

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100715\
 Data File : BF082113.D
 Acq On : 7 Oct 2015 19:33
 Operator : UM/IZ
 Sample : G3897-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Oct 08 04:06:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84596	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	340765	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	162859	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	347318	20.00	ng	0.00
75) Chrysene-d12	14.05	240	319886	20.00	ng	-0.01
86) Perylene-d12	15.49	264	245758	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	264021	56.66	ng	0.00
7) Phenol-d6	6.49	99	199774	34.07	ng	-0.01
23) Nitrobenzene-d5	7.44	82	492516	96.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	226065	137.06	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1027869	112.60	ng	-0.01
78) Terphenyl-d14	12.99	244	1126505	134.77	ng	0.00

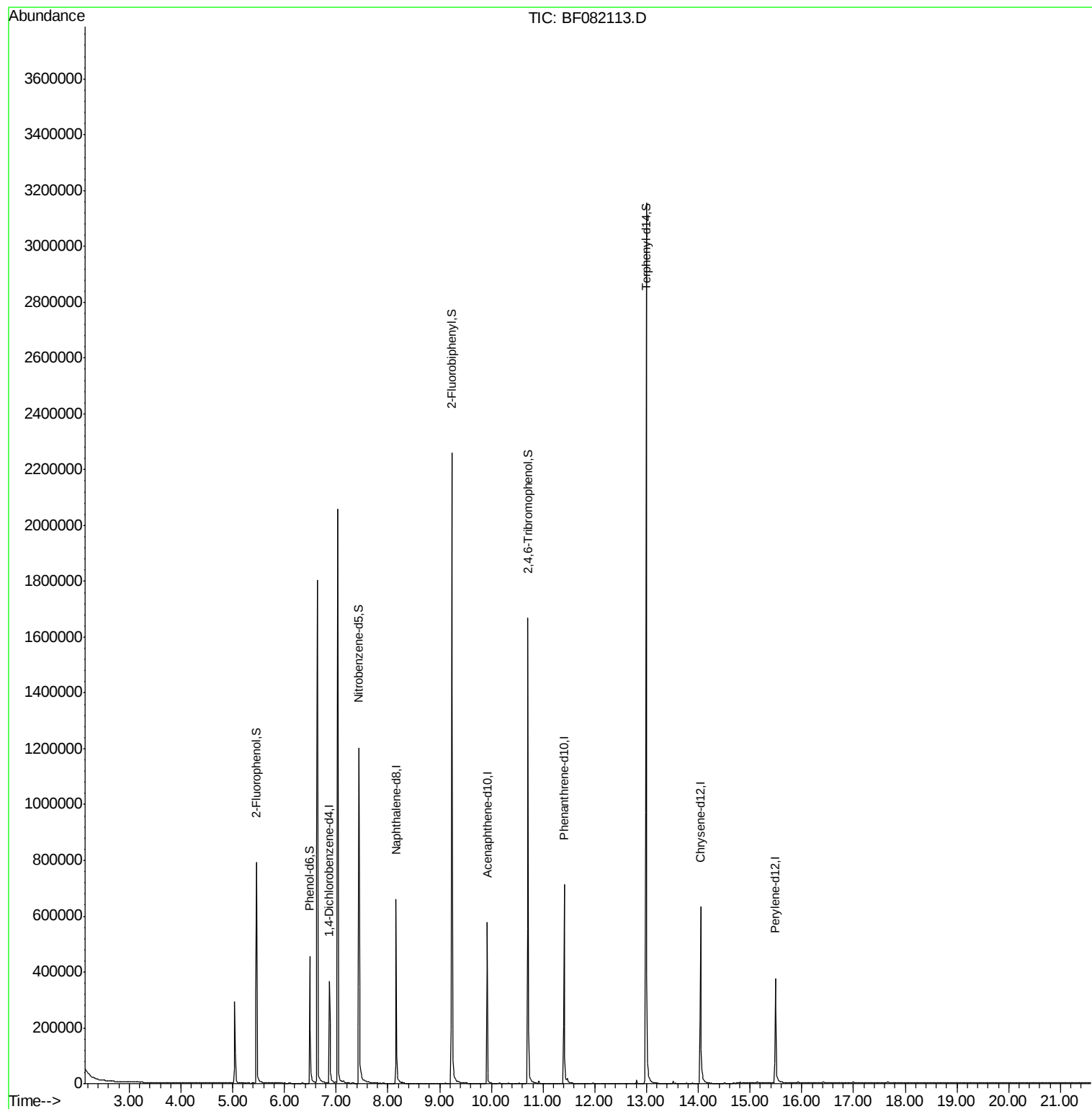
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 02:46:05 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082113.D

Acq: 7 Oct 2015 19:33

Instrument :

BNA_F

ClientSampleId :

FB

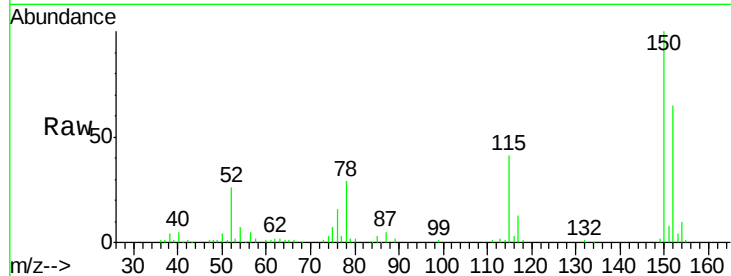
Tgt Ion:152 Resp: 84596

Ion Ratio Lower Upper

152 100

150 154.8 124.7 187.1

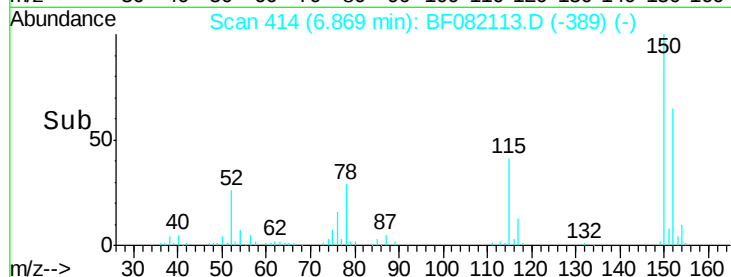
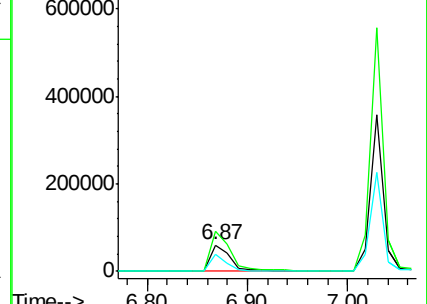
115 63.3 39.0 58.4#



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: 56.66 ng

RT: 5.46 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF082113.D

Acq: 7 Oct 2015 19:33

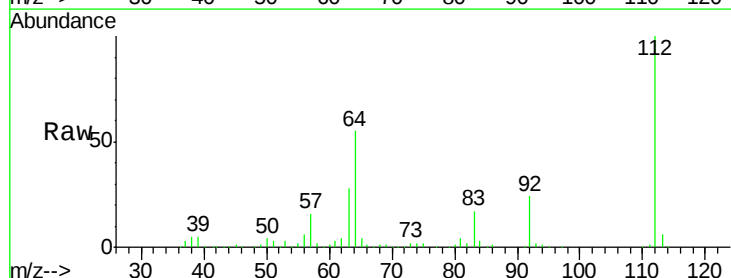
Tgt Ion:112 Resp: 264021

Ion Ratio Lower Upper

112 100

64 55.1 39.7 59.5

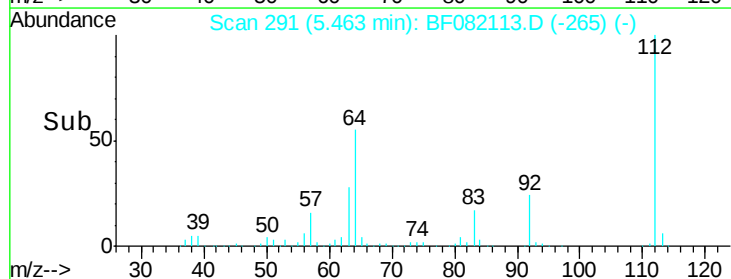
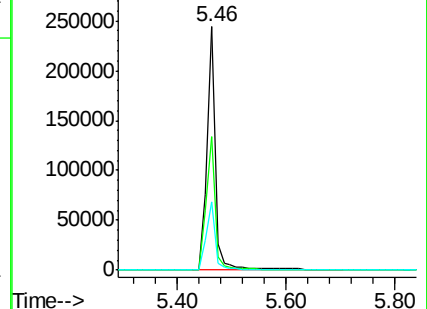
63 27.9 17.4 26.0#

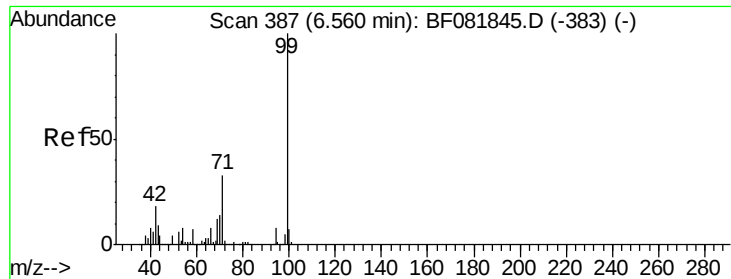


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.07 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082113.D

Acq: 7 Oct 2015 19:33

Instrument :

BNA_F

ClientSampleId :

FB

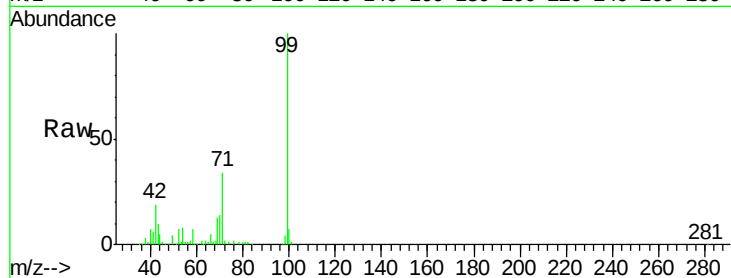
Tgt Ion: 99 Resp: 199774

Ion Ratio Lower Upper

99 100

42 18.8 13.7 20.5

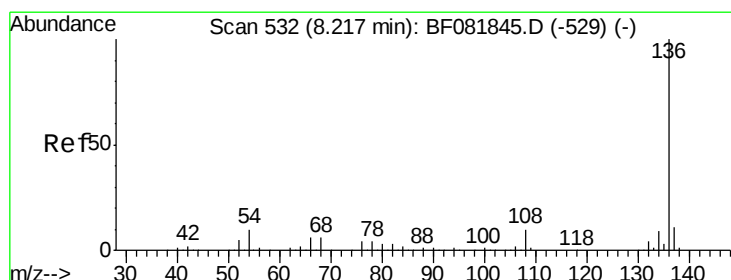
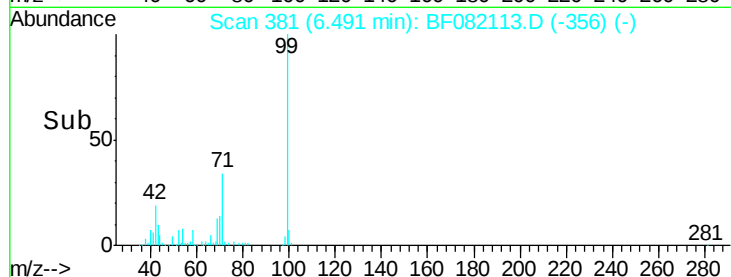
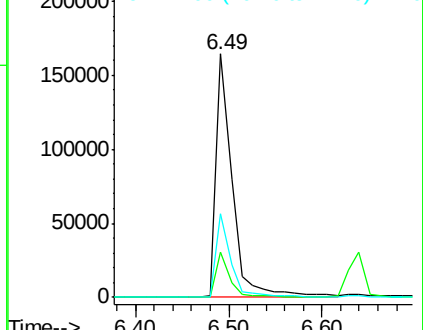
71 34.3 14.2 21.2#



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: 8.16 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF082113.D

Acq: 7 Oct 2015 19:33

Tgt Ion: 136 Resp: 340765

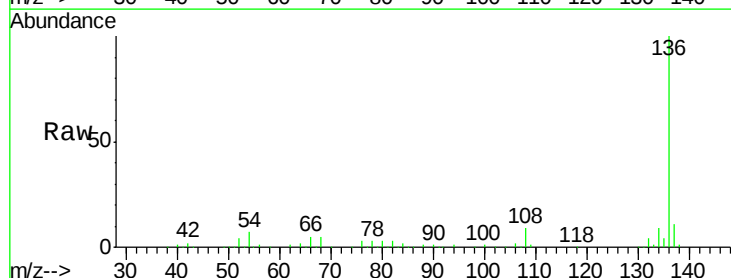
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.5 8.2 12.2#

68 5.1 5.8 8.6#

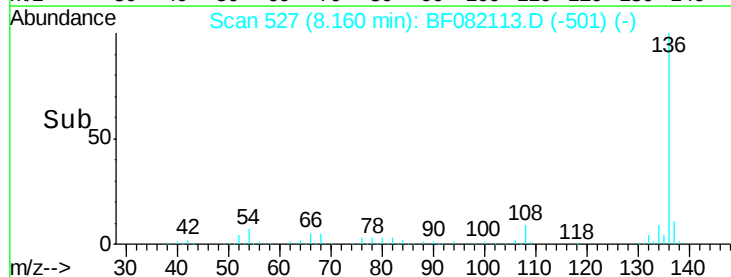
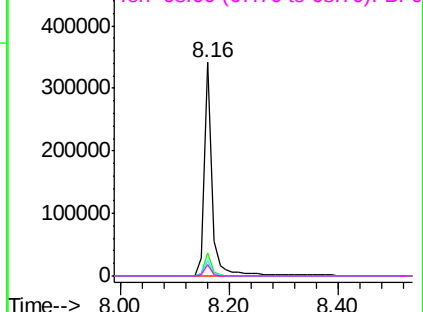


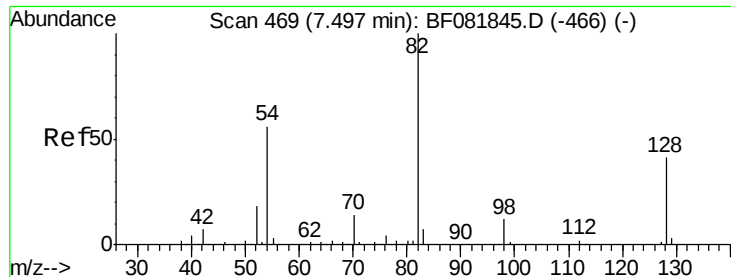
Abundance Ion 136.00 (135.70 to 136.70): E

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

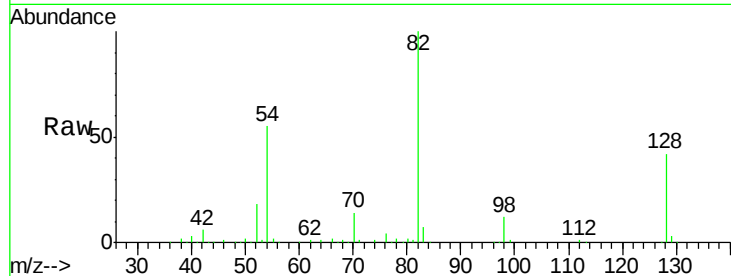




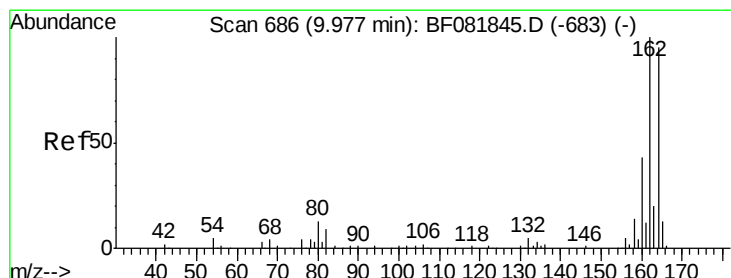
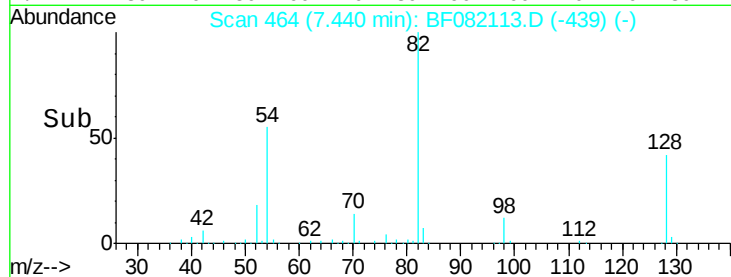
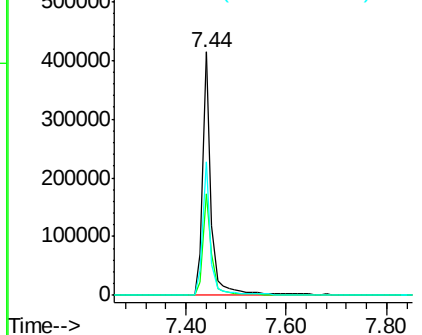
#23
 Nitrobenzene-d5
 Concen: 96.35 ng
 RT: 7.44 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion: 82 Resp: 492516
 Ion Ratio Lower Upper
 82 100
 128 41.9 51.0 76.6#
 54 54.6 47.5 71.3

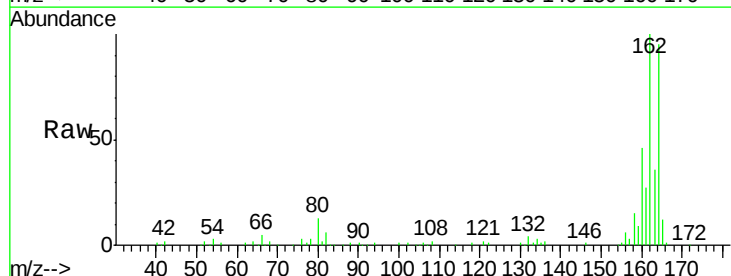


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

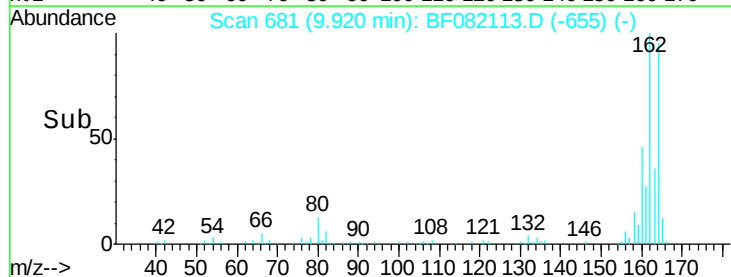
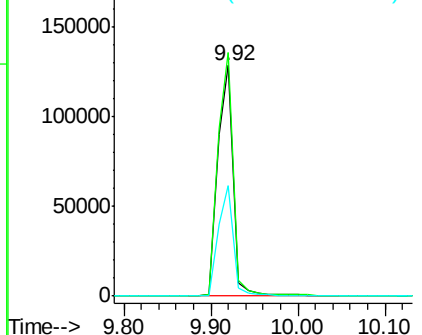


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Tgt Ion: 164 Resp: 162859
 Ion Ratio Lower Upper
 164 100
 162 105.7 75.2 112.8
 160 48.2 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

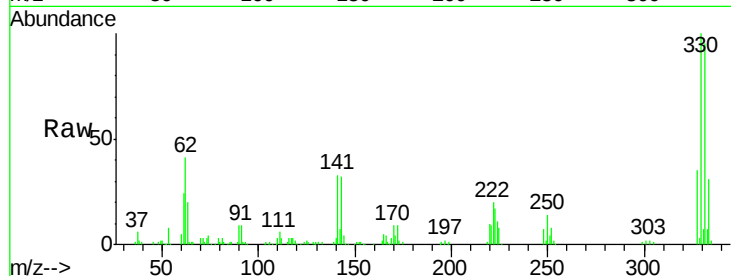




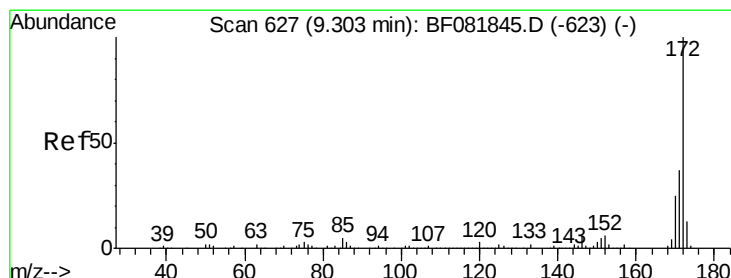
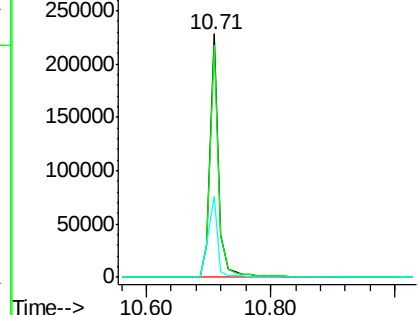
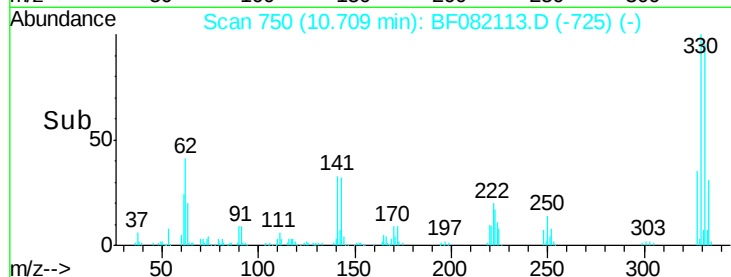
#41
 2,4,6-Tribromophenol
 Concen: 137.06 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:330 Resp: 226065
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 36.7 29.7 44.5

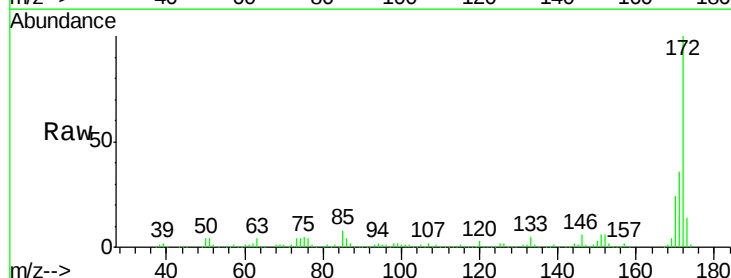


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

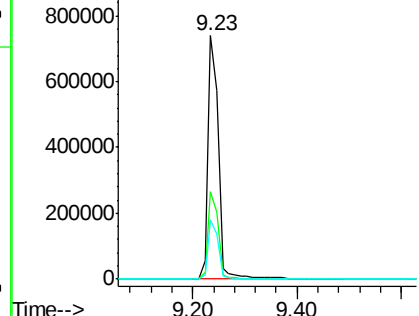
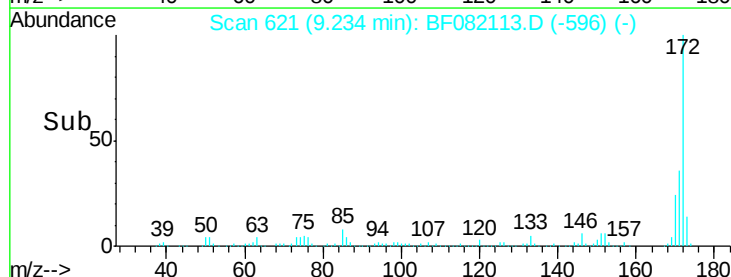


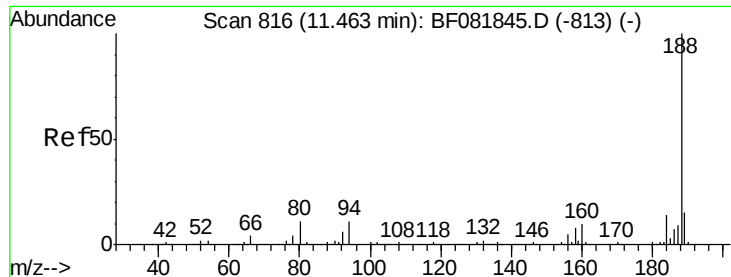
#44
 2-Fluorobiphenyl
 Concen: 112.60 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Tgt Ion:172 Resp: 1027869
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 24.2 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

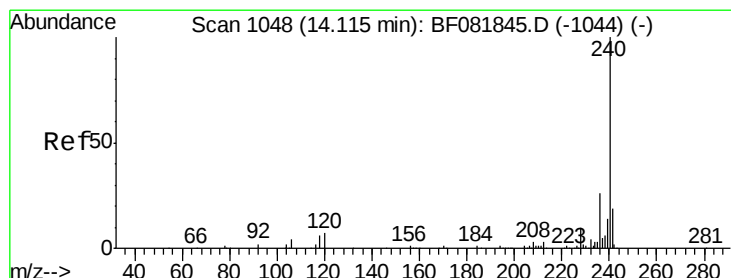
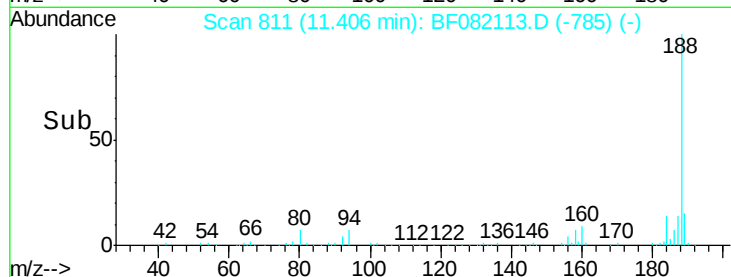
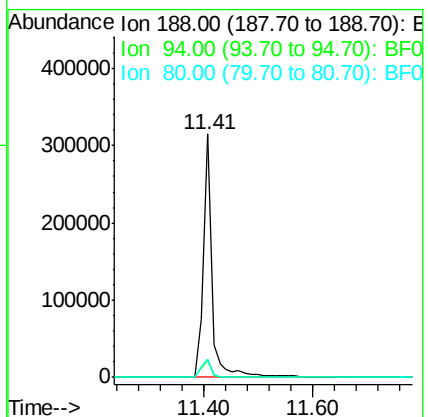
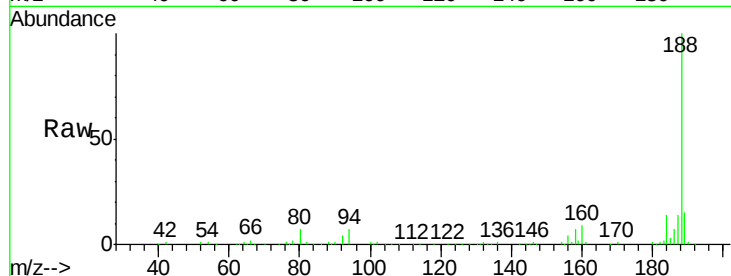




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

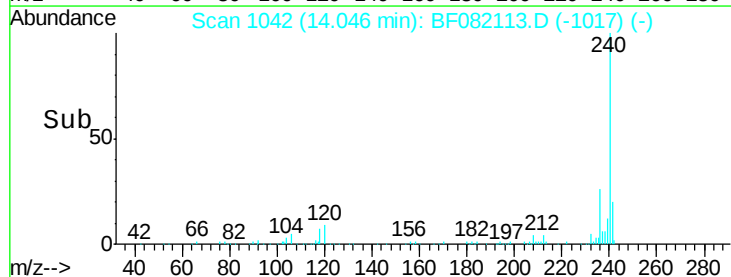
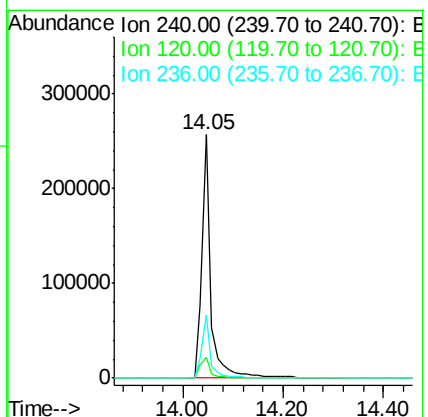
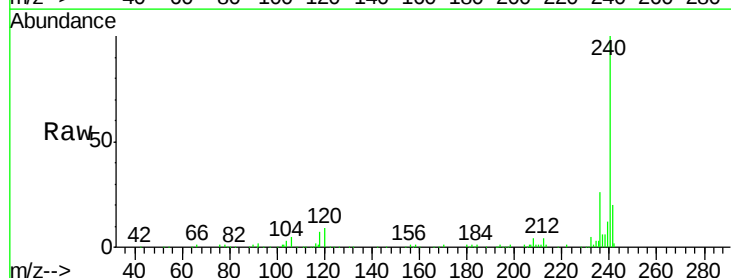
Instrument :
 BNA_F
 ClientSampleId :
 FB

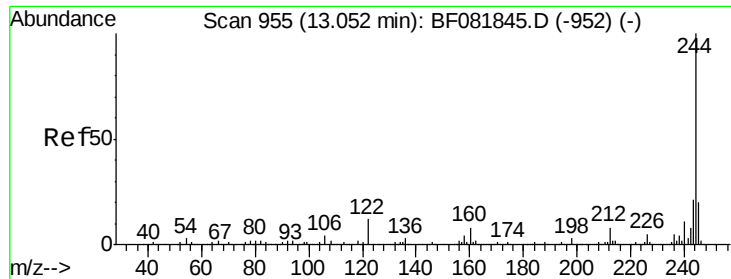
Tgt Ion:188 Resp: 347318
 Ion Ratio Lower Upper
 188 100
 94 6.9 11.1 16.7#
 80 7.3 11.0 16.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Tgt Ion:240 Resp: 319886
 Ion Ratio Lower Upper
 240 100
 120 8.5 16.2 24.2#
 236 26.0 18.4 27.6

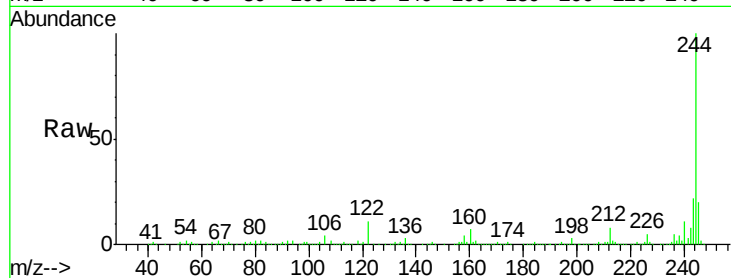




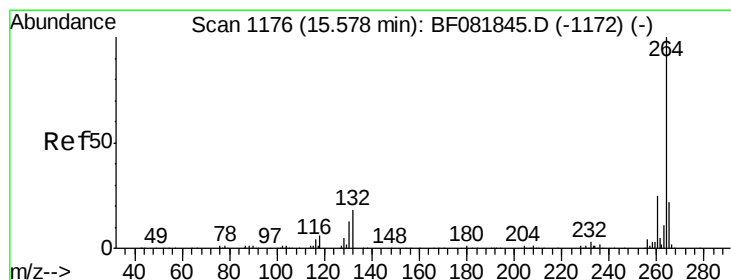
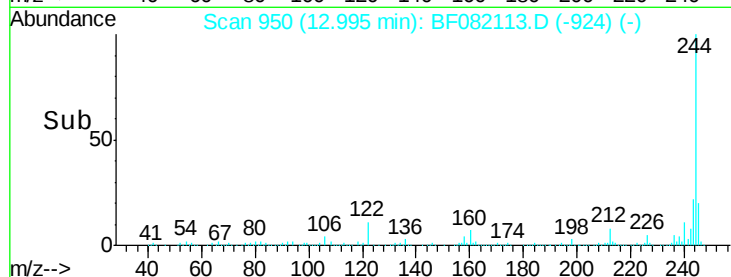
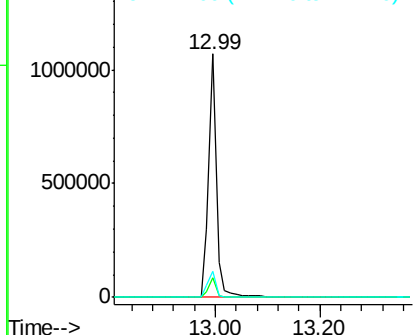
#78
 Terphenyl-d14
 Concen: 134.77 ng
 RT: 12.99 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Instrument :
 BNA_F
 ClientSampled :
 FB

Tgt Ion:244 Resp: 1126505
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 10.6 17.4 26.2#

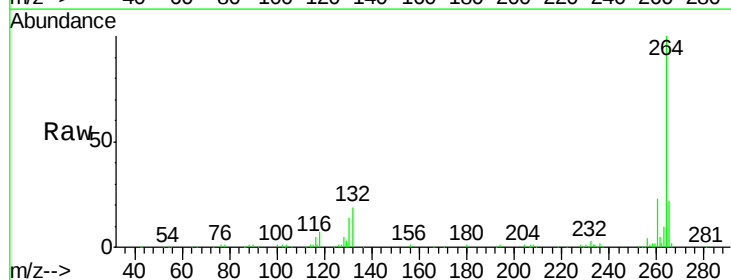


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF082113.D
 Acq: 7 Oct 2015 19:33

Tgt Ion:264 Resp: 245758
 Ion Ratio Lower Upper
 264 100
 260 22.9 16.7 25.1
 265 21.8 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

