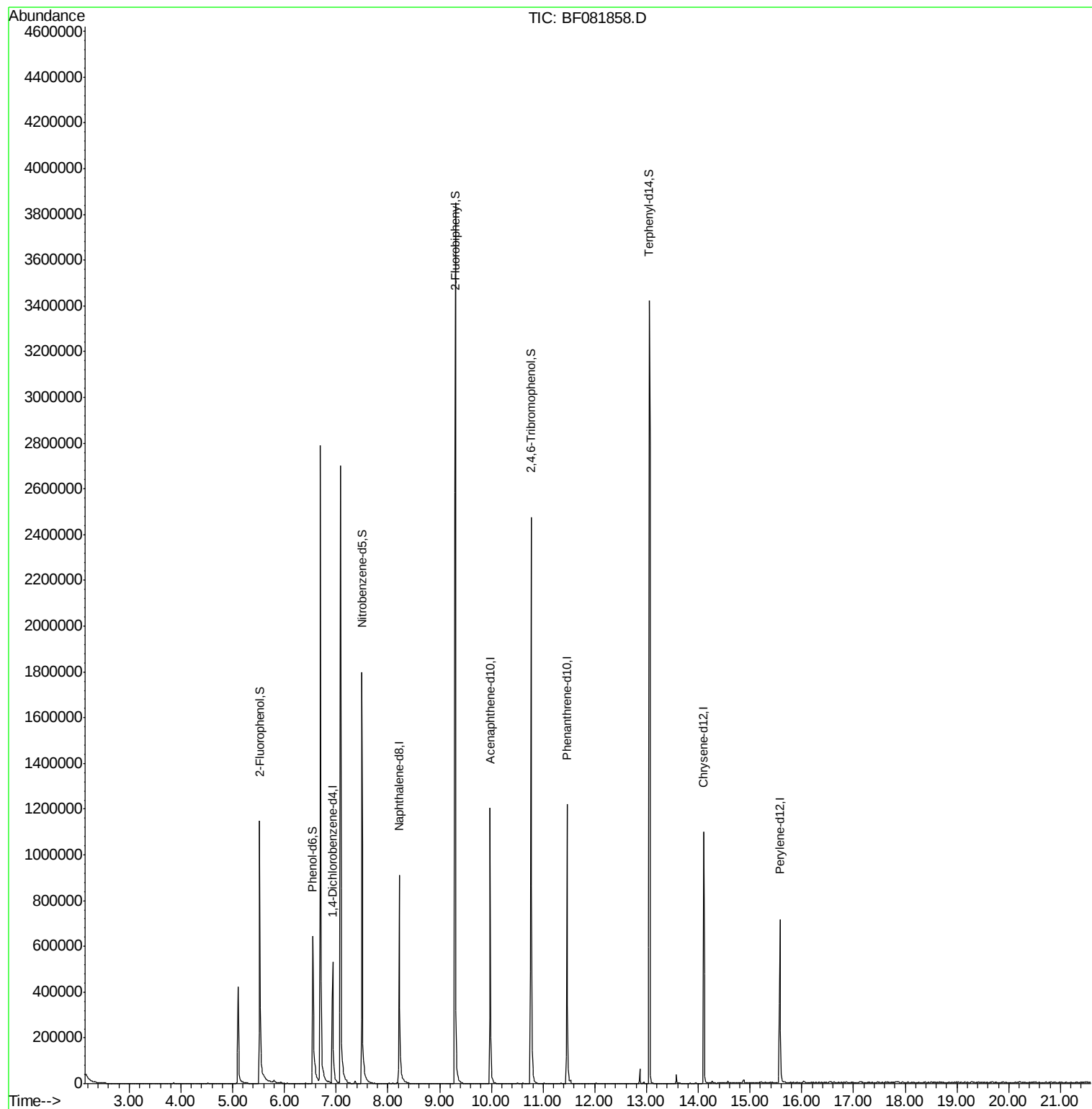
Target Compounds Qvalue

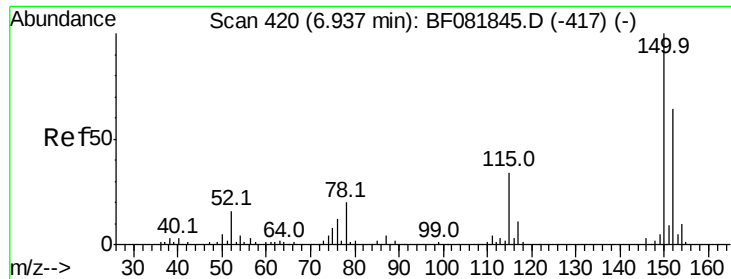
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081858.D

Acq: 28 Sep 2015 22:48

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-15-15

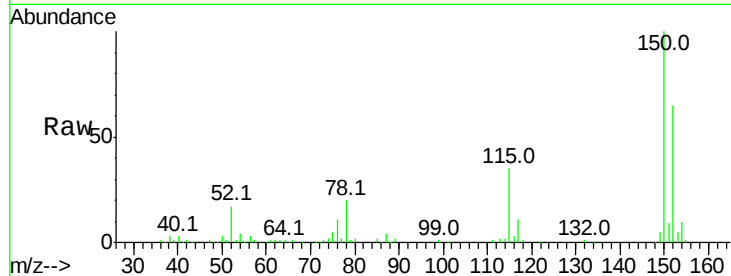
Tot Ion:152 Resp: 143615

Ion Ratio Lower Upper

152 100

150 154.9 124.7 187.1

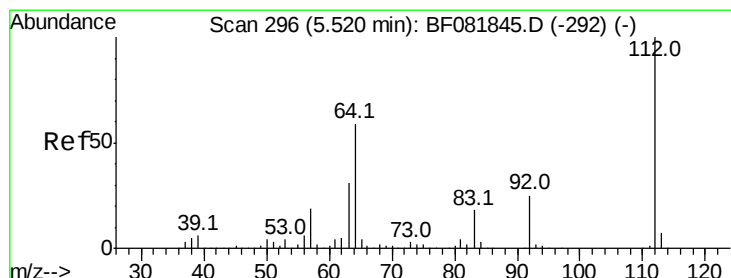
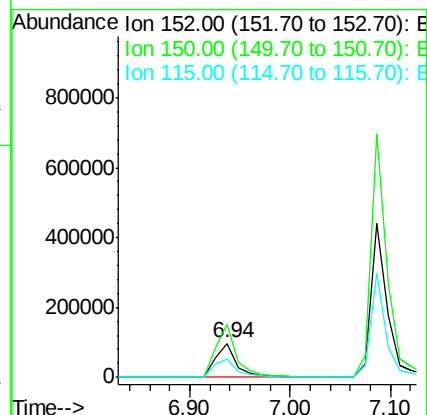
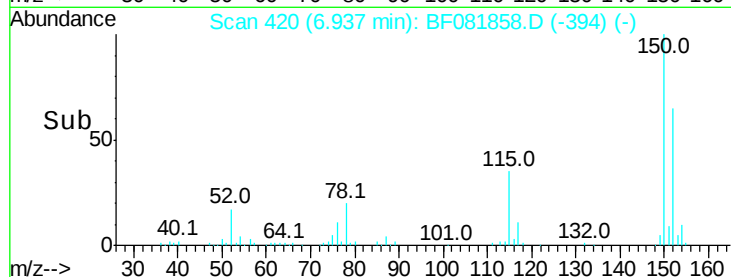
115 54.1 39.0 58.4



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: 59.35 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081858.D

Acq: 28 Sep 2015 22:48

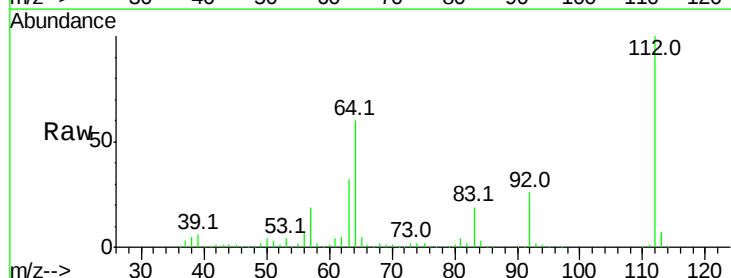
Tgt Ion:112 Resp: 469525

Ion Ratio Lower Upper

112 100

64 59.9 39.7 59.5#

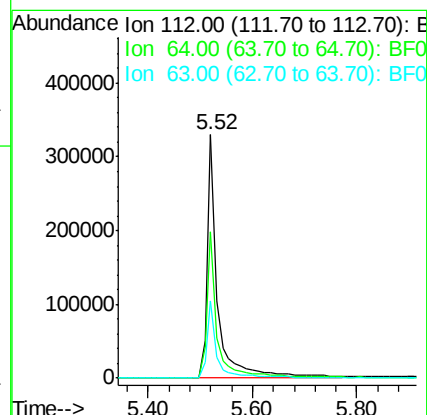
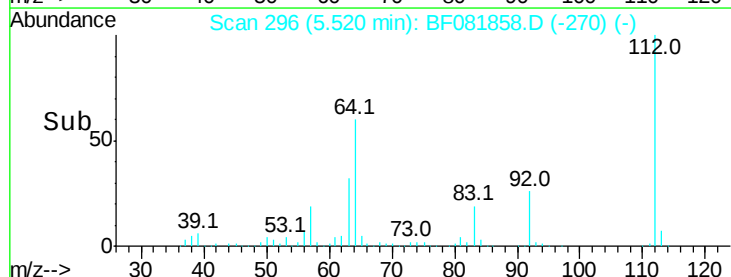
63 31.9 17.4 26.0#

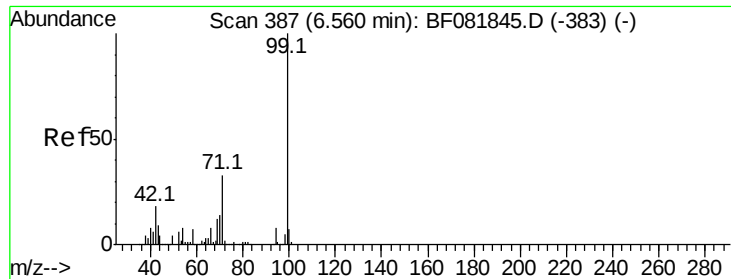


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.60 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081858.D

Acq: 28 Sep 2015 22:48

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-15-15

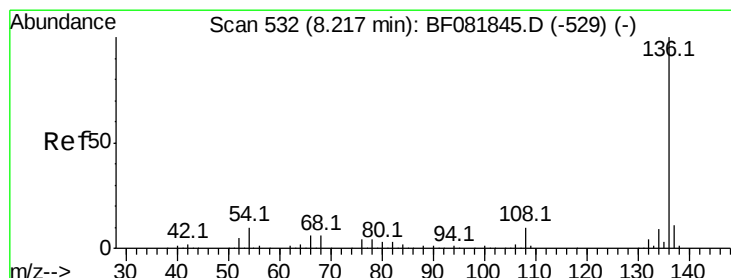
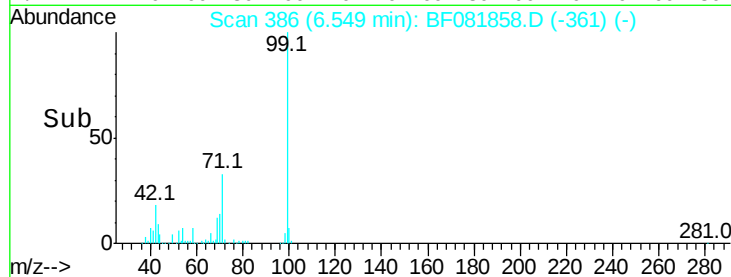
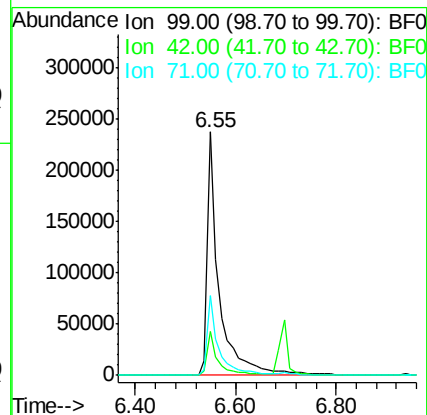
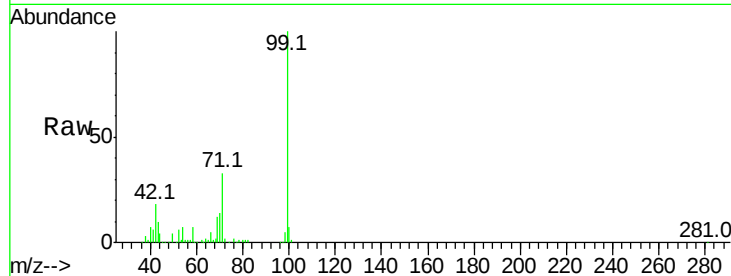
Tot Ion: 99 Resp: 394172

Ion Ratio Lower Upper

99 100

42 17.9 13.7 20.5

71 32.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081858.D

Acq: 28 Sep 2015 22:48

Tgt Ion: 136 Resp: 578319

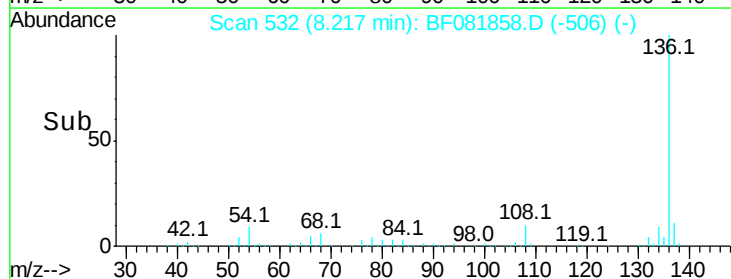
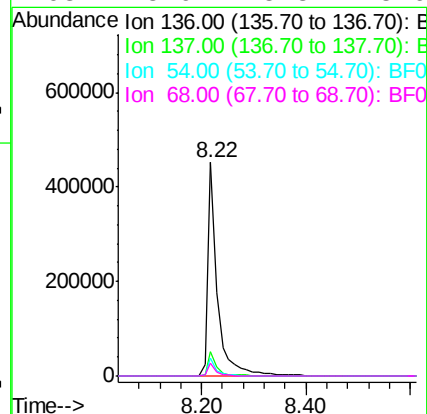
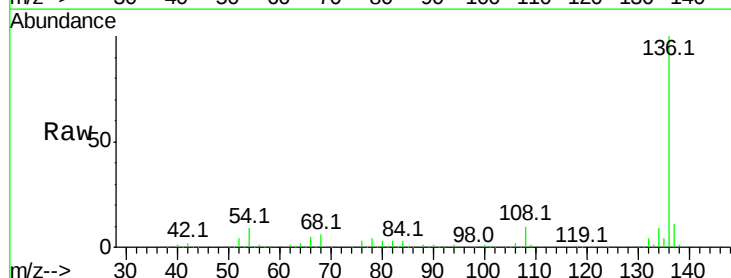
Ion Ratio Lower Upper

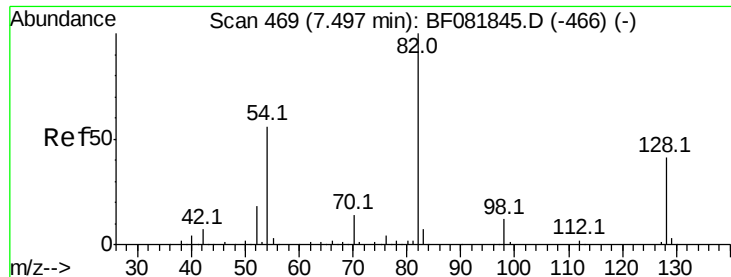
136 100

137 11.3 9.0 13.6

54 8.6 8.2 12.2

68 5.9 5.8 8.6

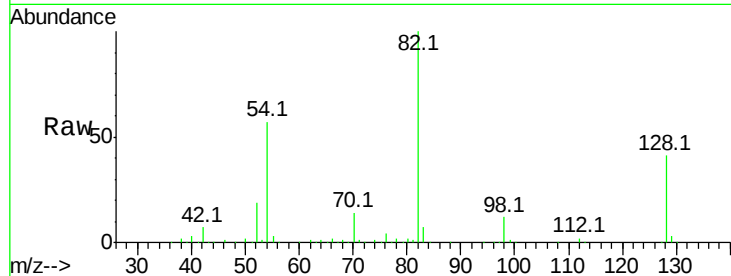




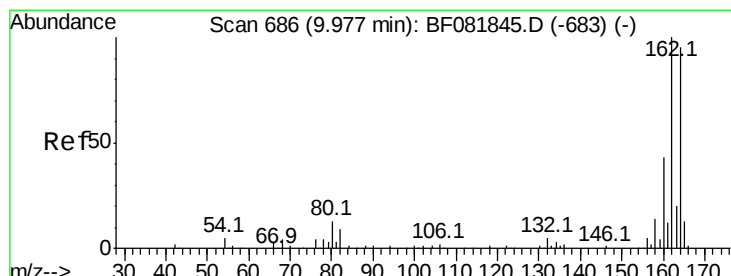
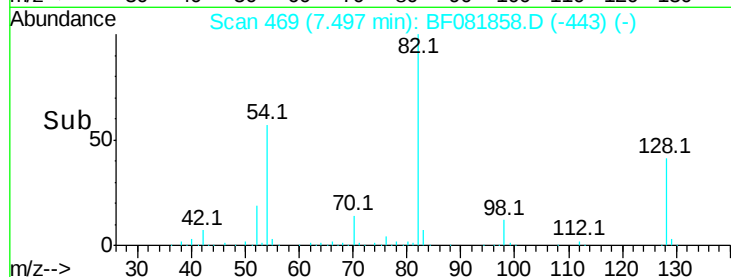
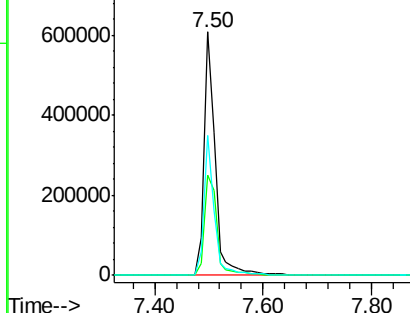
#23
 Nitrobenzene-d5
 Concen: 98.85 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081858.D
 Acq: 28 Sep 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-15-15

Tot Ion: 82 Resp: 857609
 Ion Ratio Lower Upper
 82 100
 128 41.4 51.0 76.6#
 54 57.2 47.5 71.3

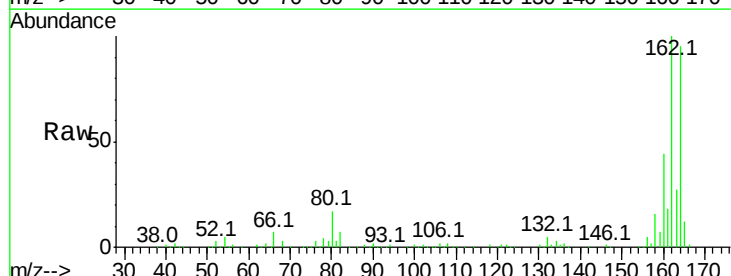


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

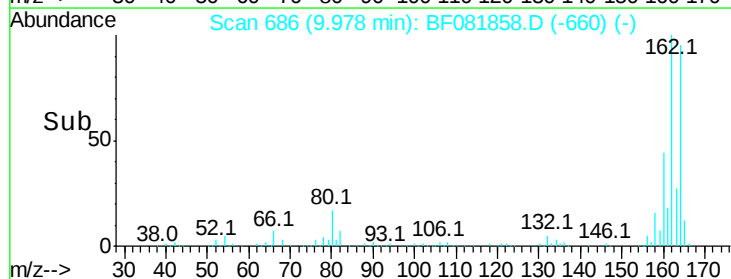
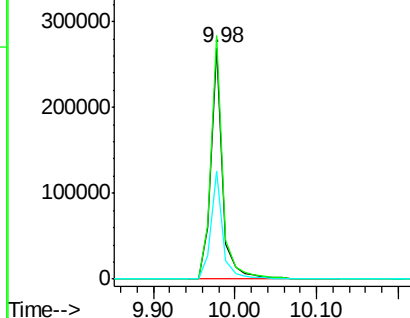


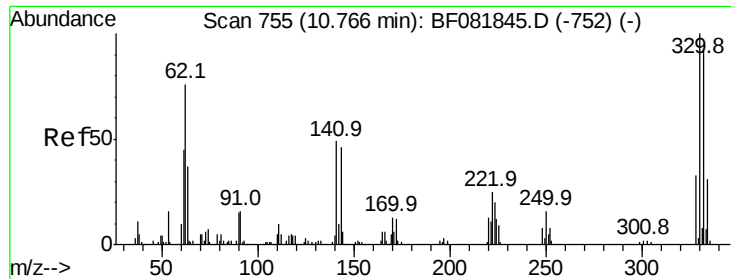
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081858.D
 Acq: 28 Sep 2015 22:48

Tgt Ion:164 Resp: 276021
 Ion Ratio Lower Upper
 164 100
 162 105.2 75.2 112.8
 160 46.4 31.5 47.3



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

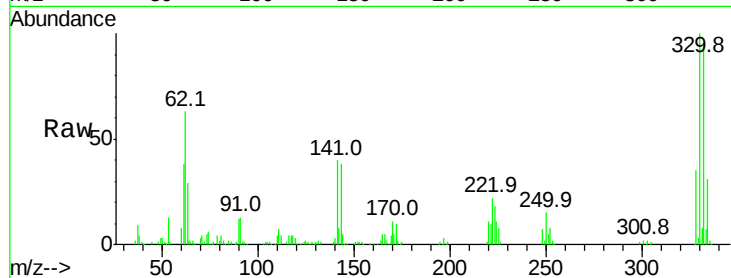




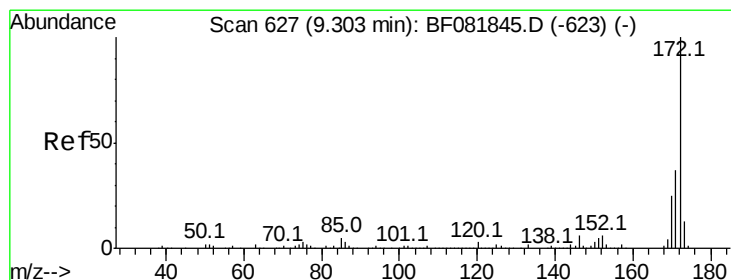
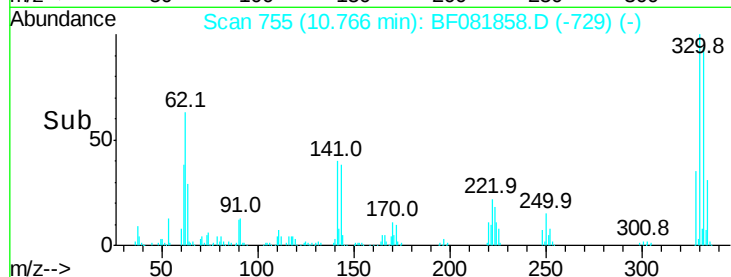
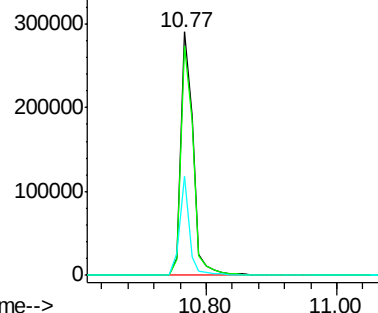
#41
 2,4,6-Tribromophenol
 Concen: 136.37 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081858.D
 Acq: 28 Sep 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-15-15

Tot Ion:330 Resp: 381203
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 32.3 29.7 44.5

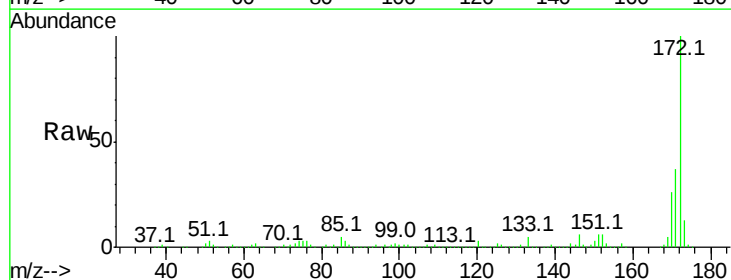


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

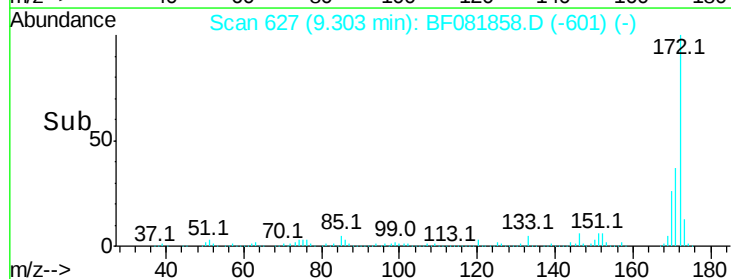
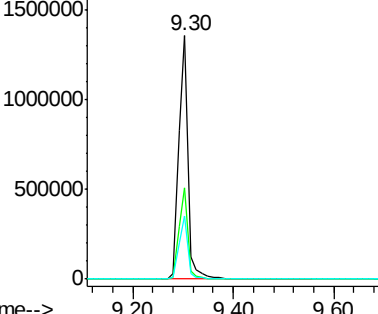


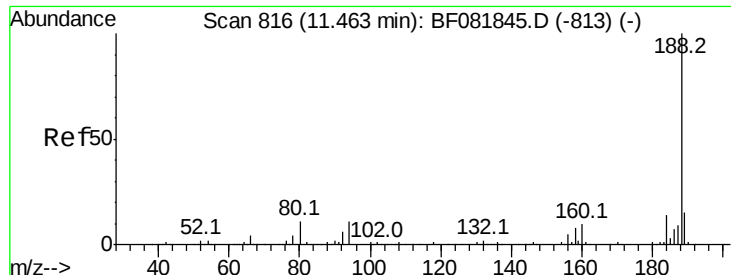
#44
 2-Fluorobiphenyl
 Concen: 108.73 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081858.D
 Acq: 28 Sep 2015 22:48

Tgt Ion:172 Resp: 1697577
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.7 17.4 26.2



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

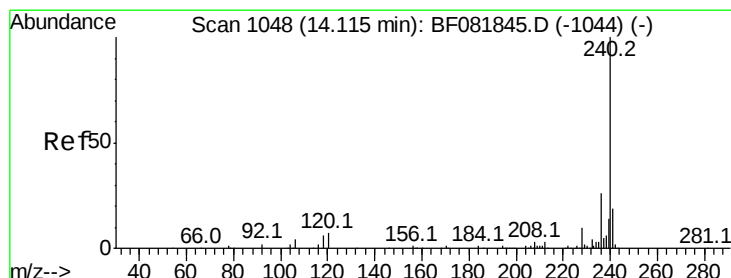
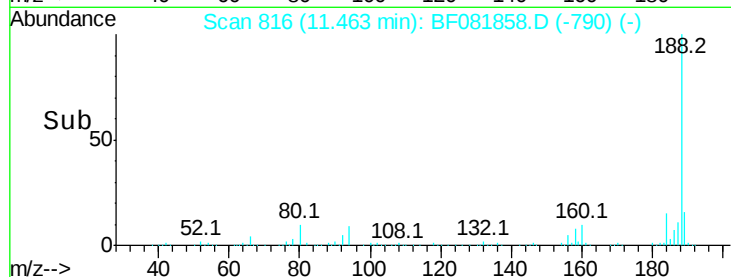
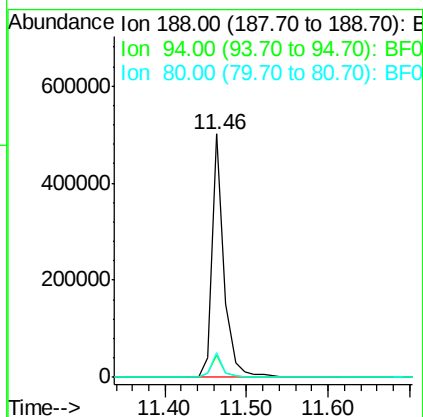
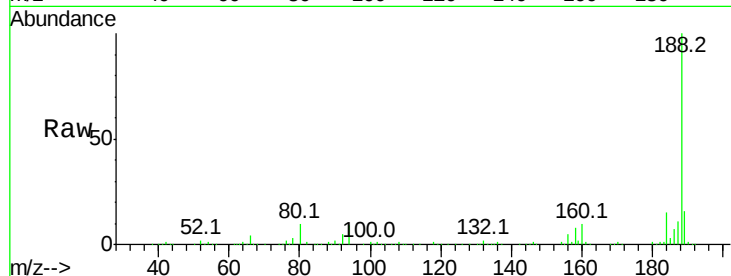




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081858.D
Acq: 28 Sep 2015 22:48

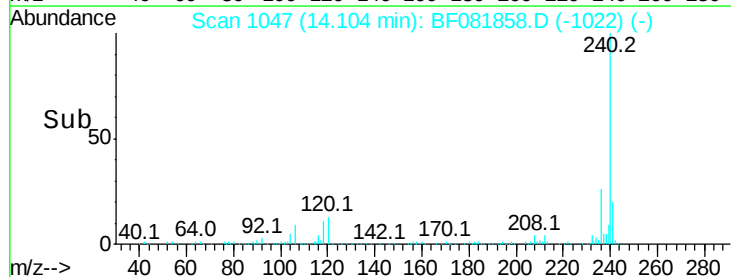
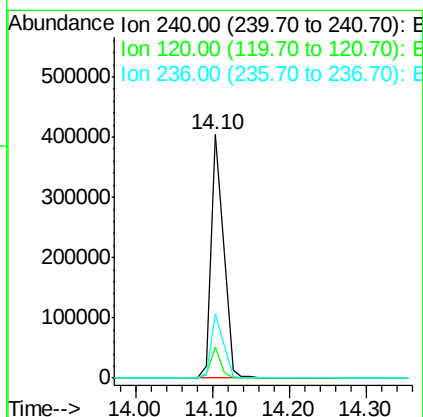
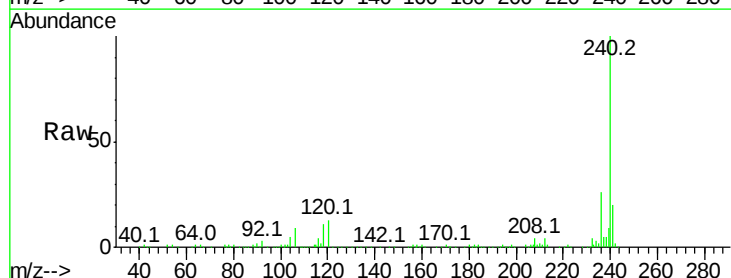
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FIELDBLANK-9-15-15

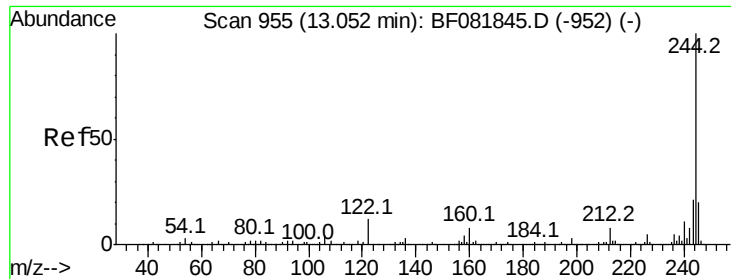
Tot Ion:188 Resp: 517093
Ion Ratio Lower Upper
188 100
94 9.3 11.1 16.7#
80 10.1 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF081858.D
Acq: 28 Sep 2015 22:48

Tgt Ion:240 Resp: 451010
Ion Ratio Lower Upper
240 100
120 13.0 16.2 24.2#
236 26.2 18.4 27.6

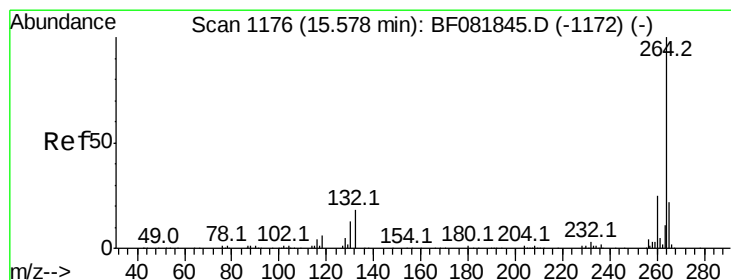
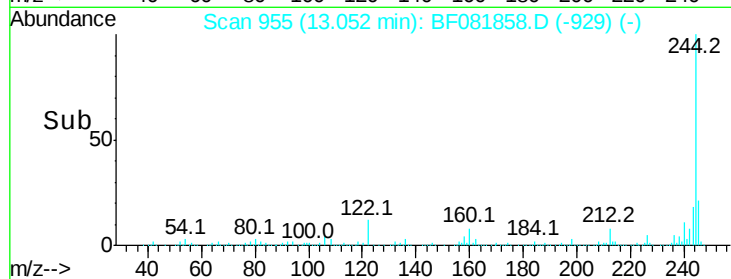
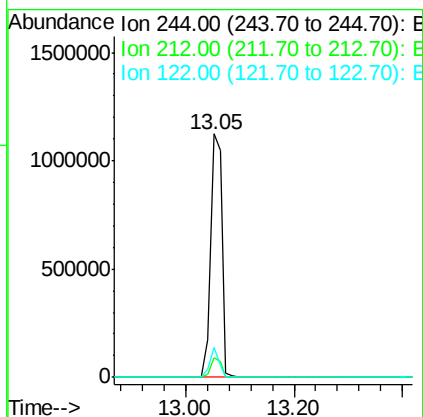
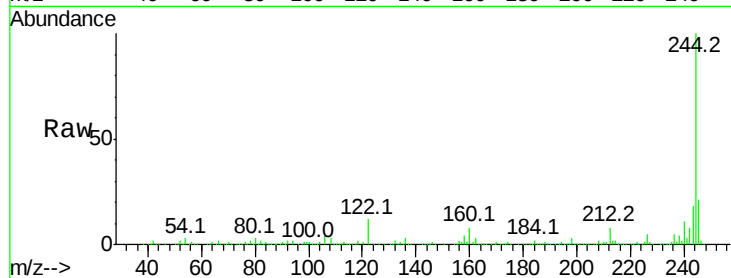




#78
 Terphenyl-d14
 Concen: 142.76 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081858.D
 Acq: 28 Sep 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-15-15

Tot Ion:244 Resp: 1633822
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 12.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081858.D
 Acq: 28 Sep 2015 22:48

Tgt Ion:264 Resp: 371150
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.6 17.2 25.8

