

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081115.D
 Acq On : 20 Aug 2015 8:47
 Operator : UM/IZ
 Sample : G3319-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS-3(12-25FTBGS)

Quant Time: Aug 20 11:33:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	66571	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	260899	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	118375	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	262260	20.00	ng	0.00
75) Chrysene-d12	13.71	240	229272	20.00	ng	0.00
86) Perylene-d12	15.04	264	175143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	442886	100.07	ng	0.02
7) Phenol-d6	6.23	99	577907	100.07	ng	0.00
23) Nitrobenzene-d5	7.16	82	415385	72.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	124290	121.13	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	669975	74.16	ng	-0.01
78) Terphenyl-d14	12.68	244	744702	69.63	ng	0.00

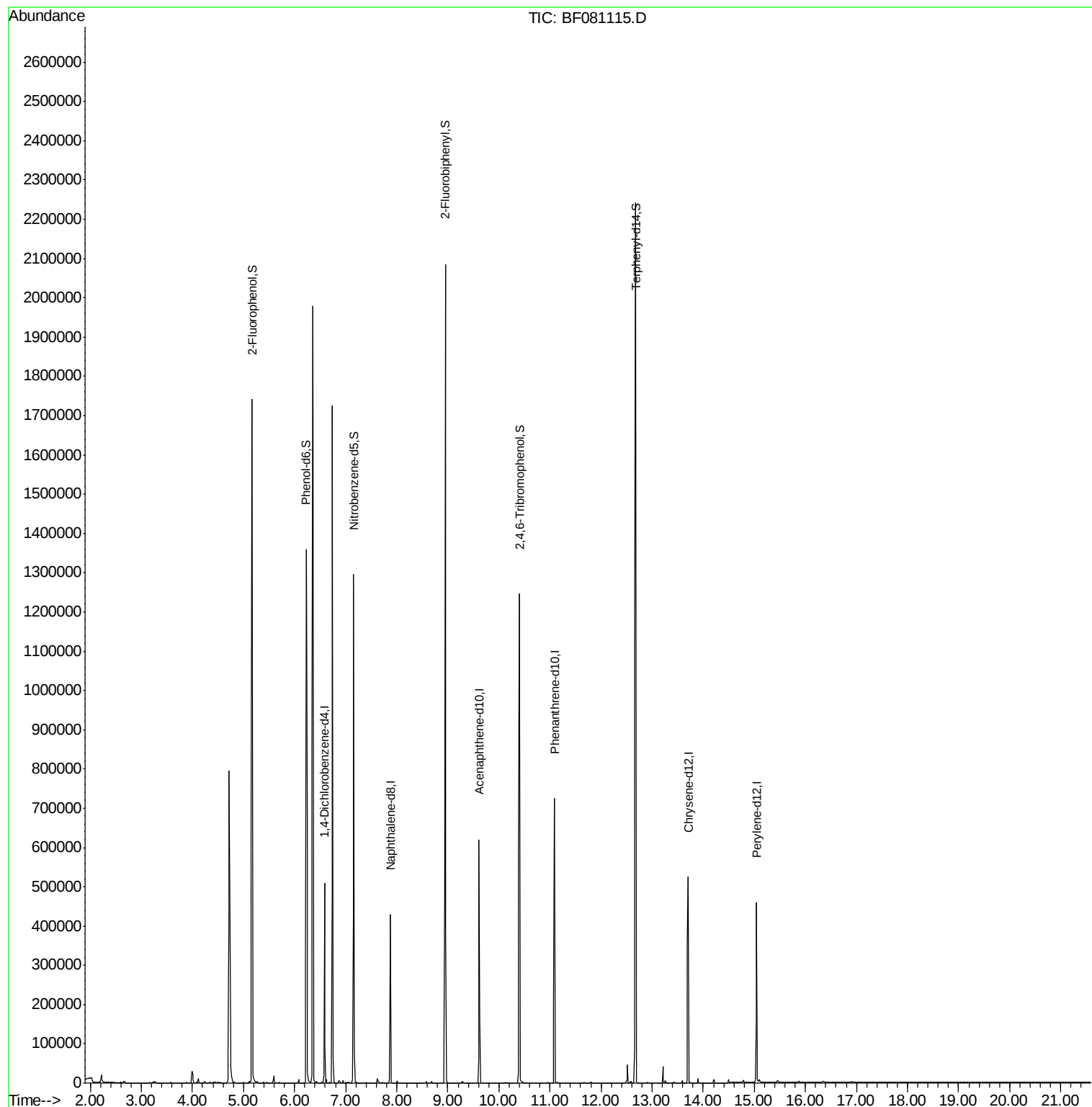
Target Compounds	Qvalue
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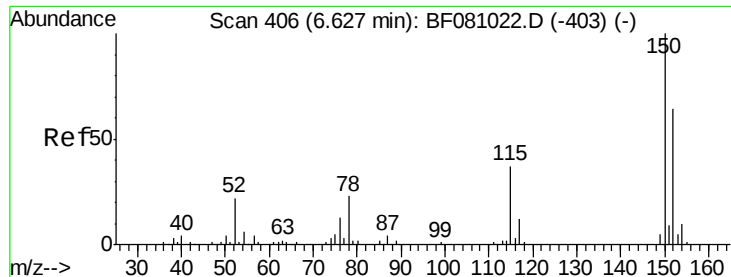
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF081115.D

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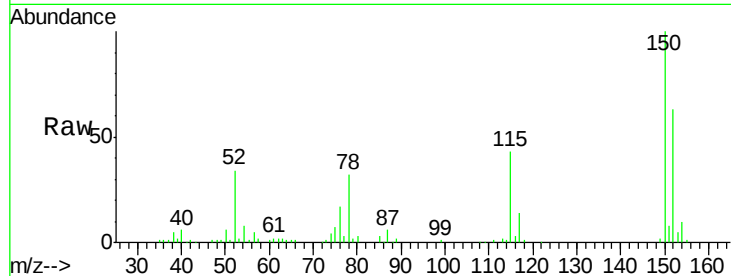
Tgt Ion:152 Resp: 66571

Ion Ratio Lower Upper

152 100

150 158.4 123.8 185.6

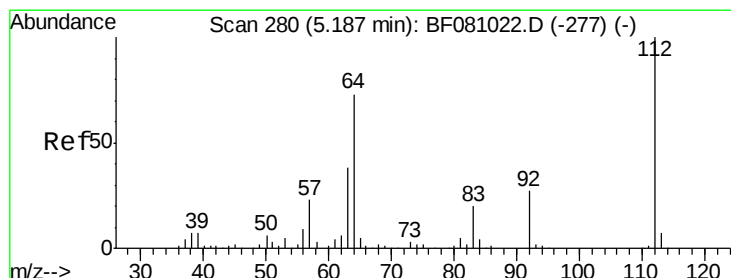
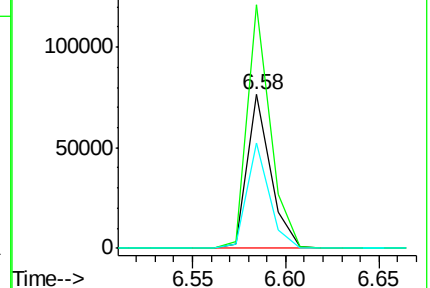
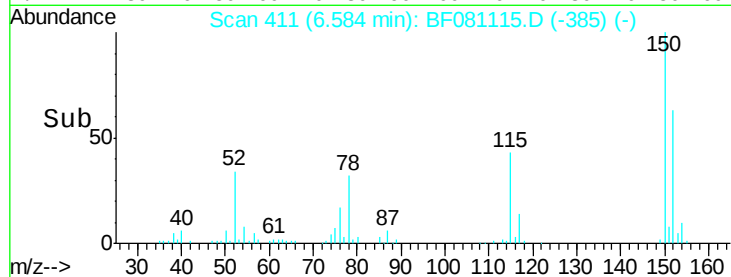
115 68.4 52.1 78.1



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: 100.07 ng

RT: 5.17 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF081115.D

Acq: 20 Aug 2015 8:47

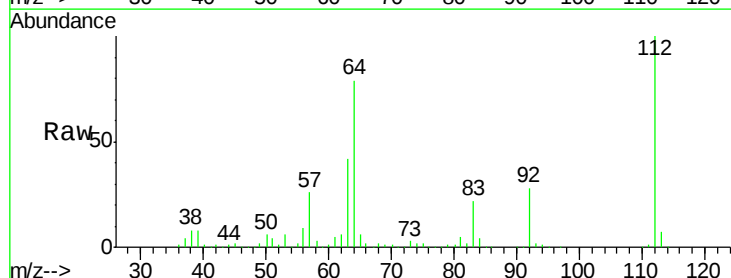
Tgt Ion:112 Resp: 442886

Ion Ratio Lower Upper

112 100

64 78.9 66.9 100.3

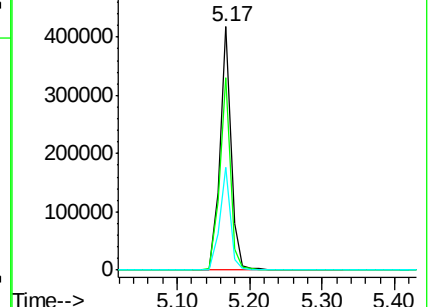
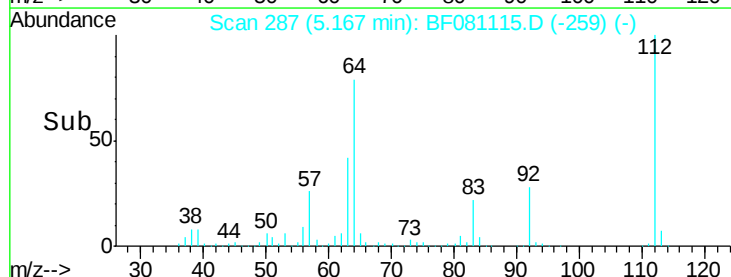
63 42.3 38.1 57.1



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: 100.07 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081115.D

Acq: 20 Aug 2015 8:47

Instrument :

BNA_F

ClientSampleId :

NCB-015CS-3(12-25FTBGS)

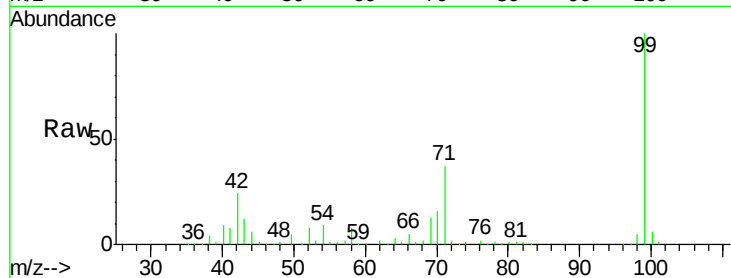
Tgt Ion: 99 Resp: 577907

Ion Ratio Lower Upper

99 100

42 23.7 19.6 29.4

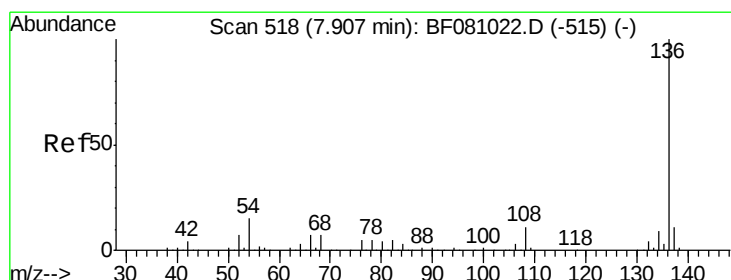
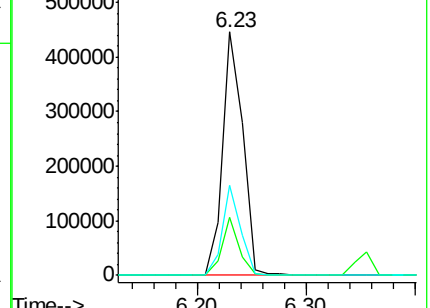
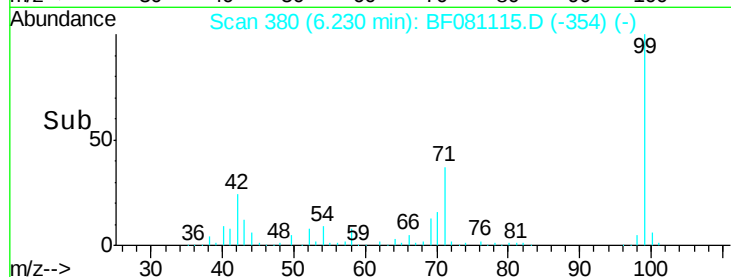
71 36.8 31.2 46.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF081115.D

Acq: 20 Aug 2015 8:47

Tgt Ion: 136 Resp: 260899

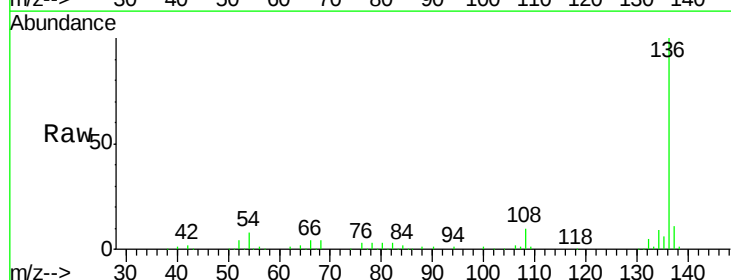
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 8.5 7.7 11.5

68 4.4 3.4 5.2

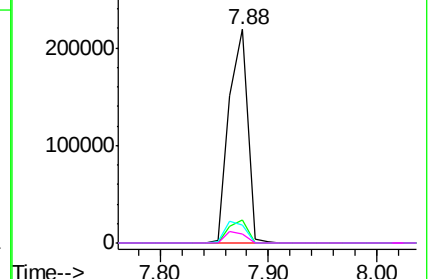
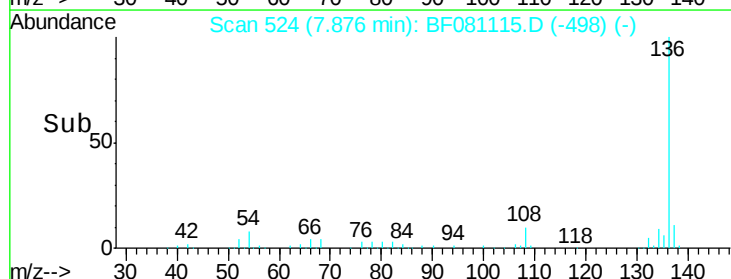


Abundance Ion 136.00 (135.70 to 136.70): E

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

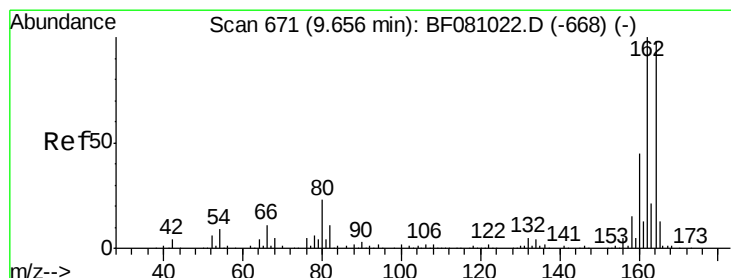
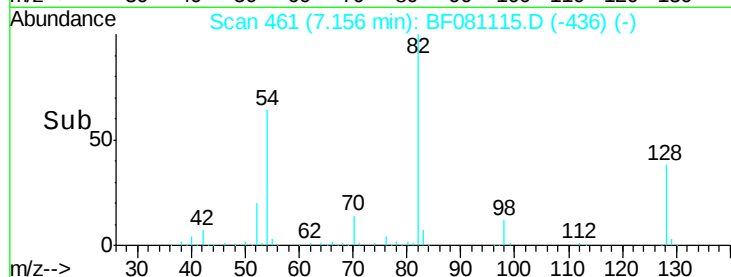
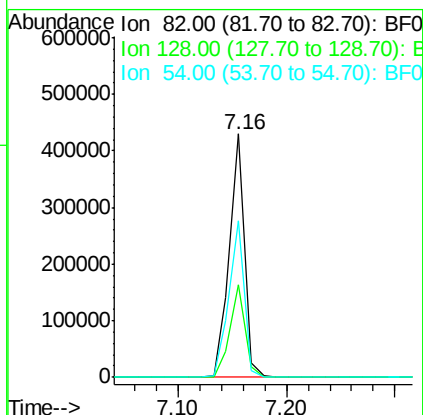
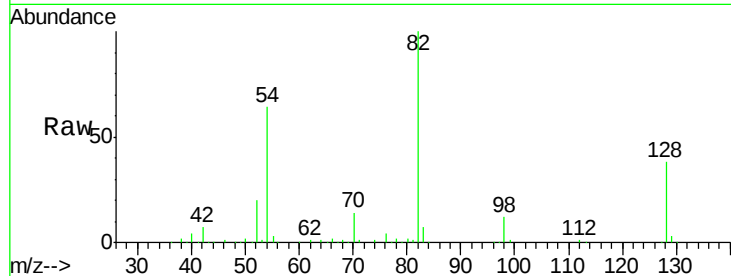




#23
 Nitrobenzene-d5
 Concen: 72.73 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF081115.D
 Acq: 20 Aug 2015 8:47

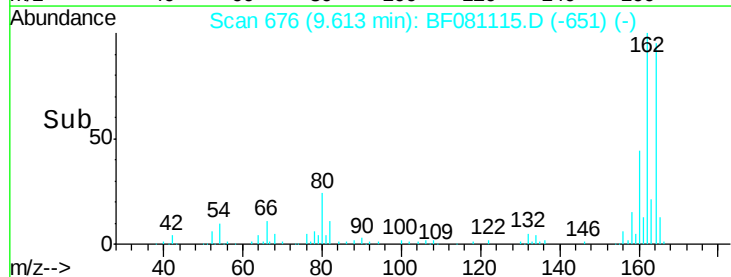
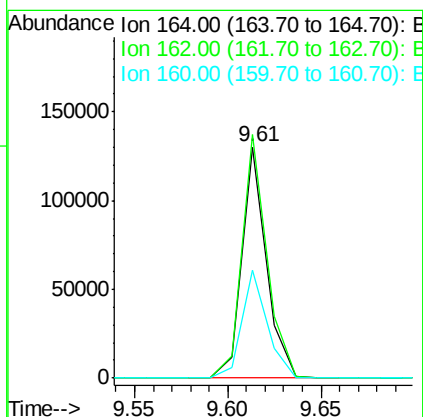
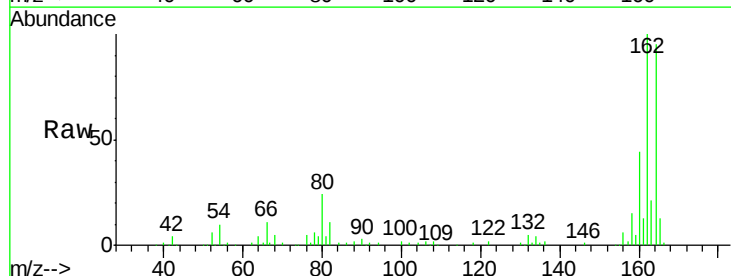
Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS-3(12-25FTBGS)

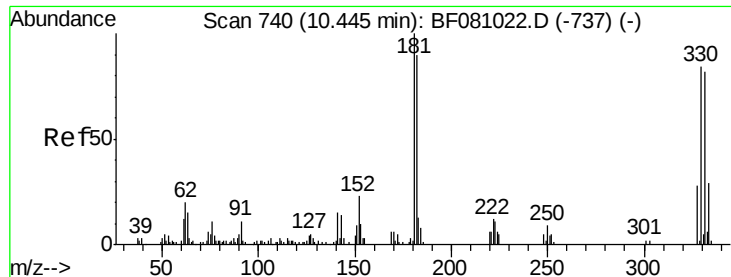
Tgt Ion: 82 Resp: 415385
 Ion Ratio Lower Upper
 82 100
 128 37.9 28.6 42.8
 54 64.3 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081115.D
 Acq: 20 Aug 2015 8:47

Tgt Ion: 164 Resp: 118375
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.8 125.8
 160 46.8 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 121.13 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081115.D

Acq: 20 Aug 2015 8:47

Instrument :

BNA_F

ClientSampleId :

NCB-015CS-3(12-25FTBGS)

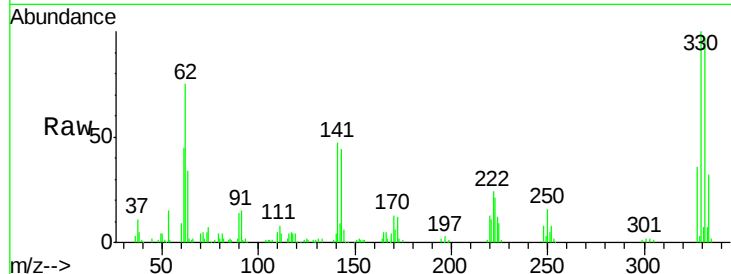
Tgt Ion:330 Resp: 124290

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

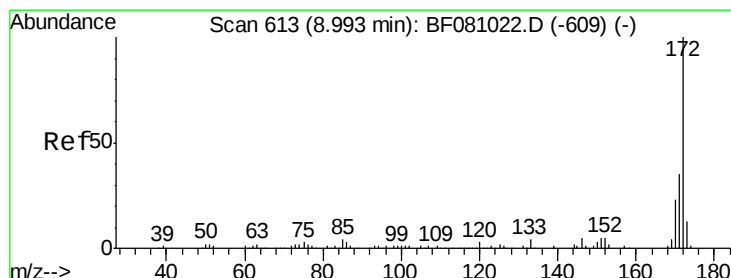
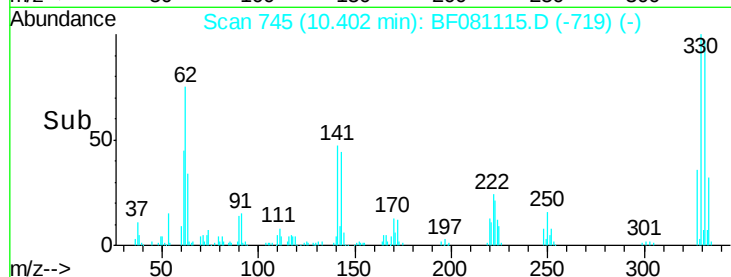
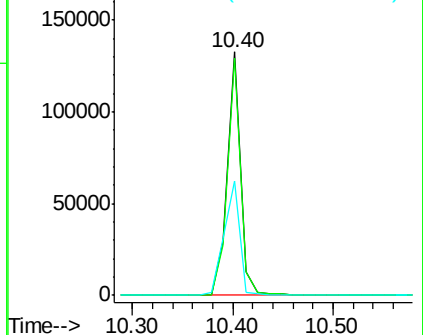
141 54.4 44.9 67.3



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: 74.16 ng

RT: 8.95 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF081115.D

Acq: 20 Aug 2015 8:47

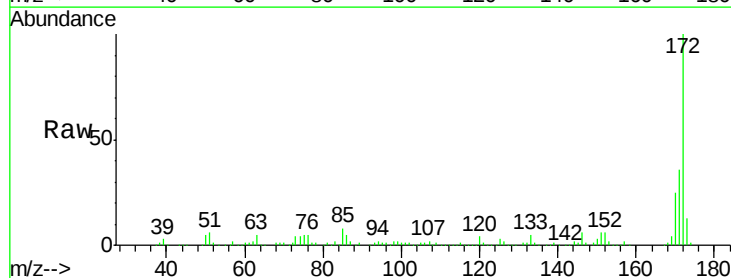
Tgt Ion:172 Resp: 669975

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

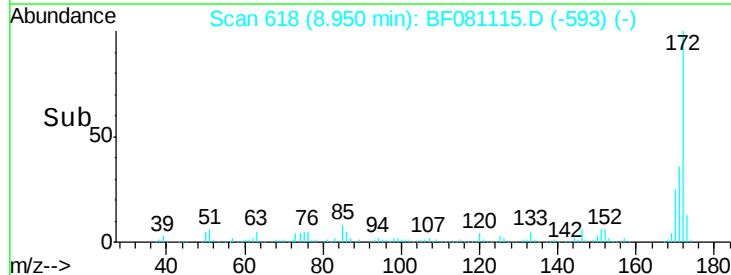
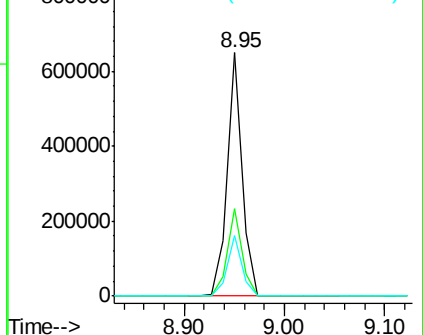
170 24.8 19.4 29.2

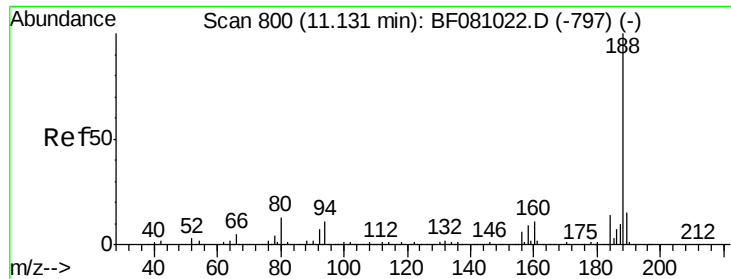


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

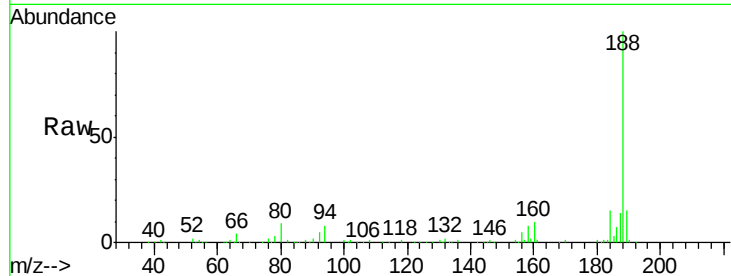




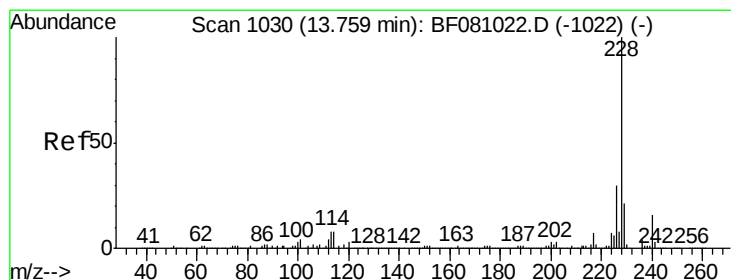
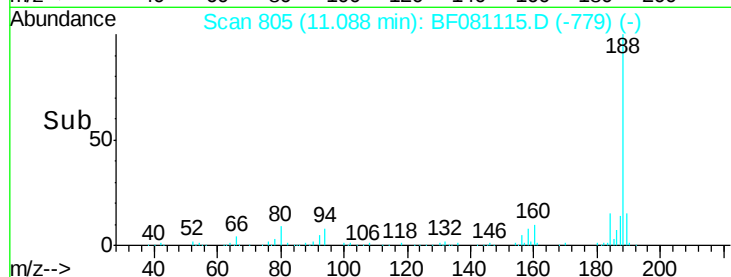
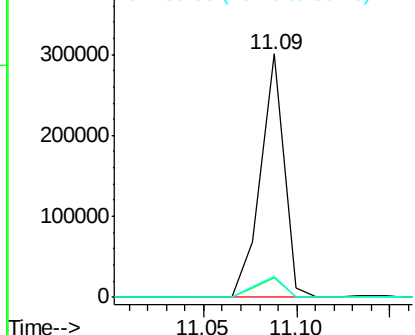
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-3(12-25FTBGS)

Tgt Ion:188 Resp: 262260
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 8.7 9.5 14.3#

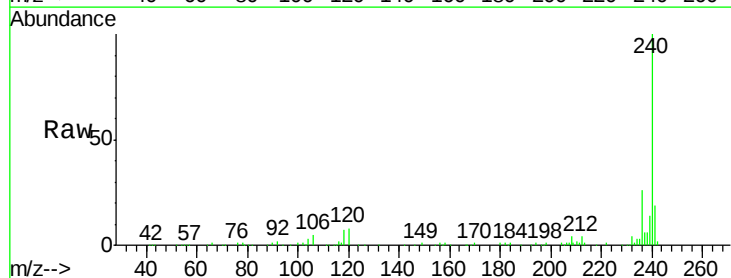


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

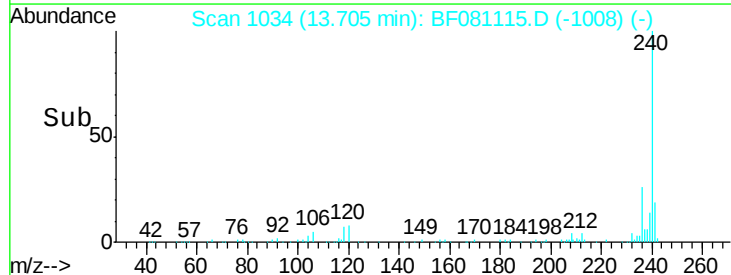
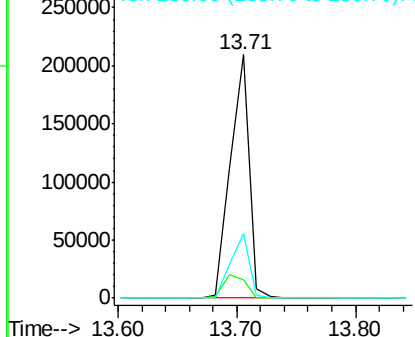


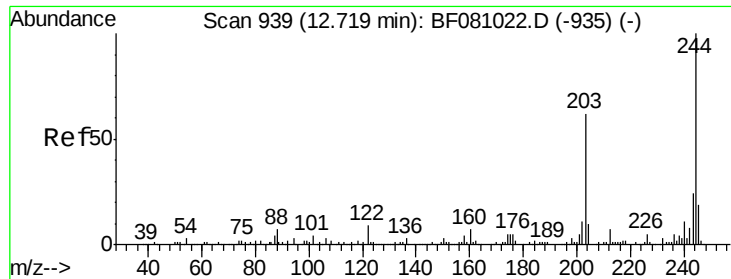
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF081115.D
Acq: 20 Aug 2015 8:47

Tgt Ion:240 Resp: 229272
Ion Ratio Lower Upper
240 100
120 7.7 5.6 8.4
236 26.4 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

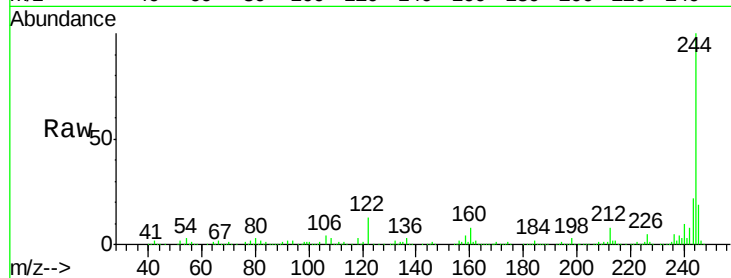




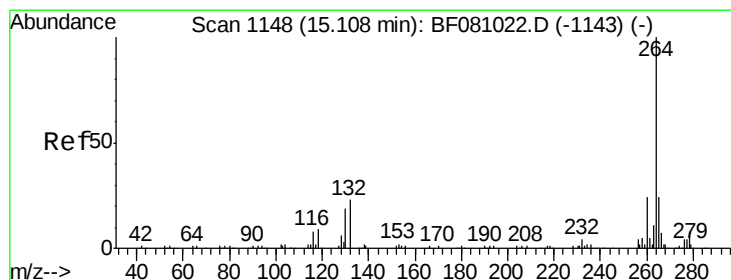
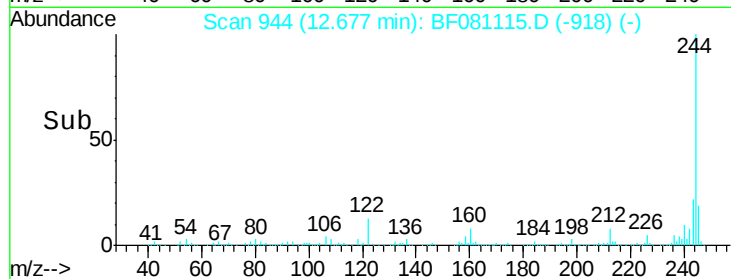
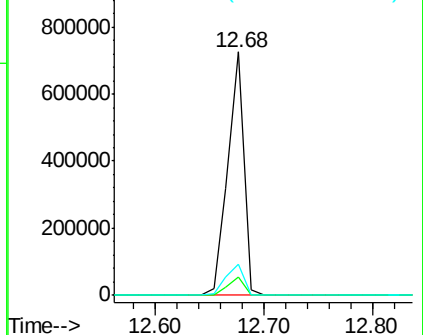
#78
 Terphenyl-d14
 Concen: 69.63 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF081115.D
 Acq: 20 Aug 2015 8:47

Instrument :
 BNA_F
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 NCB-015CS-3(12-25FTBGS)

Tgt Ion: 244 Resp: 744702
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 12.6 8.2 12.4#

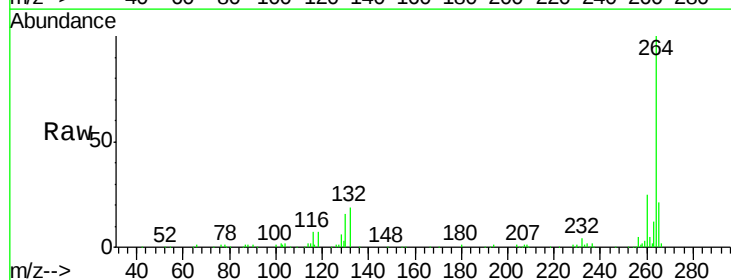


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF081115.D
 Acq: 20 Aug 2015 8:47

Tgt Ion: 264 Resp: 175143
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.5 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

