

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081965.D
 Acq On : 2 Oct 2015 4:15
 Operator : UM/IZ
 Sample : G3857-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4-COMP

Quant Time: Oct 02 08:35:53 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	6.90	152	111151	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	460245	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	228634	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	470911	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	424448	20.00	ng	-0.06
86) Perylene-d12	15.50	264	224232	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	773620	126.35	ng	-0.01
7) Phenol-d6	6.53	99	889550	115.46	ng	-0.03
23) Nitrobenzene-d5	7.46	82	651542	94.37	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	318814	137.69	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1264446	94.61	ng	-0.05
78) Terphenyl-d14	13.01	244	1336681	110.81	ng	-0.05

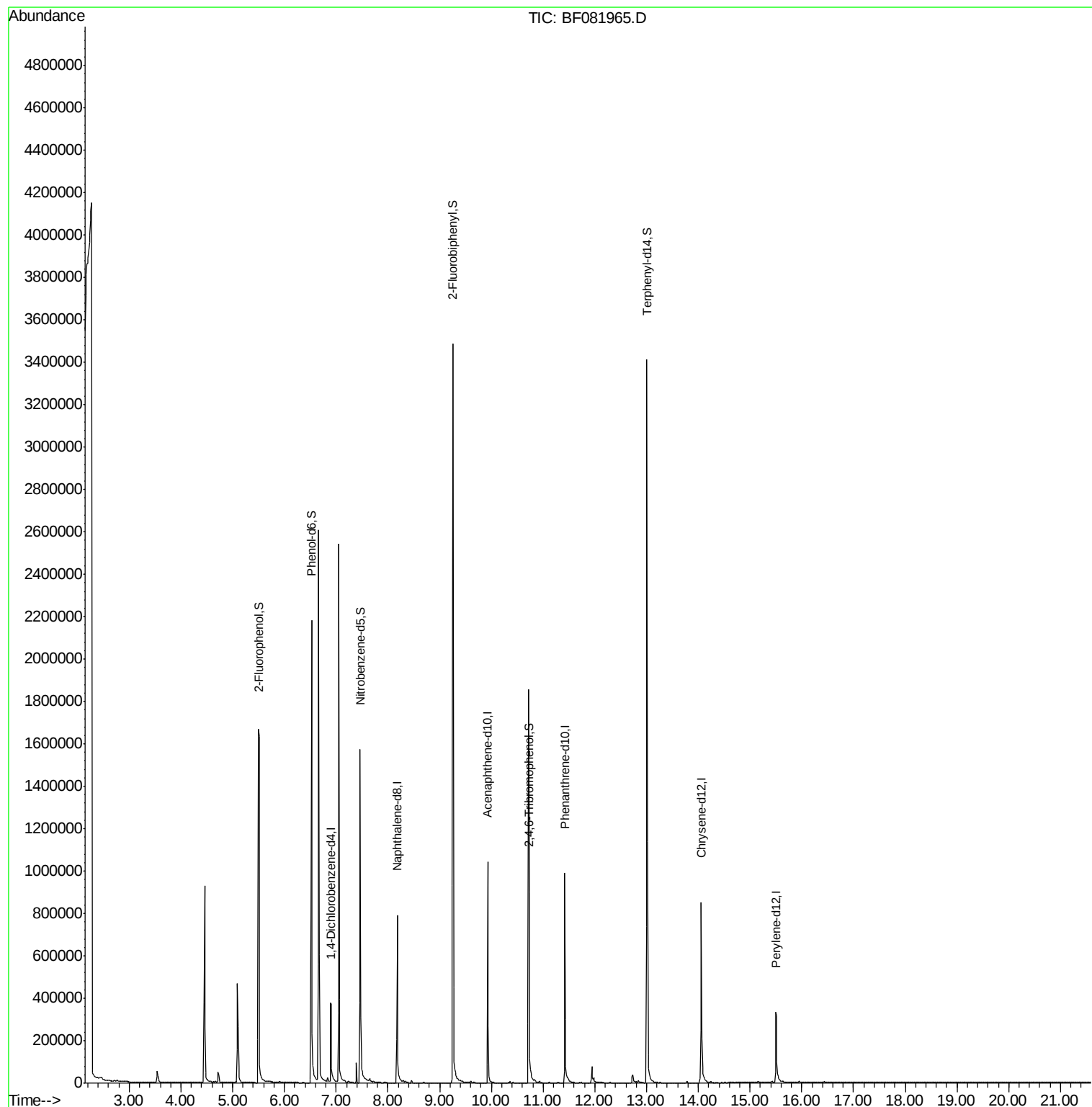
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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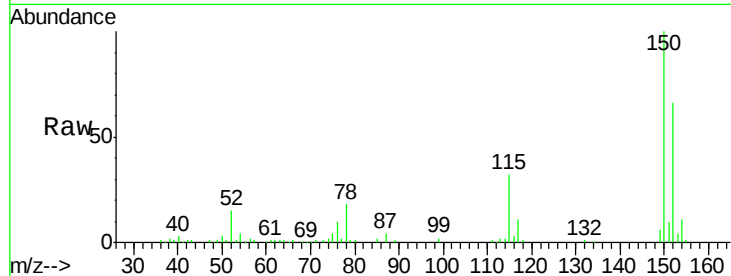




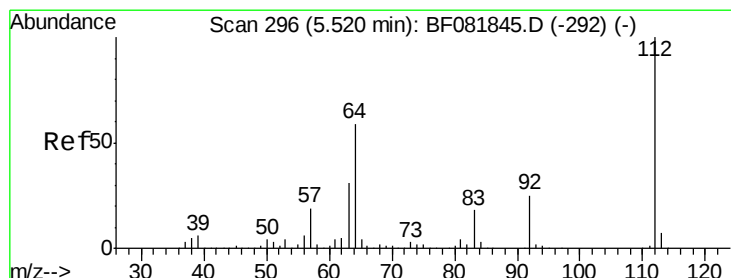
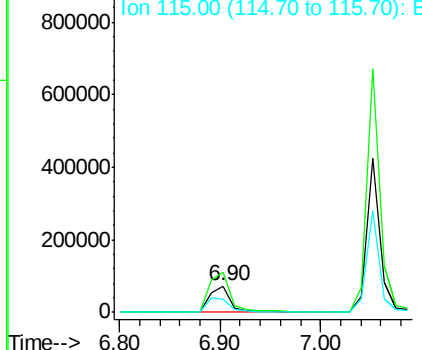
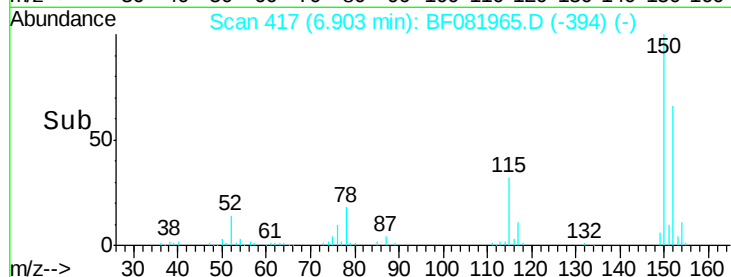
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.03 min
 Lab File: BF081965.D
 Acq: 2 Oct 2015 4:15

Instrument :
 BNA_F
 ClientSampleId :
 A4-COMP

Tgt Ion:152 Resp: 111151
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.7 187.1
 115 48.6 39.0 58.4

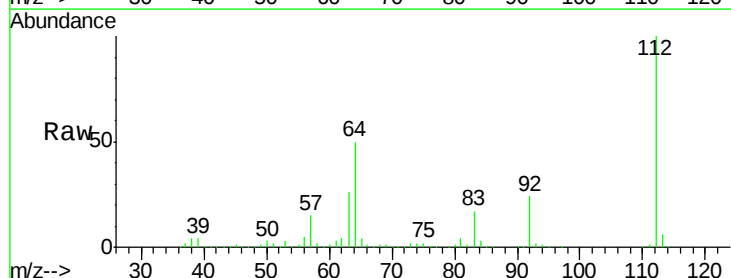


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

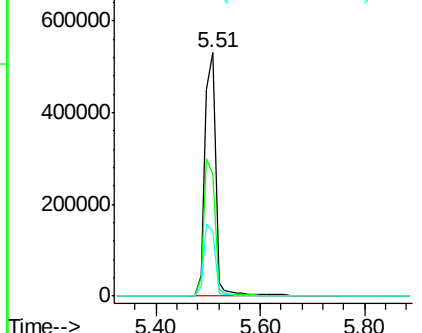
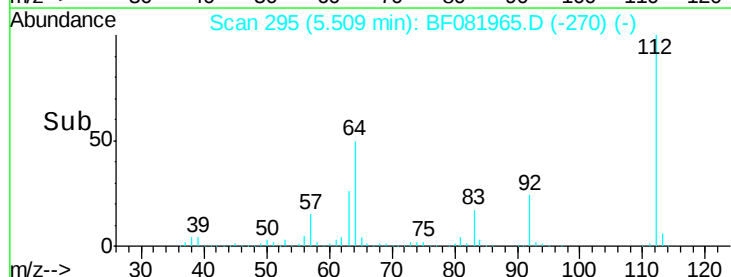


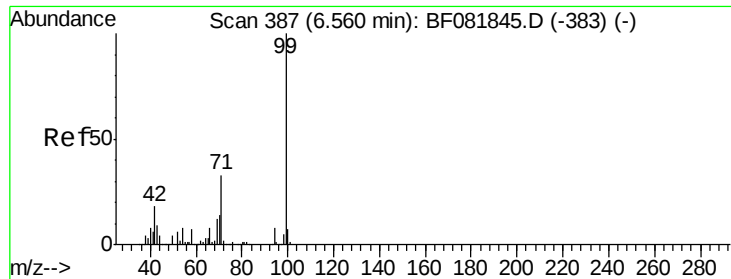
#5
 2-Fluorophenol
 Concen: 126.35 ng
 RT: 5.51 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: BF081965.D
 Acq: 2 Oct 2015 4:15

Tgt Ion:112 Resp: 773620
 Ion Ratio Lower Upper
 112 100
 64 50.1 39.7 59.5
 63 26.3 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: 115.46 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081965.D

Acq: 2 Oct 2015 4:15

Instrument :

BNA_F

ClientSampleId :

A4-COMP

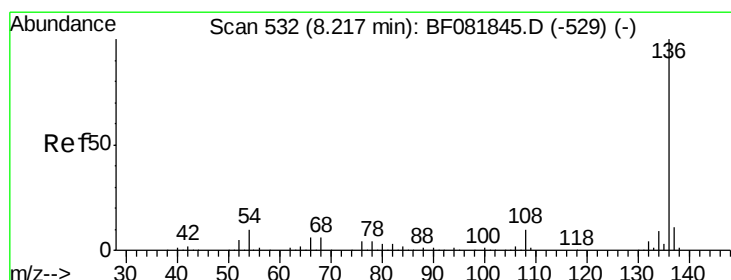
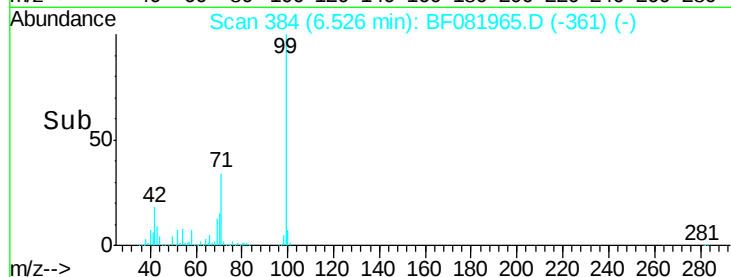
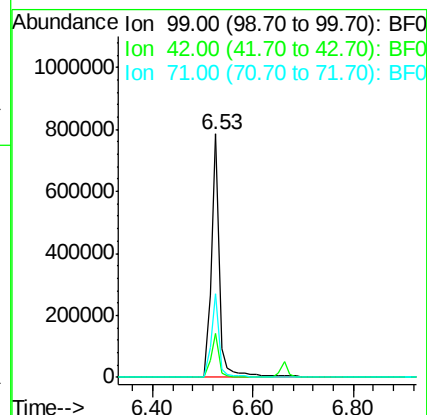
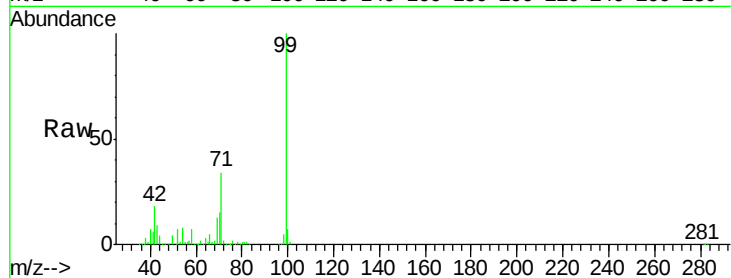
Tgt Ion: 99 Resp: 889550

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

71 34.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081965.D

Acq: 2 Oct 2015 4:15

Tgt Ion: 136 Resp: 460245

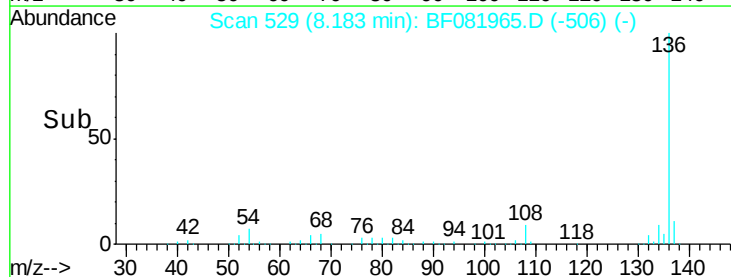
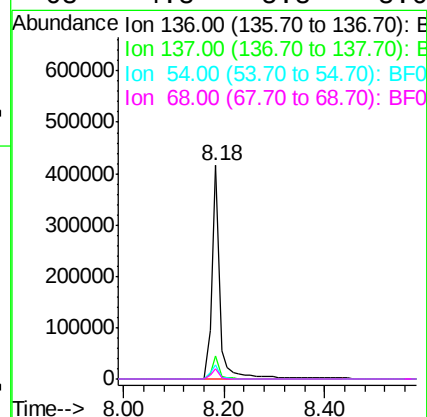
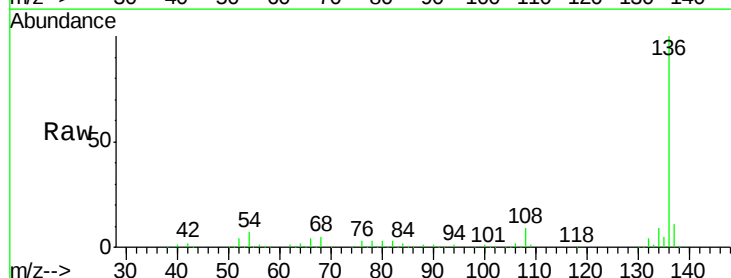
Ion Ratio Lower Upper

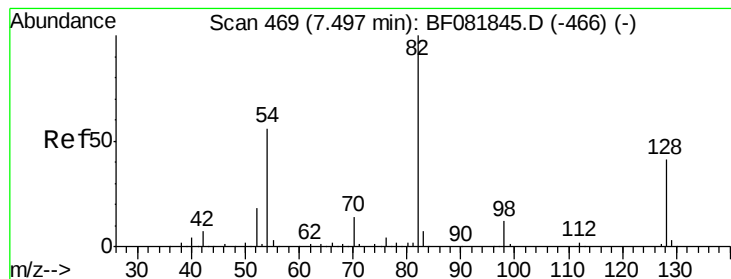
136 100

137 10.7 9.0 13.6

54 6.9 8.2 12.2#

68 4.8 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 94.37 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF081965.D

Acq: 2 Oct 2015 4:15

Instrument :

BNA_F

ClientSampleId :

A4-COMP

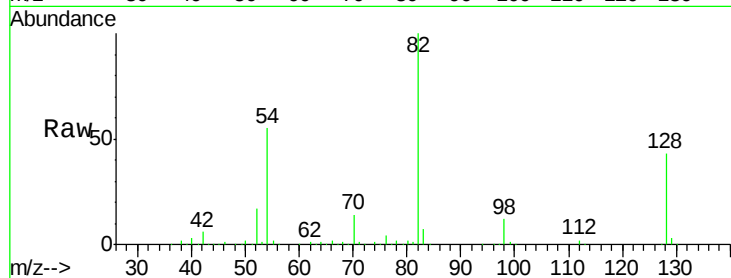
Tgt Ion: 82 Resp: 651542

Ion Ratio Lower Upper

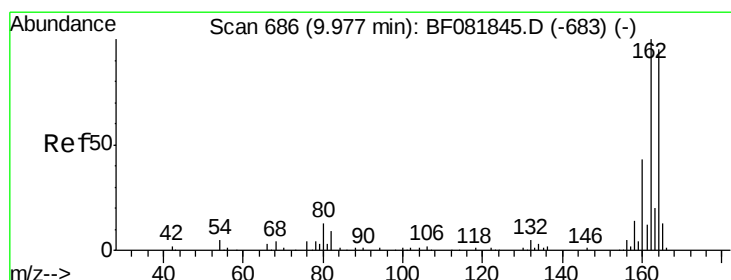
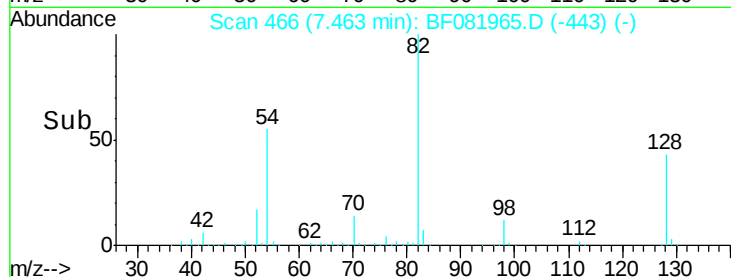
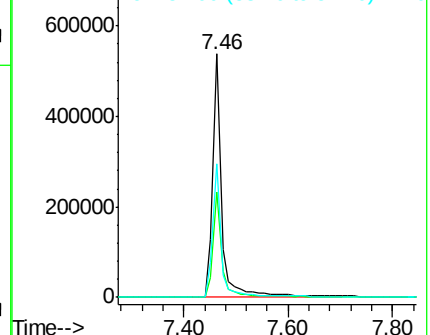
82 100

128 43.1 51.0 76.6#

54 54.9 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
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: BF081965.D

Acq: 2 Oct 2015 4:15

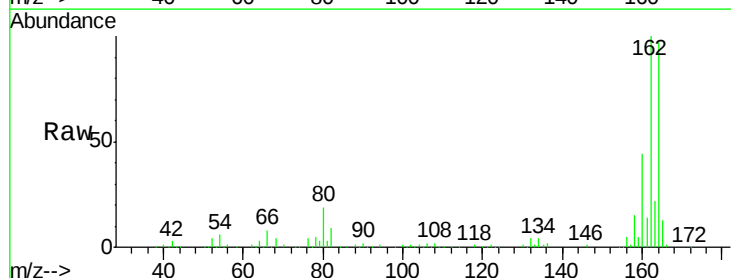
Tgt Ion: 164 Resp: 228634

Ion Ratio Lower Upper

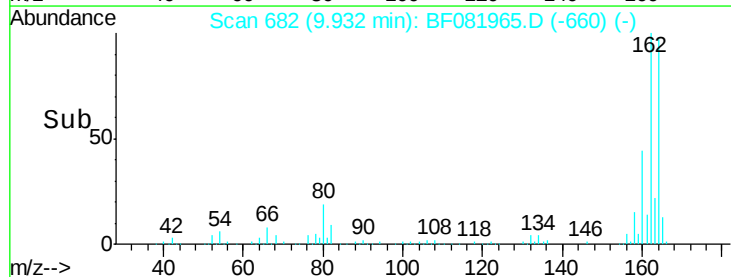
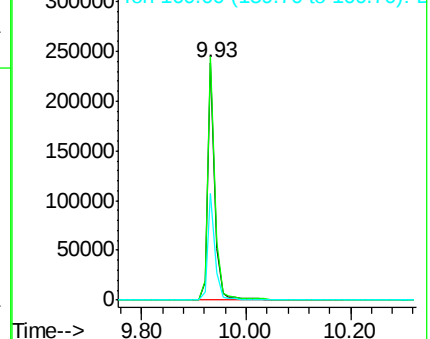
164 100

162 102.6 75.2 112.8

160 45.1 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

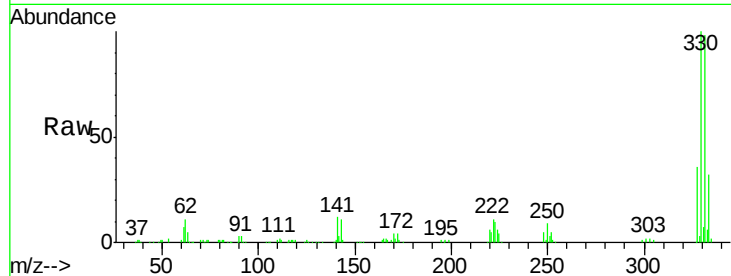




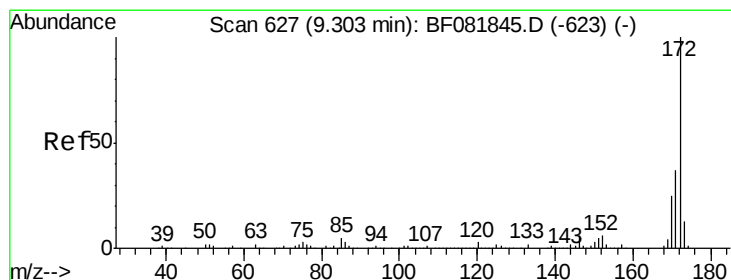
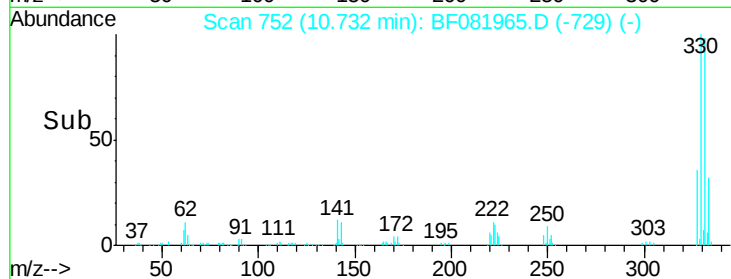
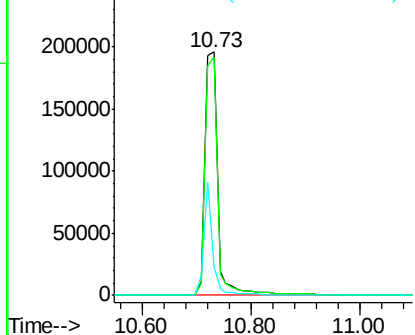
#41
 2,4,6-Tribromophenol
 Concen: 137.69 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081965.D
 Acq: 2 Oct 2015 4:15

Instrument :
 BNA_F
 ClientSampleId :
 A4-COMP

Tgt Ion:330 Resp: 318814
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 32.0 29.7 44.5

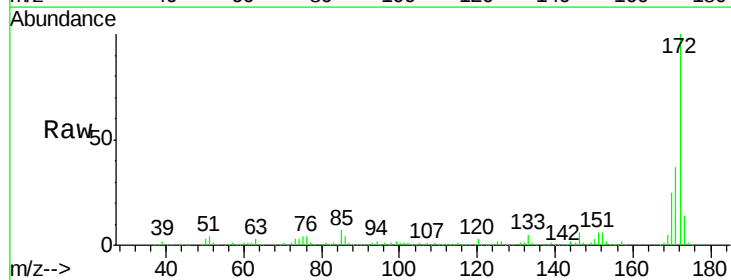


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

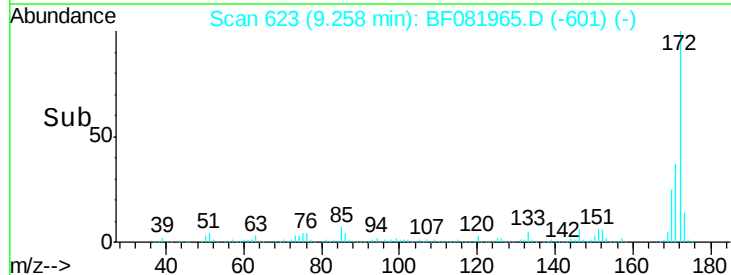
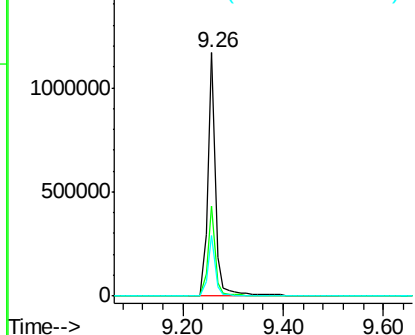


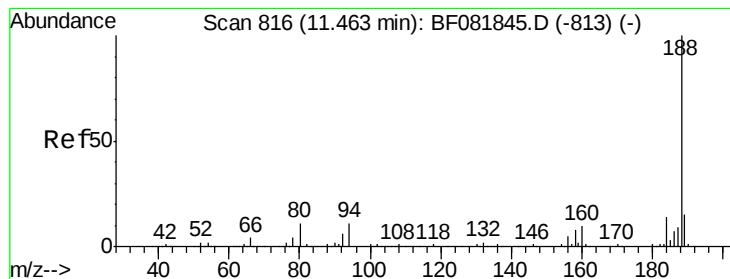
#44
 2-Fluorobiphenyl
 Concen: 94.61 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081965.D
 Acq: 2 Oct 2015 4:15

Tgt Ion:172 Resp: 1264446
 Ion Ratio Lower Upper
 172 100
 171 37.0 26.1 39.1
 170 25.1 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: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081965.D

Acq: 2 Oct 2015 4:15

Instrument :

BNA_F

ClientSampled :

A4-COMP

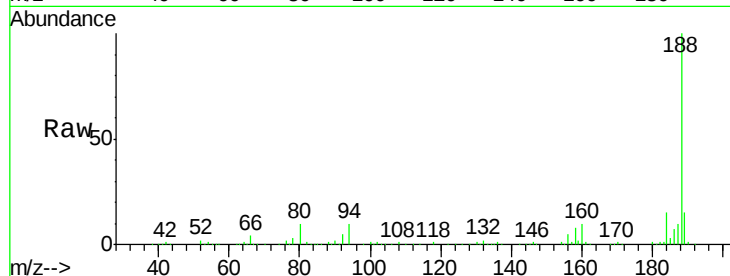
Tgt Ion:188 Resp: 470911

Ion Ratio Lower Upper

188 100

94 9.6 11.1 16.7#

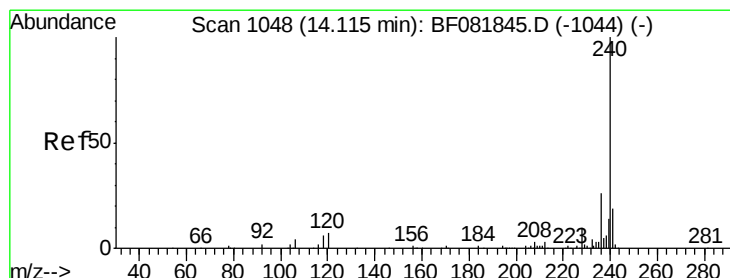
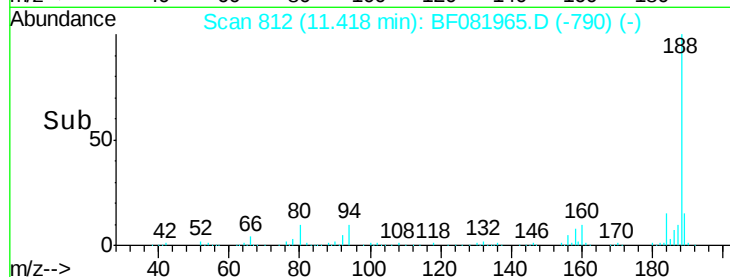
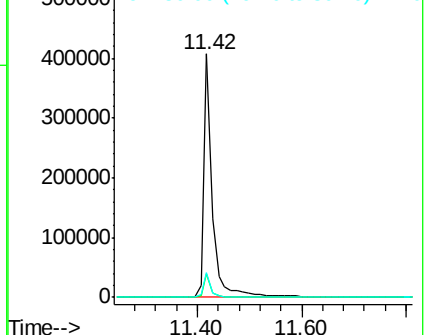
80 10.1 11.0 16.4#



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: BF081965.D

Acq: 2 Oct 2015 4:15

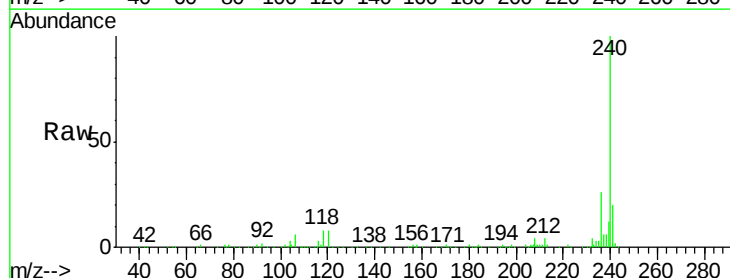
Tgt Ion:240 Resp: 424448

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

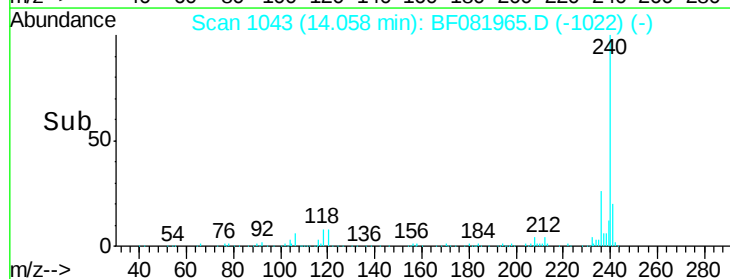
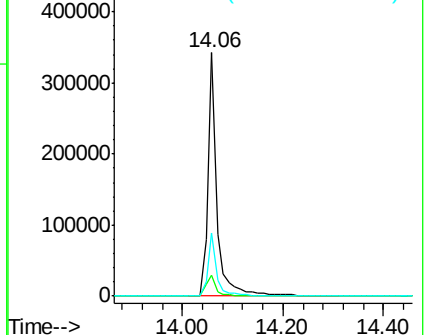
236 26.0 18.4 27.6

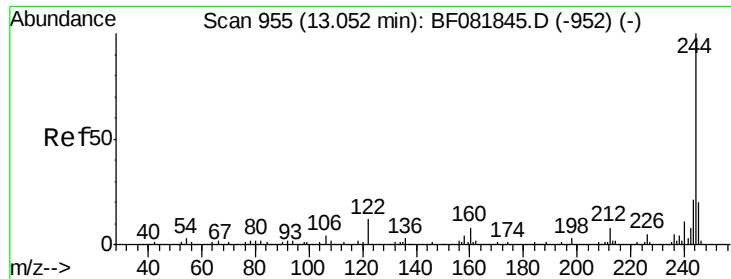


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

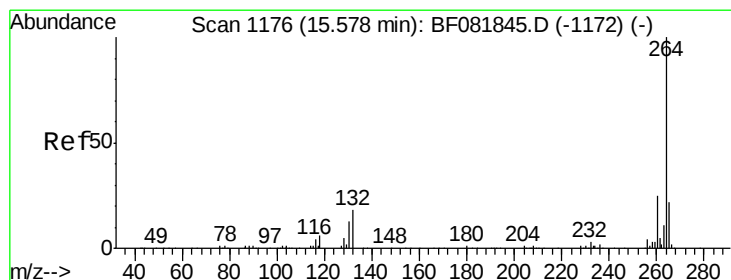
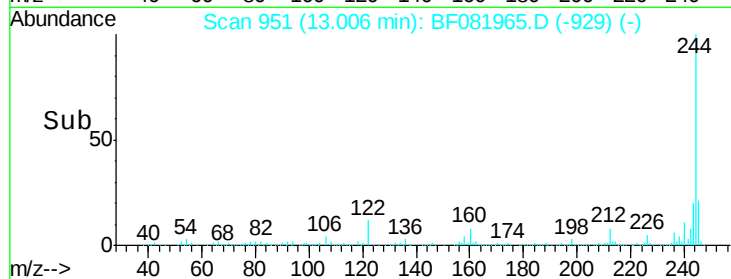
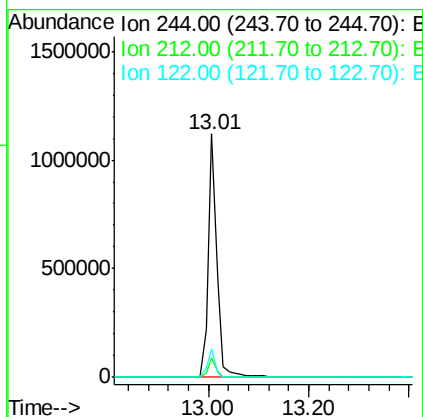
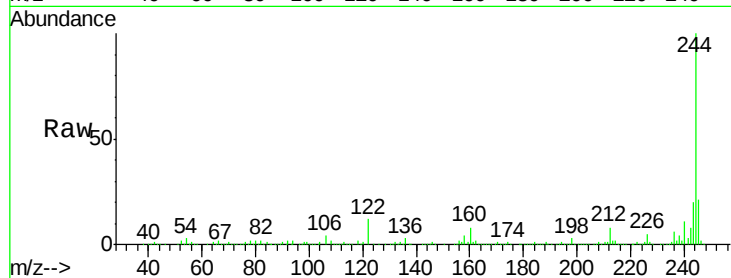




#78
 Terphenyl-d14
 Concen: 110.81 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081965.D
 Acq: 2 Oct 2015 4:15

Instrument :
 BNA_F
 ClientSampleId :
 A4-COMP

Tgt Ion:244 Resp: 1336681
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 11.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.08 min
 Lab File: BF081965.D
 Acq: 2 Oct 2015 4:15

Tgt Ion:264 Resp: 224232
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 21.2 17.2 25.8

