

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081958.D
 Acq On : 2 Oct 2015 00:44
 Operator : UM/IZ
 Sample : G3870-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-1

Quant Time: Oct 02 04:21:20 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

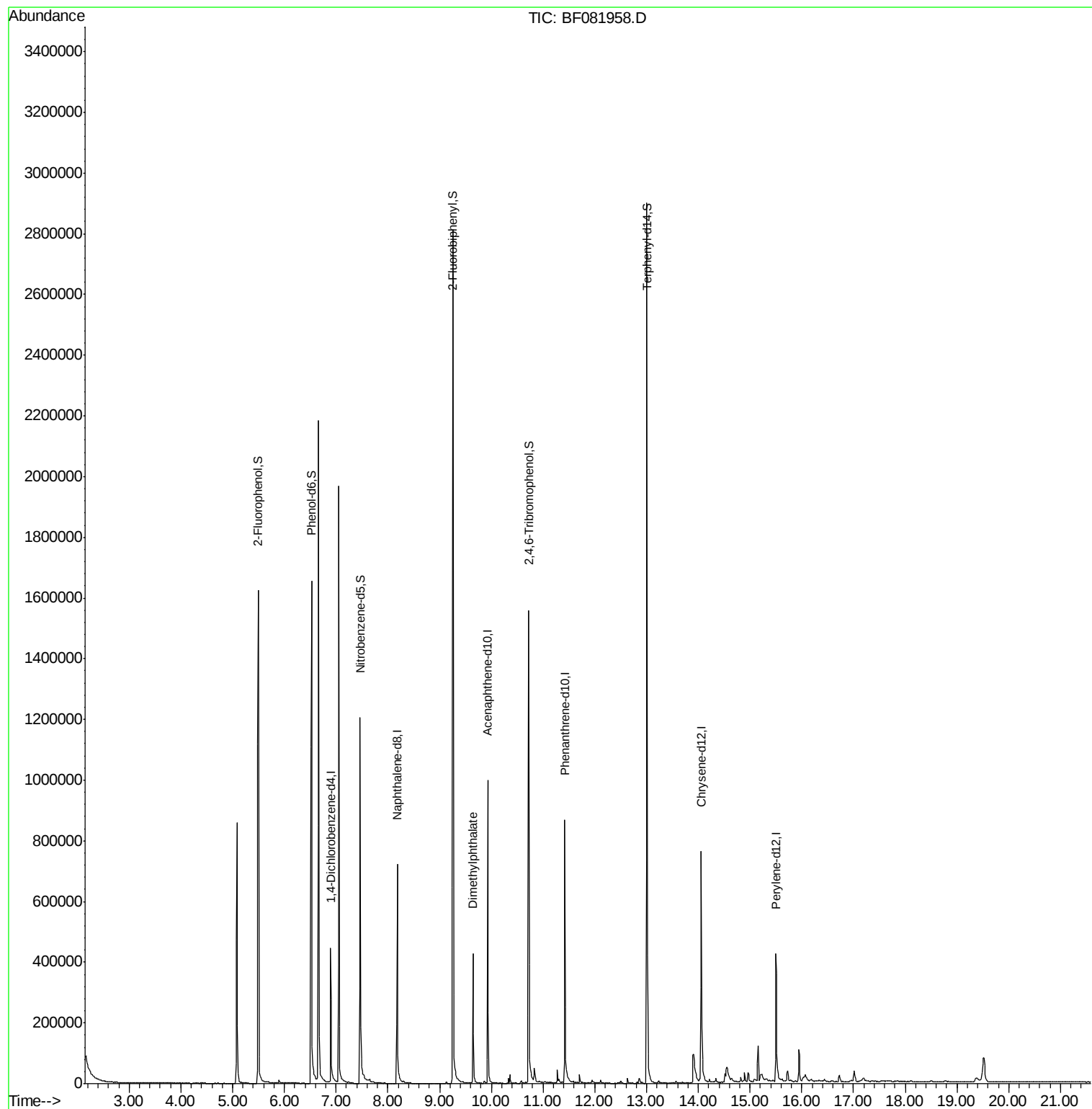
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	105263	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	424564	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	212495	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	413131	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	388575	20.00	ng	-0.06
86) Perylene-d12	15.50	264	286409	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	624346	107.67	ng	-0.02
7) Phenol-d6	6.53	99	834923	114.43	ng	-0.03
23) Nitrobenzene-d5	7.46	82	501351	78.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	214932	99.87	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	997434	77.15	ng	-0.05
78) Terphenyl-d14	13.01	244	1021510	84.87	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.65	163	220031	15.00	ng	Qvalue # 97

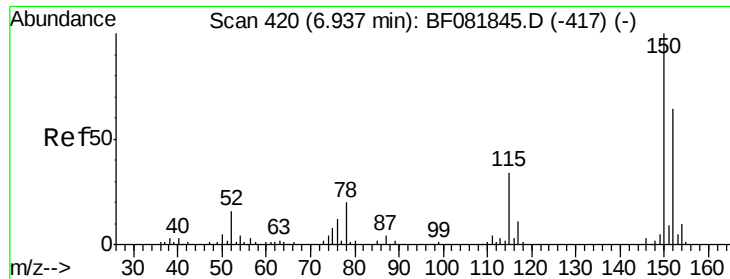
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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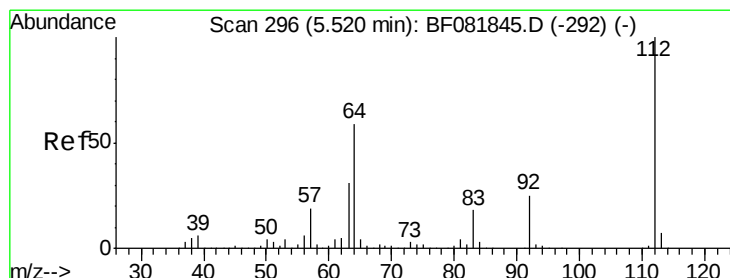
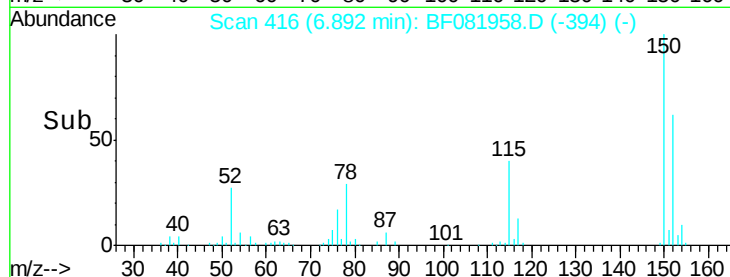
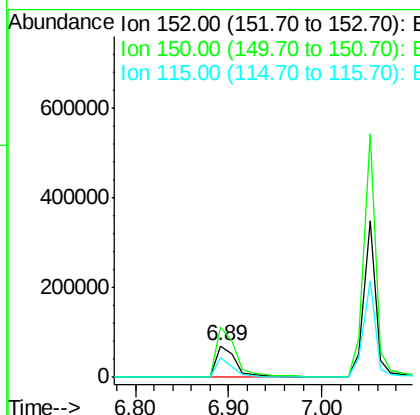
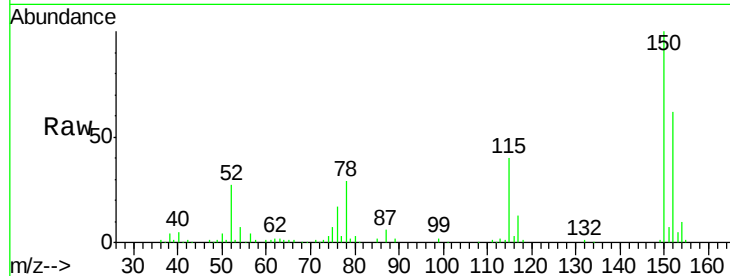




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.05 min
 Lab File: BF081958.D
 Acq: 2 Oct 2015 00:44

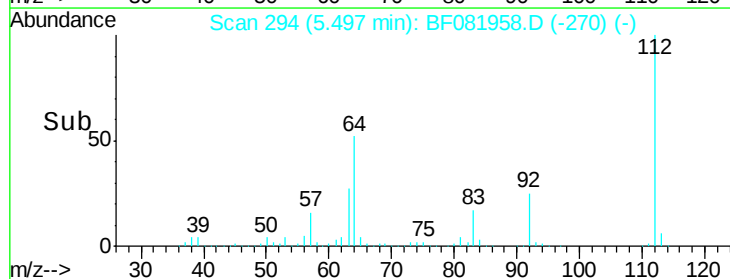
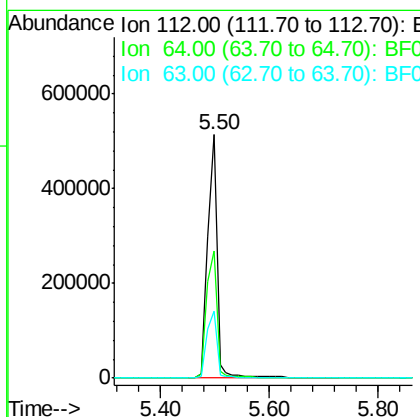
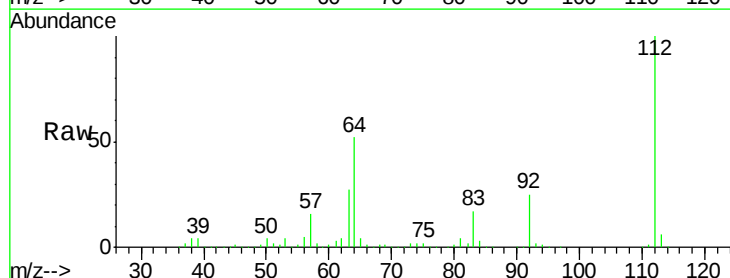
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-1

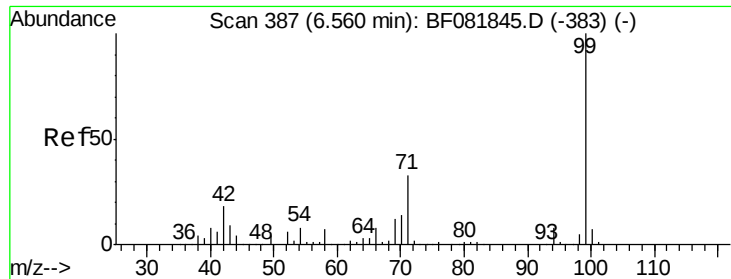
Tgt Ion:152 Resp: 105263
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.7 187.1
 115 64.2 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 107.67 ng
 RT: 5.50 min Scan# 294
 Delta R.T. -0.02 min
 Lab File: BF081958.D
 Acq: 2 Oct 2015 00:44

Tgt Ion:112 Resp: 624346
 Ion Ratio Lower Upper
 112 100
 64 52.2 39.7 59.5
 63 27.3 17.4 26.0#





#7

Phenol-d6

Concen: 114.43 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081958.D

Acq: 2 Oct 2015 00:44

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-1

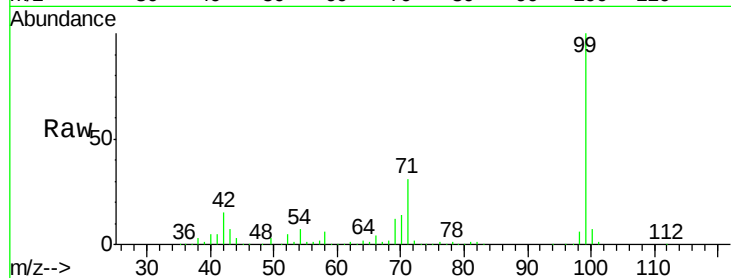
Tgt Ion: 99 Resp: 834923

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

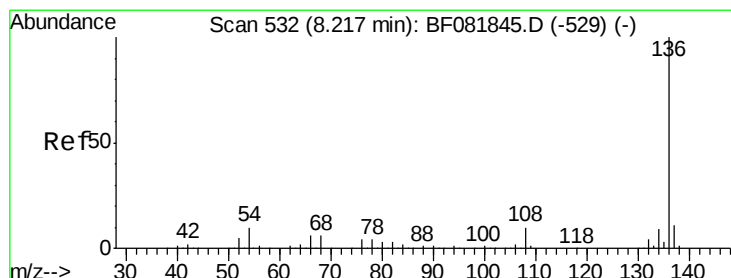
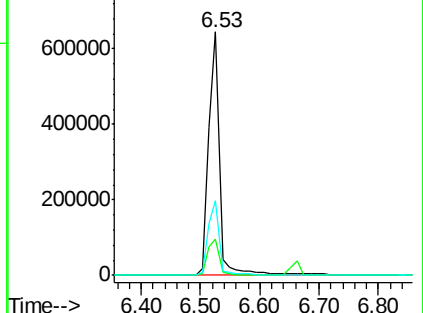
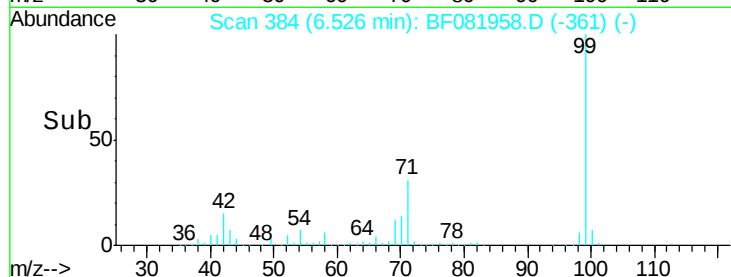
71 30.6 14.2 21.2#



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: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081958.D

Acq: 2 Oct 2015 00:44

Tgt Ion: 136 Resp: 424564

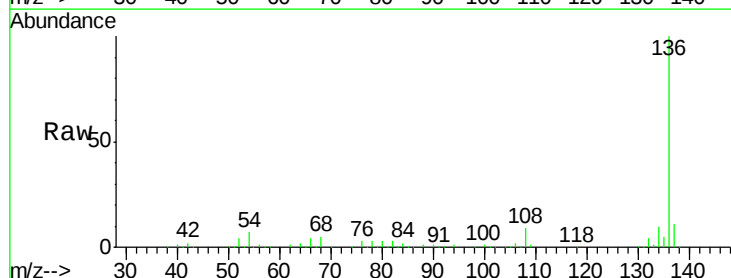
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.9 8.2 12.2#

68 5.0 5.8 8.6#

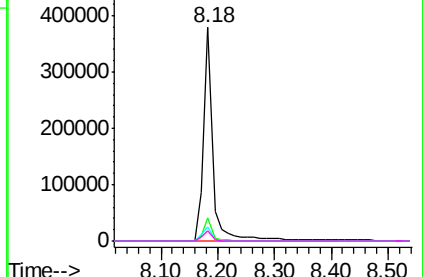
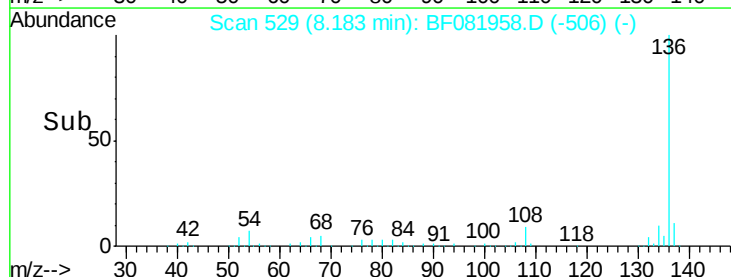


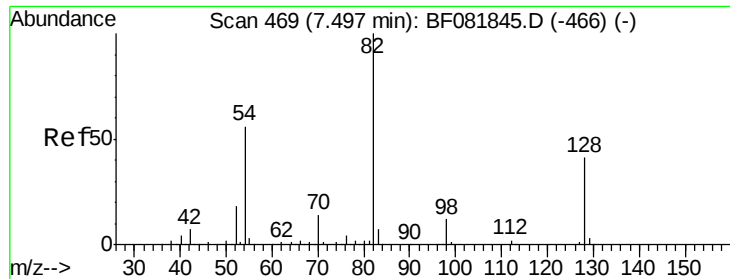
Abundance Ion 136.00 (135.70 to 136.70): E

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

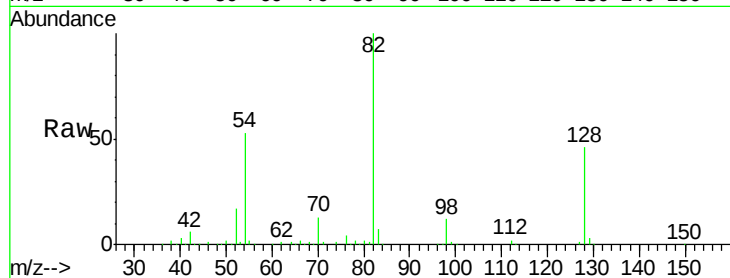




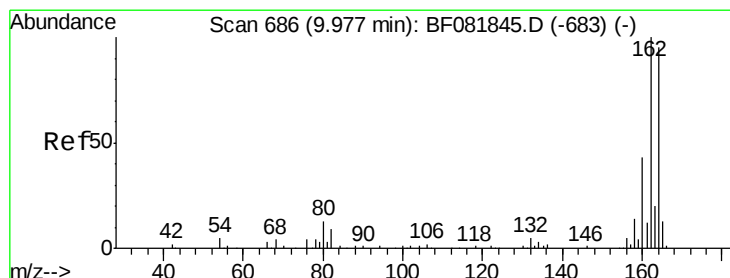
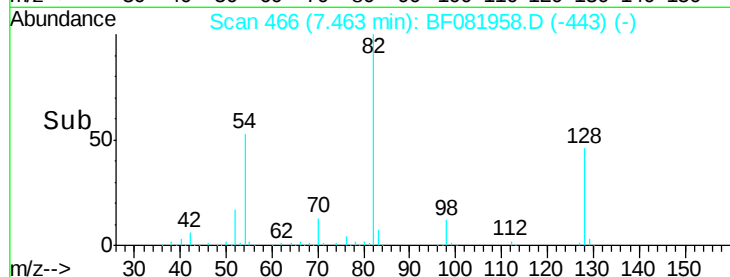
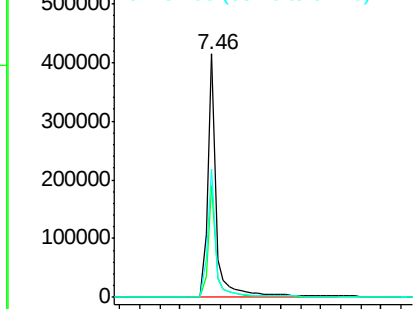
#23
 Nitrobenzene-d5
 Concen: 78.72 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081958.D
 Acq: 2 Oct 2015 00:44

Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-1

Tgt Ion: 82 Resp: 501351
 Ion Ratio Lower Upper
 82 100
 128 46.0 51.0 76.6#
 54 52.6 47.5 71.3

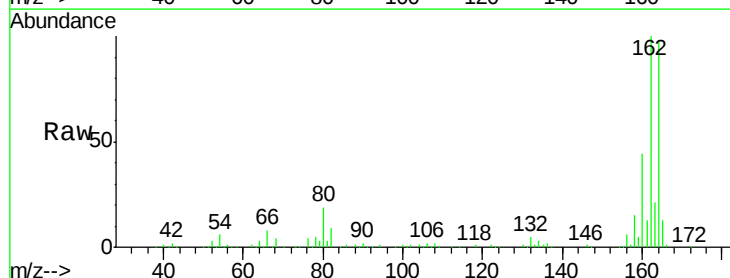


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

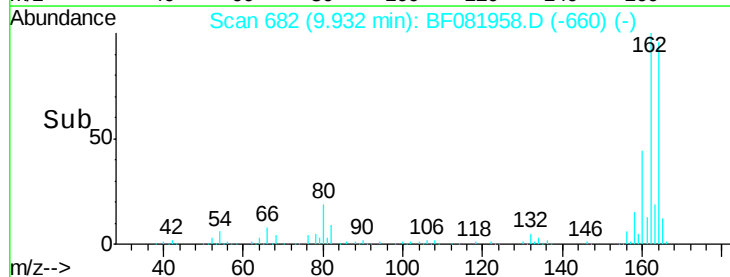
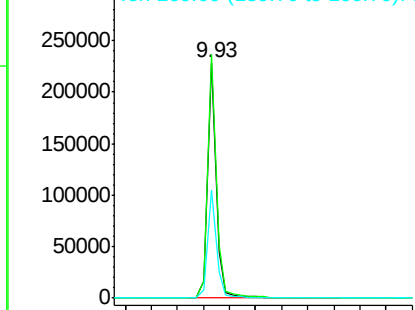


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081958.D
 Acq: 2 Oct 2015 00:44

Tgt Ion:164 Resp: 212495
 Ion Ratio Lower Upper
 164 100
 162 103.5 75.2 112.8
 160 45.8 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

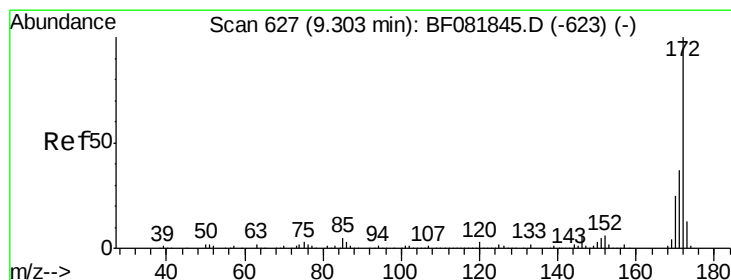
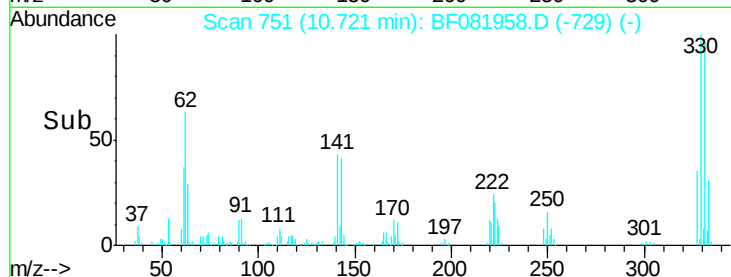
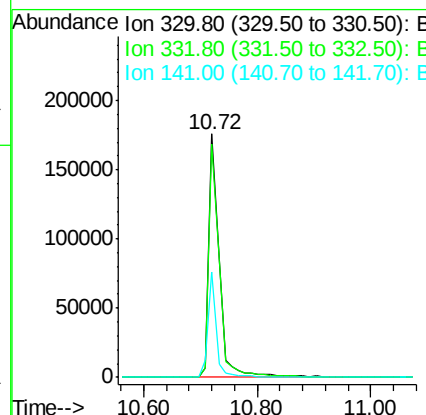
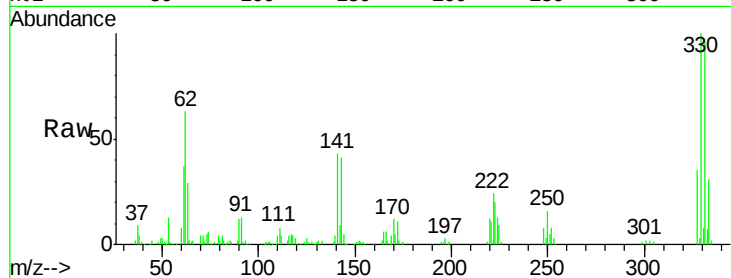




#41
 2,4,6-Tribromophenol
 Concen: 99.87 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081958.D
 Acq: 2 Oct 2015 00:44

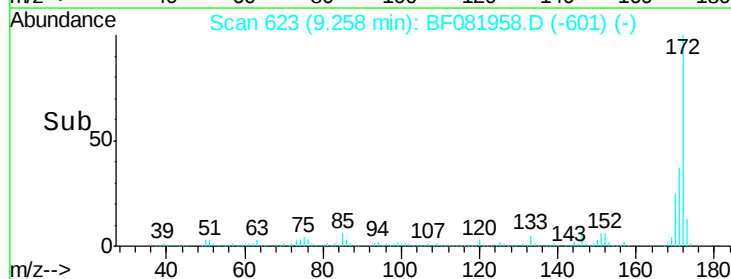
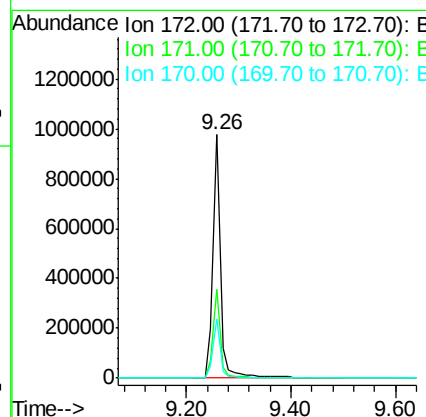
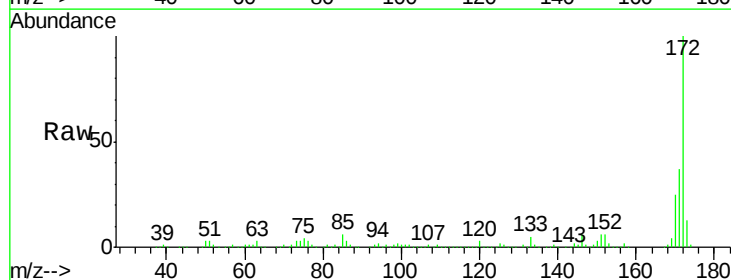
Instrument :
 BNA_F
 ClientSampleId :
 670-UNDERCLIFF-1

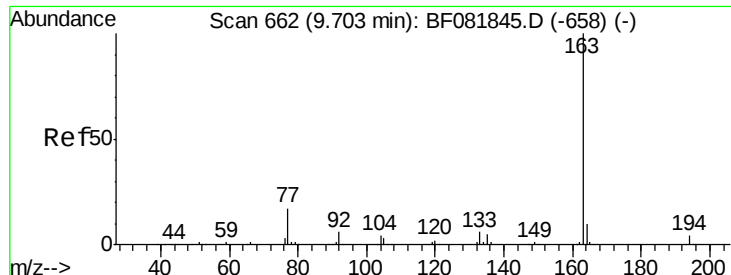
Tgt Ion:330 Resp: 214932
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 35.3 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 77.15 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081958.D
 Acq: 2 Oct 2015 00:44

Tgt Ion:172 Resp: 997434
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.6 17.4 26.2





#49

Dimethylphthalate

Concen: 15.00 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF081958.D

Acq: 2 Oct 2015 00:44

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-1

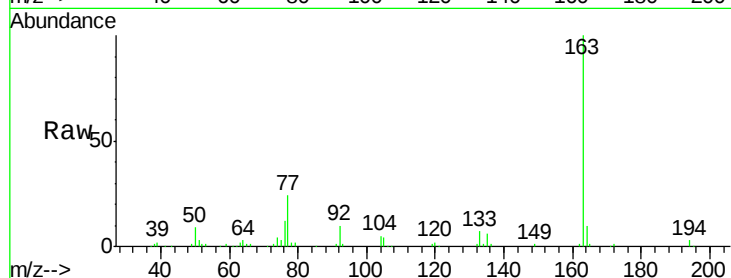
Tgt Ion:163 Resp: 220031

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

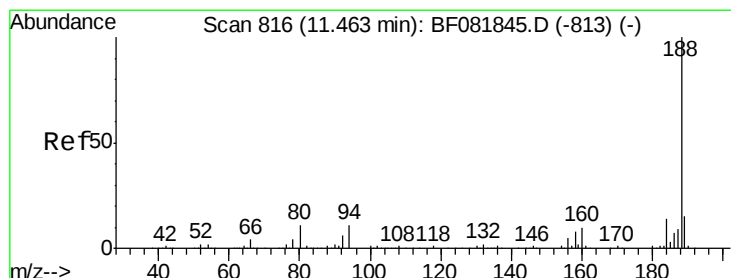
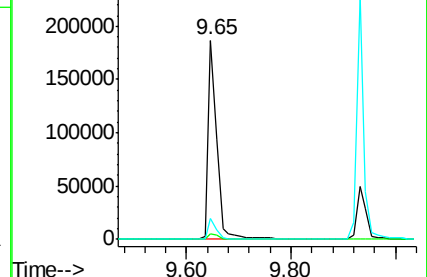
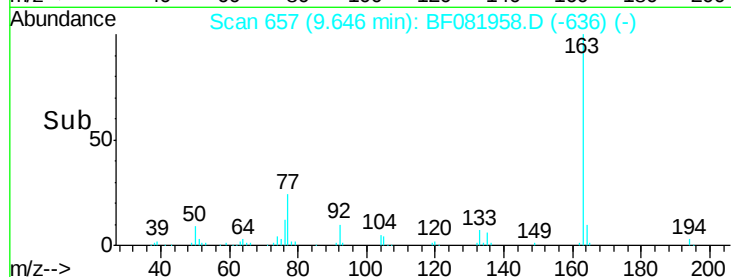
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081958.D

Acq: 2 Oct 2015 00:44

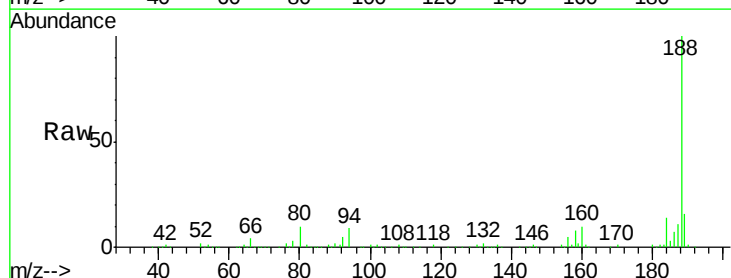
Tgt Ion:188 Resp: 413131

Ion Ratio Lower Upper

188 100

94 9.2 11.1 16.7#

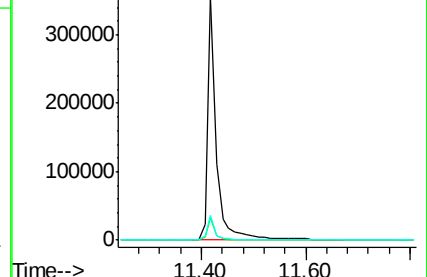
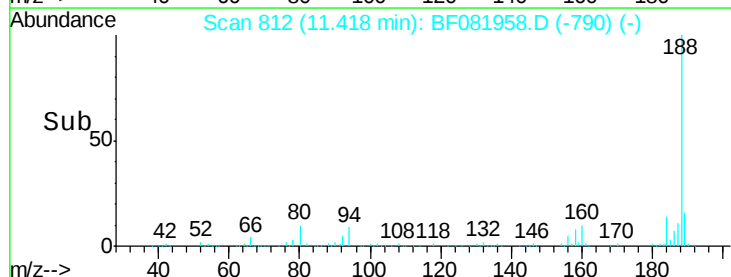
80 10.0 11.0 16.4#

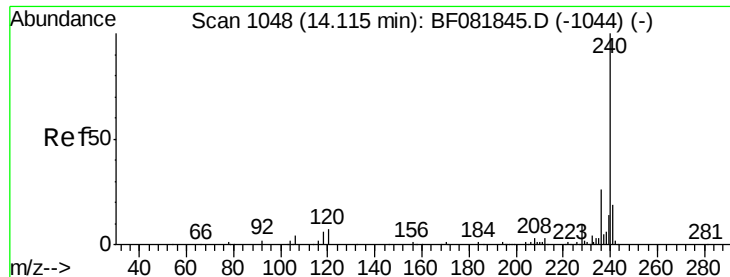


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081958.D

Acq: 2 Oct 2015 00:44

Instrument :

BNA_F

ClientSampleId :

670-UNDERCLIFF-1

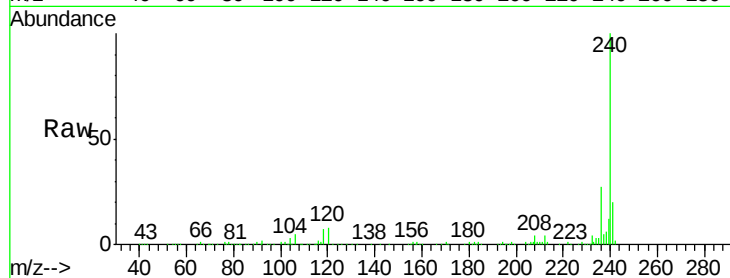
Tgt Ion:240 Resp: 388575

Ion Ratio Lower Upper

240 100

120 8.2 16.2 24.2#

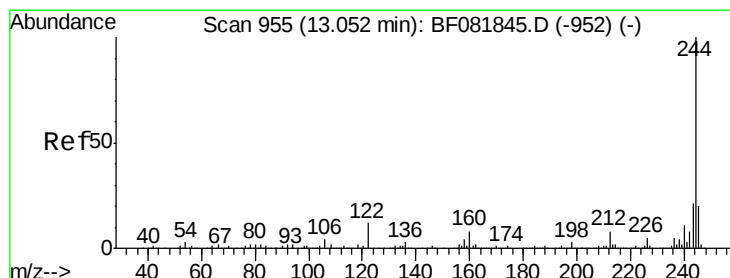
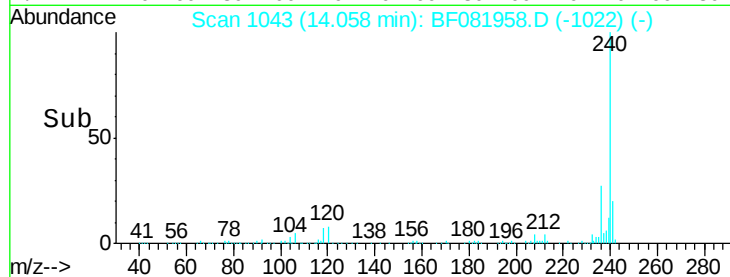
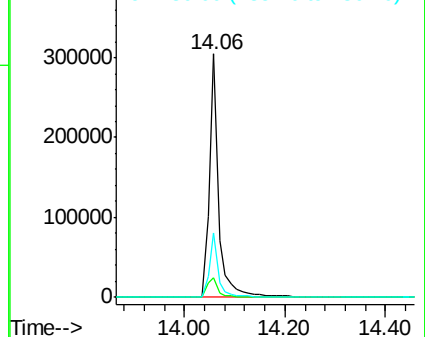
236 26.7 18.4 27.6



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: 84.87 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081958.D

Acq: 2 Oct 2015 00:44

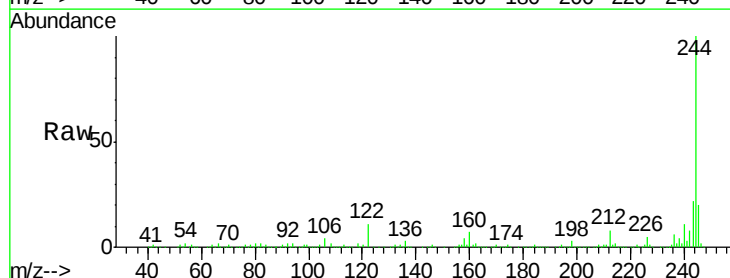
Tgt Ion:244 Resp: 1021510

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

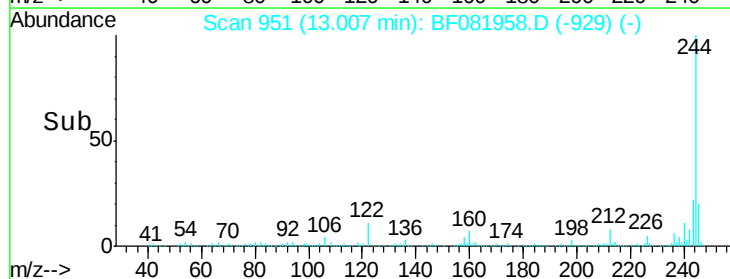
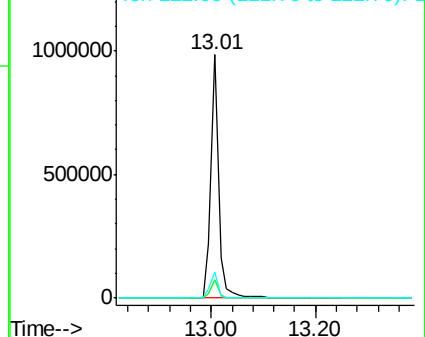
122 10.6 17.4 26.2#

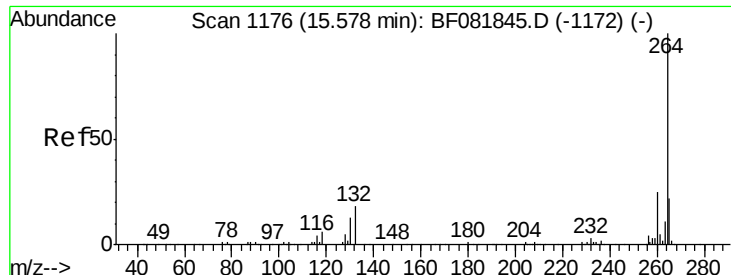


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

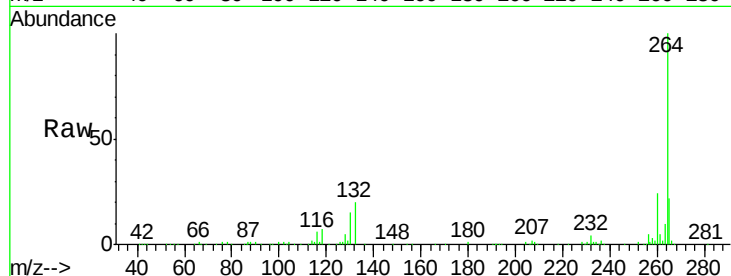




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081958.D
Acq: 2 Oct 2015 00:44

Instrument :
BNA_F
ClientSampleId :
670-UNDERCLIFF-1

Tgt Ion: 264 Resp: 286409
Ion Ratio Lower Upper
264 100
260 23.8 16.7 25.1
265 21.6 17.2 25.8



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

