

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081097.D
 Acq On : 19 Aug 2015 23:31
 Operator : UM/IZ
 Sample : G3304-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-1

Quant Time: Aug 20 01:46:11 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	62198	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	252023	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	112938	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	249992	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	220031	20.00	ng	-0.04
86) Perylene-d12	15.04	264	170161	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	535151	129.41	ng	0.00
7) Phenol-d6	6.24	99	704738	130.62	ng	-0.02
23) Nitrobenzene-d5	7.16	82	431395	78.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	130084	132.88	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	718984	83.41	ng	-0.04
78) Terphenyl-d14	12.68	244	742274	72.32	ng	-0.03

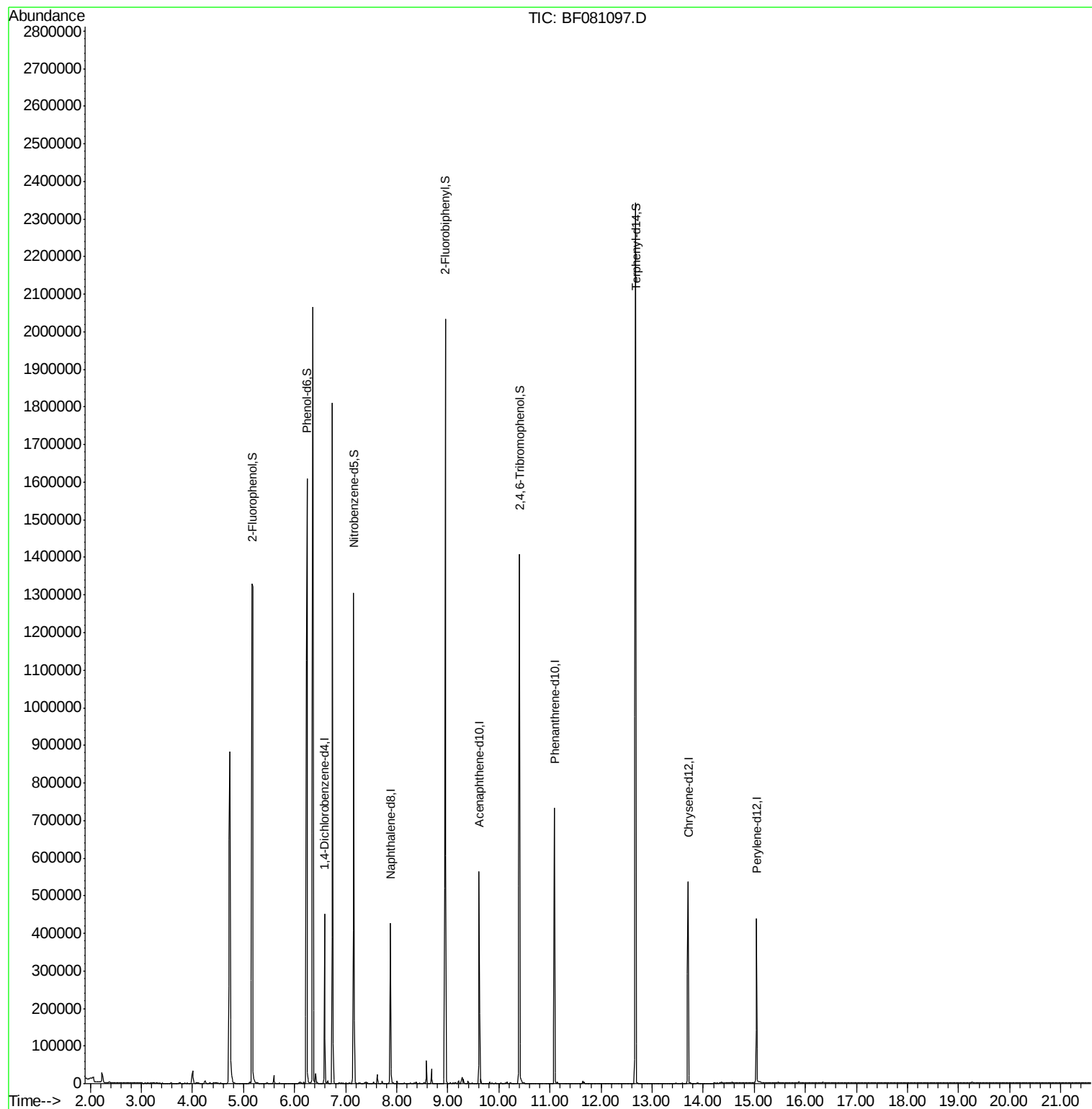
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081097.D

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Instrument :

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ClientSampleId :

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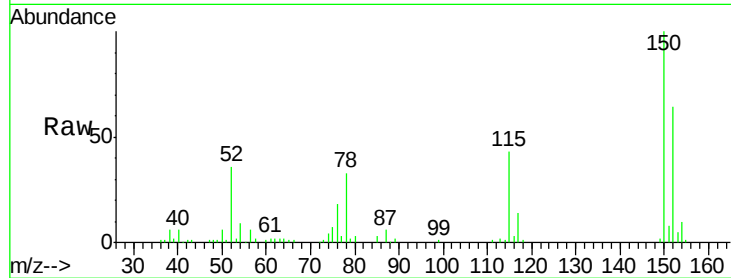
Tgt Ion:152 Resp: 62198

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

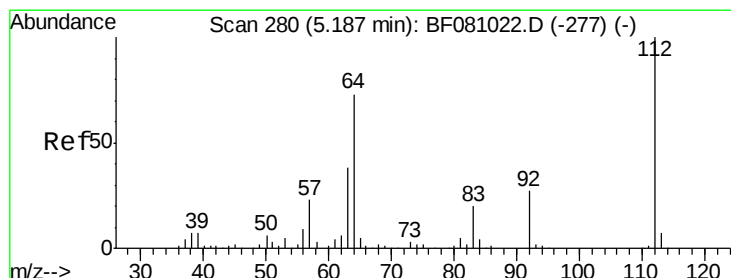
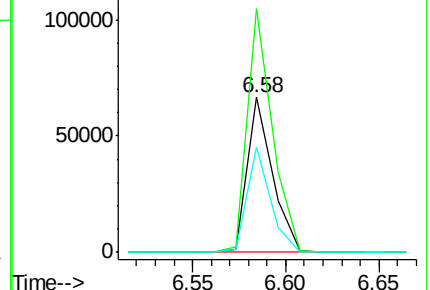
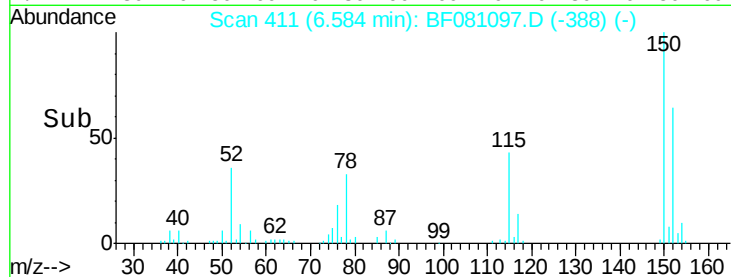
115 68.0 52.1 78.1



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: 129.41 ng

RT: 5.18 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

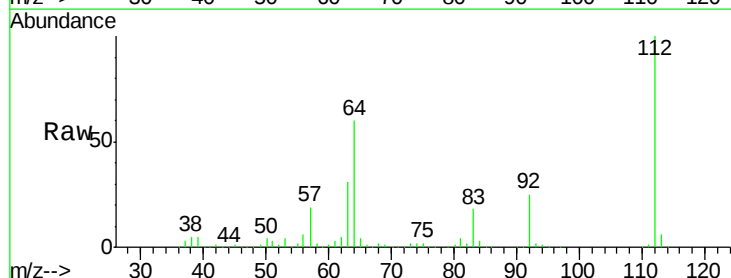
Tgt Ion:112 Resp: 535151

Ion Ratio Lower Upper

112 100

64 59.6 66.9 100.3#

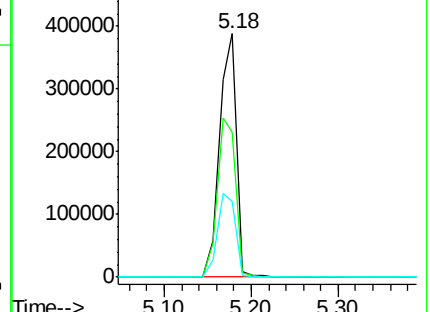
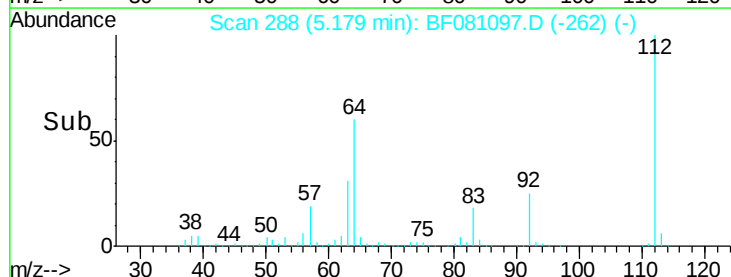
63 31.1 38.1 57.1#



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: 130.62 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-1

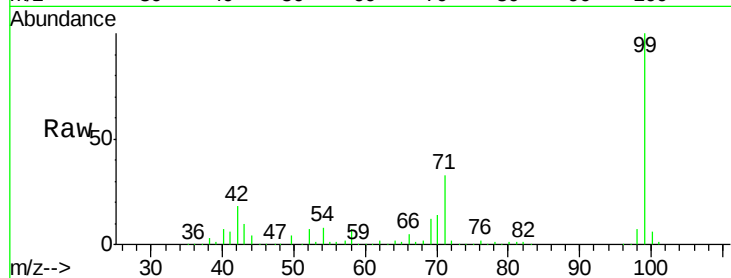
Tgt Ion: 99 Resp: 704738

Ion Ratio Lower Upper

99 100

42 17.9 19.6 29.4#

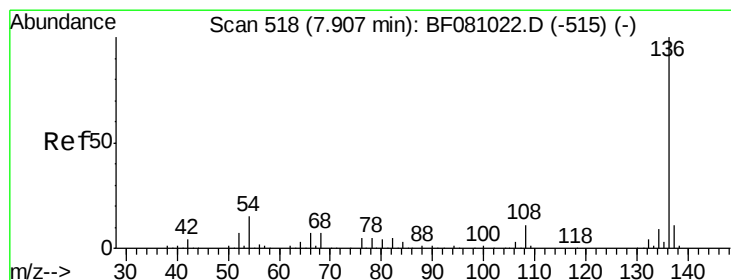
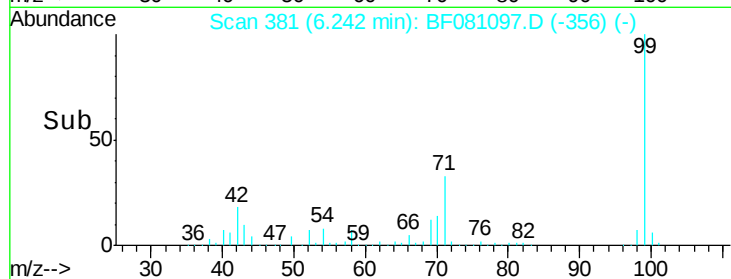
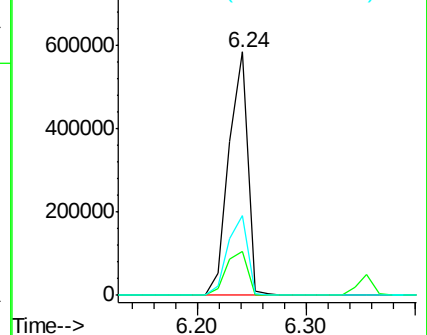
71 32.9 31.2 46.8



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: BF081097.D

Acq: 19 Aug 2015 23:31

Tgt Ion: 136 Resp: 252023

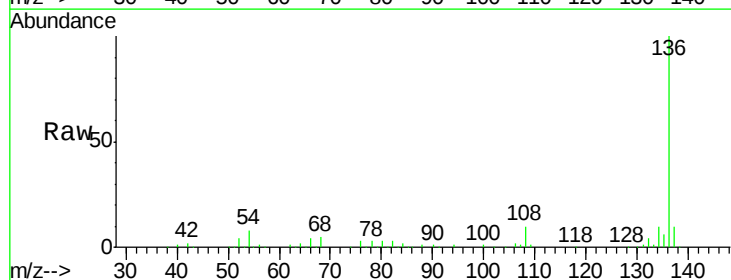
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.2

54 8.4 7.7 11.5

68 4.6 3.4 5.2

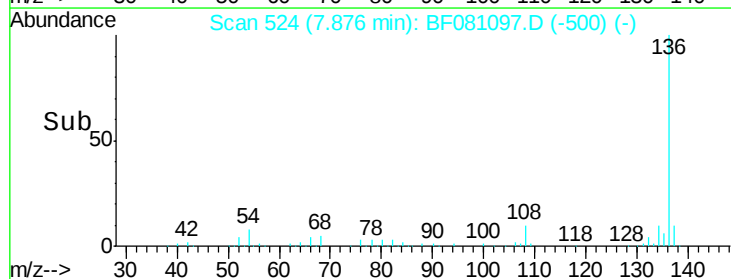
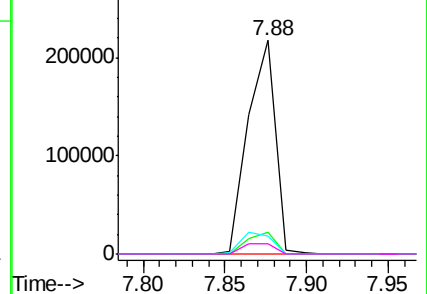


Abundance Ion 136.00 (135.70 to 136.70): E

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

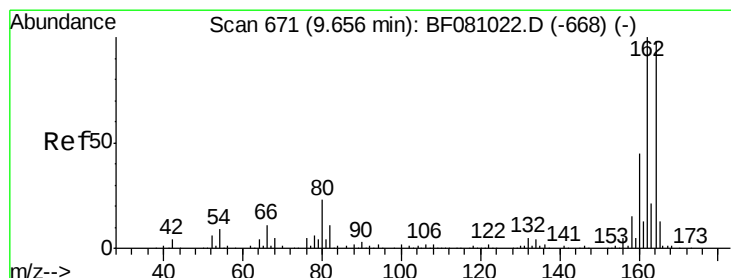
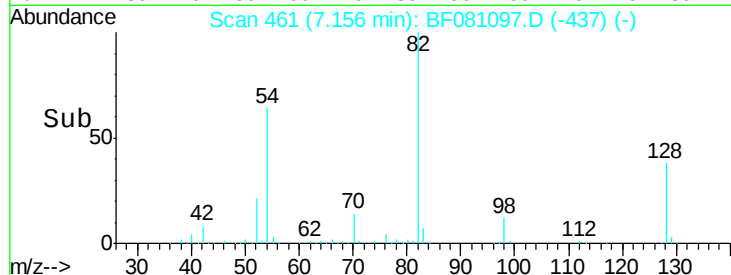
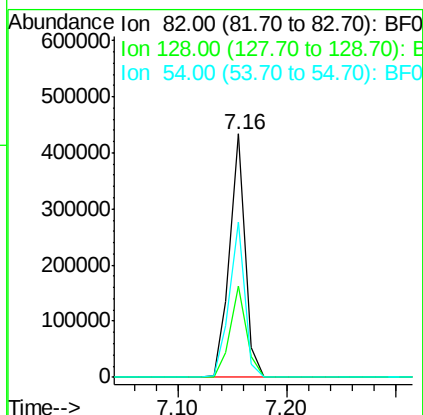
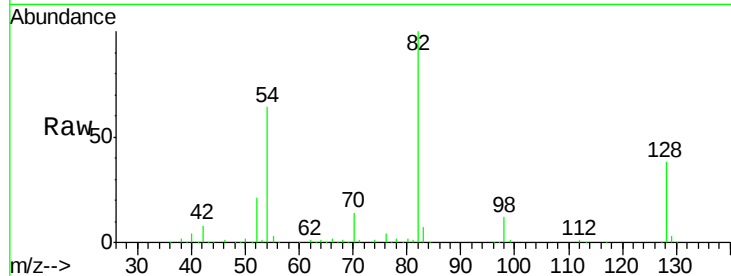




#23
 Nitrobenzene-d5
 Concen: 78.19 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081097.D
 Acq: 19 Aug 2015 23:31

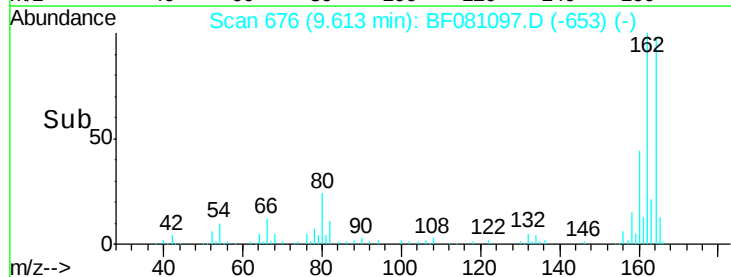
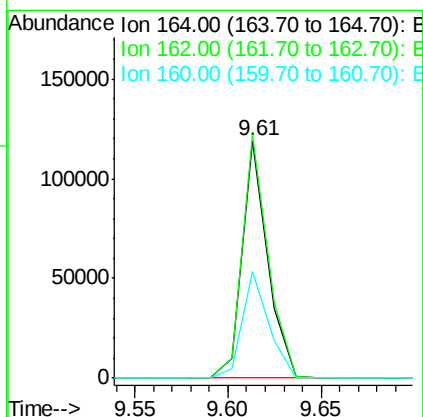
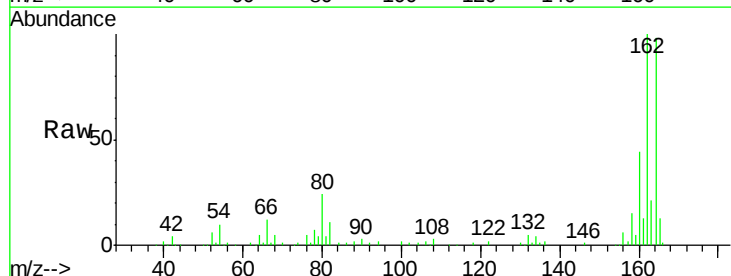
Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-1

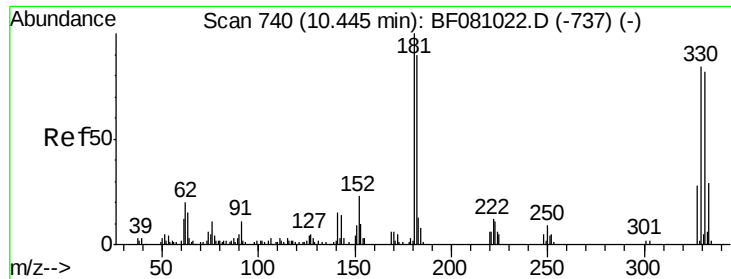
Tgt Ion: 82 Resp: 431395
 Ion Ratio Lower Upper
 82 100
 128 37.7 28.6 42.8
 54 63.8 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081097.D
 Acq: 19 Aug 2015 23:31

Tgt Ion: 164 Resp: 112938
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.8 125.8
 160 44.9 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 132.88 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-1

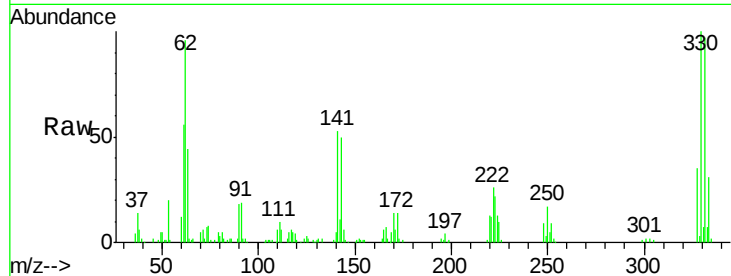
Tgt Ion:330 Resp: 130084

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

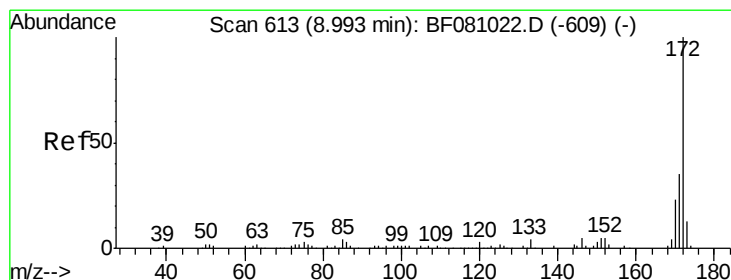
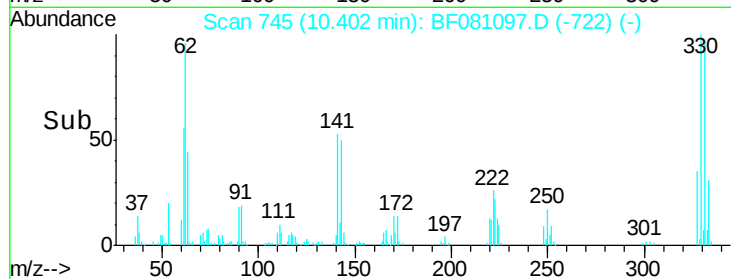
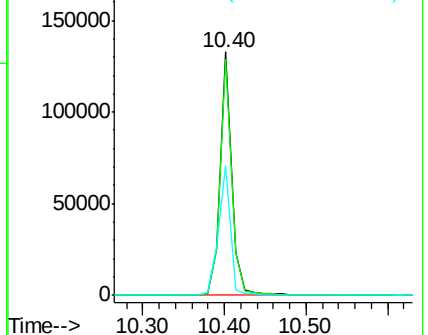
141 55.6 44.9 67.3



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: 83.41 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.04 min

Lab File: BF081097.D

Acq: 19 Aug 2015 23:31

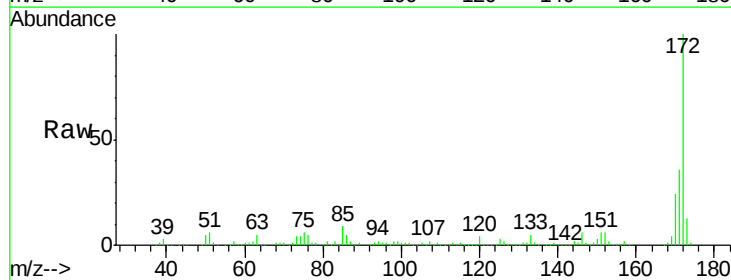
Tgt Ion:172 Resp: 718984

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

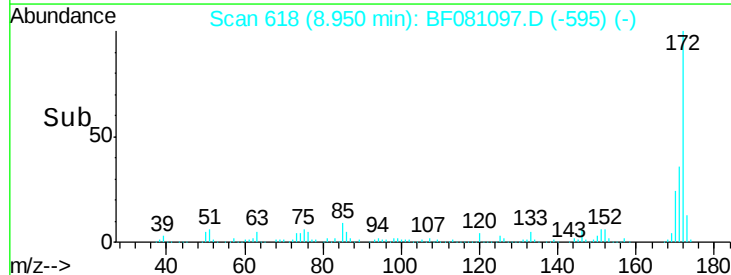
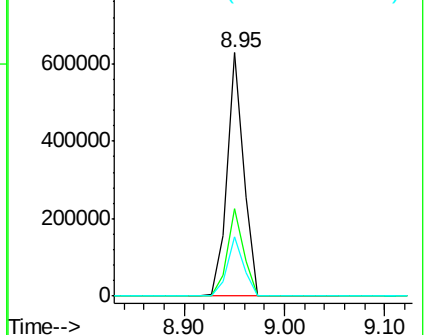
170 24.3 19.4 29.2

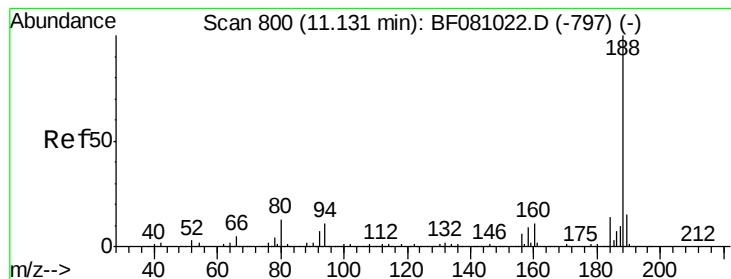


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF081097.D

Acq: 19 Aug 2015 23:31

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-1

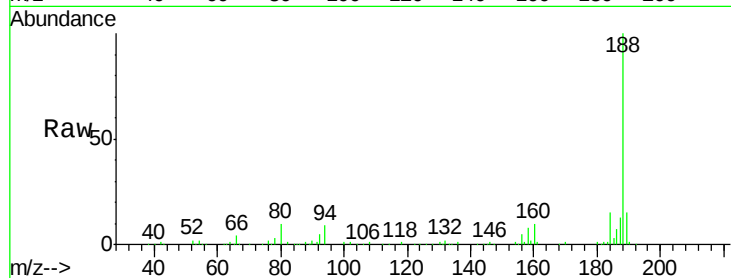
Tgt Ion:188 Resp: 249992

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

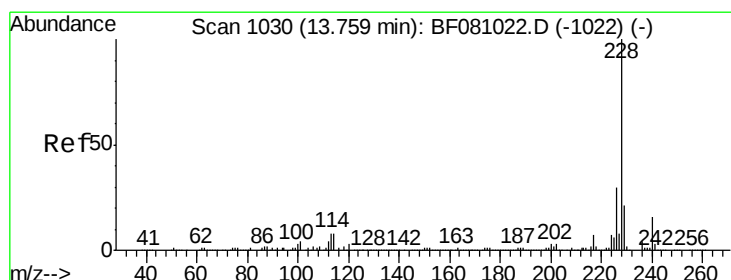
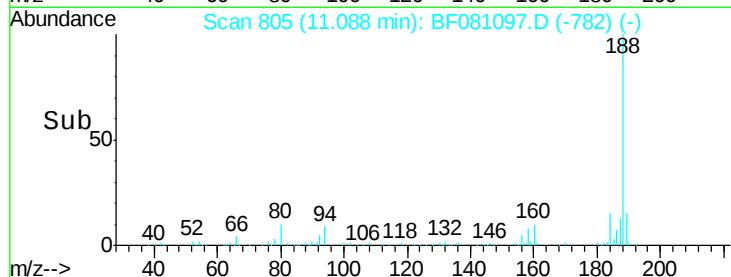
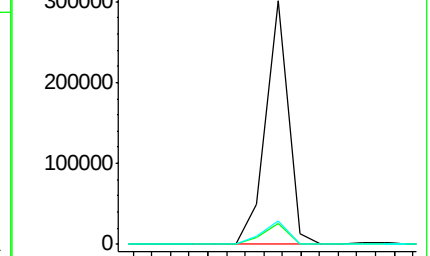
80 9.7 9.5 14.3



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: BF081097.D

Acq: 19 Aug 2015 23:31

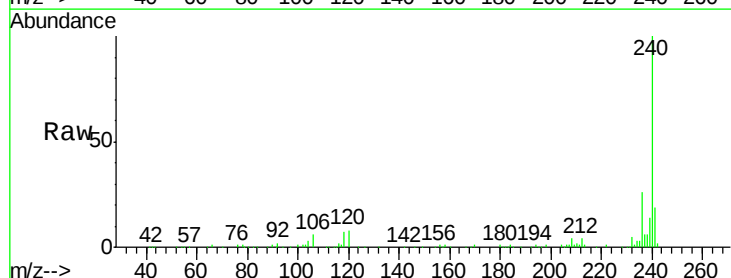
Tgt Ion:240 Resp: 220031

Ion Ratio Lower Upper

240 100

120 7.9 5.6 8.4

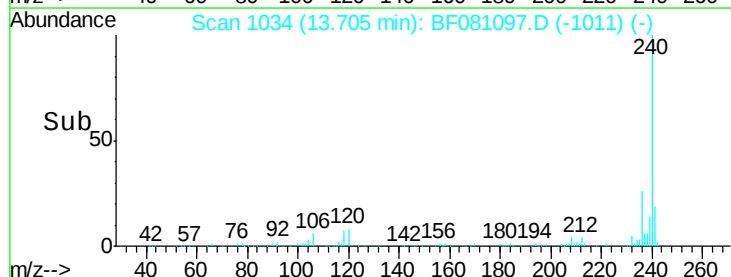
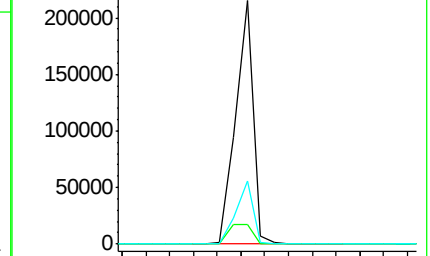
236 25.7 20.6 30.8

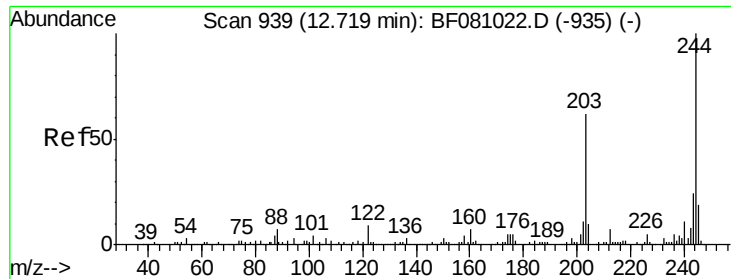


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

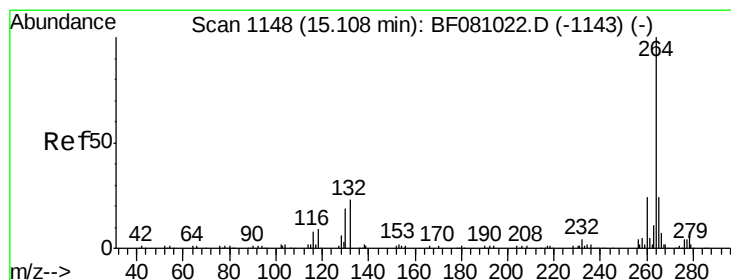
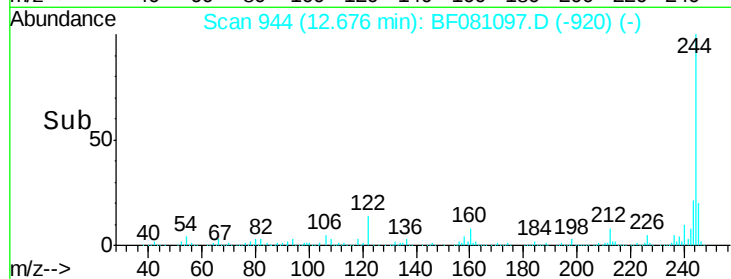
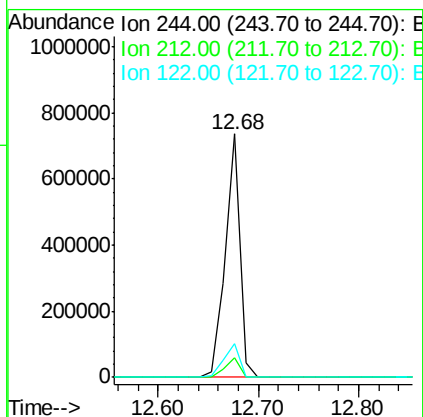
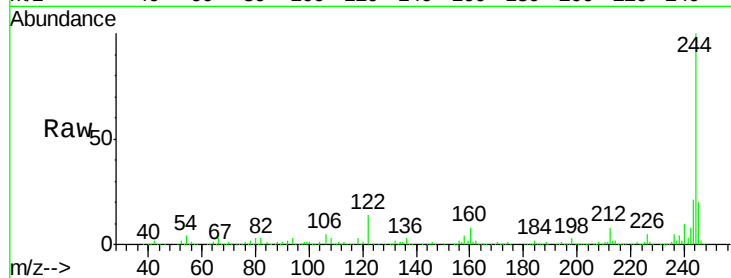




#78
 Terphenyl-d14
 Concen: 72.32 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081097.D
 Acq: 19 Aug 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-1

Tgt Ion: 244 Resp: 742274
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 14.0 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: BF081097.D
 Acq: 19 Aug 2015 23:31

Tgt Ion: 264 Resp: 170161
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 20.9 17.5 26.3

