

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081107.D
 Acq On : 20 Aug 2015 4:40
 Operator : UM/IZ
 Sample : G3304-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-9

Quant Time: Aug 20 05:21:47 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	60215	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	234159	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	109275	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	235119	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	214076	20.00	ng	-0.04
86) Perylene-d12	15.04	264	168277	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	491673	122.81	ng	-0.02
7) Phenol-d6	6.24	99	743701	142.38	ng	-0.02
23) Nitrobenzene-d5	7.16	82	433173	84.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	134329	141.81	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	722116	86.59	ng	-0.04
78) Terphenyl-d14	12.68	244	760108	76.12	ng	-0.03

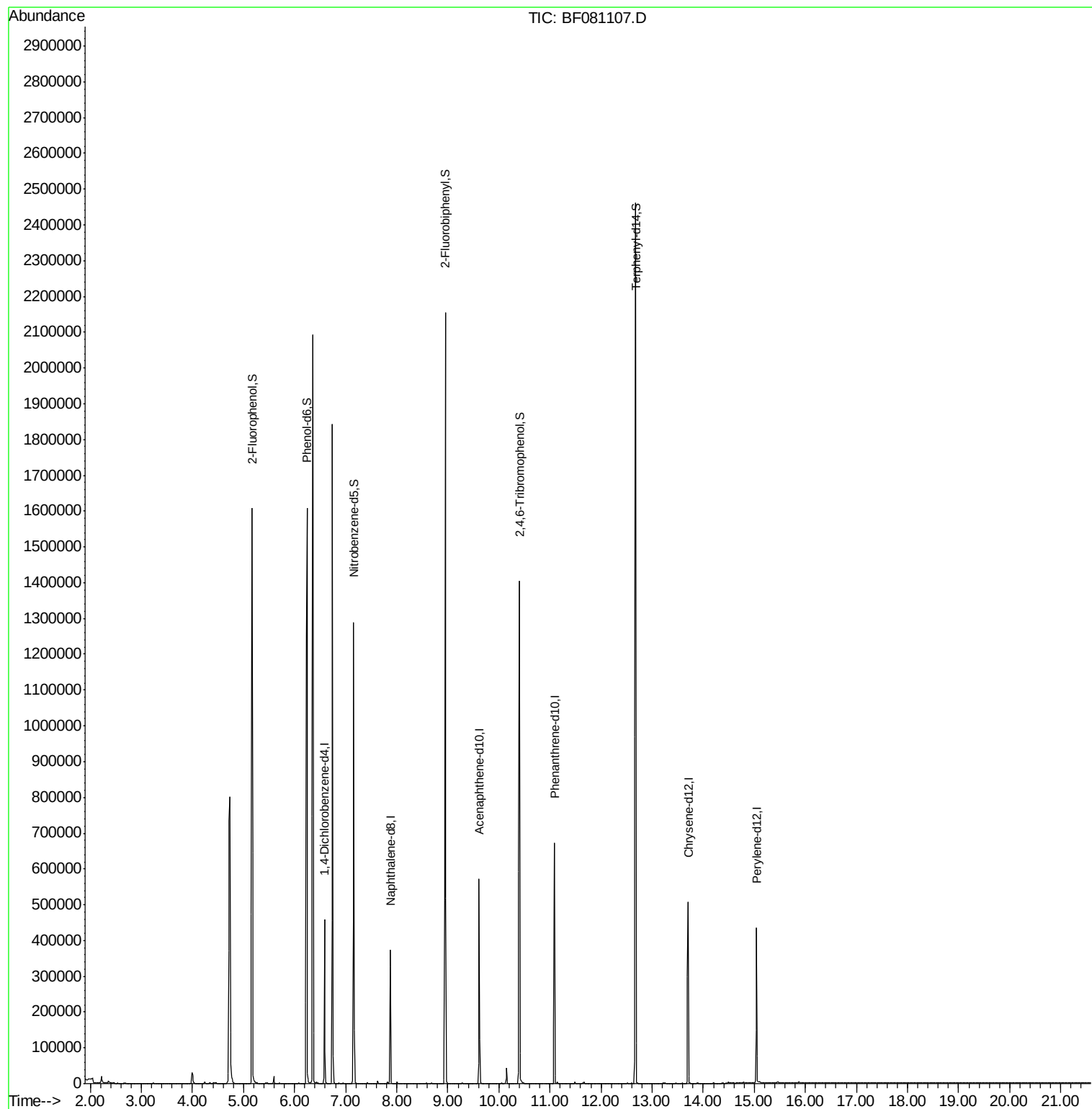
Target Compounds	Qvalue
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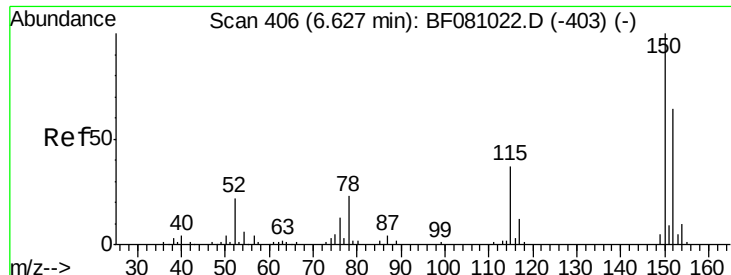
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081107.D

Acq: 20 Aug 2015 4:40

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E2PM-MLSP-9

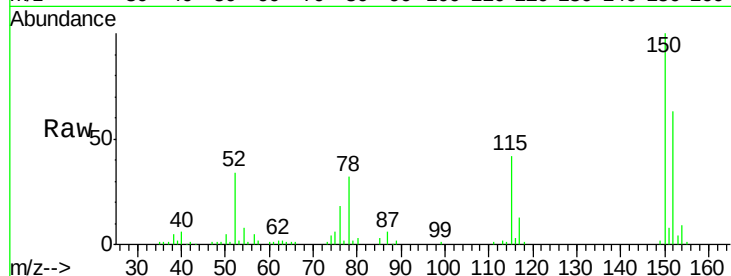
Tgt Ion:152 Resp: 60215

Ion Ratio Lower Upper

152 100

150 159.3 123.8 185.6

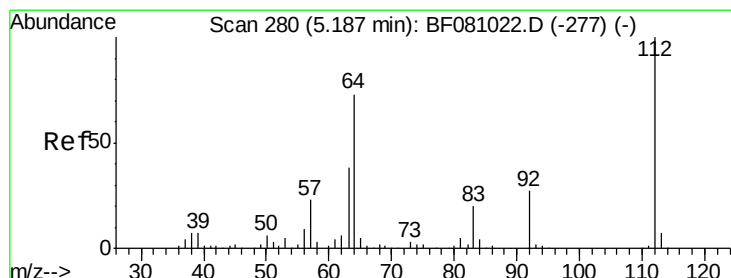
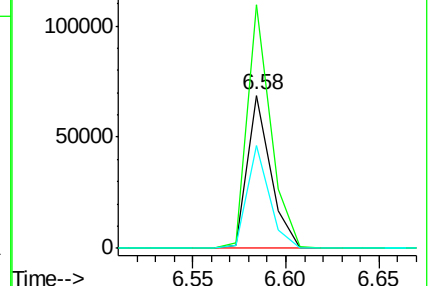
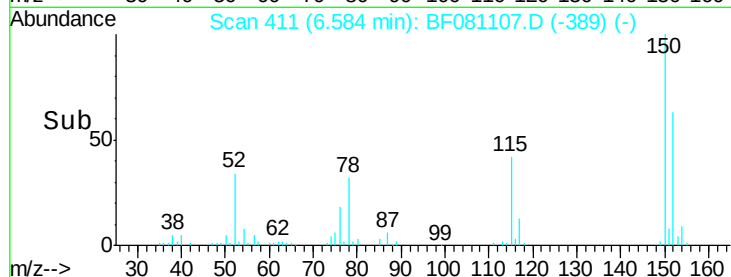
115 67.4 52.1 78.1



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: 122.81 ng

RT: 5.17 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF081107.D

Acq: 20 Aug 2015 4:40

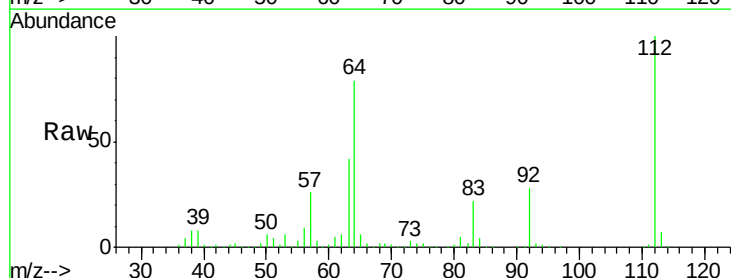
Tgt Ion:112 Resp: 491673

Ion Ratio Lower Upper

112 100

64 79.3 66.9 100.3

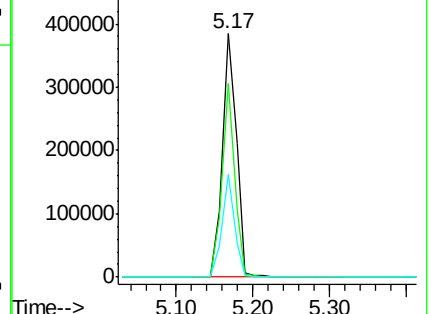
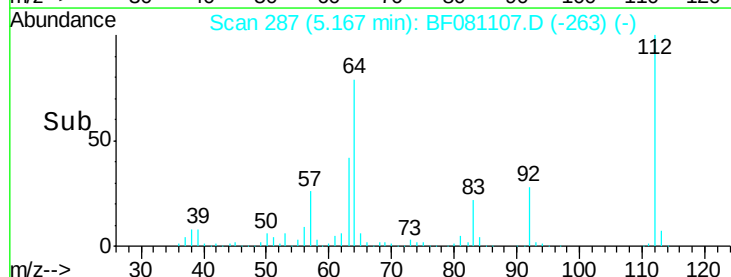
63 42.3 38.1 57.1

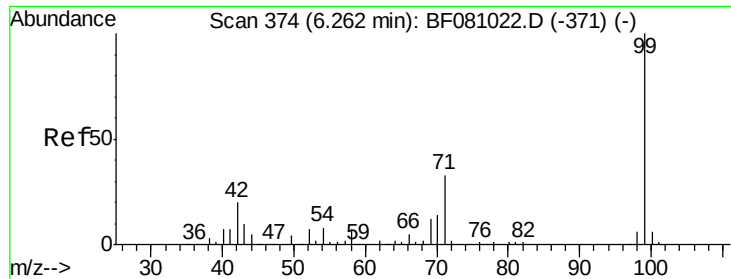


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.38 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081107.D

Acq: 20 Aug 2015 4:40

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-9

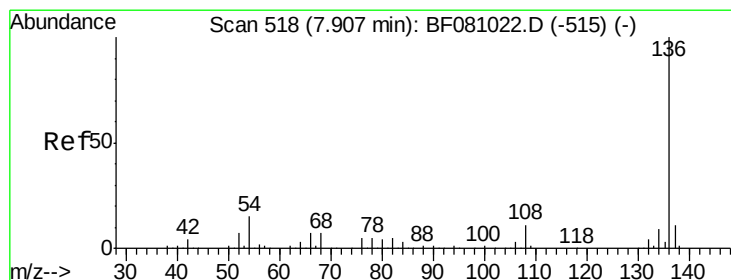
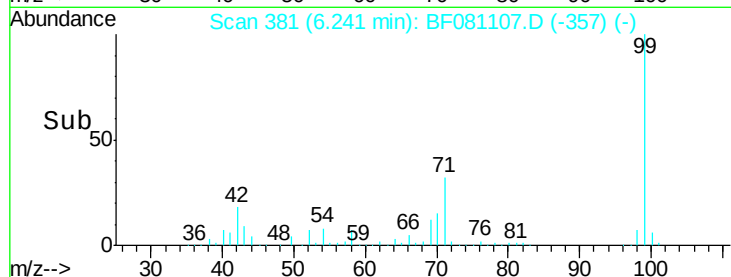
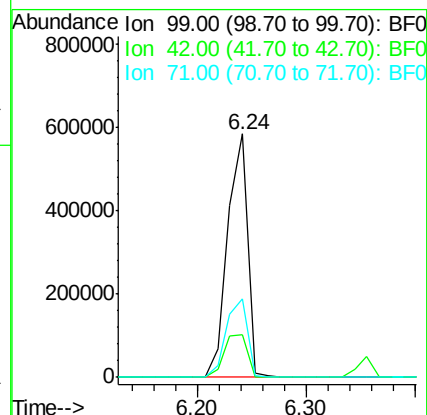
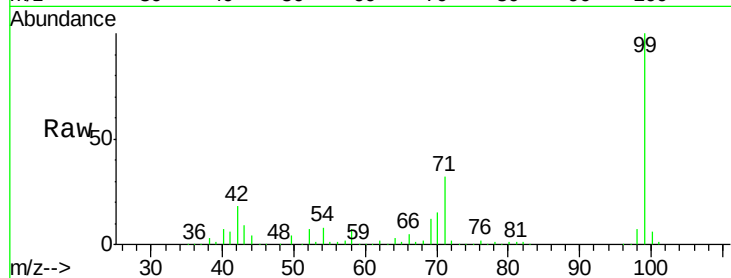
Tgt Ion: 99 Resp: 743701

Ion Ratio Lower Upper

99 100

42 17.7 19.6 29.4#

71 32.4 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: BF081107.D

Acq: 20 Aug 2015 4:40

Tgt Ion: 136 Resp: 234159

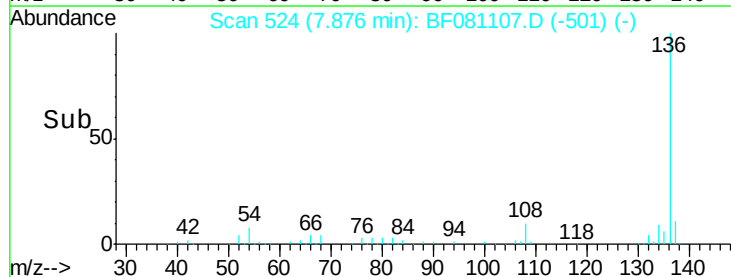
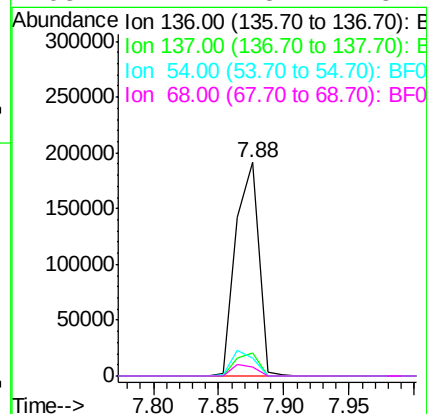
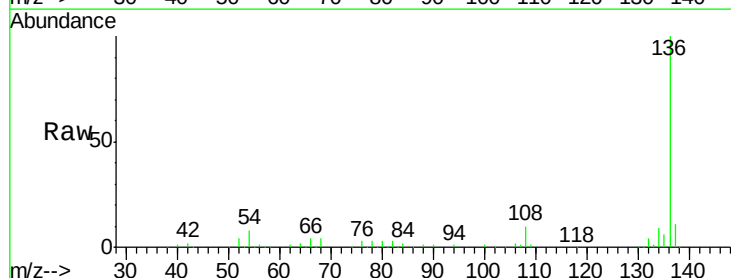
Ion Ratio Lower Upper

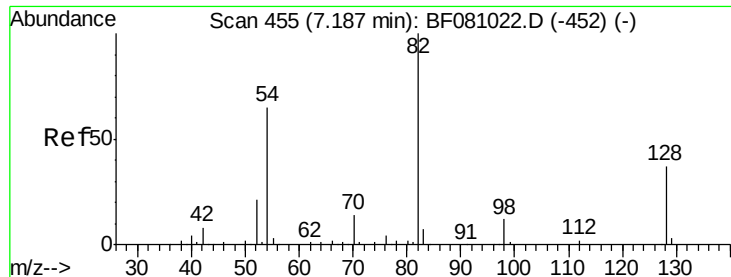
136 100

137 10.6 8.2 12.2

54 8.2 7.7 11.5

68 4.4 3.4 5.2

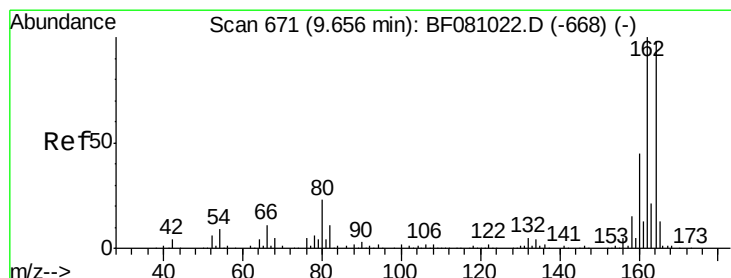
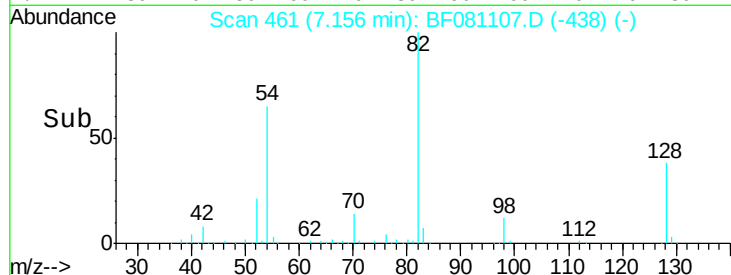
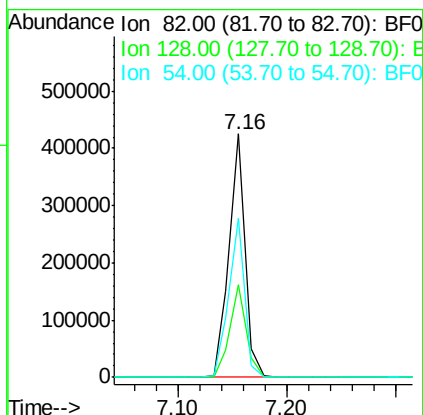
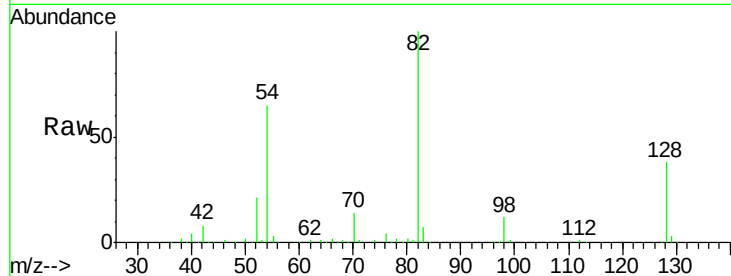




#23
 Nitrobenzene-d5
 Concen: 84.51 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081107.D
 Acq: 20 Aug 2015 4:40

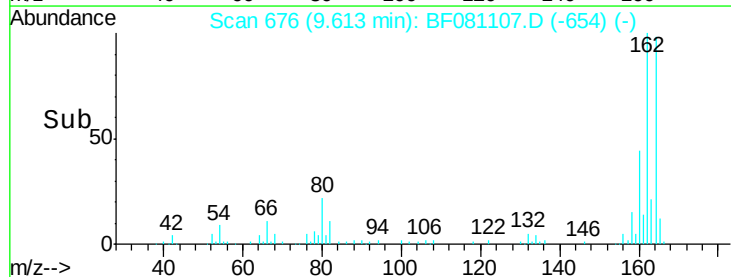
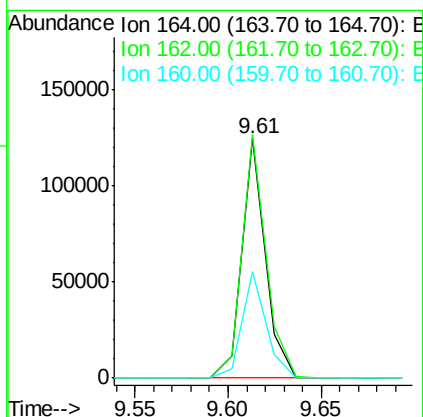
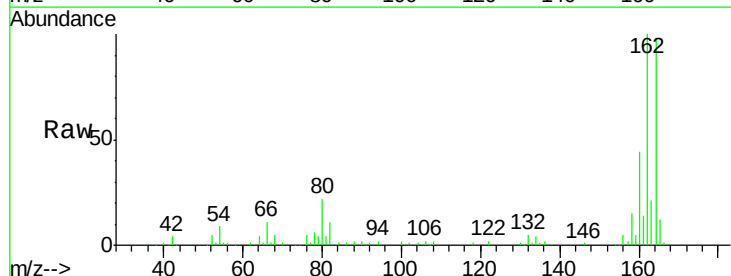
Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-9

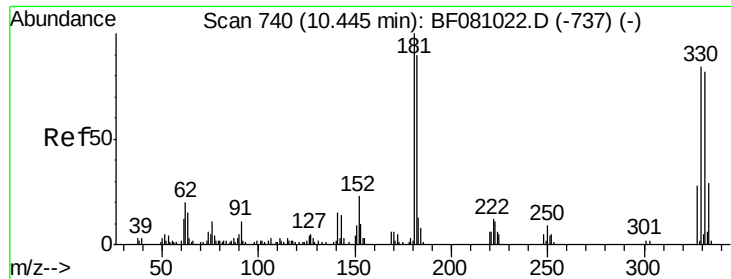
Tgt Ion: 82 Resp: 433173
 Ion Ratio Lower Upper
 82 100
 128 38.0 28.6 42.8
 54 65.1 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081107.D
 Acq: 20 Aug 2015 4:40

Tgt Ion: 164 Resp: 109275
 Ion Ratio Lower Upper
 164 100
 162 101.6 83.8 125.8
 160 44.7 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 141.81 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081107.D

Acq: 20 Aug 2015 4:40

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-9

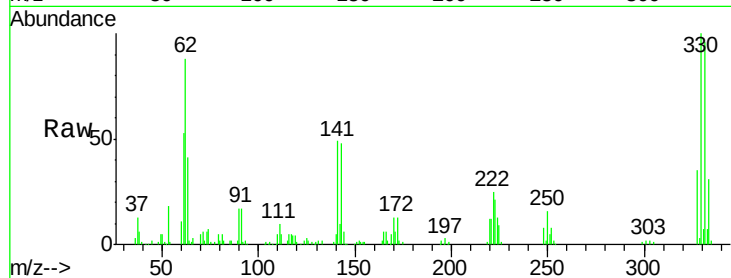
Tgt Ion:330 Resp: 134329

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

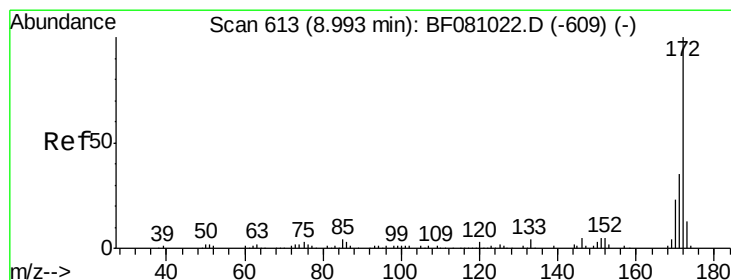
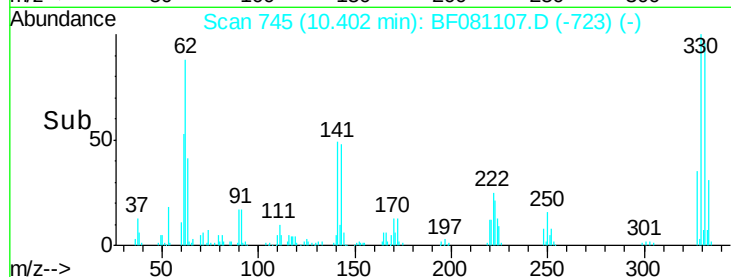
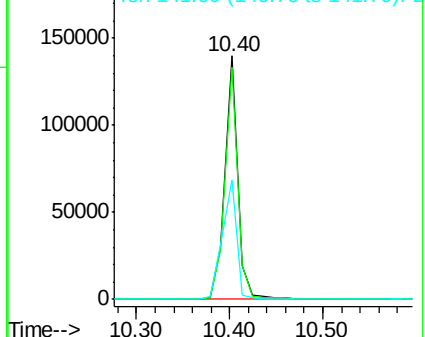
141 54.1 44.9 67.3



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: 86.59 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081107.D

Acq: 20 Aug 2015 4:40

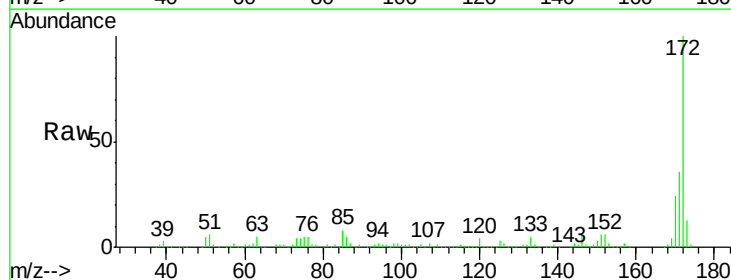
Tgt Ion:172 Resp: 722116

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

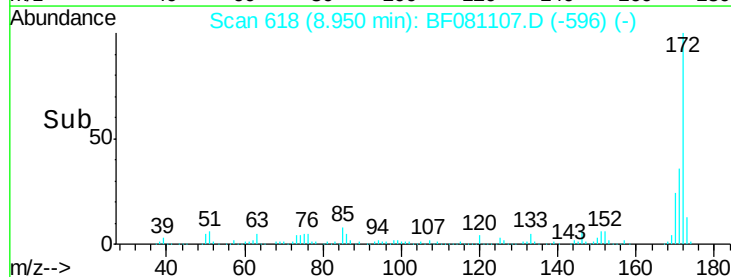
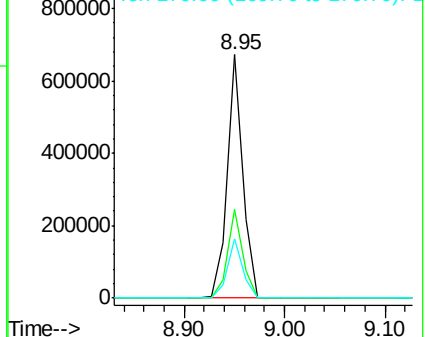
170 24.3 19.4 29.2

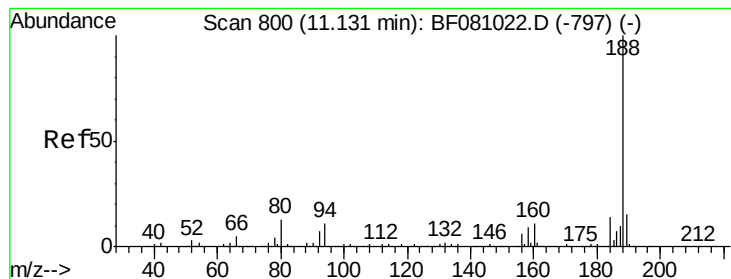


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF081107.D

Acq: 20 Aug 2015 4:40

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-9

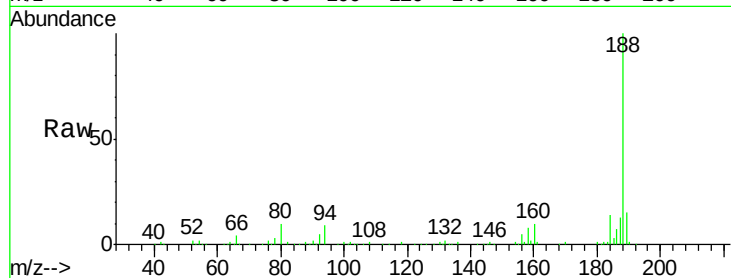
Tgt Ion:188 Resp: 235119

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

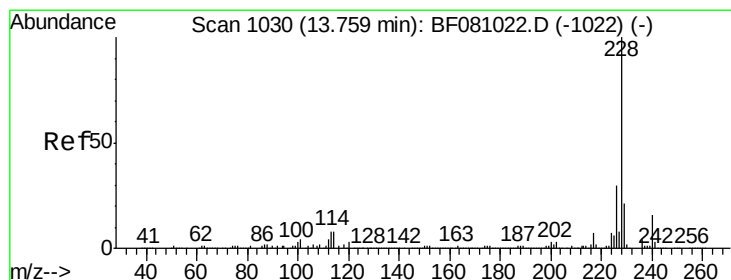
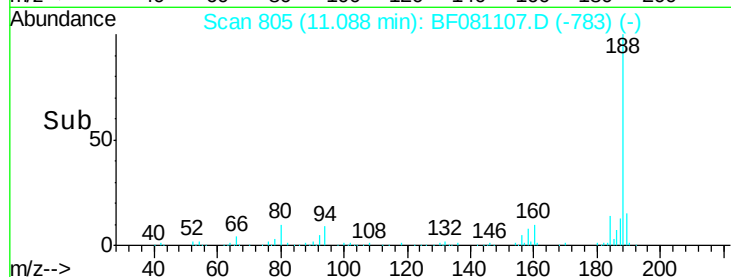
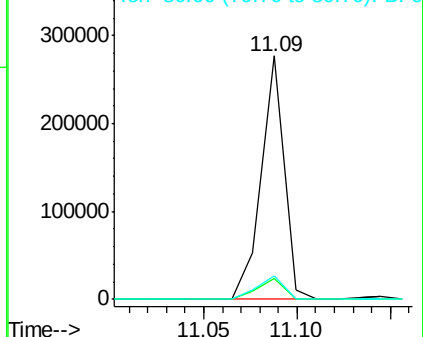
80 9.5 9.5 14.3#



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: BF081107.D

Acq: 20 Aug 2015 4:40

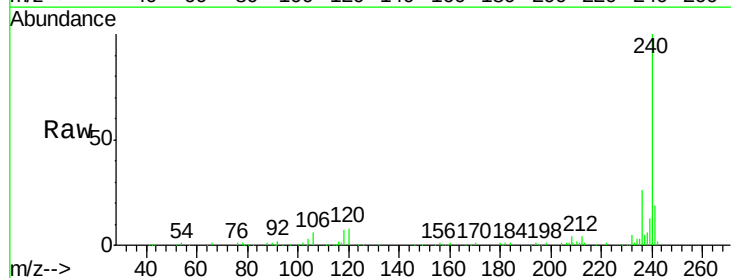
Tgt Ion:240 Resp: 214076

Ion Ratio Lower Upper

240 100

120 8.0 5.6 8.4

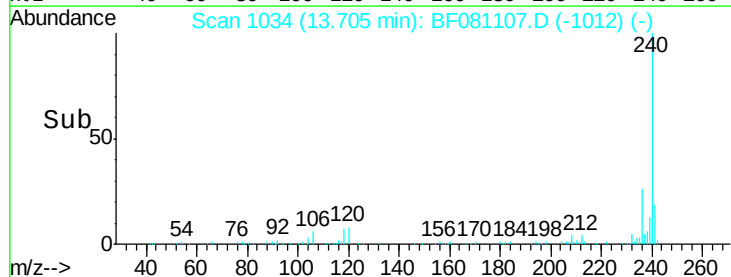
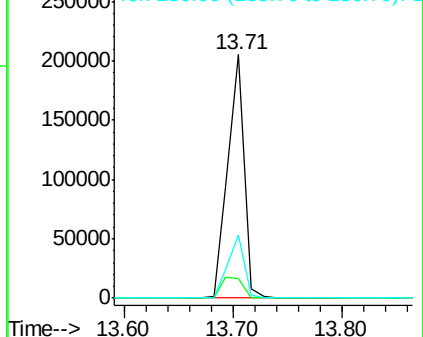
236 25.7 20.6 30.8

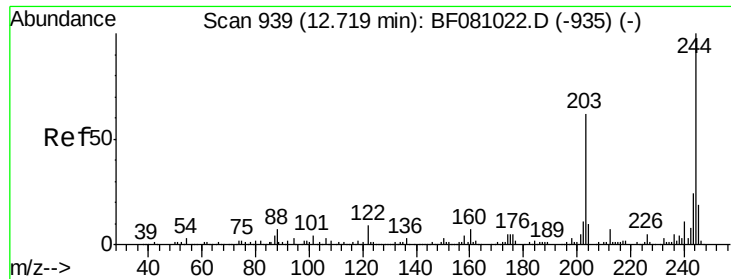


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

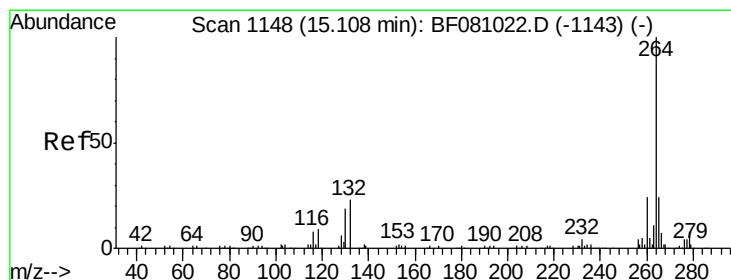
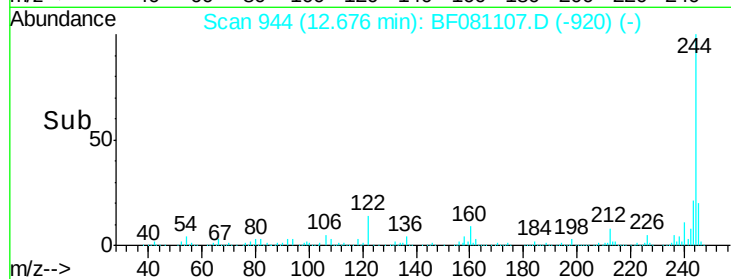
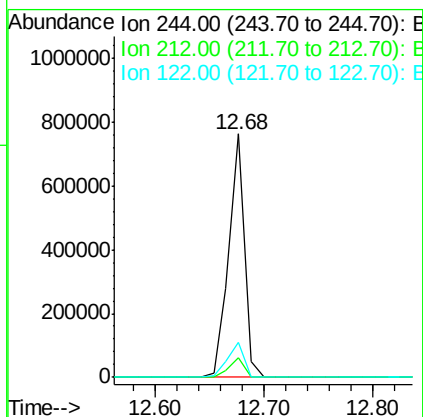
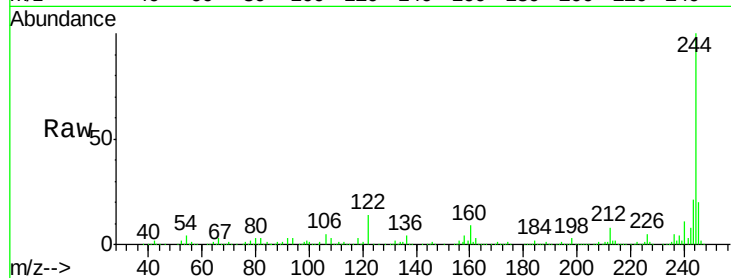




#78
 Terphenyl-d14
 Concen: 76.12 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081107.D
 Acq: 20 Aug 2015 4:40

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 BNA_F
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 E2PM-MLSP-9

Tgt Ion:244 Resp: 760108
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 14.4 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: BF081107.D
 Acq: 20 Aug 2015 4:40

Tgt Ion:264 Resp: 168277
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 21.3 17.5 26.3

