

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081874.D
 Acq On : 29 Sep 2015 9:05
 Operator : UM/IZ
 Sample : G3717-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-17-15

Quant Time: Sep 29 13:30:03 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	101770	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	415698	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	212314	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	438758	20.00	ng	0.00
75) Chrysene-d12	14.10	240	411859	20.00	ng	-0.01
86) Perylene-d12	15.58	264	339393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	304874	54.38	ng	0.00
7) Phenol-d6	6.55	99	255198	36.18	ng	-0.01
23) Nitrobenzene-d5	7.50	82	643780	103.23	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	320878	149.23	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1335719	112.11	ng	0.00
78) Terphenyl-d14	13.05	244	1482343	140.82	ng	0.00

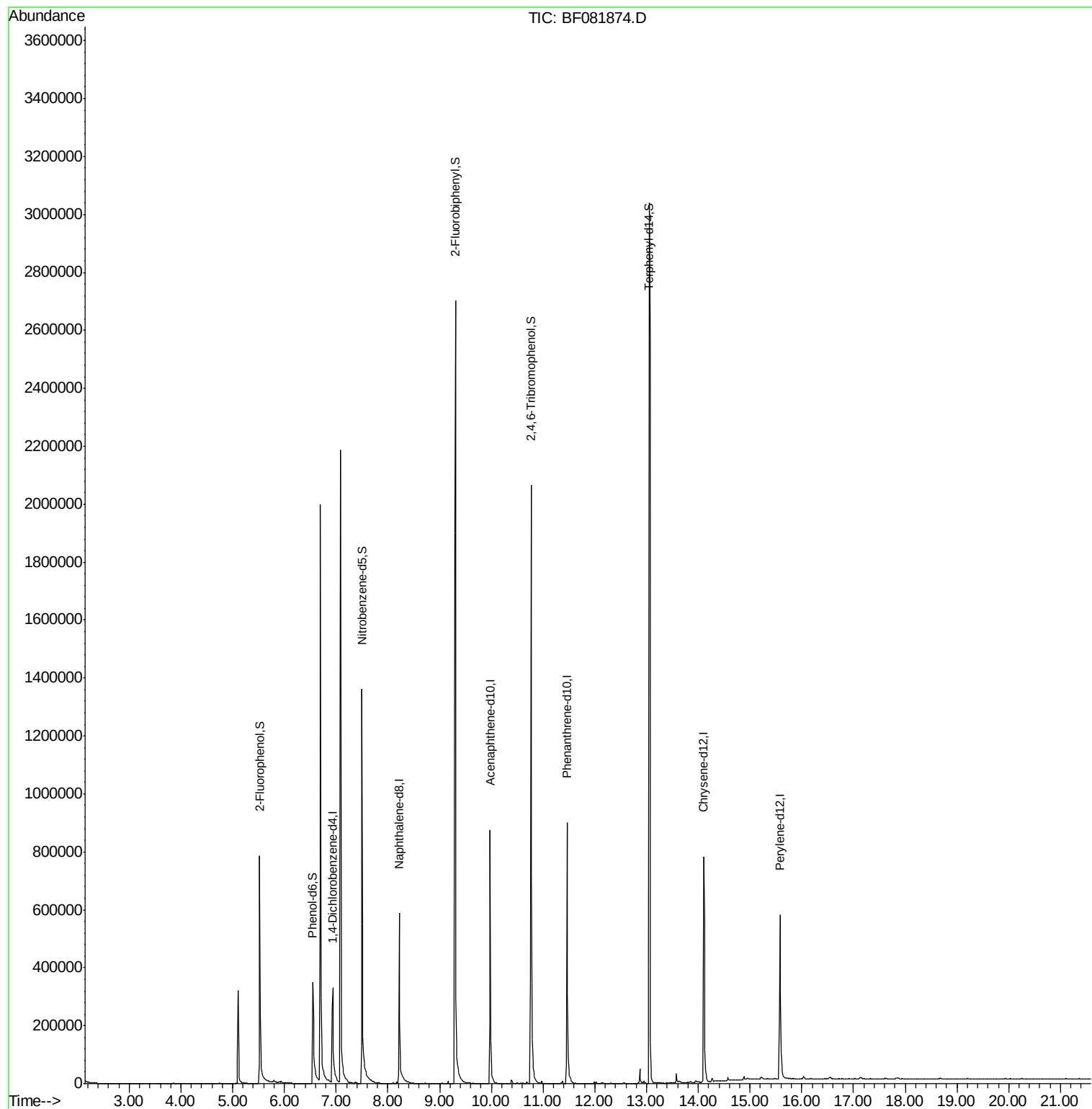
Target Compounds	Qvalue
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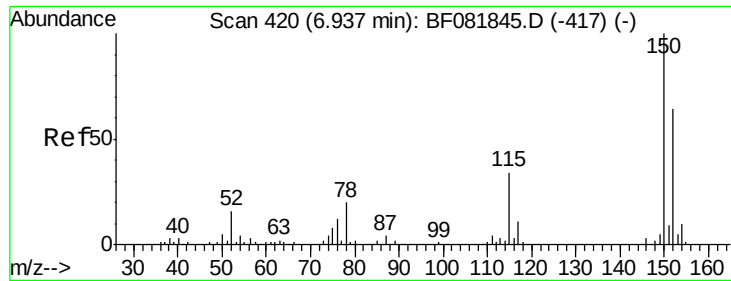
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081874.D

Acq: 29 Sep 2015 9:05

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

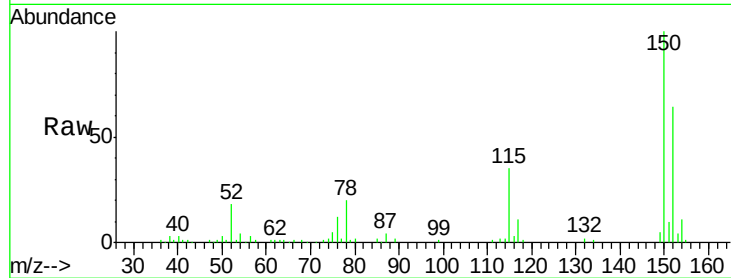
Tgt Ion:152 Resp: 101770

Ion Ratio Lower Upper

152 100

150 155.7 124.7 187.1

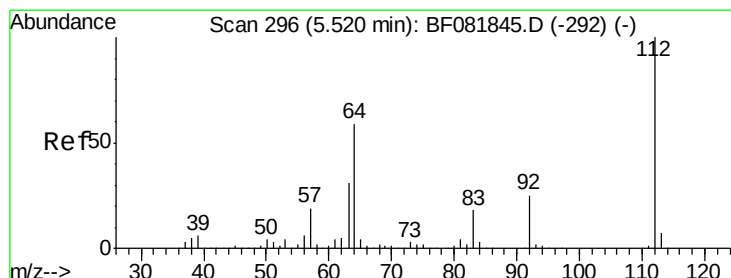
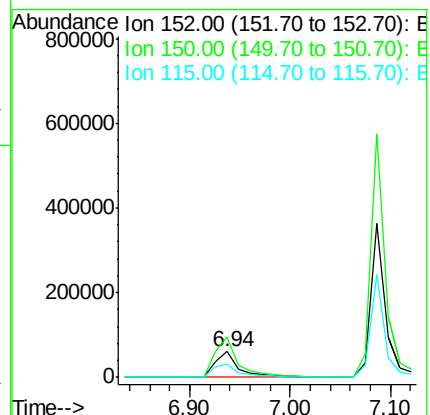
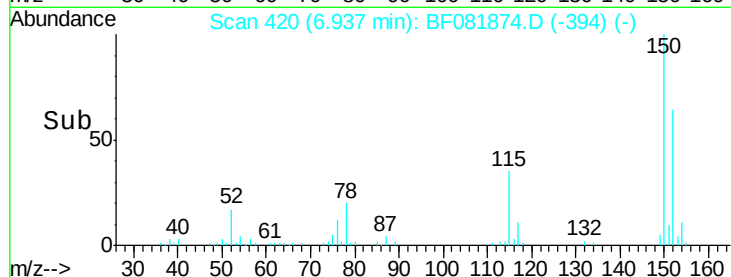
115 53.8 39.0 58.4



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: 54.38 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081874.D

Acq: 29 Sep 2015 9:05

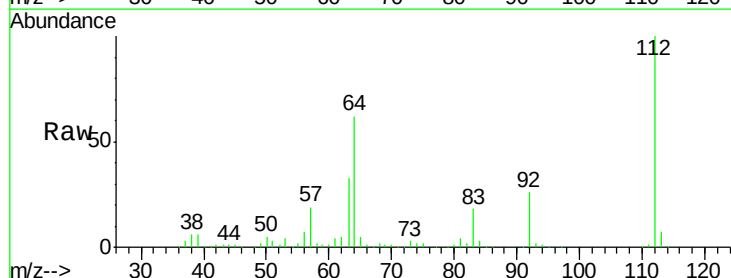
Tgt Ion:112 Resp: 304874

Ion Ratio Lower Upper

112 100

64 62.2 39.7 59.5#

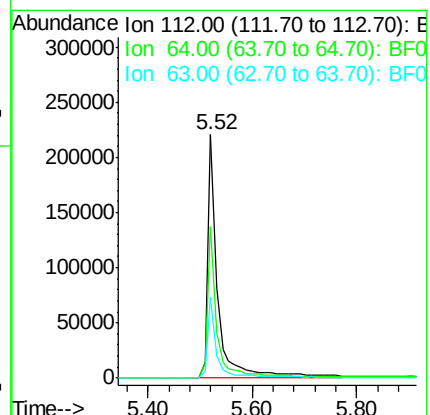
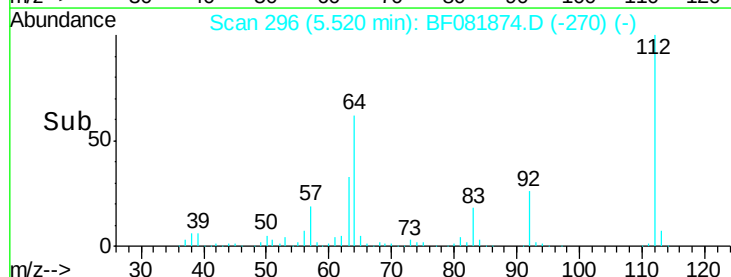
63 33.1 17.4 26.0#

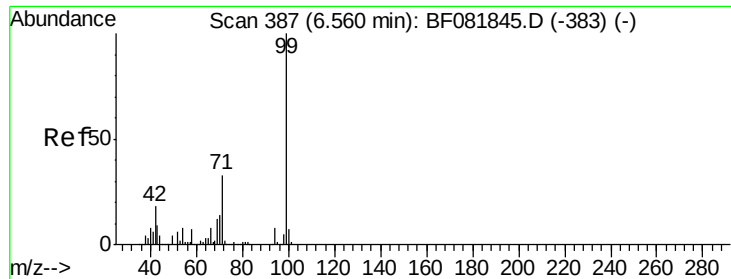


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.18 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081874.D

Acq: 29 Sep 2015 9:05

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

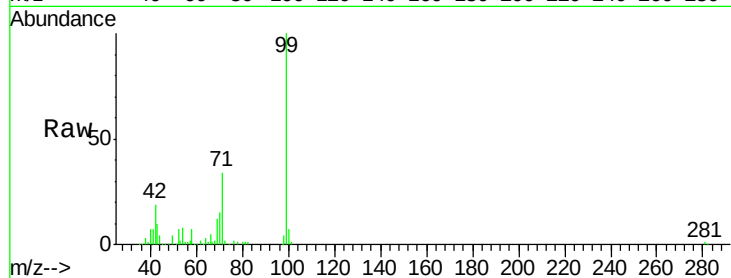
Tgt Ion: 99 Resp: 255198

Ion Ratio Lower Upper

99 100

42 19.0 13.7 20.5

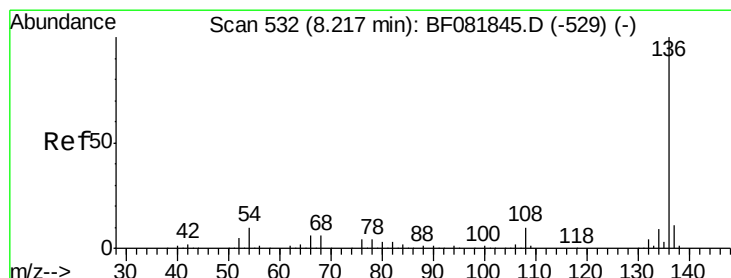
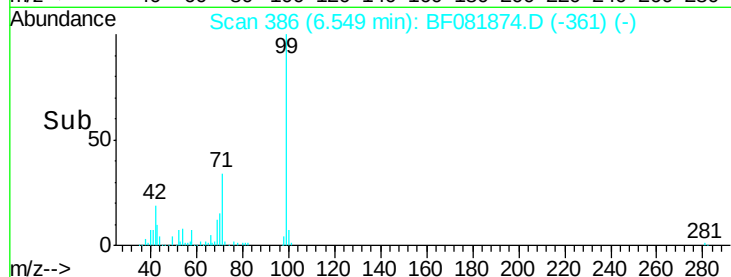
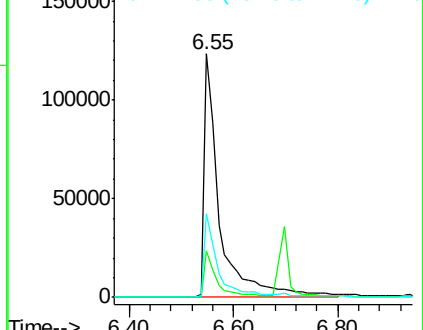
71 34.2 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081874.D

Acq: 29 Sep 2015 9:05

Tgt Ion: 136 Resp: 415698

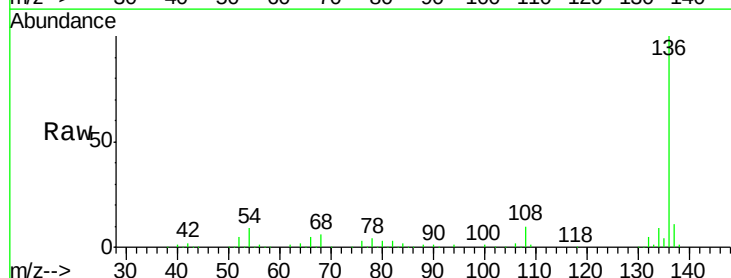
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.5 8.2 12.2

68 5.7 5.8 8.6#

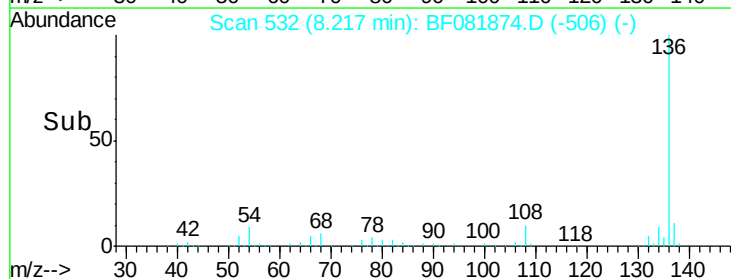
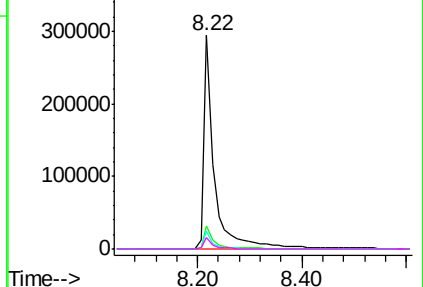


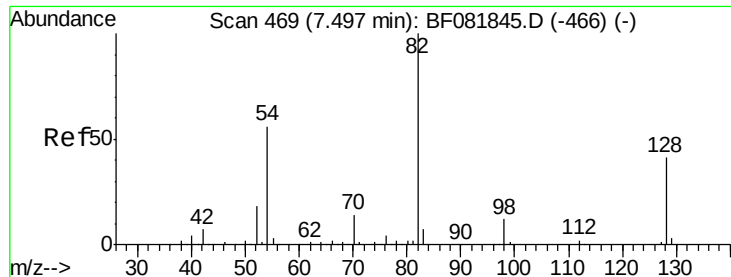
Abundance Ion 136.00 (135.70 to 136.70): E

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

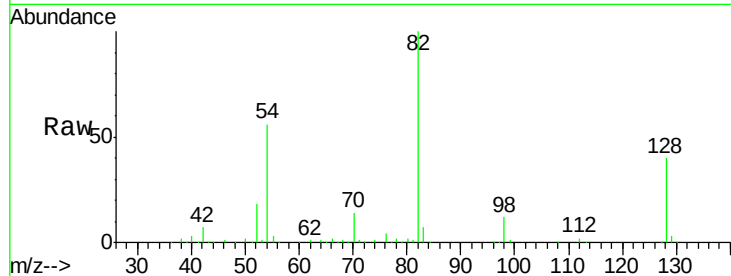




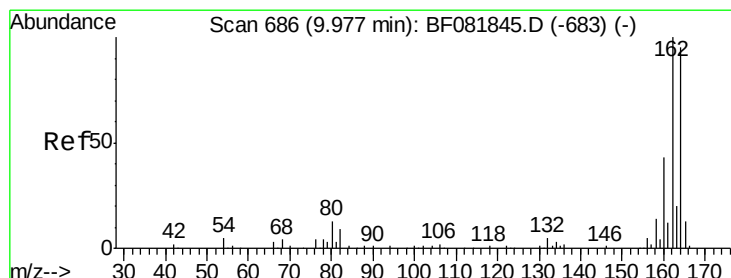
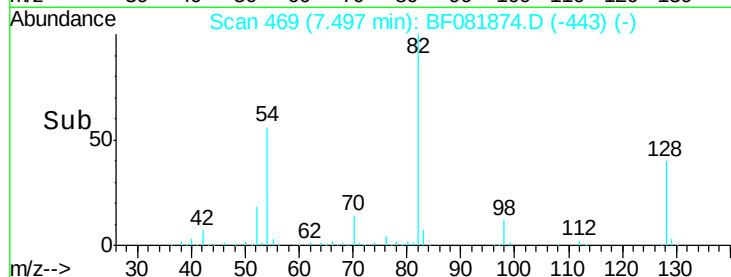
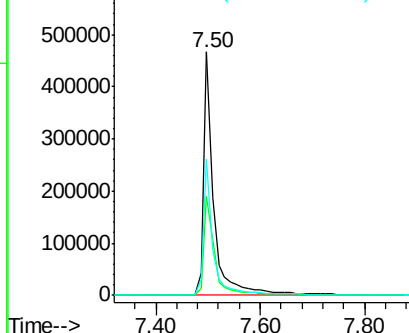
#23
 Nitrobenzene-d5
 Concen: 103.23 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081874.D
 Acq: 29 Sep 2015 9:05

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-17-15

Tgt Ion: 82 Resp: 643780
 Ion Ratio Lower Upper
 82 100
 128 40.5 51.0 76.6#
 54 56.1 47.5 71.3

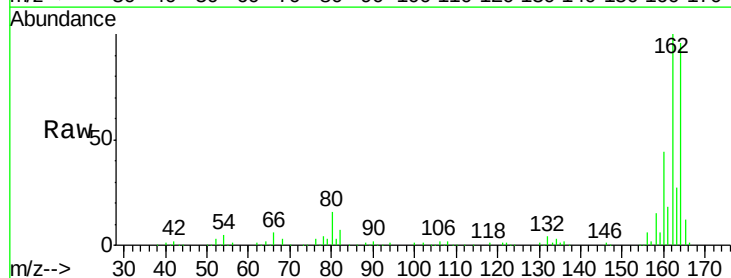


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

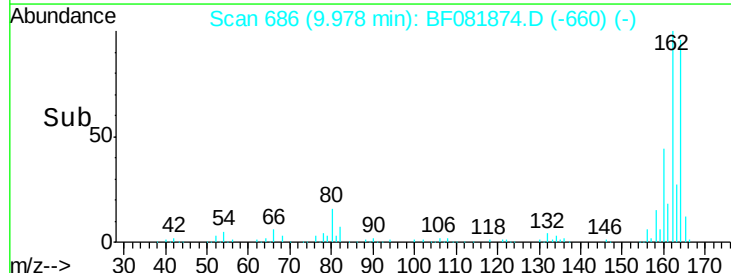
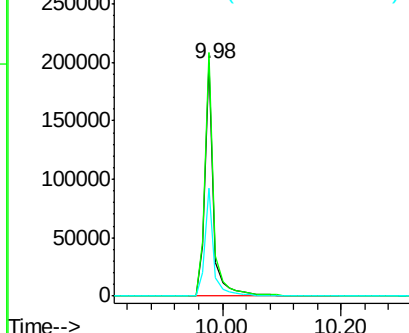


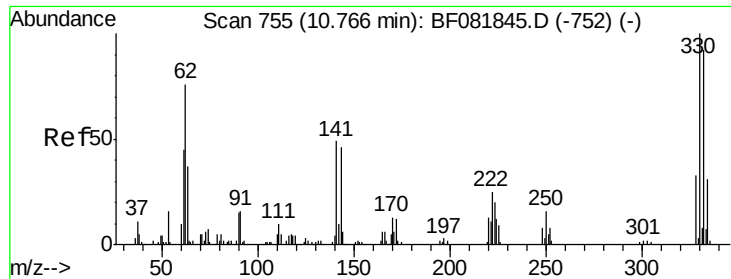
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081874.D
 Acq: 29 Sep 2015 9:05

Tgt Ion: 164 Resp: 212314
 Ion Ratio Lower Upper
 164 100
 162 104.5 75.2 112.8
 160 46.5 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

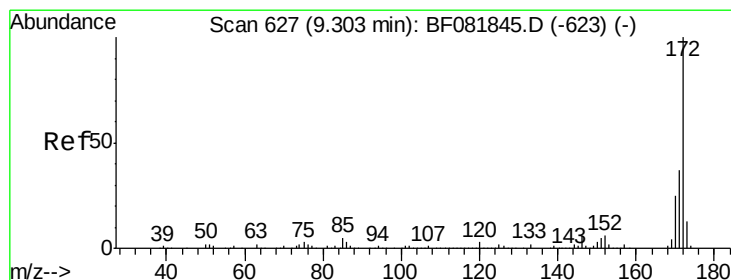
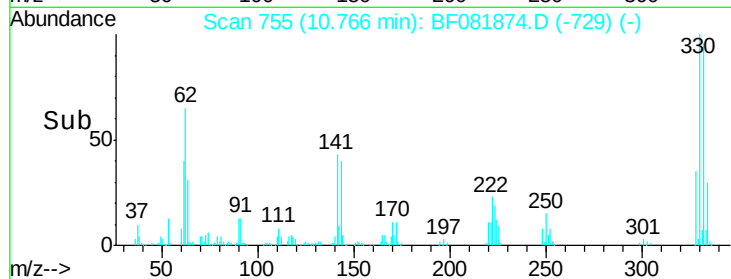
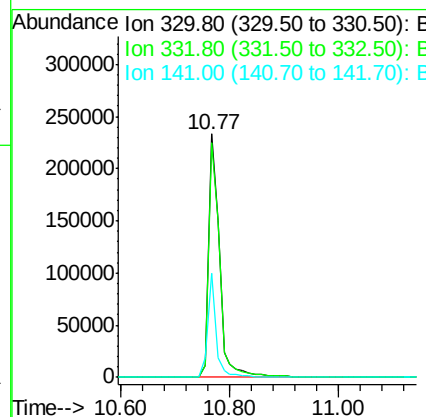
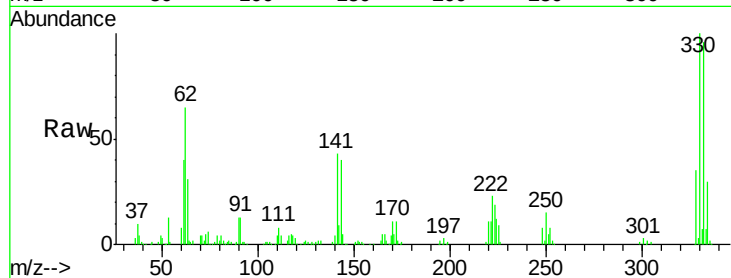




#41
 2,4,6-Tribromophenol
 Concen: 149.23 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081874.D
 Acq: 29 Sep 2015 9:05

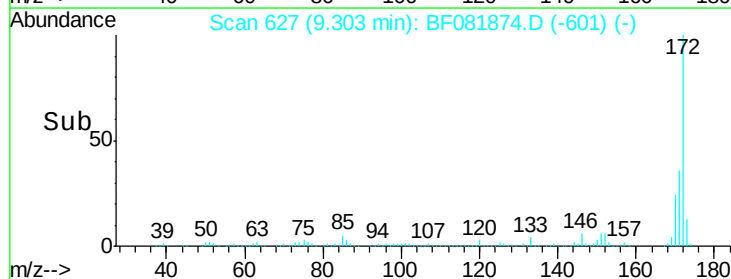
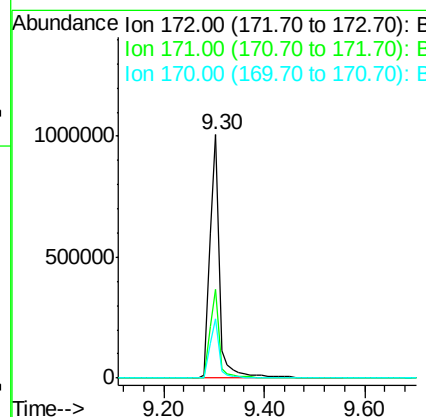
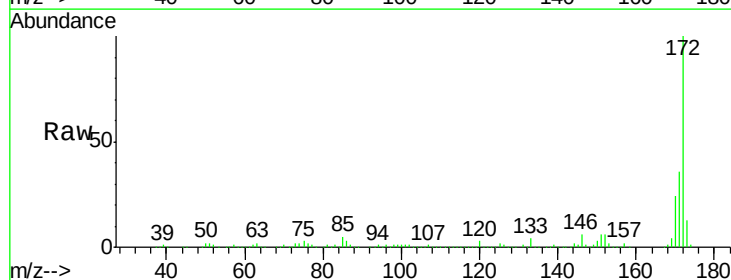
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-17-15

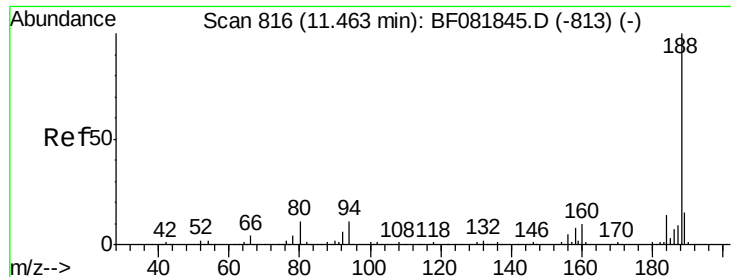
Tgt Ion:330 Resp: 320878
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 33.8 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 112.11 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081874.D
 Acq: 29 Sep 2015 9:05

Tgt Ion:172 Resp: 1335719
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.4 17.4 26.2

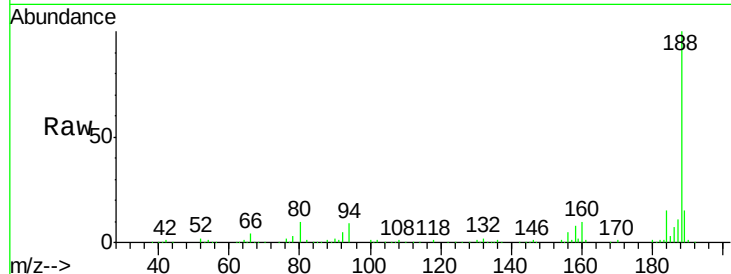




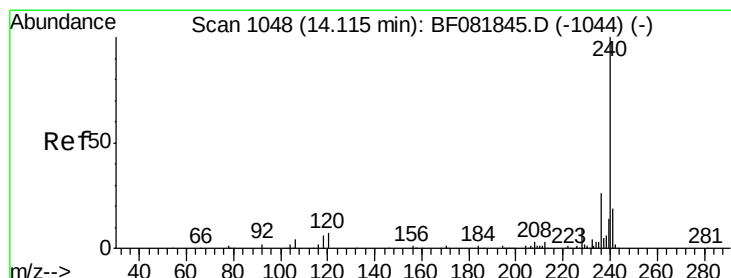
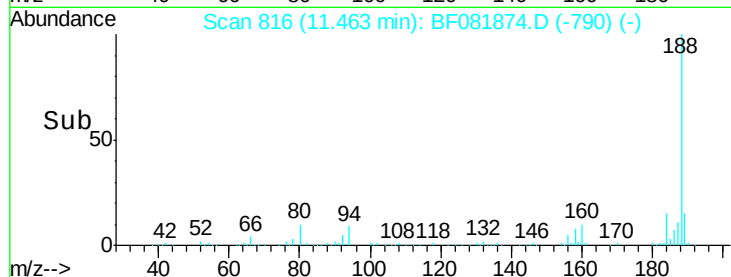
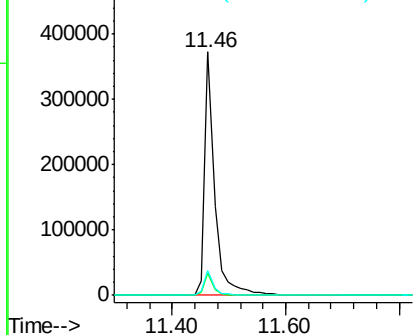
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081874.D
Acq: 29 Sep 2015 9:05

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-9-17-15

Tgt Ion:188 Resp: 438758
Ion Ratio Lower Upper
188 100
94 9.3 11.1 16.7#
80 10.0 11.0 16.4#

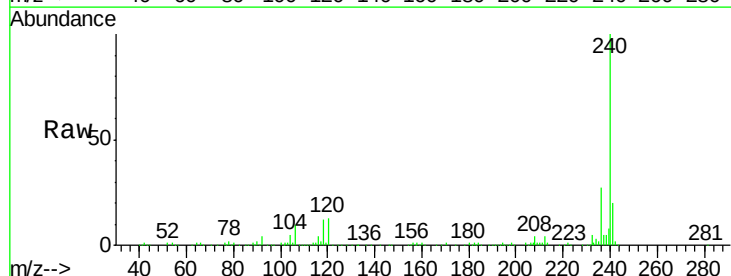


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

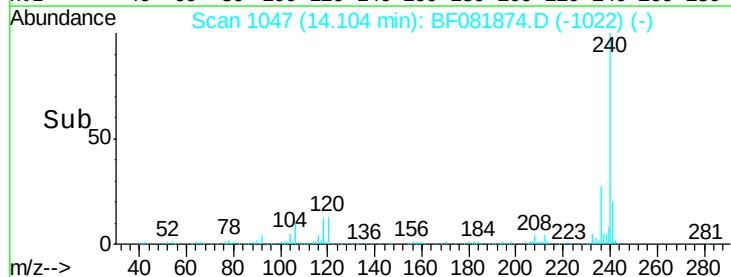
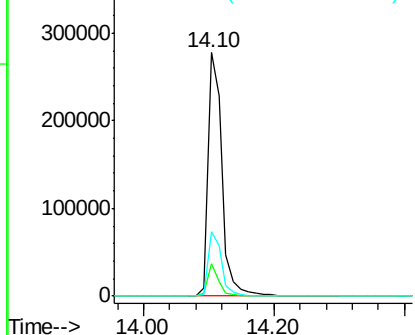


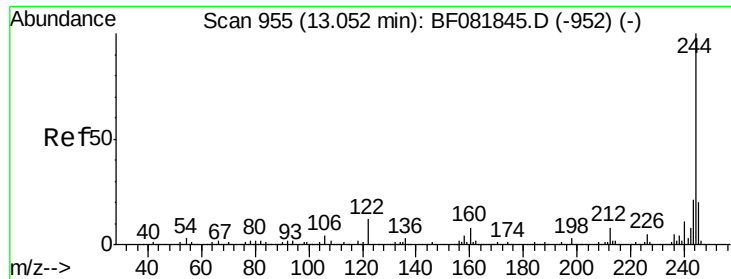
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF081874.D
Acq: 29 Sep 2015 9:05

Tgt Ion:240 Resp: 411859
Ion Ratio Lower Upper
240 100
120 13.3 16.2 24.2#
236 26.6 18.4 27.6



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

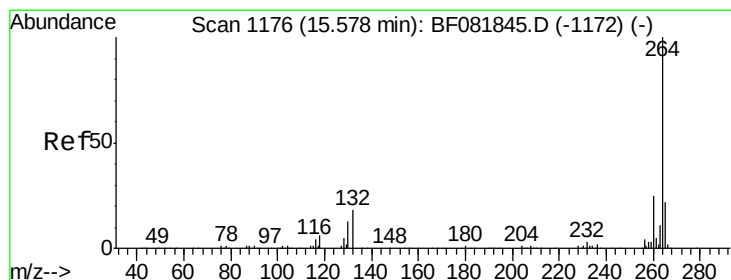
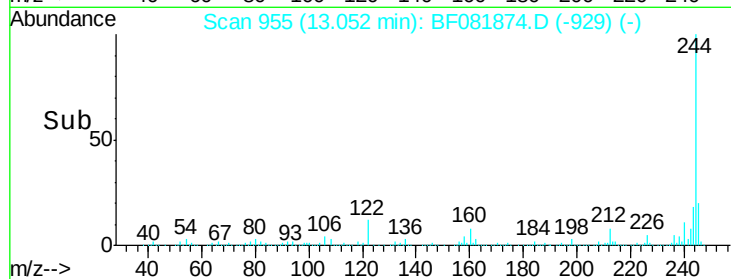
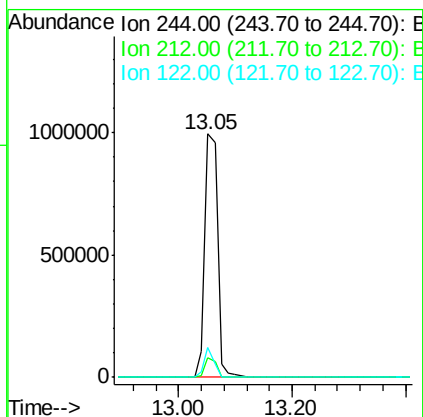
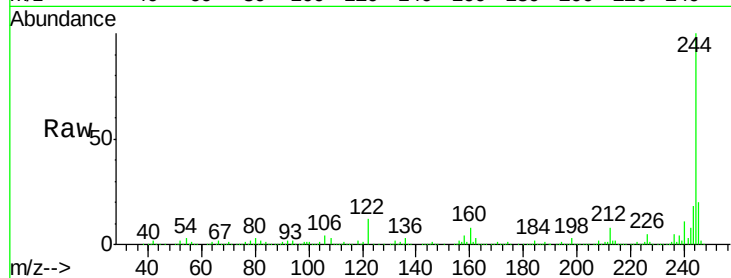




#78
 Terphenyl-d14
 Concen: 140.82 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081874.D
 Acq: 29 Sep 2015 9:05

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-17-15

Tgt Ion:244 Resp: 1482343
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 12.2 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: BF081874.D
 Acq: 29 Sep 2015 9:05

Tgt Ion:264 Resp: 339393
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.3 17.2 25.8

