

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081091.D
 Acq On : 19 Aug 2015 20:24
 Operator : UM/IZ
 Sample : PB85067BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BL

Quant Time: Aug 20 01:20:50 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	58999	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	232611	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	106063	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	231433	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	207093	20.00	ng	-0.04
86) Perylene-d12	15.04	264	159105	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	478615	122.02	ng	-0.02
7) Phenol-d6	6.23	99	592968	115.86	ng	-0.03
23) Nitrobenzene-d5	7.16	82	387227	76.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	109296	118.88	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	592257	73.17	ng	-0.04
78) Terphenyl-d14	12.68	244	644351	66.70	ng	-0.03

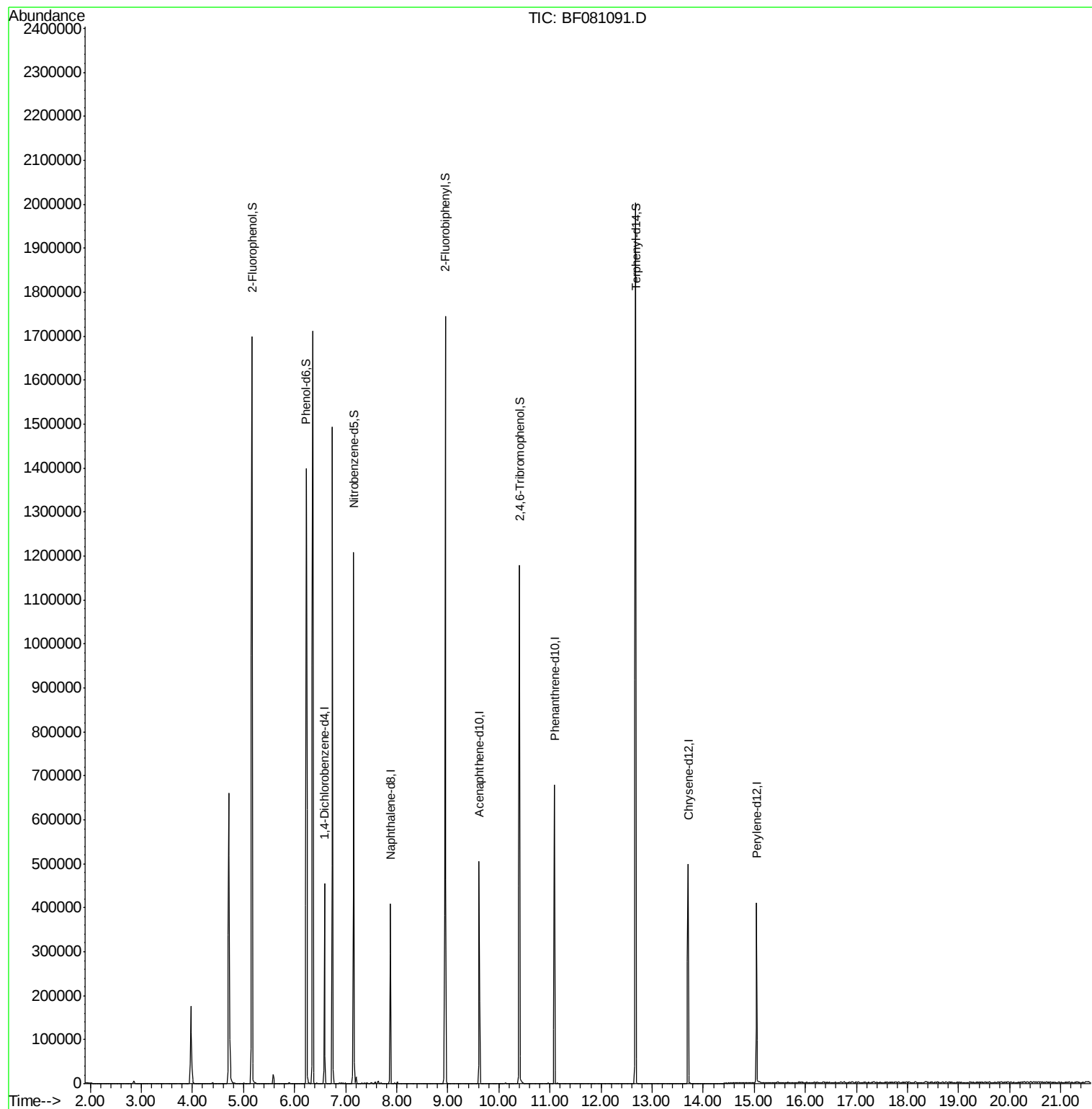
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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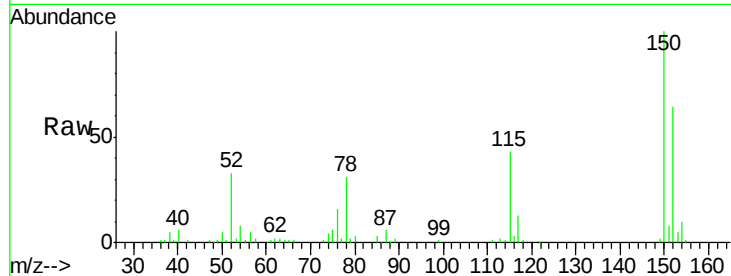


#1

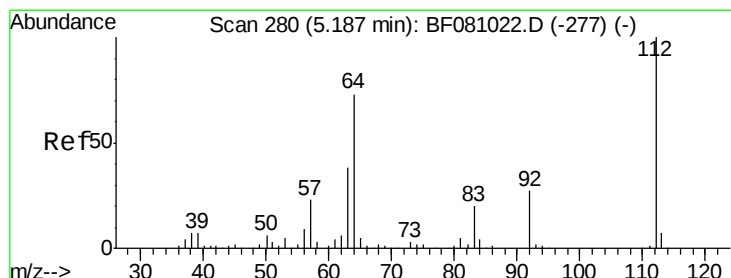
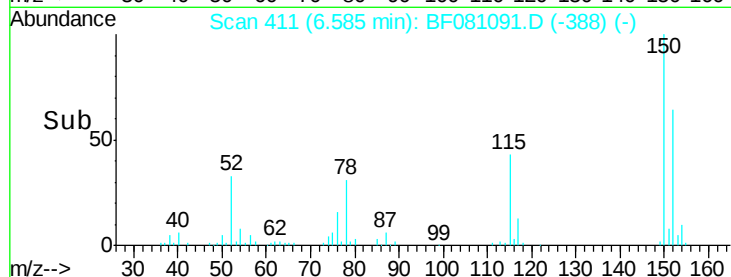
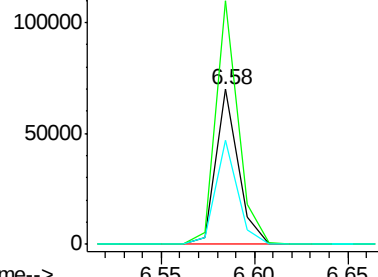
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081091.D
Acq: 19 Aug 2015 20:24

Instrument :
BNA_F
ClientSampleId :
PB85067BL

Tgt Ion:152 Resp: 58999
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 67.1 52.1 78.1



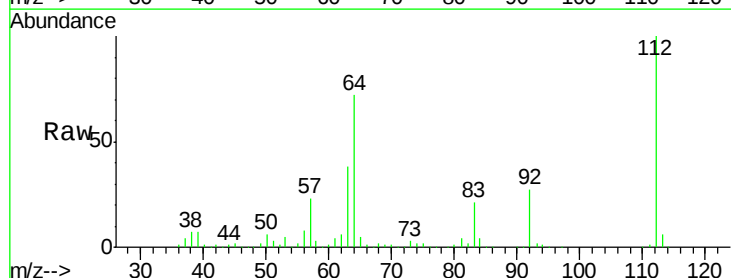
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



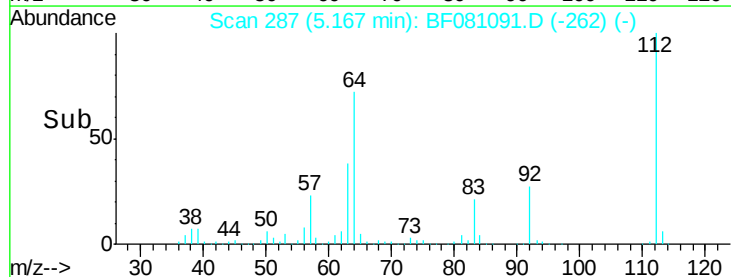
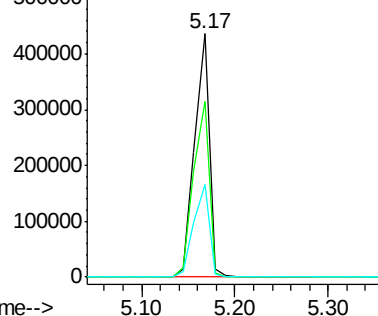
#5

2-Fluorophenol
Concen: 122.02 ng
RT: 5.17 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF081091.D
Acq: 19 Aug 2015 20:24

Tgt Ion:112 Resp: 478615
Ion Ratio Lower Upper
112 100
64 72.4 66.9 100.3
63 38.1 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: 115.86 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF081091.D

Acq: 19 Aug 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB85067BL

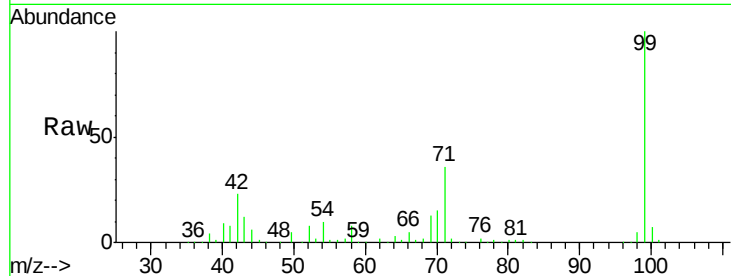
Tgt Ion: 99 Resp: 592968

Ion Ratio Lower Upper

99 100

42 23.3 19.6 29.4

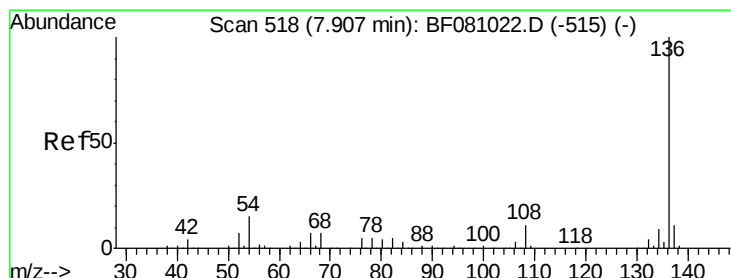
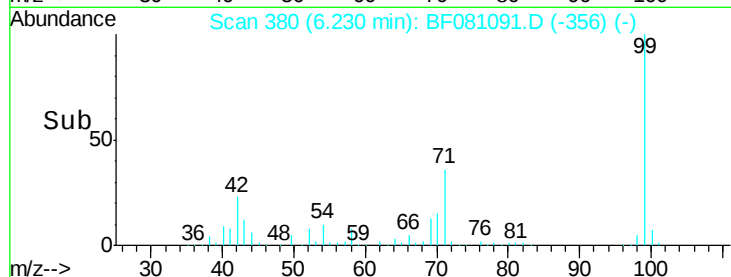
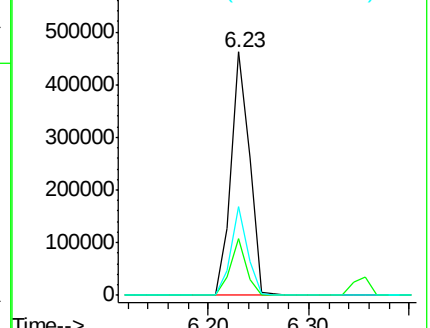
71 36.2 31.2 46.8



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: BF081091.D

Acq: 19 Aug 2015 20:24

Tgt Ion: 136 Resp: 232611

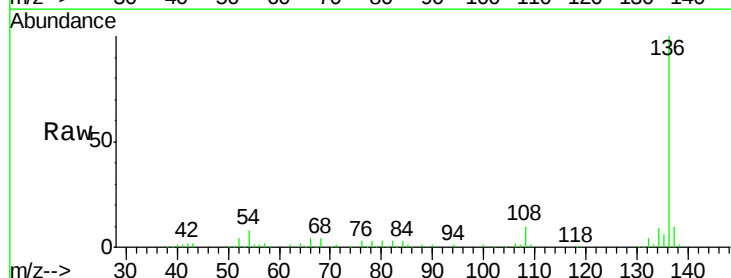
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.2

54 7.9 7.7 11.5

68 4.4 3.4 5.2

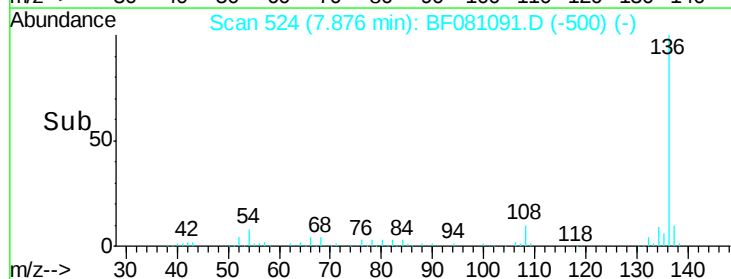
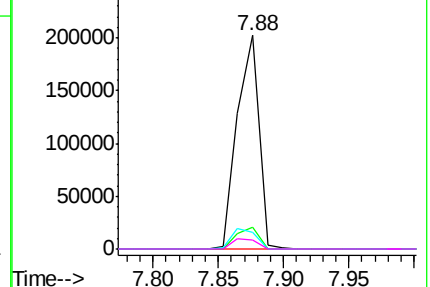


Abundance Ion 136.00 (135.70 to 136.70): E

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

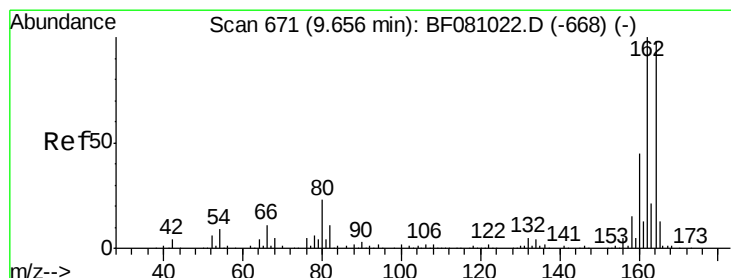
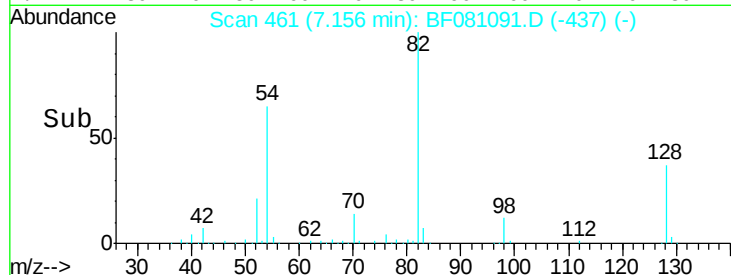
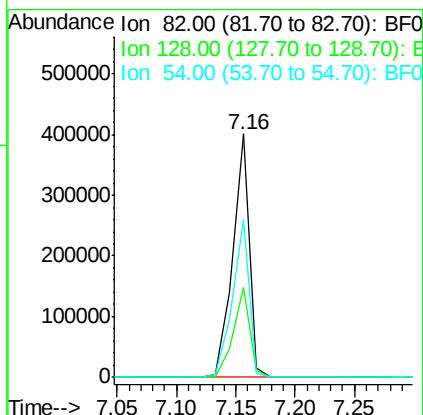
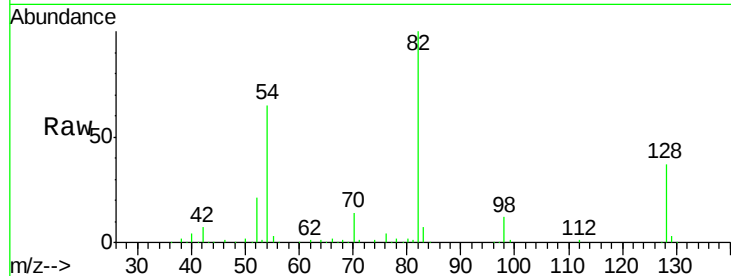




#23
 Nitrobenzene-d5
 Concen: 76.05 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

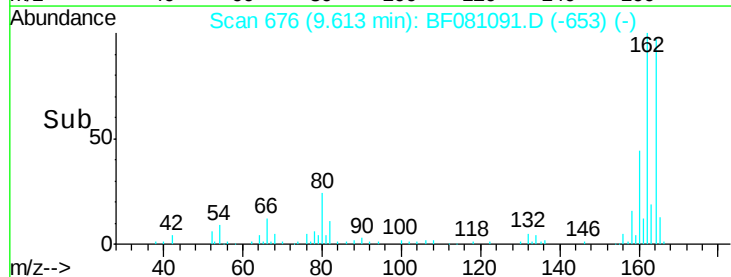
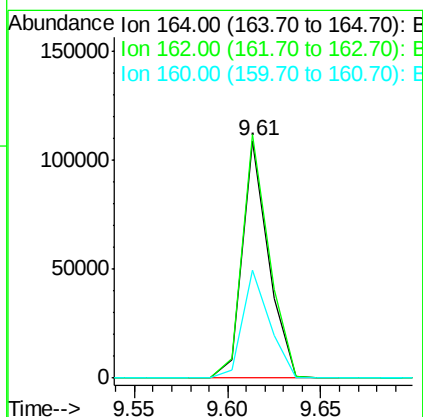
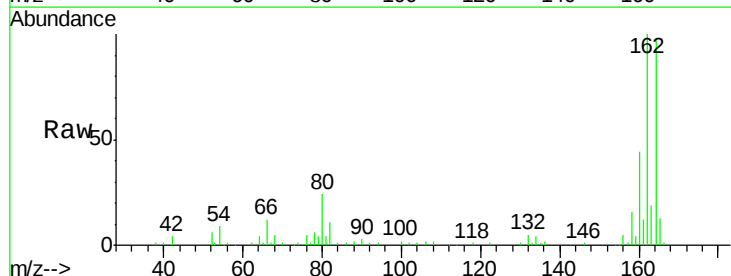
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BL

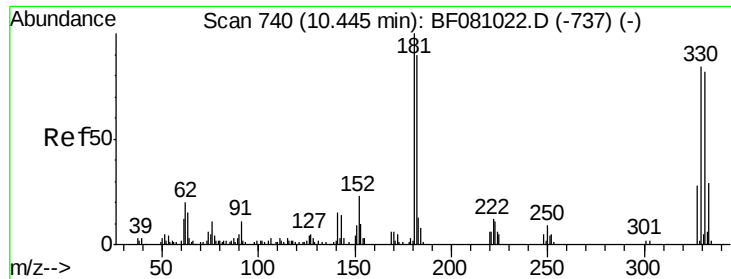
Tgt Ion: 82 Resp: 387227
 Ion Ratio Lower Upper
 82 100
 128 36.8 28.6 42.8
 54 65.0 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

Tgt Ion: 164 Resp: 106063
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.8 125.8
 160 45.4 39.8 59.8

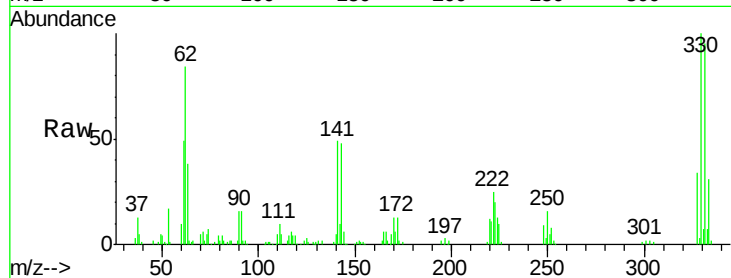




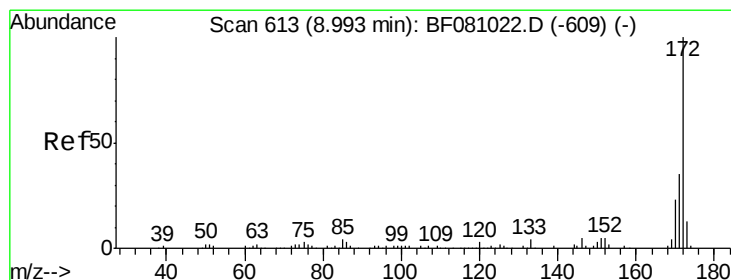
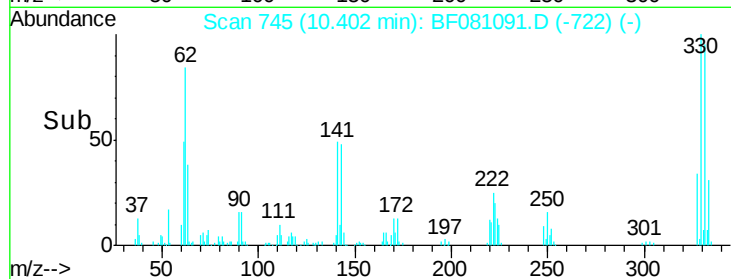
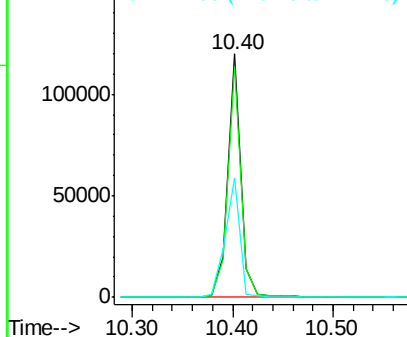
#41
 2,4,6-Tribromophenol
 Concen: 118.88 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.04 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BL

Tgt Ion:330 Resp: 109296
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 54.6 44.9 67.3

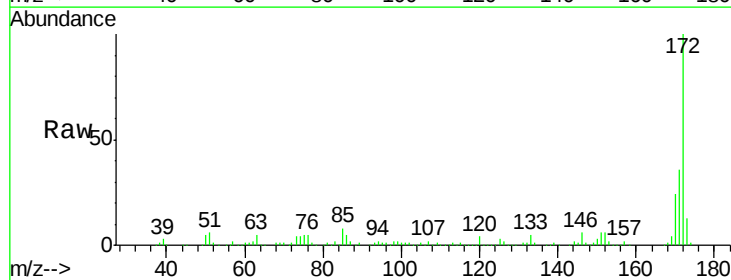


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

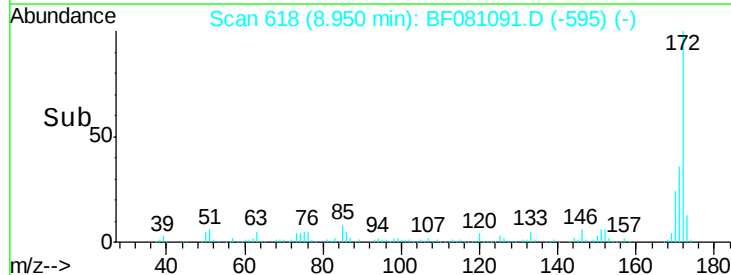
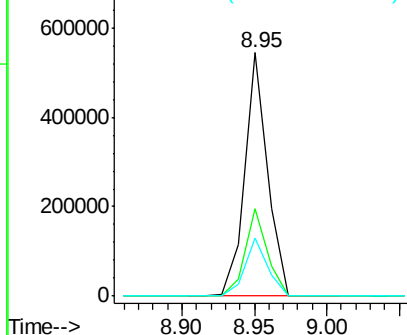


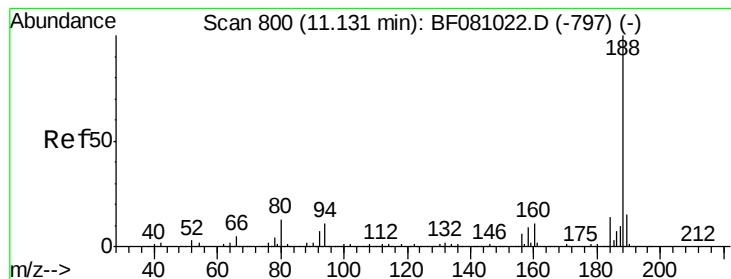
#44
 2-Fluorobiphenyl
 Concen: 73.17 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.04 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

Tgt Ion:172 Resp: 592257
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 23.9 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: BF081091.D

Acq: 19 Aug 2015 20:24

Instrument :

BNA_F

ClientSampleId :

PB85067BL

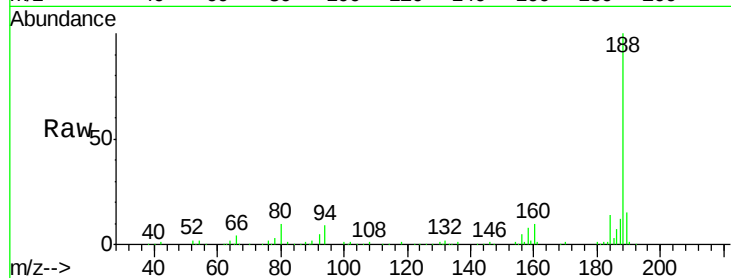
Tgt Ion:188 Resp: 231433

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

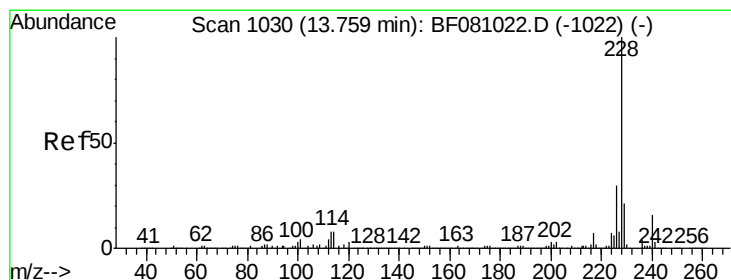
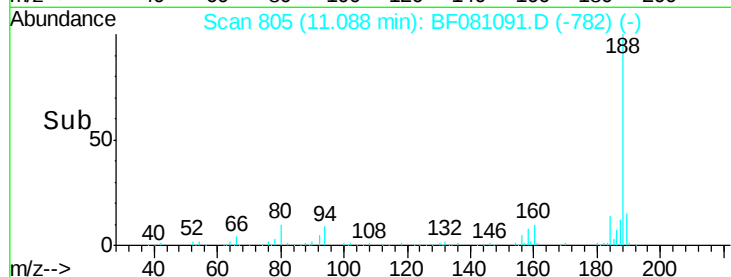
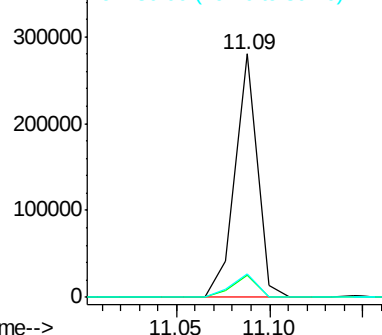
80 9.6 9.5 14.3



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: BF081091.D

Acq: 19 Aug 2015 20:24

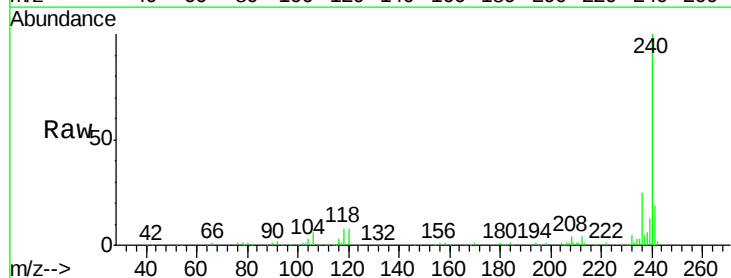
Tgt Ion:240 Resp: 207093

Ion Ratio Lower Upper

240 100

120 8.4 5.6 8.4#

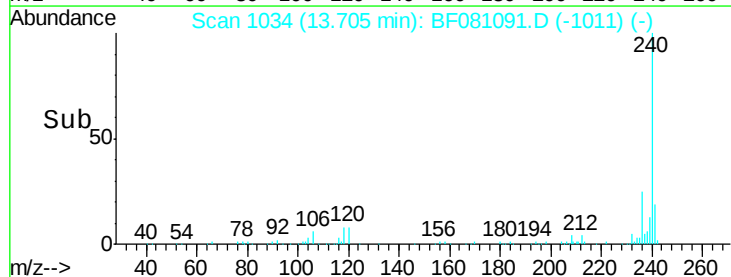
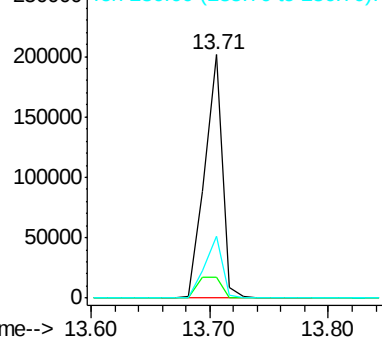
236 25.3 20.6 30.8

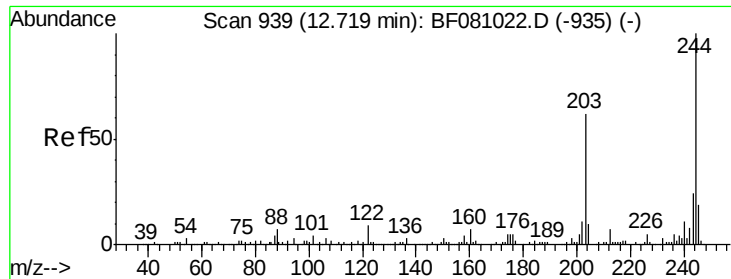


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

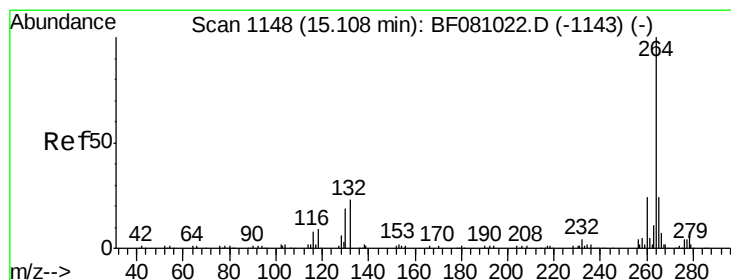
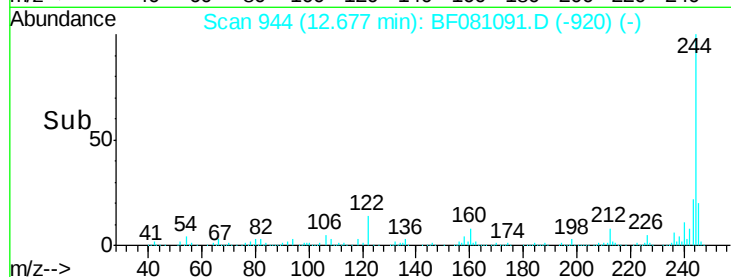
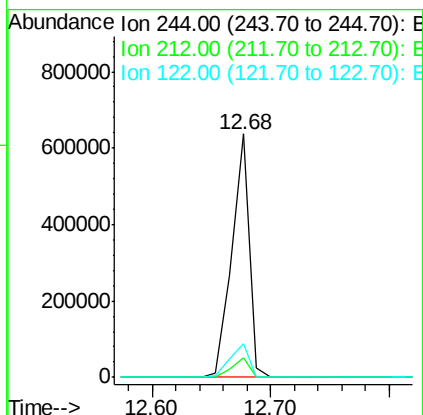
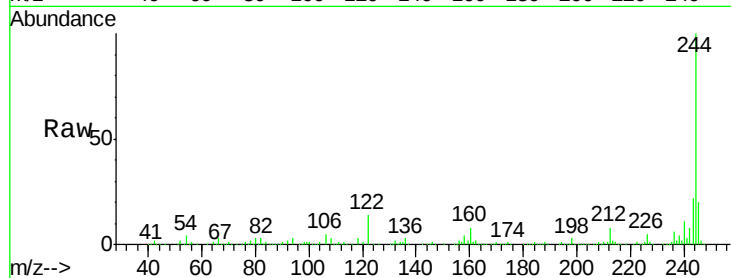




#78
 Terphenyl-d14
 Concen: 66.70 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081091.D
 Acq: 19 Aug 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BL

Tgt Ion:244 Resp: 644351
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 13.6 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: BF081091.D
 Acq: 19 Aug 2015 20:24

Tgt Ion:264 Resp: 159105
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.5 17.5 26.3

