

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081109.D
 Acq On : 20 Aug 2015 5:42
 Operator : UM/IZ
 Sample : G3304-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-11

Quant Time: Aug 20 06:39:32 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	62684	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	249636	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	112975	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	247416	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	216567	20.00	ng	-0.04
86) Perylene-d12	15.04	264	170219	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	445097	106.80	ng	-0.02
7) Phenol-d6	6.23	99	614295	112.97	ng	-0.03
23) Nitrobenzene-d5	7.16	82	428439	78.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	126735	129.41	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	690218	80.05	ng	-0.04
78) Terphenyl-d14	12.68	244	761279	75.36	ng	-0.03

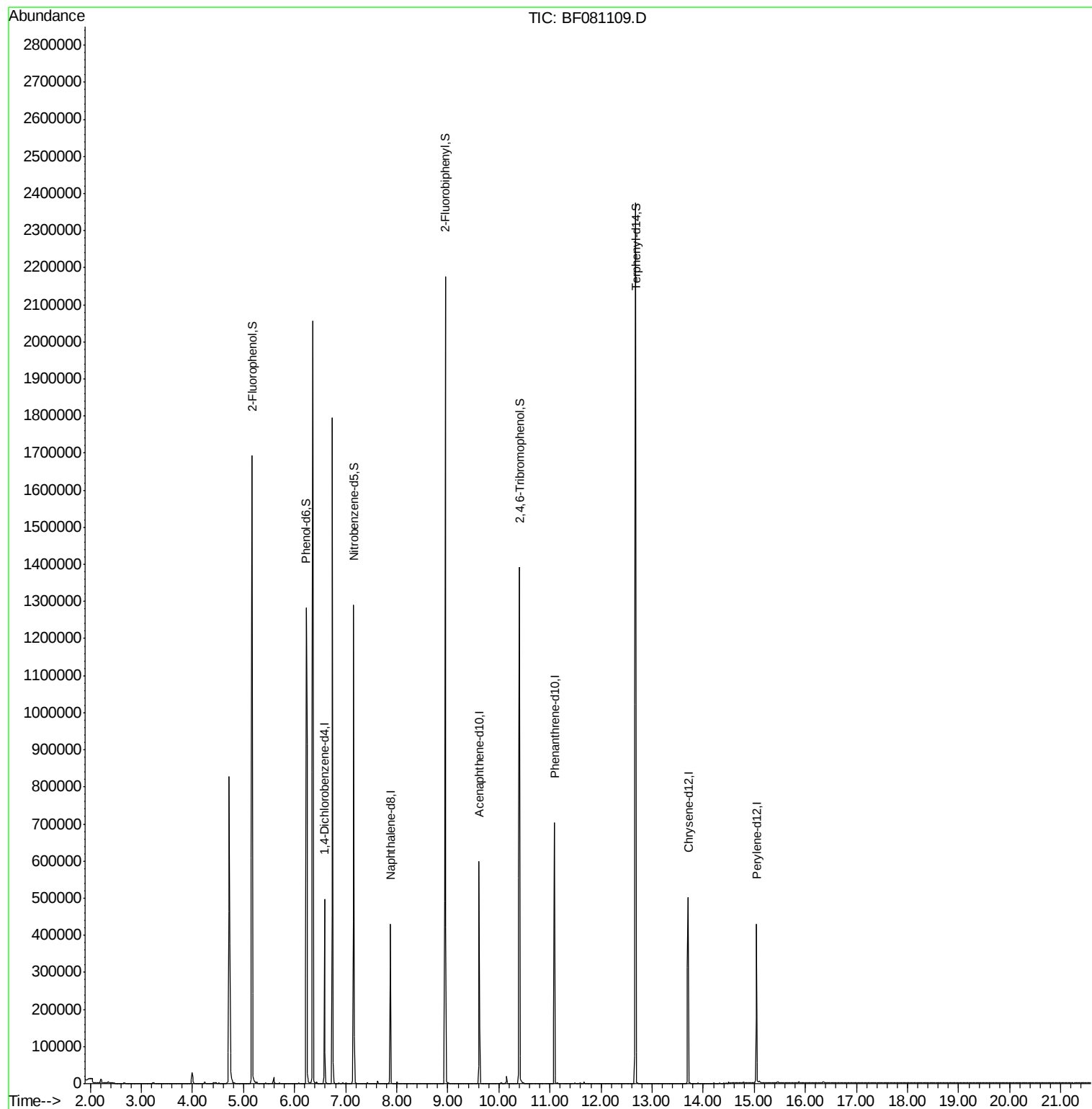
Target Compounds	Qvalue
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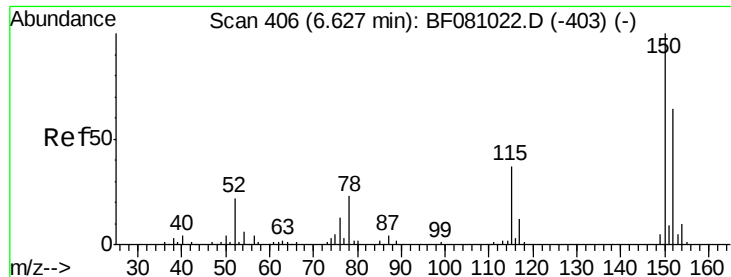
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081109.D

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E2PM-MLSP-11

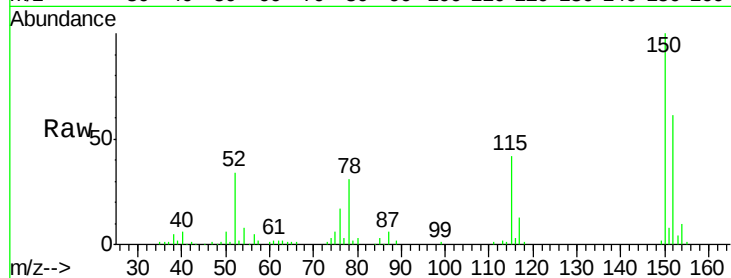
Tgt Ion:152 Resp: 62684

Ion Ratio Lower Upper

152 100

150 164.2 123.8 185.6

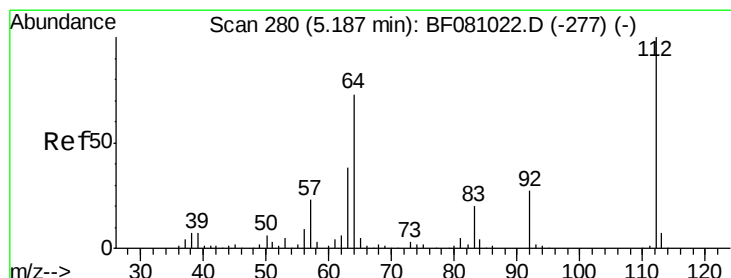
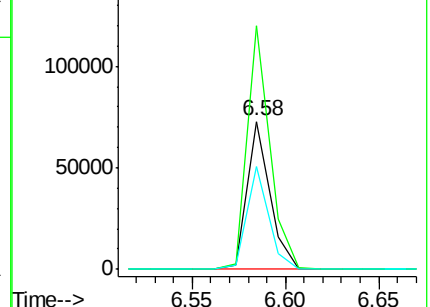
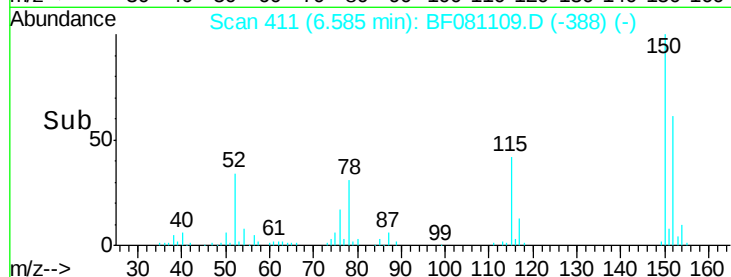
115 68.9 52.1 78.1



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: 106.80 ng

RT: 5.17 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF081109.D

Acq: 20 Aug 2015 5:42

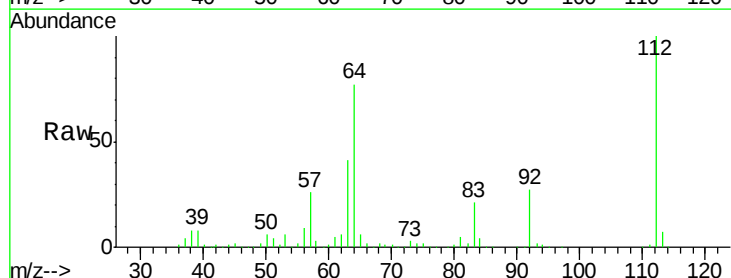
Tgt Ion:112 Resp: 445097

Ion Ratio Lower Upper

112 100

64 77.4 66.9 100.3

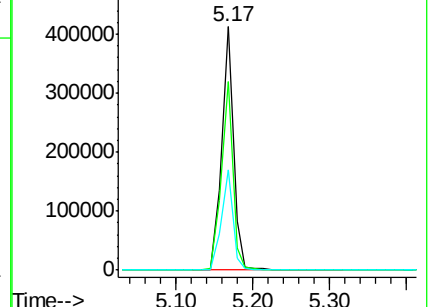
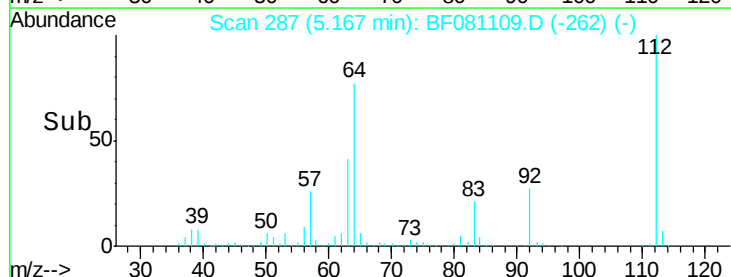
63 41.1 38.1 57.1



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: 112.97 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF081109.D

Acq: 20 Aug 2015 5:42

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-11

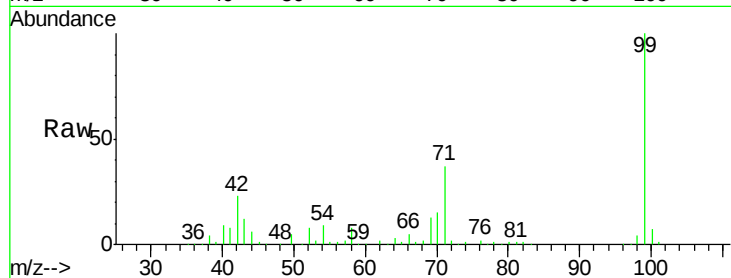
Tgt Ion: 99 Resp: 614295

Ion Ratio Lower Upper

99 100

42 23.1 19.6 29.4

71 36.8 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

500000

400000

300000

200000

100000

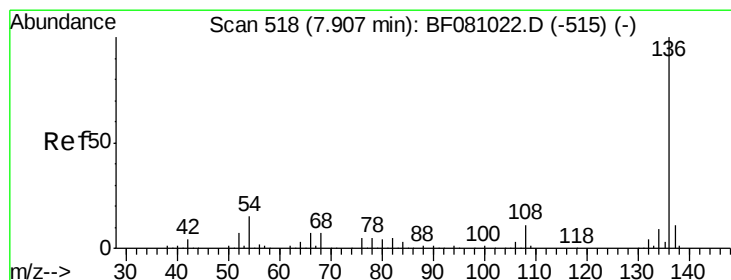
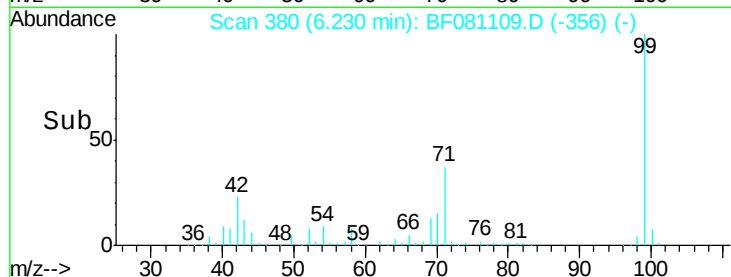
0

6.23

6.20

6.30

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081109.D

Acq: 20 Aug 2015 5:42

Tgt Ion: 136 Resp: 249636

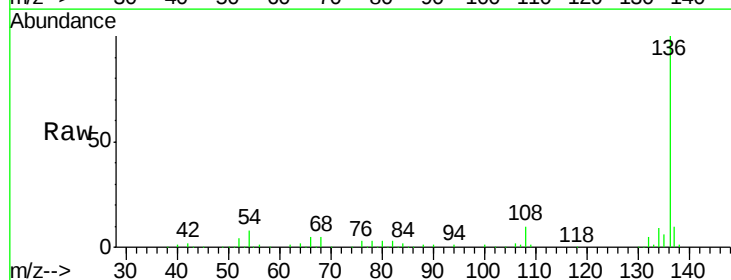
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.2

54 8.3 7.7 11.5

68 4.7 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

300000

200000

100000

0

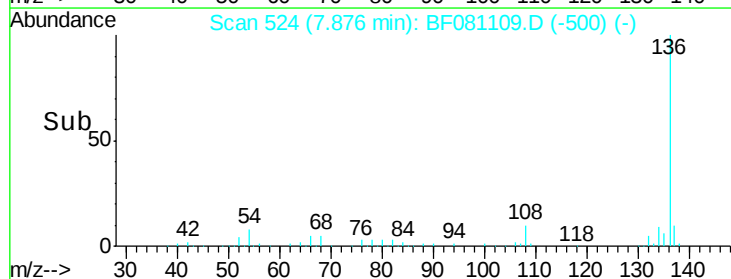
7.88

7.80

7.90

8.00

Time-->

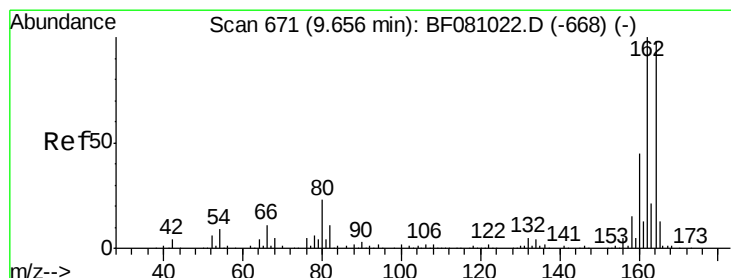
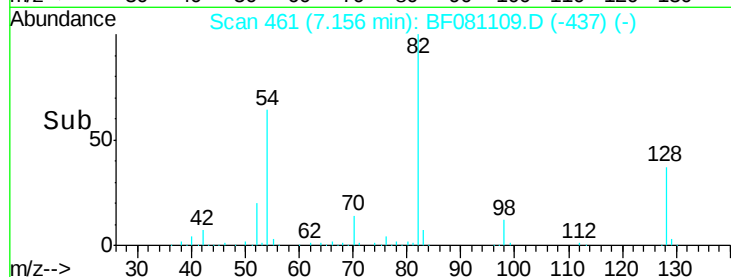
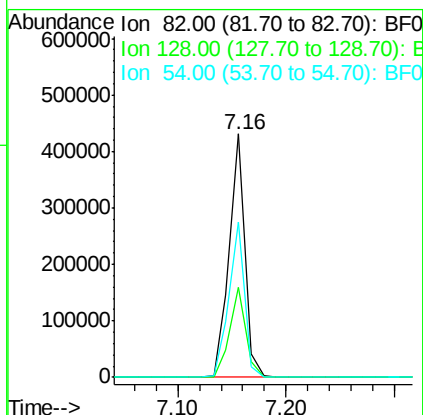
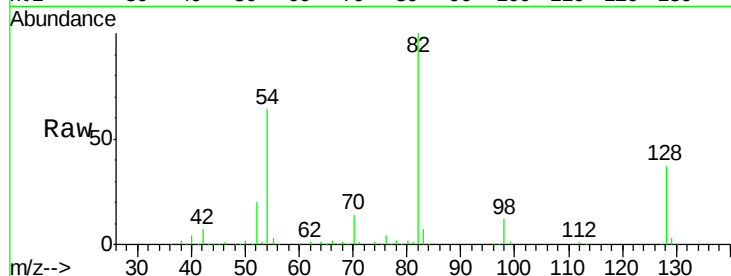




#23
 Nitrobenzene-d5
 Concen: 78.40 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081109.D
 Acq: 20 Aug 2015 5:42

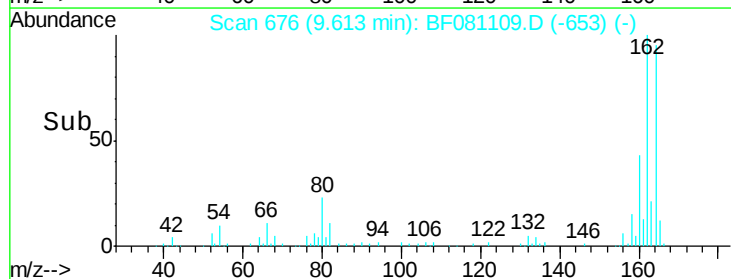
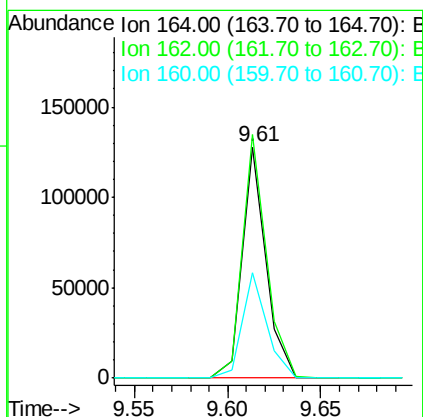
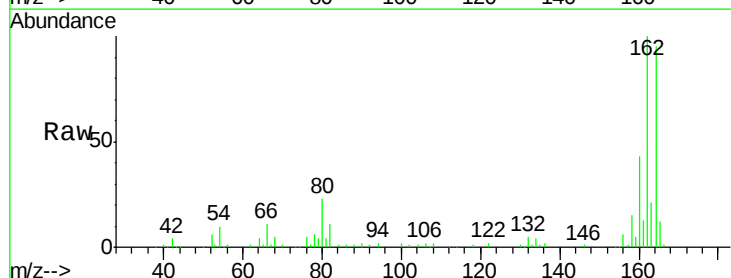
Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-11

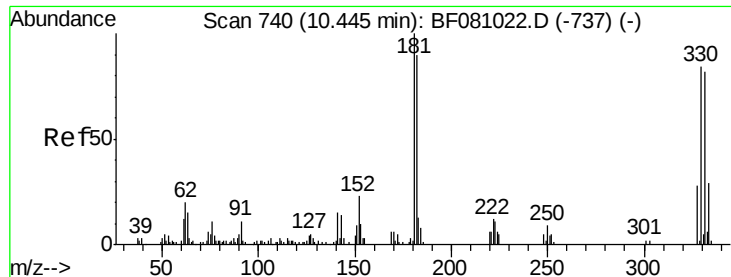
Tgt Ion: 82 Resp: 428439
 Ion Ratio Lower Upper
 82 100
 128 36.9 28.6 42.8
 54 63.7 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081109.D
 Acq: 20 Aug 2015 5:42

Tgt Ion: 164 Resp: 112975
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.8 125.8
 160 45.8 39.8 59.8

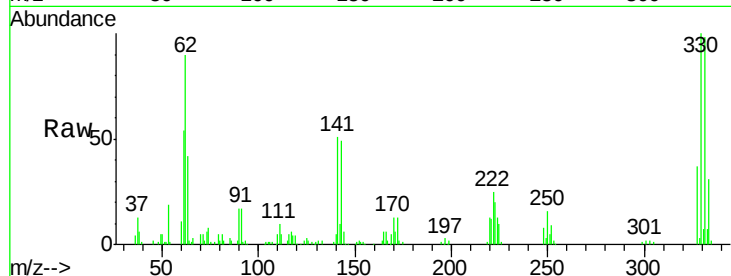




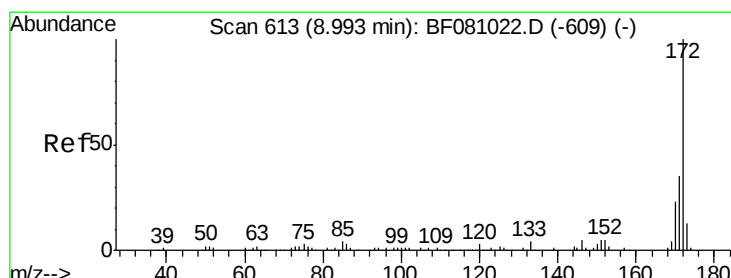
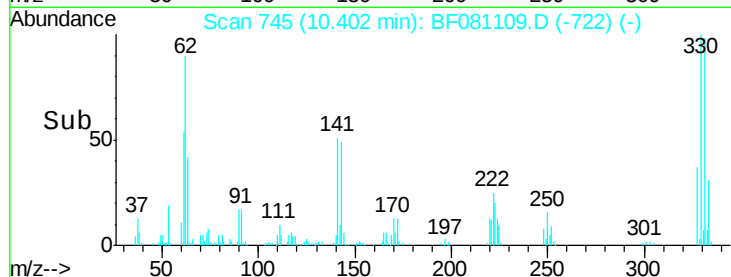
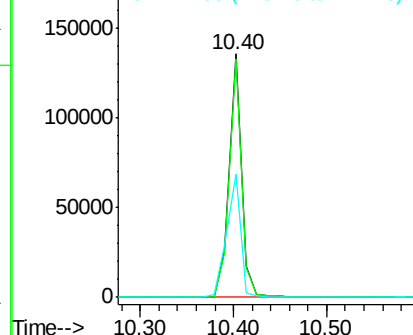
#41
 2,4,6-Tribromophenol
 Concen: 129.41 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.04 min
 Lab File: BF081109.D
 Acq: 20 Aug 2015 5:42

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-11

Tgt Ion:330 Resp: 126735
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 55.4 44.9 67.3

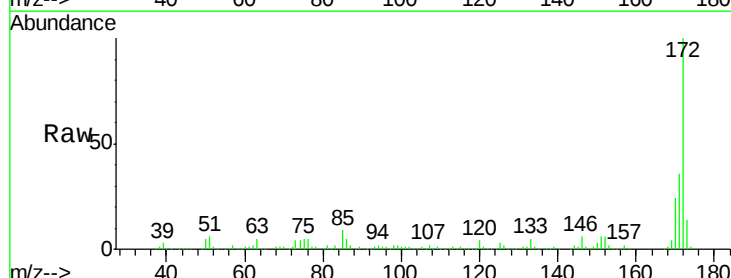


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

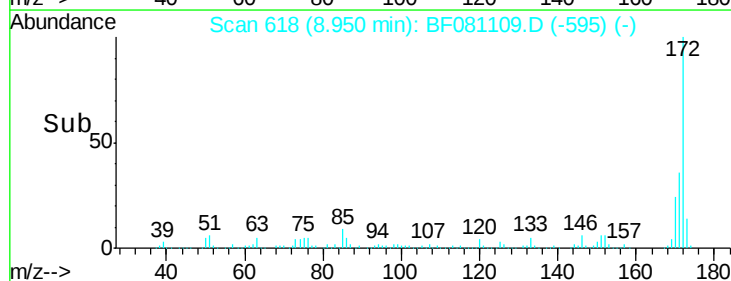
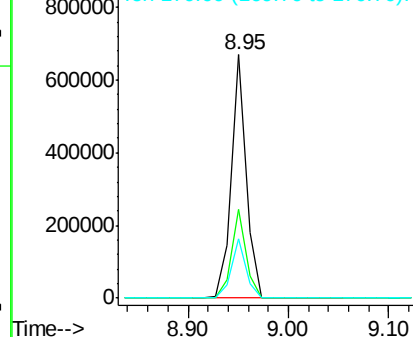


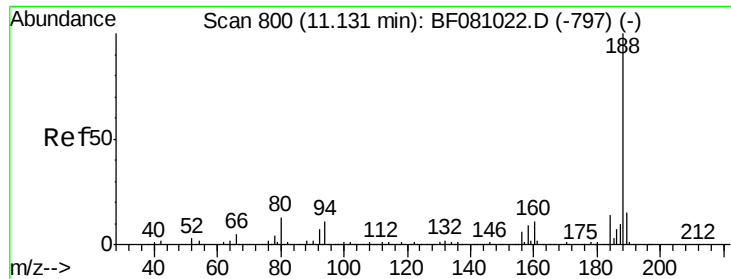
#44
 2-Fluorobiphenyl
 Concen: 80.05 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.04 min
 Lab File: BF081109.D
 Acq: 20 Aug 2015 5:42

Tgt Ion:172 Resp: 690218
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.4 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

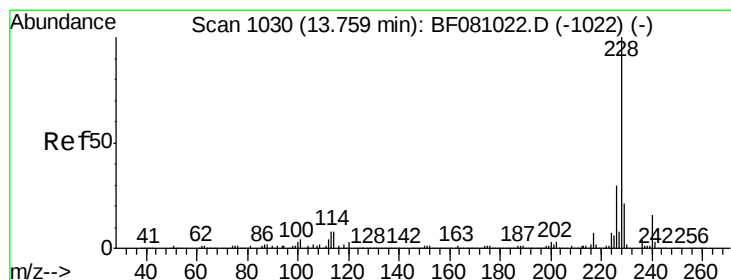
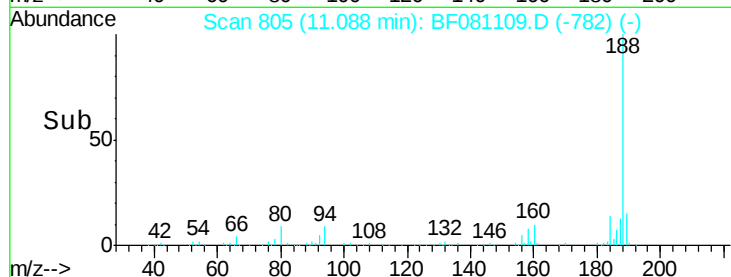
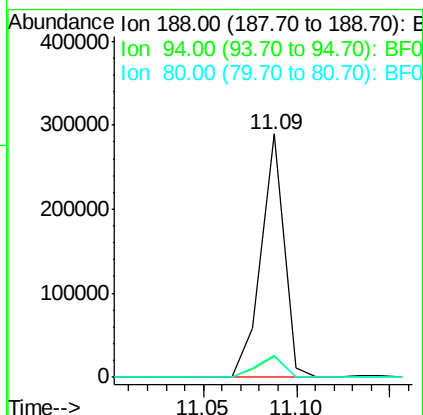
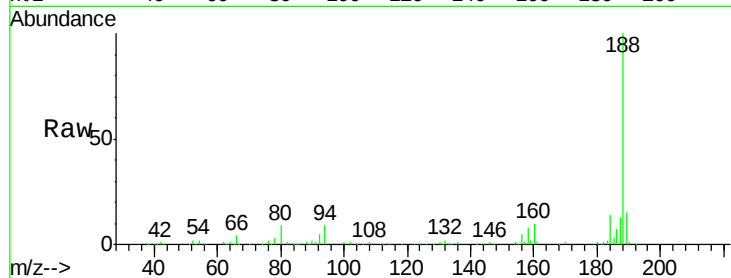




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081109.D
Acq: 20 Aug 2015 5:42

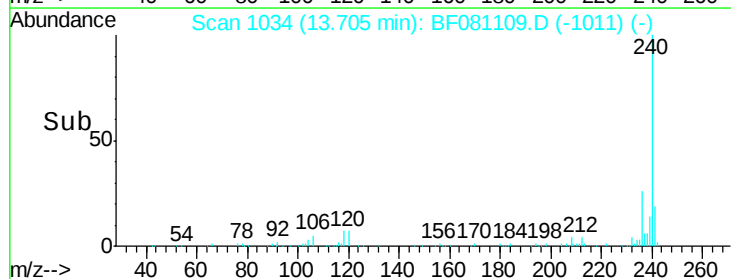
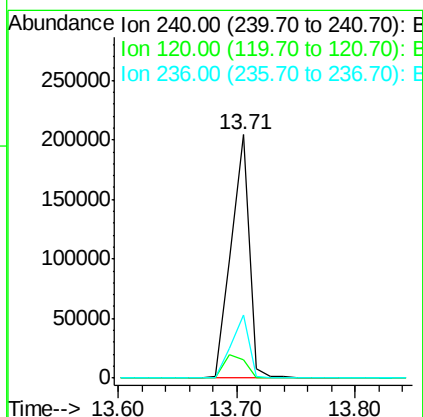
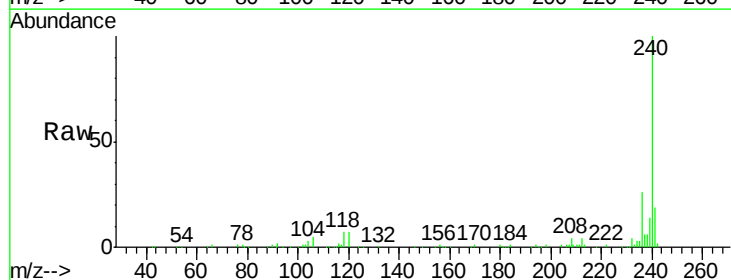
Instrument :
BNA_F
ClientSampleId :
E2PM-MLSP-11

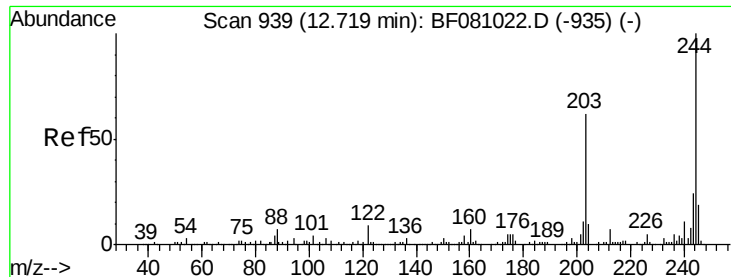
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.3	9.5	14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.04 min
Lab File: BF081109.D
Acq: 20 Aug 2015 5:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.6	8.4
236	25.7	20.6	30.8

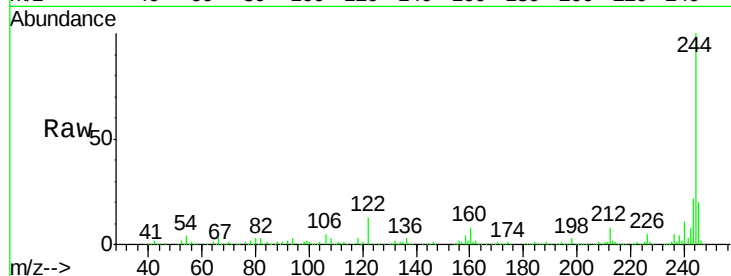




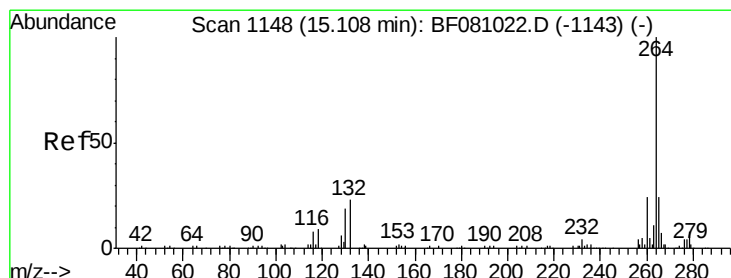
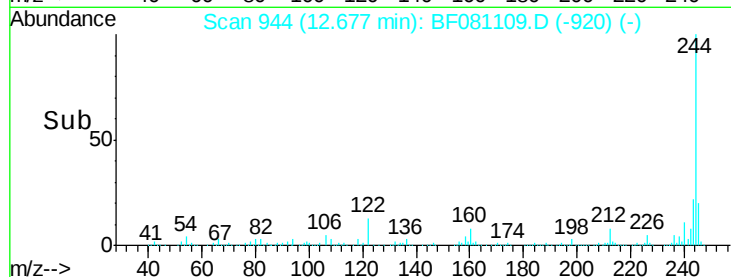
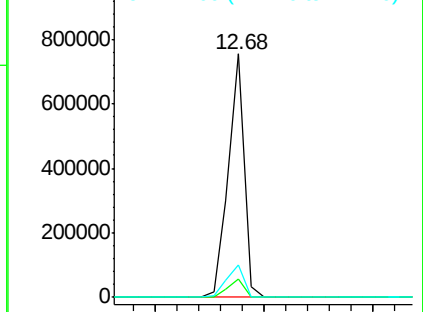
#78
 Terphenyl-d14
 Concen: 75.36 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081109.D
 Acq: 20 Aug 2015 5:42

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-11

Tgt Ion: 244 Resp: 761279
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 13.3 8.2 12.4#

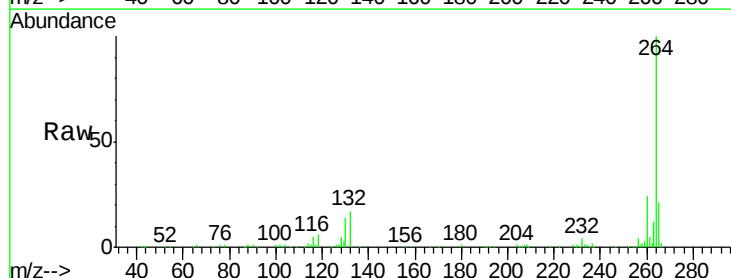


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081109.D
 Acq: 20 Aug 2015 5:42

Tgt Ion: 264 Resp: 170219
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.2 17.5 26.3



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

