

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081110.D
 Acq On : 20 Aug 2015 6:13
 Operator : UM/IZ
 Sample : G3304-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-12

Quant Time: Aug 20 06:48:56 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	60786	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	237206	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	108853	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	240091	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	218366	20.00	ng	-0.04
86) Perylene-d12	15.04	264	172396	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	532415	131.74	ng	-0.02
7) Phenol-d6	6.24	99	702194	133.17	ng	-0.02
23) Nitrobenzene-d5	7.16	82	447939	86.26	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	136034	144.17	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	724440	87.20	ng	-0.04
78) Terphenyl-d14	12.68	244	767313	75.33	ng	-0.03

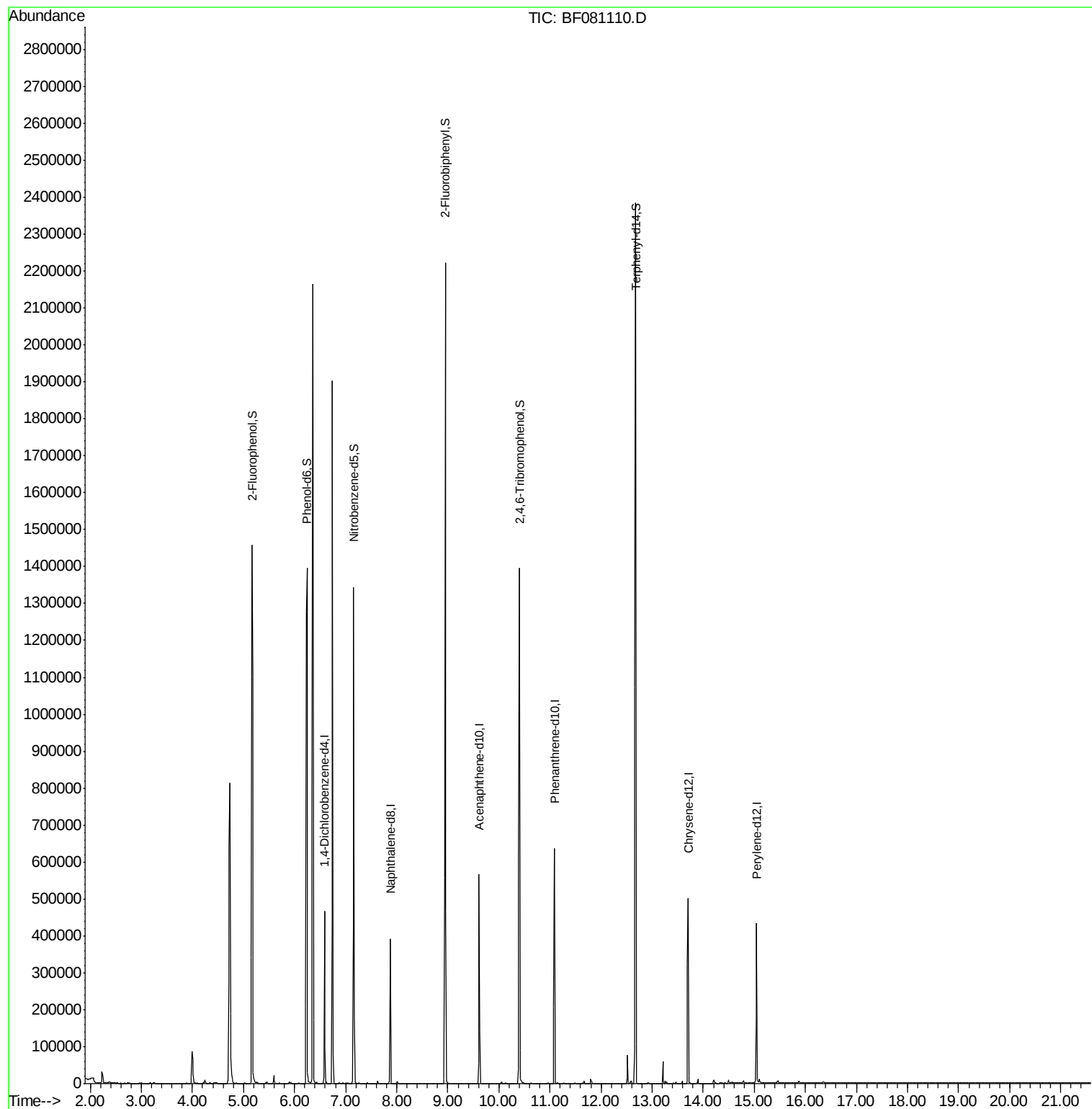
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF081110.D

Acq: 20 Aug 2015 6:13

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-12

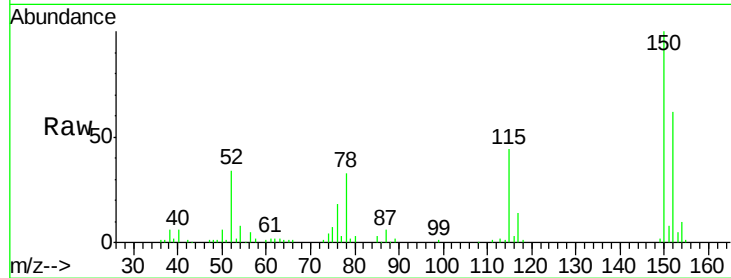
Tgt Ion:152 Resp: 60786

Ion Ratio Lower Upper

152 100

150 161.0 123.8 185.6

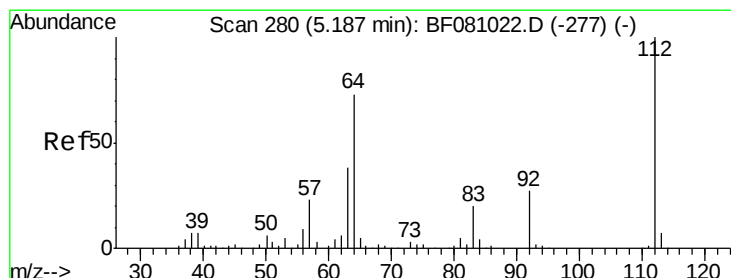
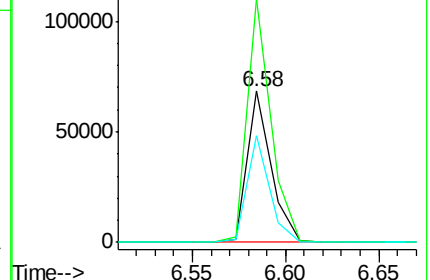
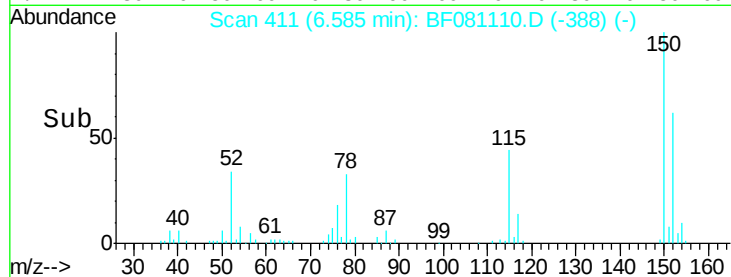
115 70.5 52.1 78.1



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: 131.74 ng

RT: 5.17 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF081110.D

Acq: 20 Aug 2015 6:13

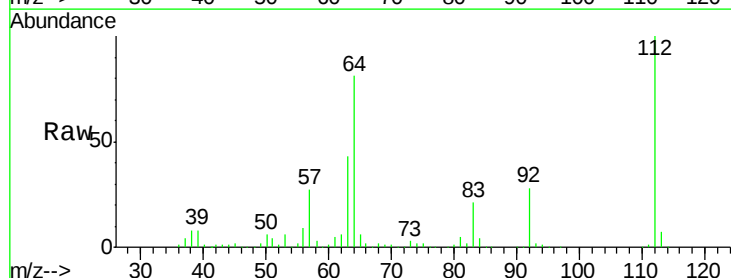
Tgt Ion:112 Resp: 532415

Ion Ratio Lower Upper

112 100

64 81.0 66.9 100.3

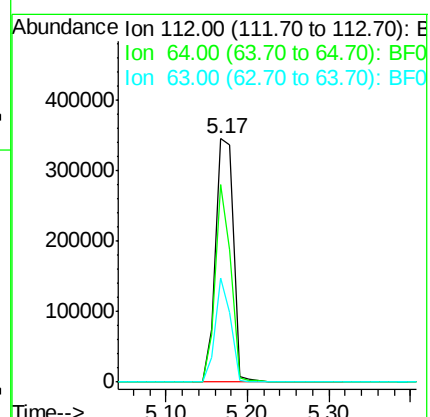
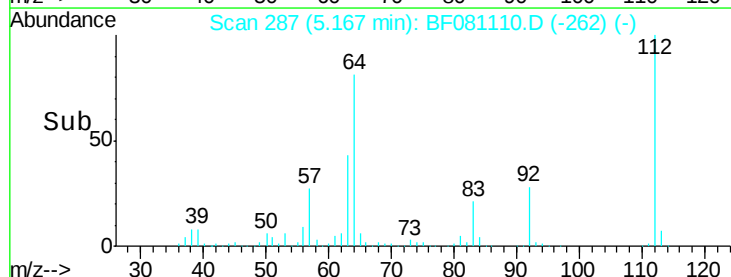
63 42.7 38.1 57.1



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: 133.17 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081110.D

Acq: 20 Aug 2015 6:13

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-12

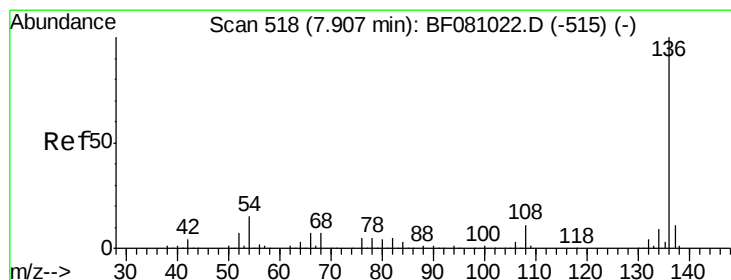
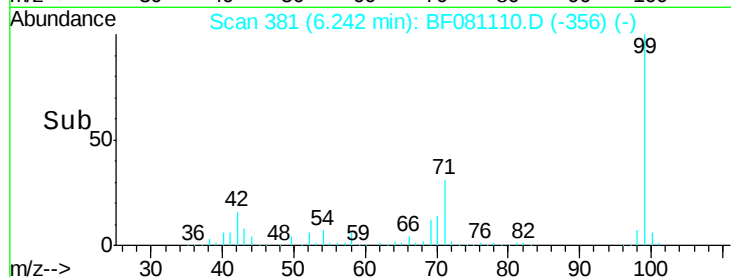
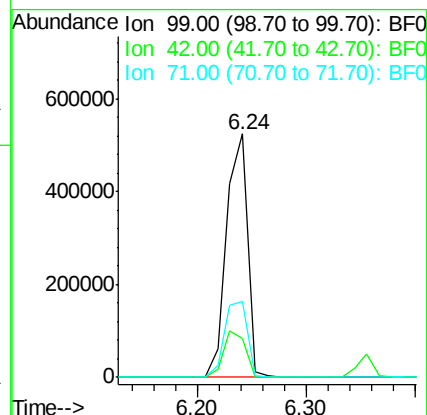
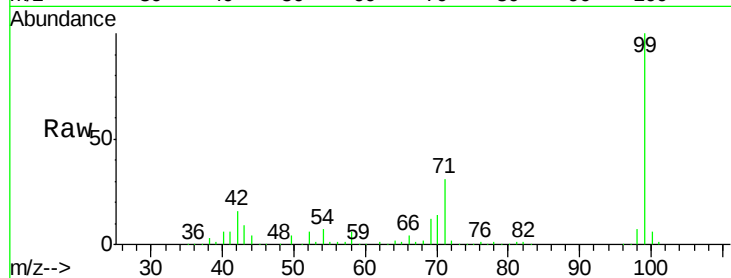
Tgt Ion: 99 Resp: 702194

Ion Ratio Lower Upper

99 100

42 16.1 19.6 29.4#

71 31.3 31.2 46.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081110.D

Acq: 20 Aug 2015 6:13

Tgt Ion: 136 Resp: 237206

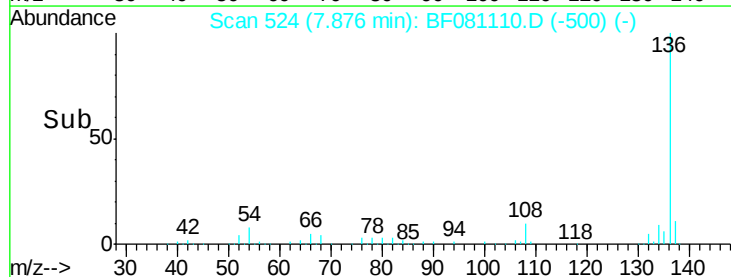
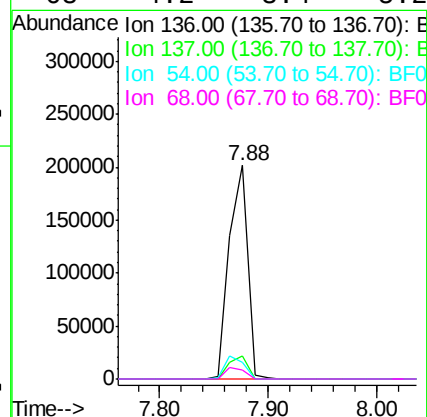
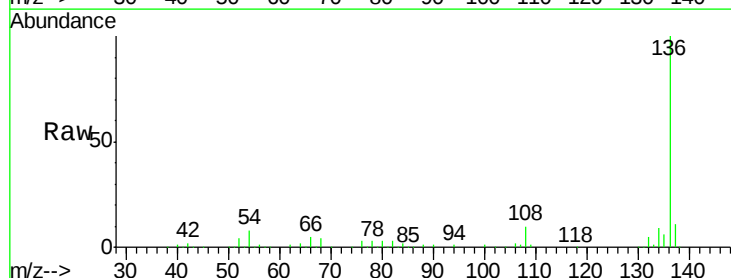
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 7.7 7.7 11.5

68 4.2 3.4 5.2

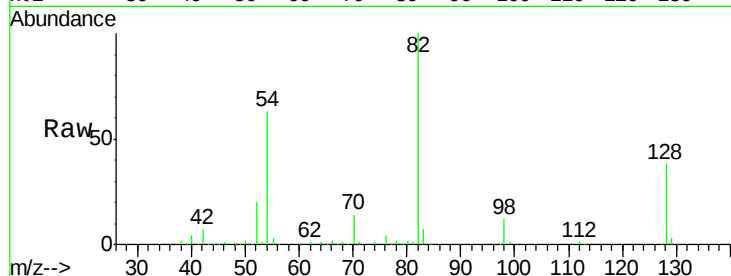




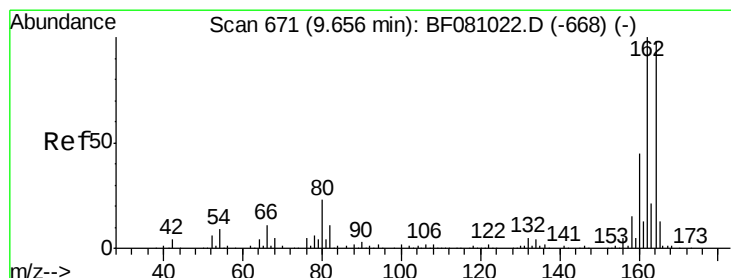
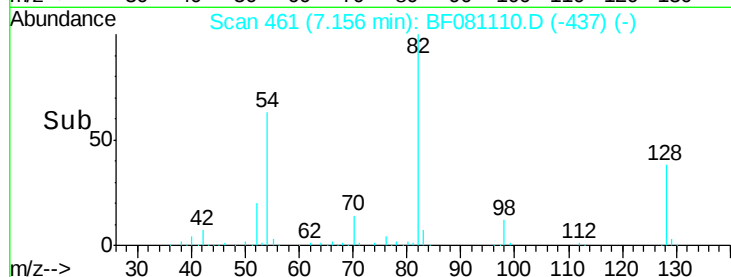
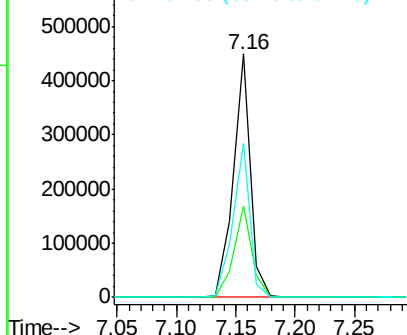
#23
 Nitrobenzene-d5
 Concen: 86.26 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081110.D
 Acq: 20 Aug 2015 6:13

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-12

Tgt Ion: 82 Resp: 447939
 Ion Ratio Lower Upper
 82 100
 128 37.6 28.6 42.8
 54 63.1 55.1 82.7

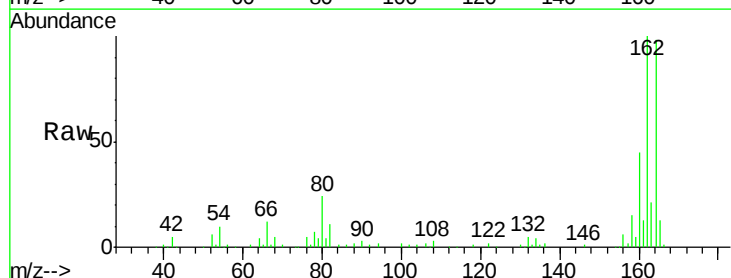


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

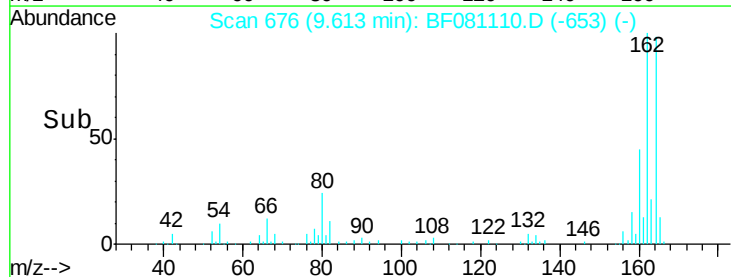
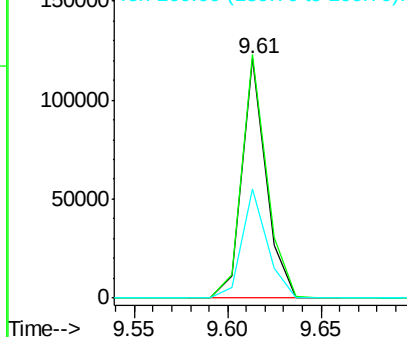


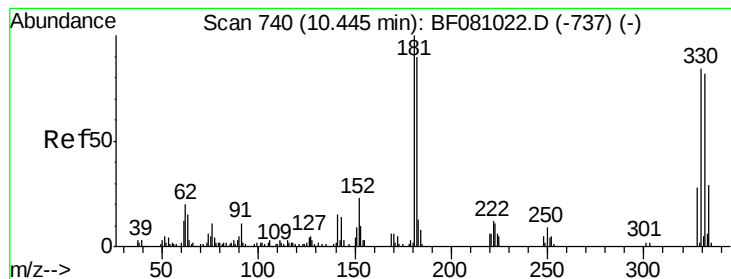
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081110.D
 Acq: 20 Aug 2015 6:13

Tgt Ion: 164 Resp: 108853
 Ion Ratio Lower Upper
 164 100
 162 101.7 83.8 125.8
 160 45.5 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

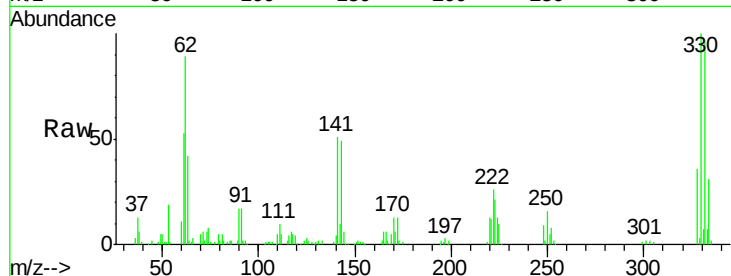




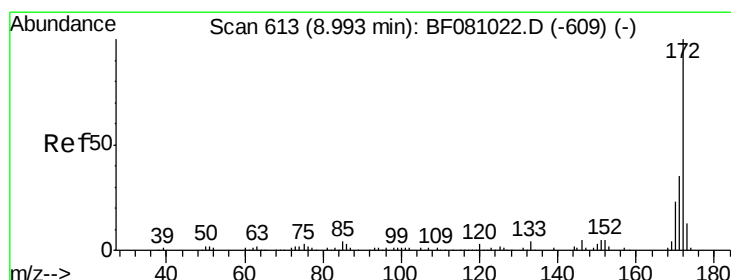
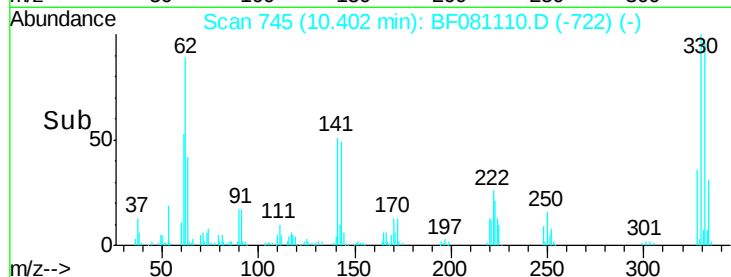
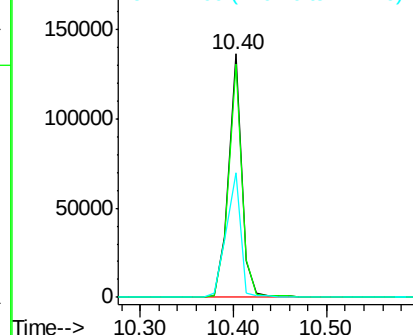
#41
 2,4,6-Tribromophenol
 Concen: 144.17 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.04 min
 Lab File: BF081110.D
 Acq: 20 Aug 2015 6:13

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-12

Tgt Ion:330 Resp: 136034
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 54.6 44.9 67.3

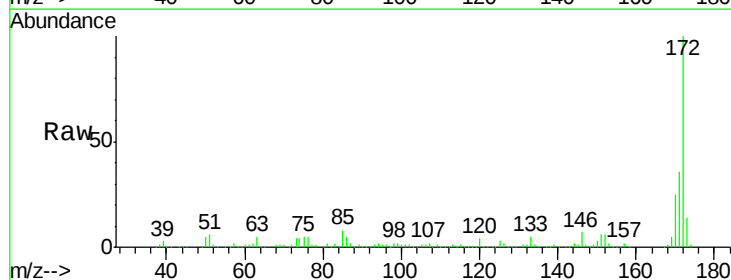


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

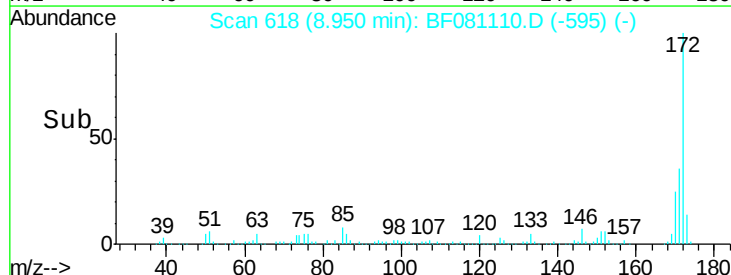
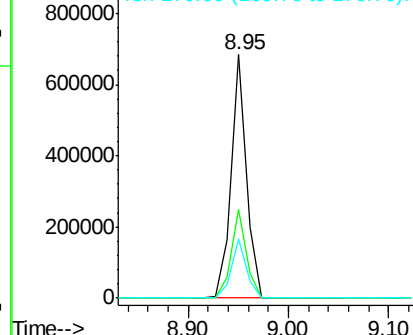


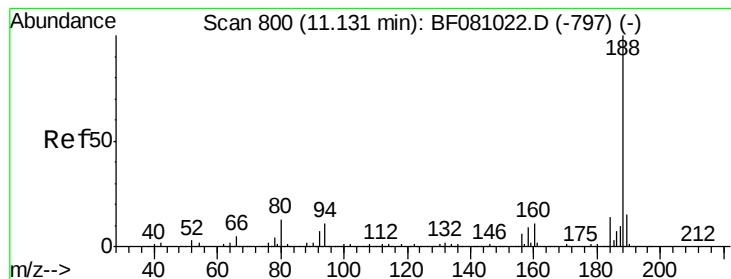
#44
 2-Fluorobiphenyl
 Concen: 87.20 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.04 min
 Lab File: BF081110.D
 Acq: 20 Aug 2015 6:13

Tgt Ion:172 Resp: 724440
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.5 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: BF081110.D

Acq: 20 Aug 2015 6:13

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-12

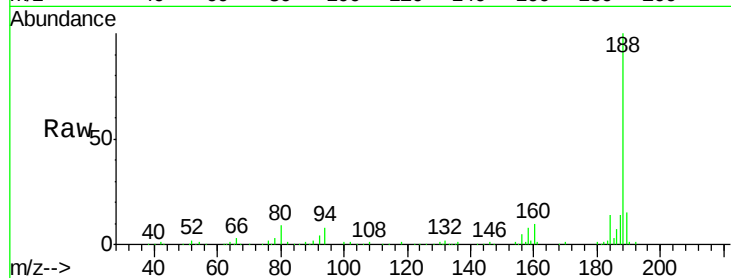
Tgt Ion:188 Resp: 240091

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

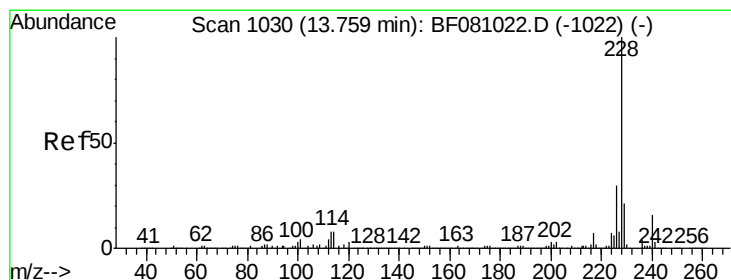
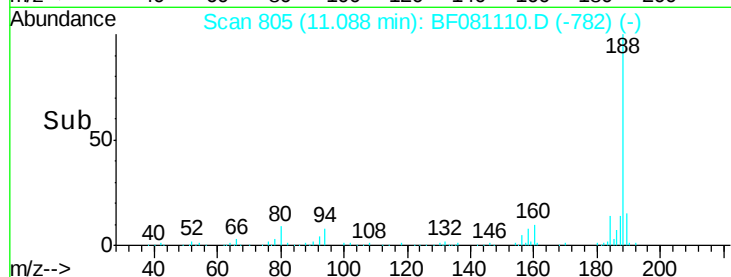
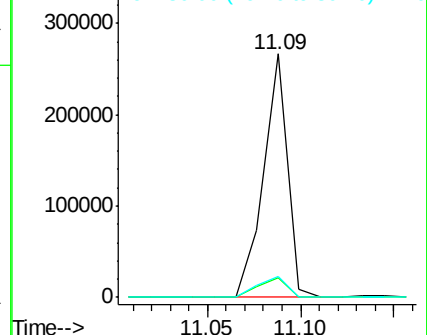
80 8.6 9.5 14.3#



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: BF081110.D

Acq: 20 Aug 2015 6:13

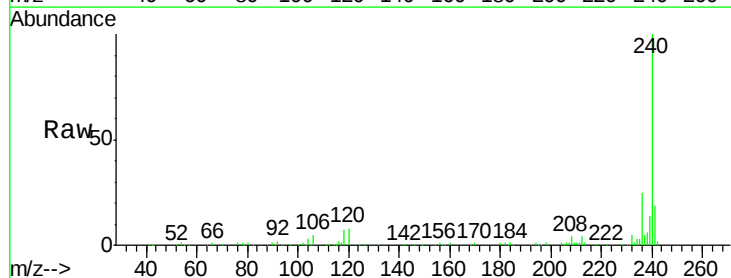
Tgt Ion:240 Resp: 218366

Ion Ratio Lower Upper

240 100

120 7.5 5.6 8.4

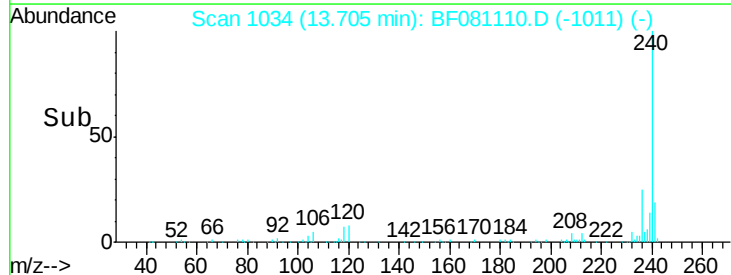
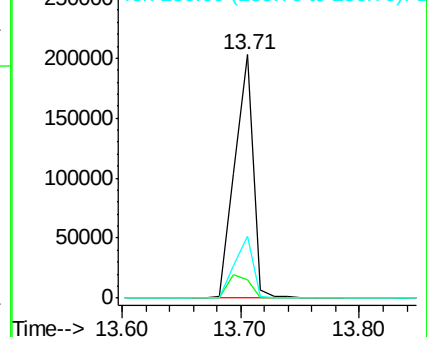
236 25.5 20.6 30.8

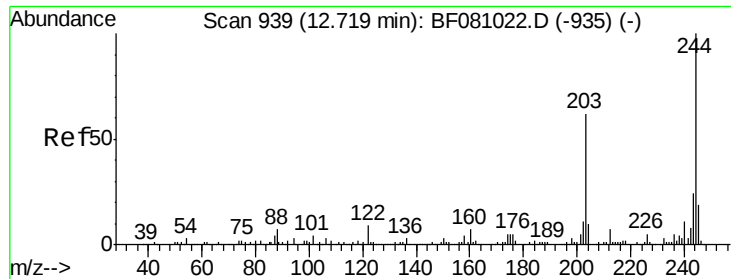


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

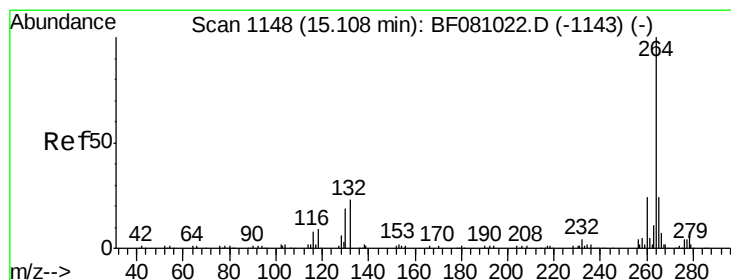
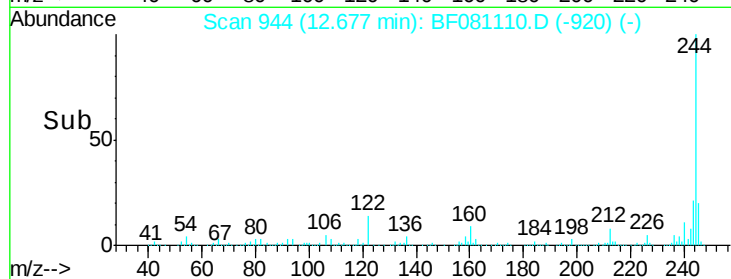
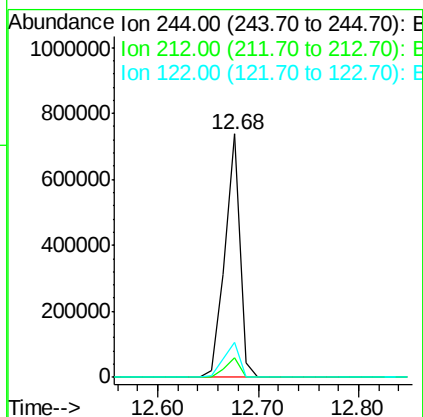
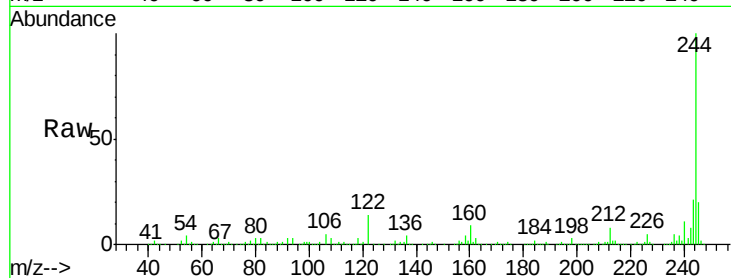




#78
 Terphenyl-d14
 Concen: 75.33 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081110.D
 Acq: 20 Aug 2015 6:13

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-12

Tgt Ion: 244 Resp: 767313
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 14.3 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081110.D
 Acq: 20 Aug 2015 6:13

Tgt Ion: 264 Resp: 172396
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 21.4 17.5 26.3

