

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081106.D
 Acq On : 20 Aug 2015 4:10
 Operator : UM/IZ
 Sample : G3304-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-8

Quant Time: Aug 20 04:47:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

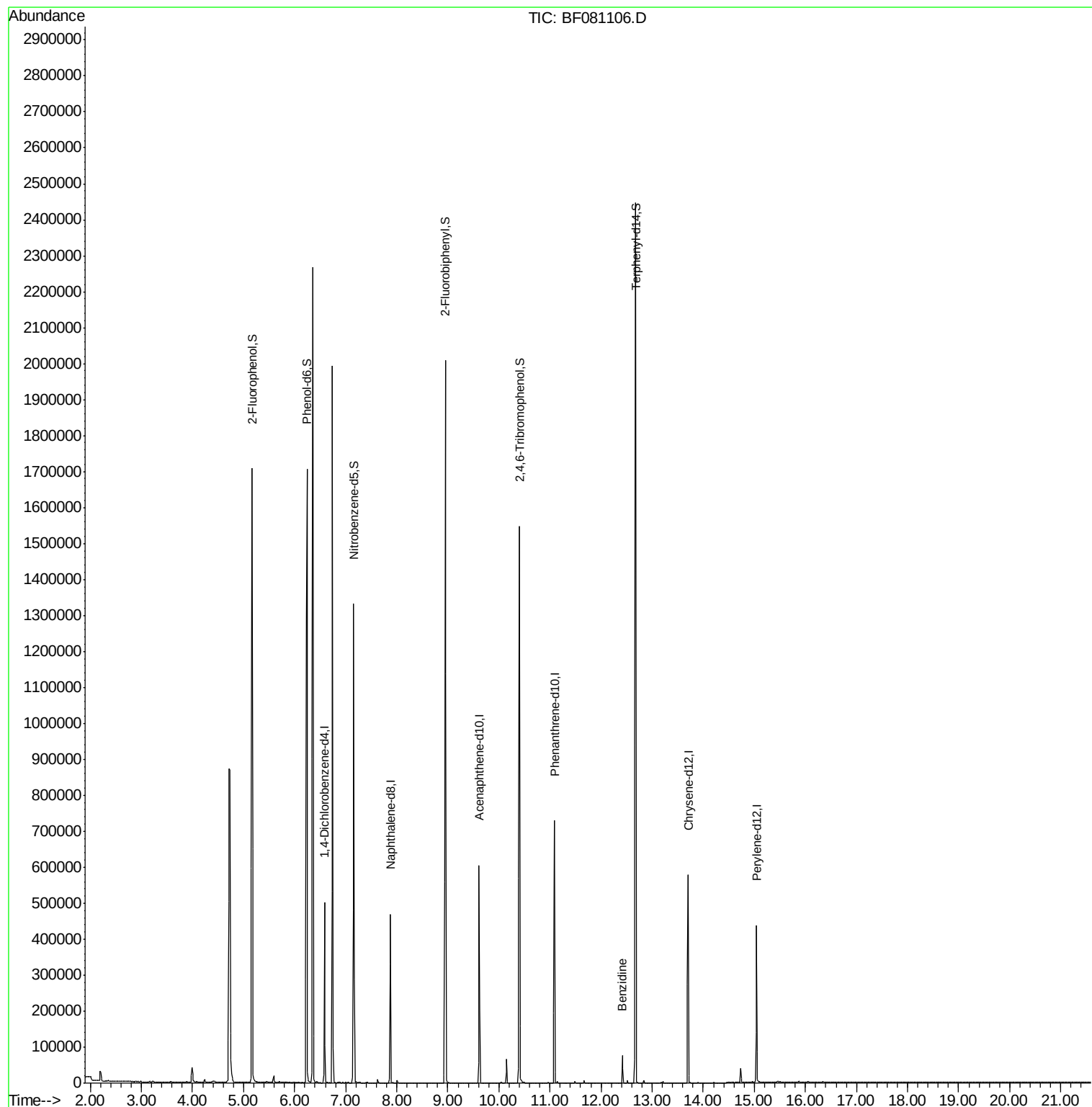
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	66599	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	270191	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	122057	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	264963	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	224852	20.00	ng	-0.04
86) Perylene-d12	15.04	264	169888	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	536882	121.25	ng	-0.02
7) Phenol-d6	6.24	99	789538	136.66	ng	-0.02
23) Nitrobenzene-d5	7.16	82	483471	81.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	149091	140.91	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	857045	92.00	ng	-0.04
78) Terphenyl-d14	12.68	244	786732	75.01	ng	-0.03
Target Compounds						
76) Benzidine	12.41	184	36655	4.32	ng	Qvalue 99

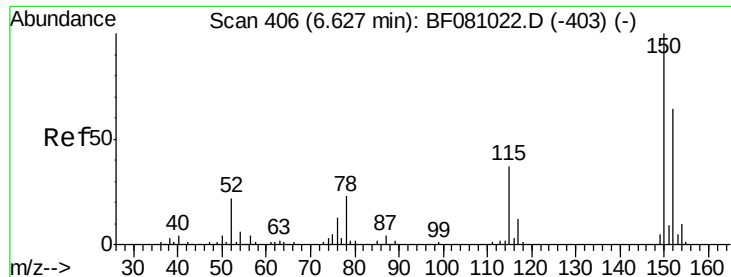
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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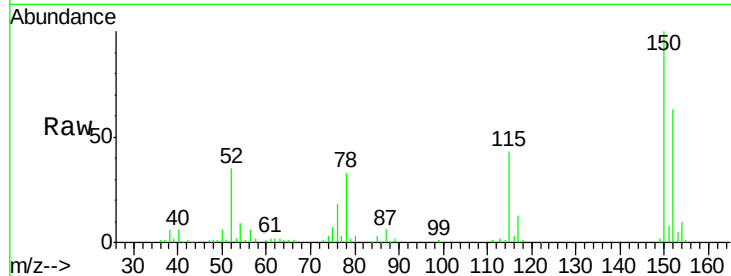




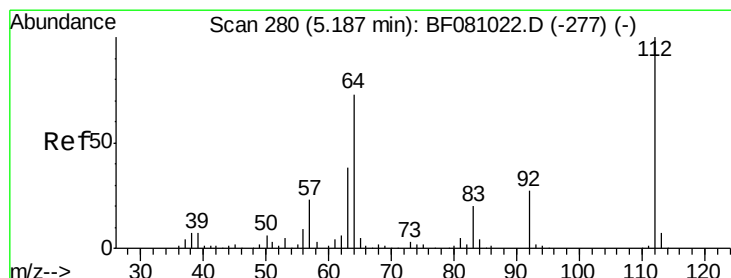
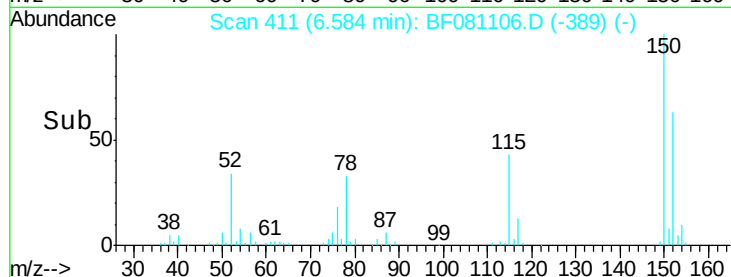
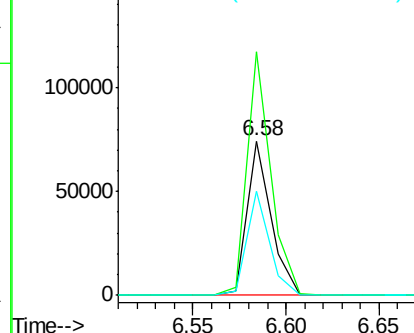
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 411
 Delta R.T. -0.04 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-8

Tgt Ion:152 Resp: 66599
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.8 185.6
 115 67.7 52.1 78.1

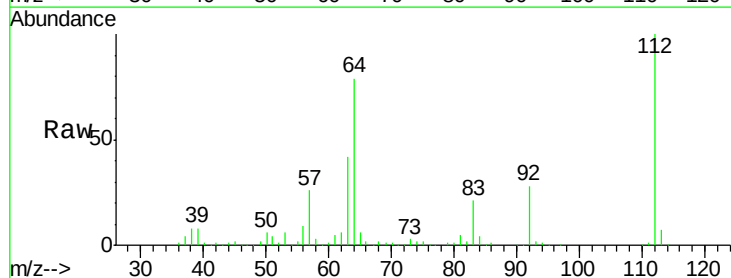


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

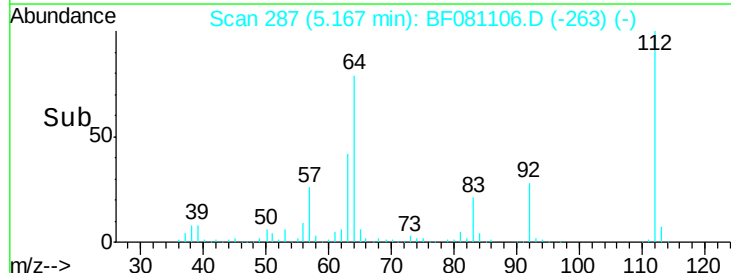
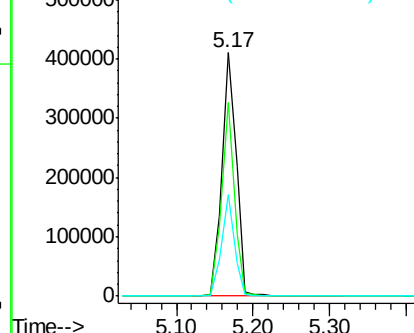


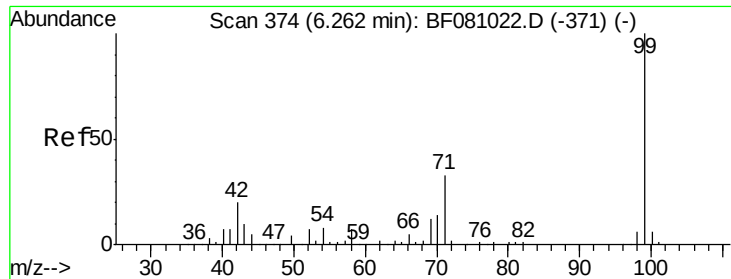
#5
 2-Fluorophenol
 Concen: 121.25 ng
 RT: 5.17 min Scan# 287
 Delta R.T. -0.02 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

Tgt Ion:112 Resp: 536882
 Ion Ratio Lower Upper
 112 100
 64 79.4 66.9 100.3
 63 41.7 38.1 57.1



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: 136.66 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-8

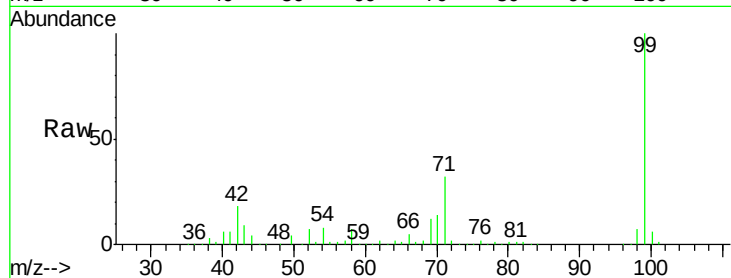
Tgt Ion: 99 Resp: 789538

Ion Ratio Lower Upper

99 100

42 17.7 19.6 29.4#

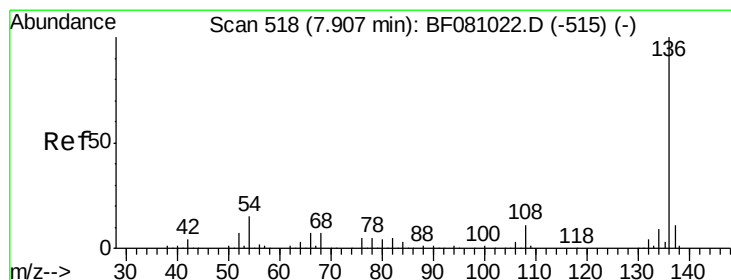
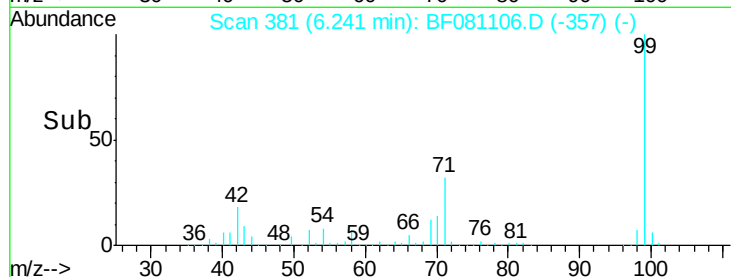
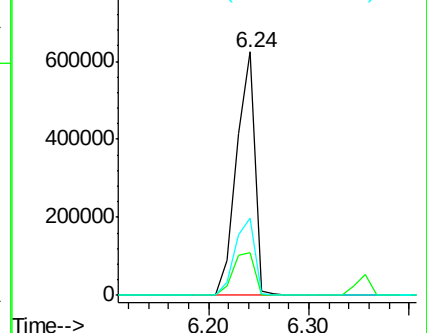
71 31.9 31.2 46.8



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: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

Tgt Ion: 136 Resp: 270191

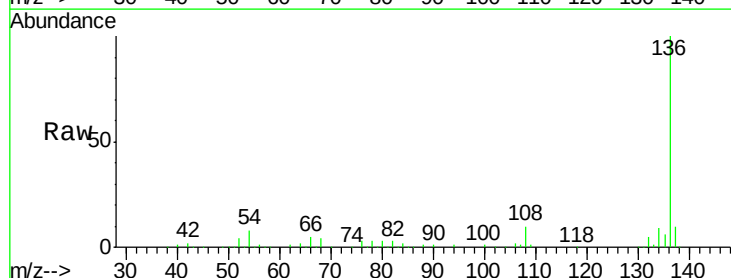
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 7.8 7.7 11.5

68 4.4 3.4 5.2

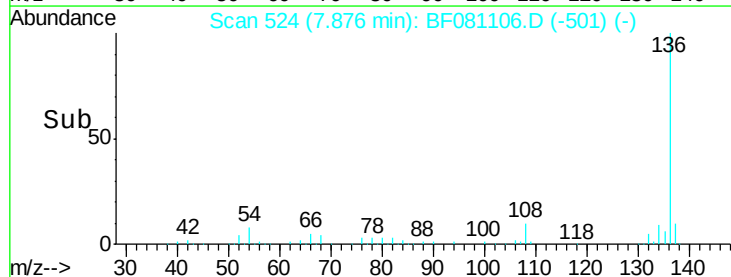
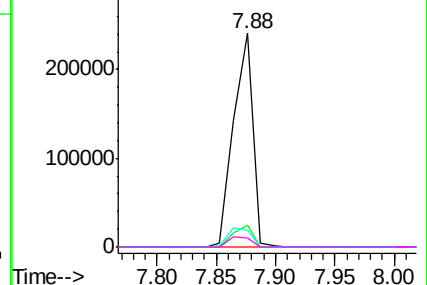


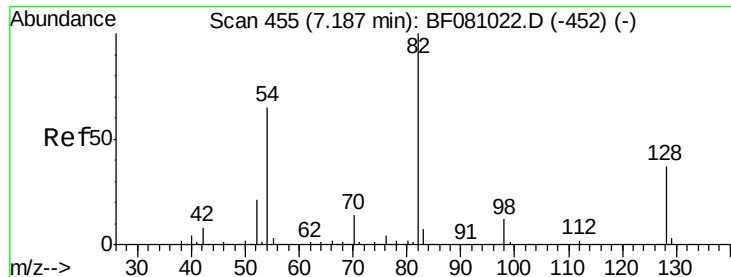
Abundance Ion 136.00 (135.70 to 136.70): E

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

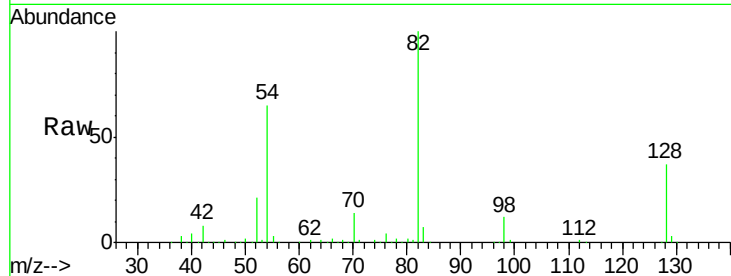




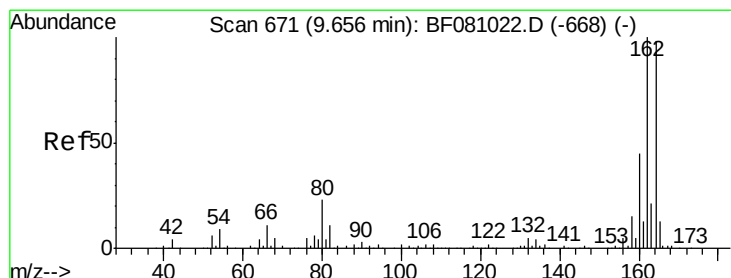
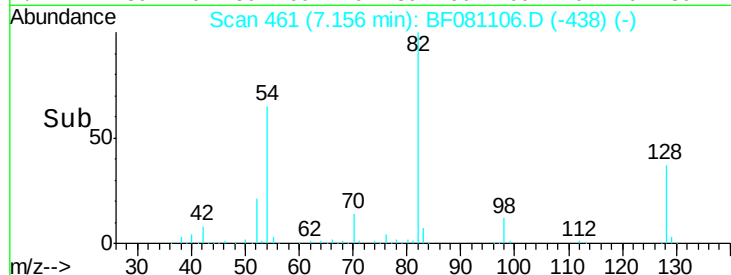
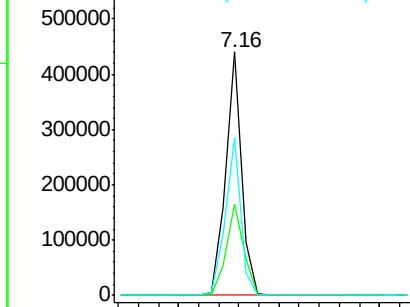
#23
 Nitrobenzene-d5
 Concen: 81.74 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-8

Tgt Ion: 82 Resp: 483471
 Ion Ratio Lower Upper
 82 100
 128 37.4 28.6 42.8
 54 64.7 55.1 82.7

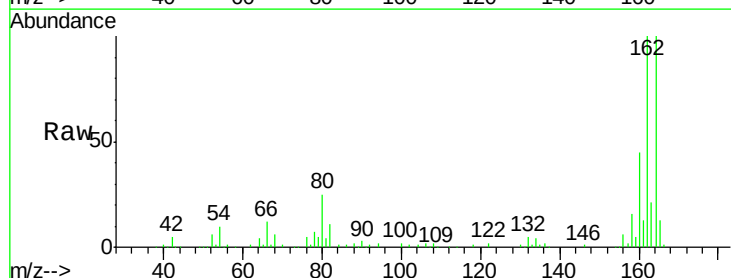


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

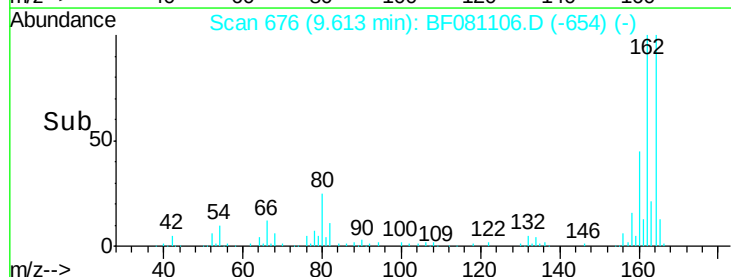
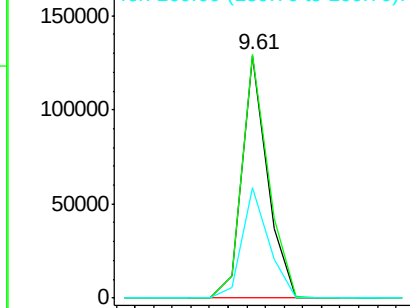


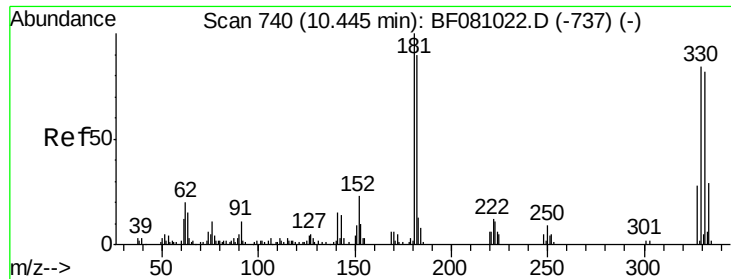
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081106.D
 Acq: 20 Aug 2015 4:10

Tgt Ion: 164 Resp: 122057
 Ion Ratio Lower Upper
 164 100
 162 100.4 83.8 125.8
 160 45.3 39.8 59.8



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: 140.91 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-8

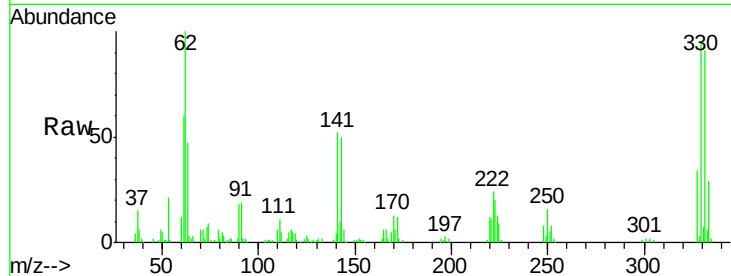
Tgt Ion:330 Resp: 149091

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

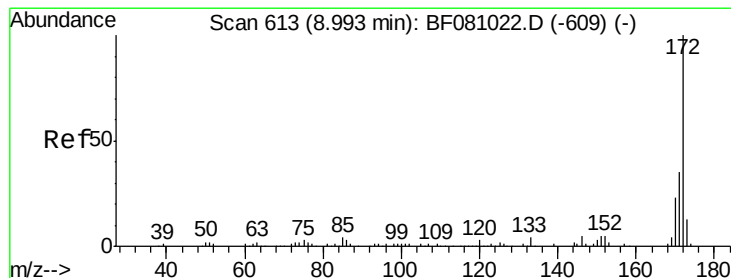
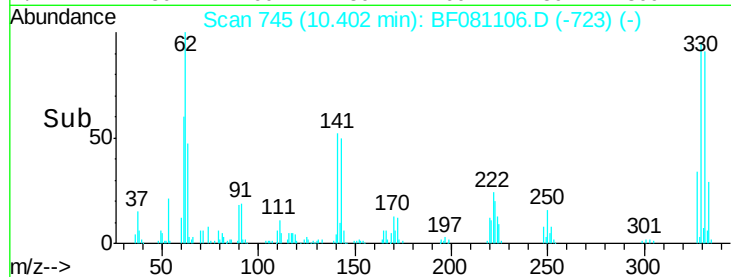
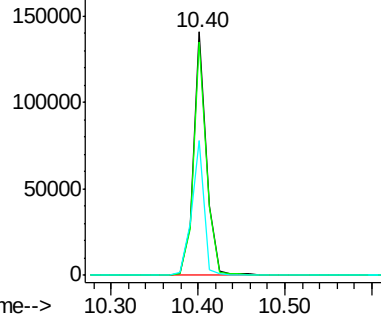
141 52.7 44.9 67.3



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: 92.00 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

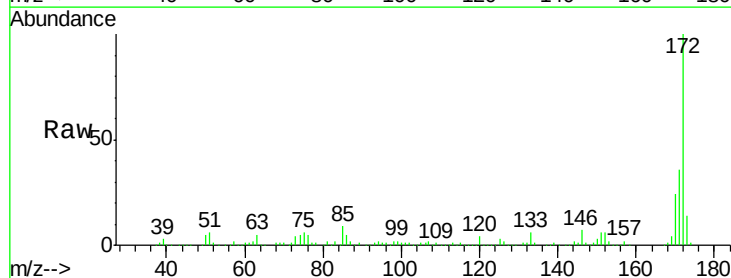
Tgt Ion:172 Resp: 857045

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

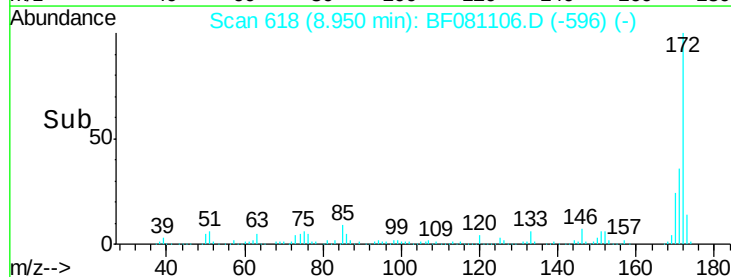
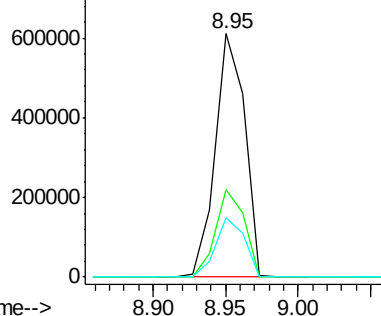
170 24.2 19.4 29.2

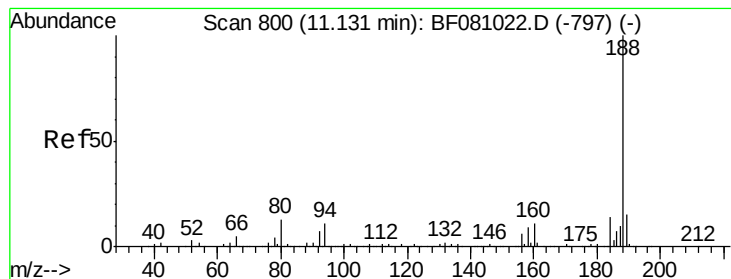


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-8

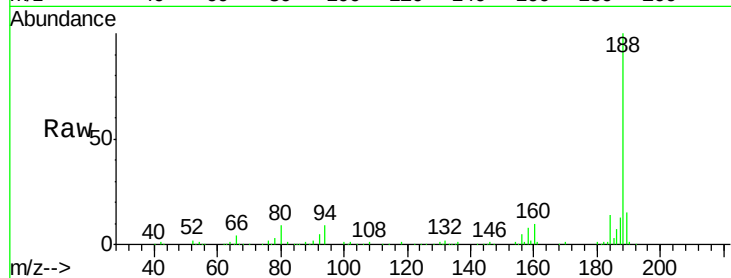
Tgt Ion:188 Resp: 264963

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

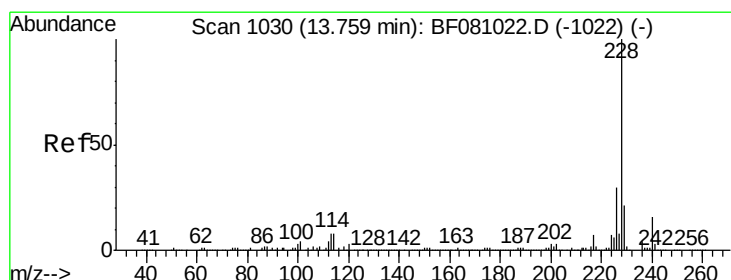
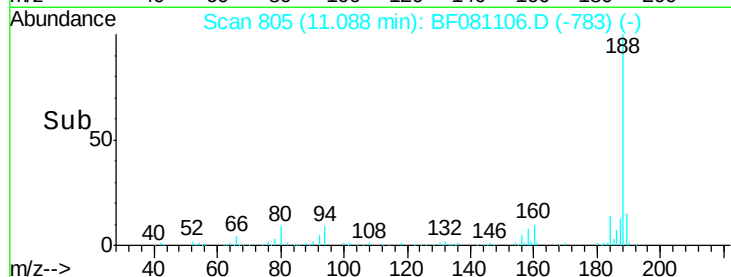
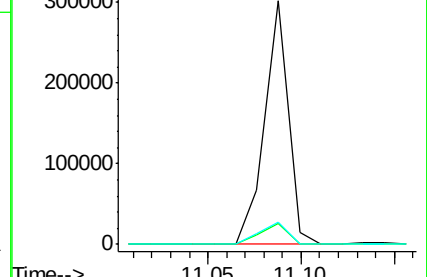
80 9.3 9.5 14.3#



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: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081106.D

Acq: 20 Aug 2015 4:10

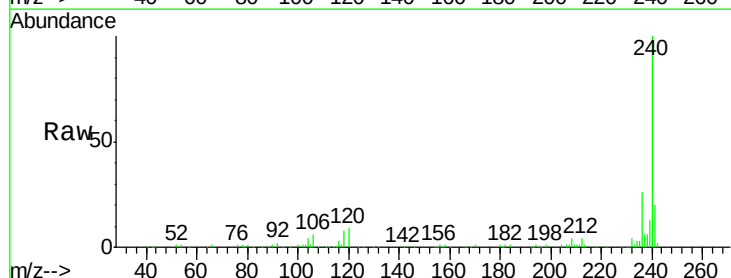
Tgt Ion:240 Resp: 224852

Ion Ratio Lower Upper

240 100

120 8.7 5.6 8.4#

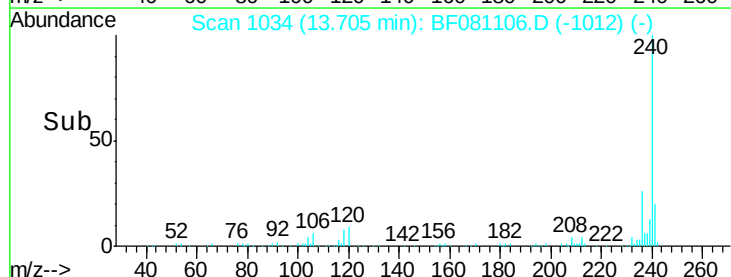
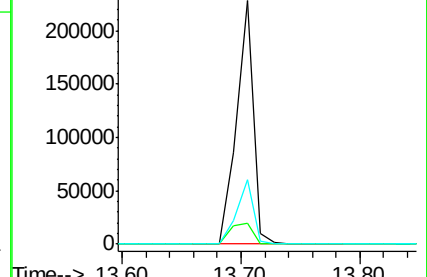
236 26.3 20.6 30.8

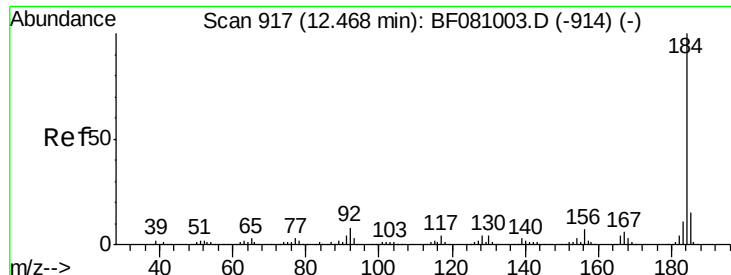


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

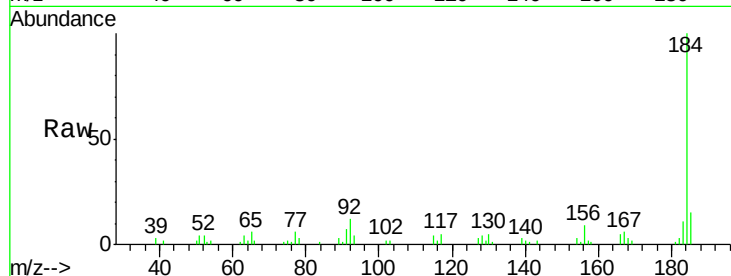




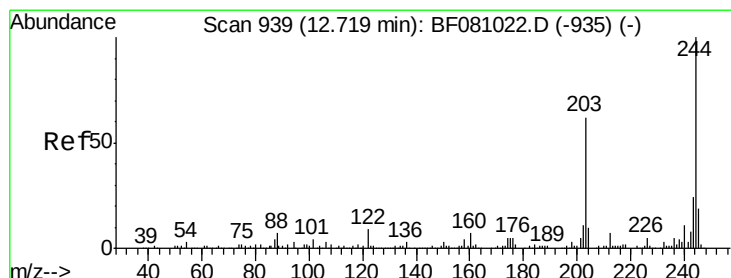
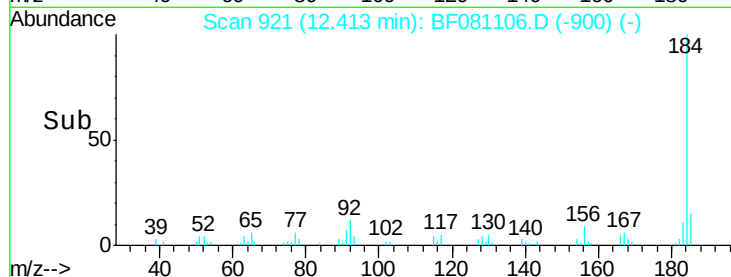
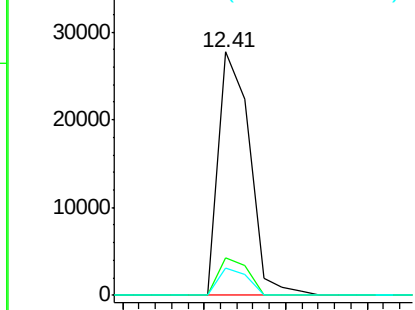
#76
Benzidine
Concen: 4.32 ng
RT: 12.41 min Scan# 921
Delta R.T. -0.05 min
Lab File: BF081106.D
Acq: 20 Aug 2015 4:10

Instrument :
BNA_F
ClientSampleId :
E2PM-MLSP-8

Tgt Ion:184 Resp: 36655
Ion Ratio Lower Upper
184 100
185 15.5 12.0 18.0
183 11.2 8.9 13.3

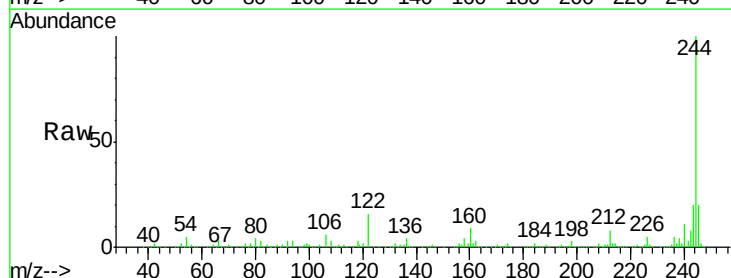


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

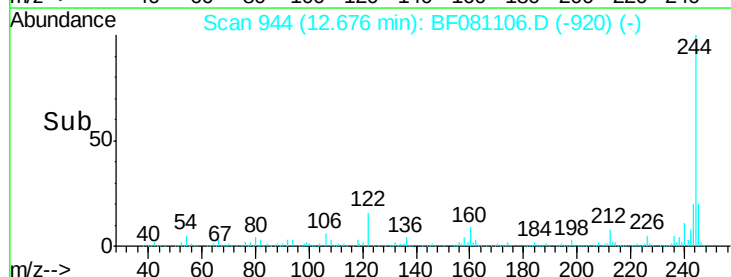
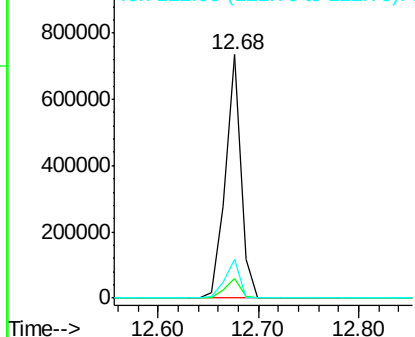


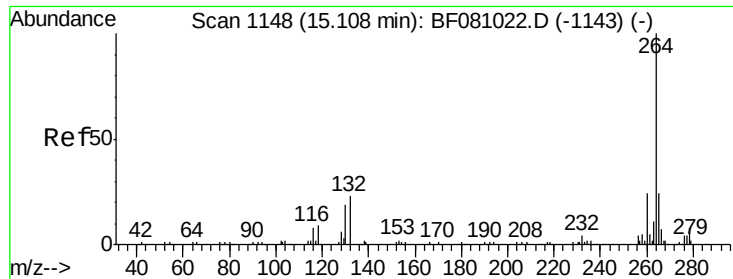
#78
Terphenyl-d14
Concen: 75.01 ng
RT: 12.68 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF081106.D
Acq: 20 Aug 2015 4:10

Tgt Ion:244 Resp: 786732
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 16.1 8.2 12.4#



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: 15.04 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF081106.D
Acq: 20 Aug 2015 4:10

Instrument :
BNA_F
ClientSampleId :
E2PM-MLSP-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.6	17.5	26.3

