

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081114.D
 Acq On : 20 Aug 2015 8:16
 Operator : UM/IZ
 Sample : G3319-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS-2(0-12FTBGS)

Quant Time: Aug 20 11:26:37 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

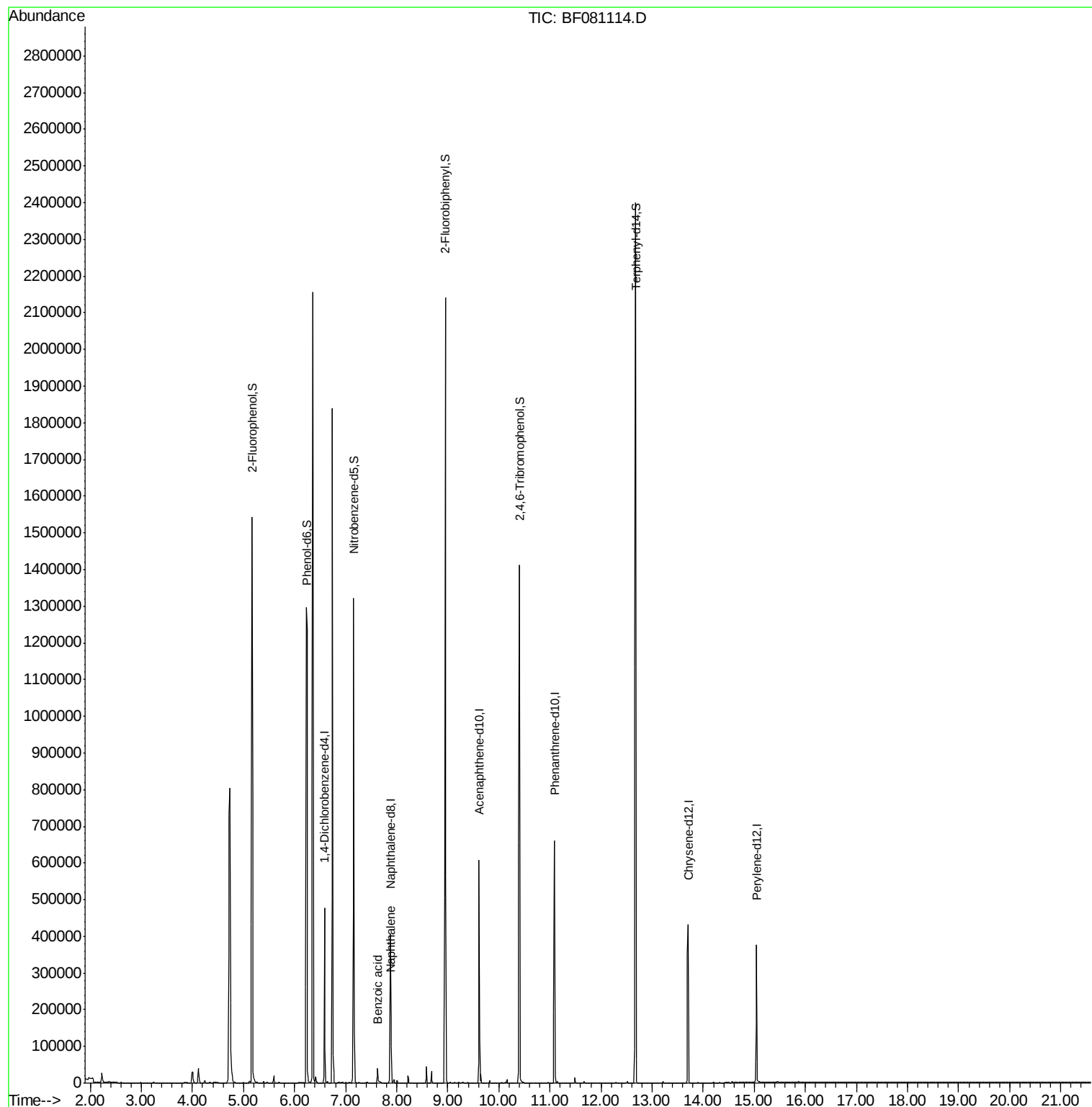
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	61918	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	242386	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	110970	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	244378	20.00	ng	0.00
75) Chrysene-d12	13.71	240	205228	20.00	ng	0.00
86) Perylene-d12	15.04	264	154165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	500197	121.51	ng	0.02
7) Phenol-d6	6.24	99	687651	128.03	ng	0.01
23) Nitrobenzene-d5	7.16	82	442313	83.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	138701	144.19	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	726010	85.72	ng	-0.01
78) Terphenyl-d14	12.68	244	785715	82.08	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.89	128	91129	6.74	ng	98
32) Benzoic acid	7.62	122	8564	3.73	ng	89

(#) = 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: BF081114.D

Acq: 20 Aug 2015 8:16

Instrument :

BNA_F

ClientSampleId :

NCB-015CS-2(0-12FTBGS)

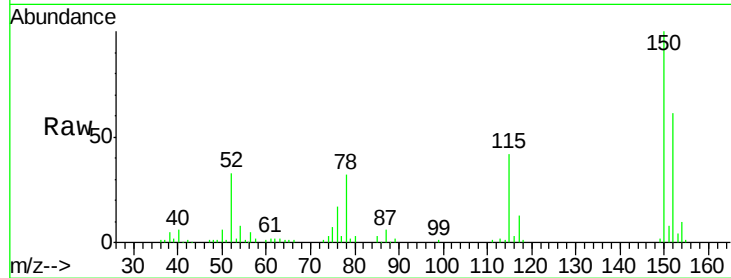
Tgt Ion:152 Resp: 61918

Ion Ratio Lower Upper

152 100

150 163.1 123.8 185.6

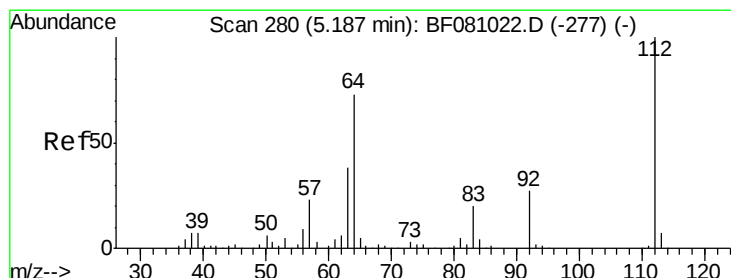
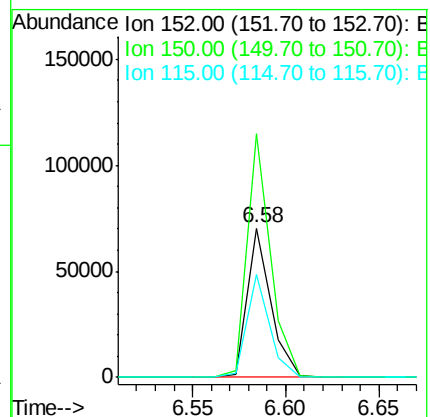
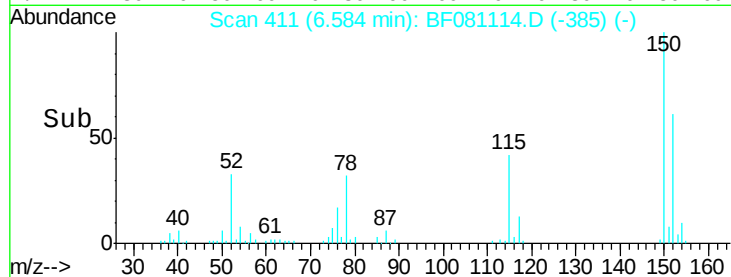
115 68.8 52.1 78.1



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: 121.51 ng

RT: 5.17 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF081114.D

Acq: 20 Aug 2015 8:16

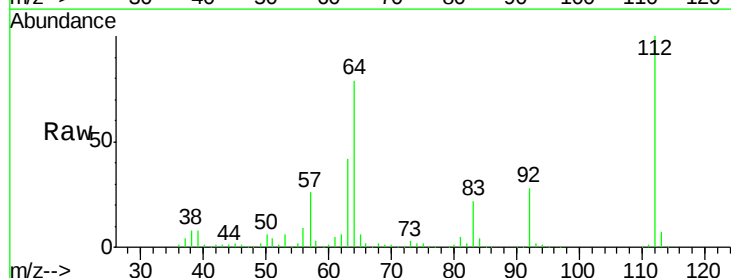
Tgt Ion:112 Resp: 500197

Ion Ratio Lower Upper

112 100

64 78.7 66.9 100.3

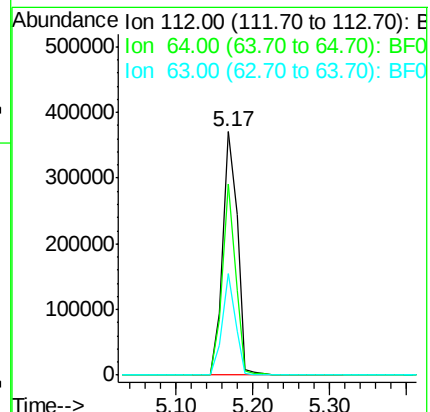
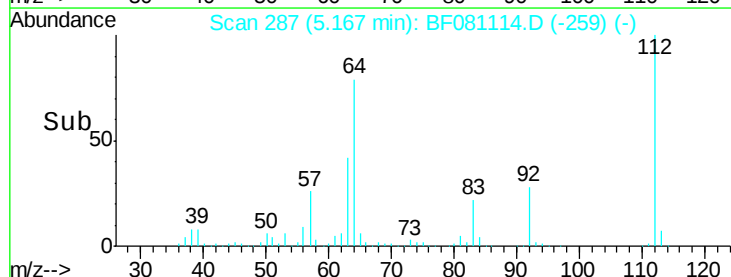
63 41.6 38.1 57.1



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: 128.03 ng

RT: 6.24 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF081114.D

Acq: 20 Aug 2015 8:16

Instrument :

BNA_F

ClientSampleId :

NCB-015CS-2(0-12FTBGS)

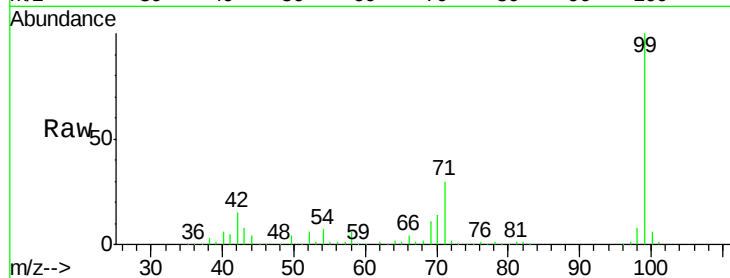
Tgt Ion: 99 Resp: 687651

Ion Ratio Lower Upper

99 100

42 15.3 19.6 29.4#

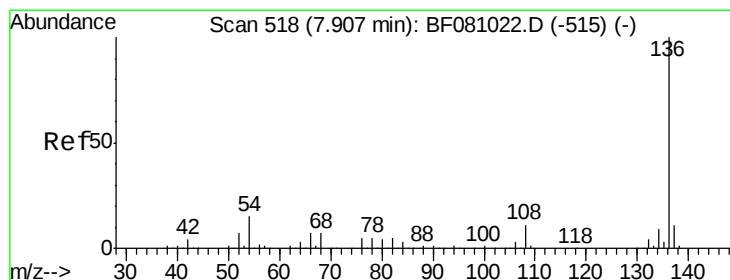
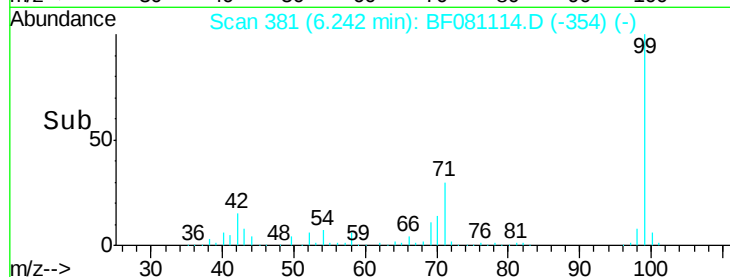
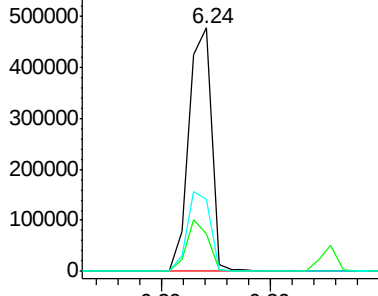
71 29.6 31.2 46.8#



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: BF081114.D

Acq: 20 Aug 2015 8:16

Tgt Ion: 136 Resp: 242386

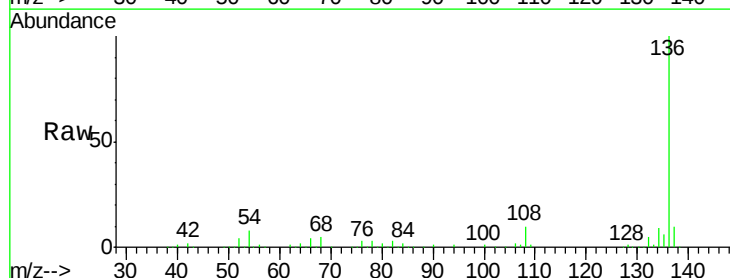
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.2

54 7.9 7.7 11.5

68 4.7 3.4 5.2

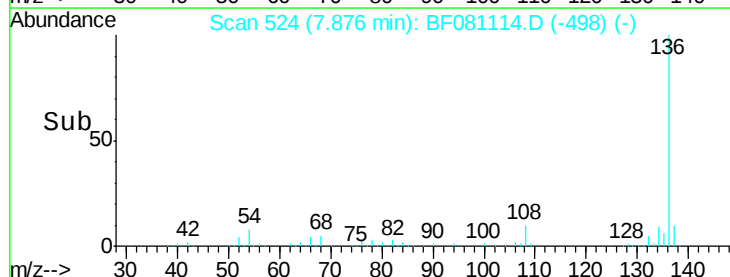
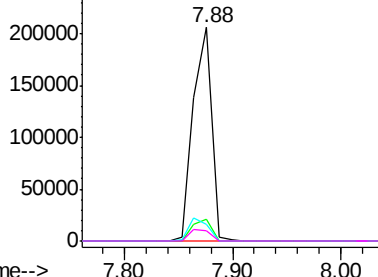


Abundance Ion 136.00 (135.70 to 136.70): E

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

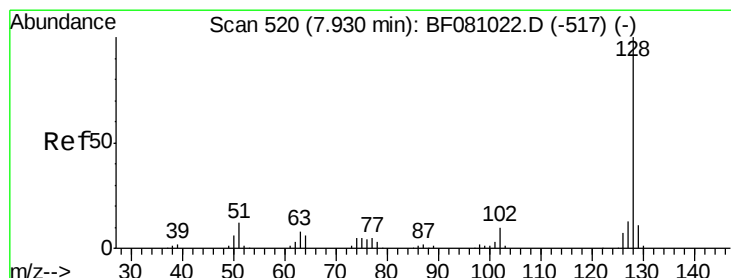
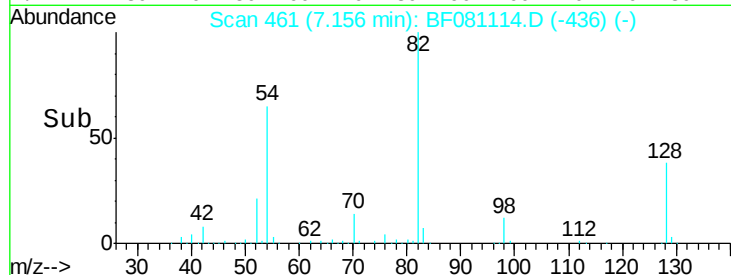
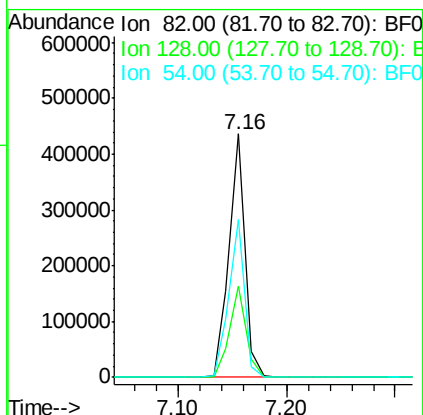
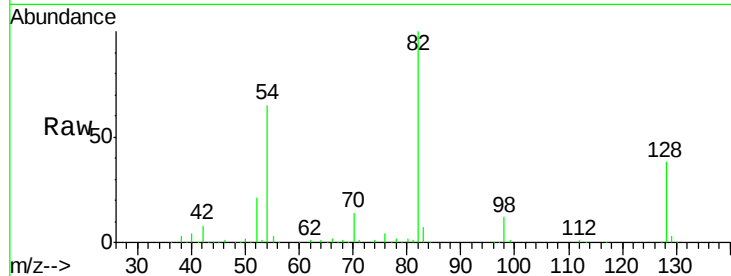




#23
 Nitrobenzene-d5
 Concen: 83.36 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF081114.D
 Acq: 20 Aug 2015 8:16

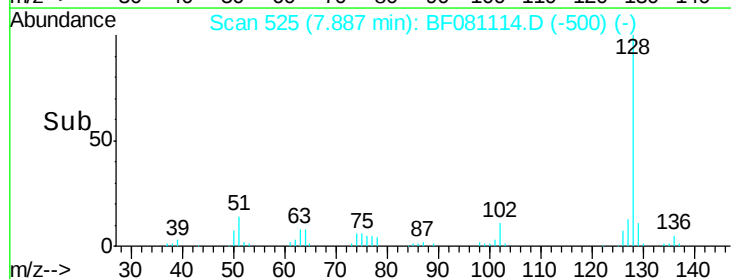
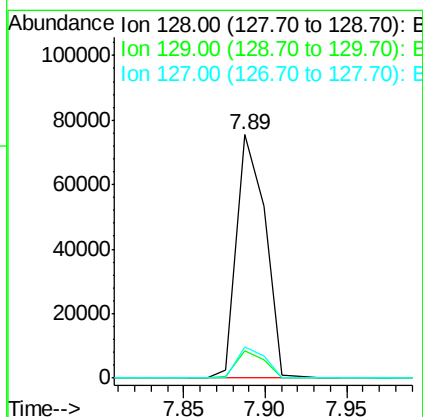
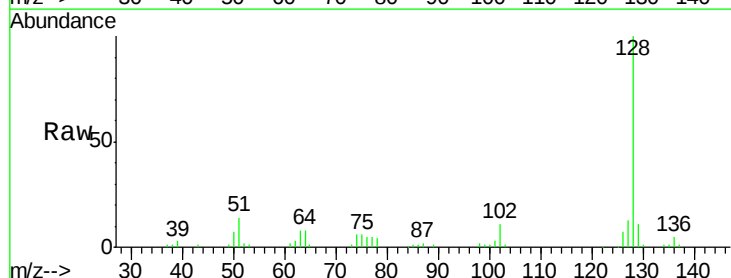
Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS-2(0-12FTBGS)

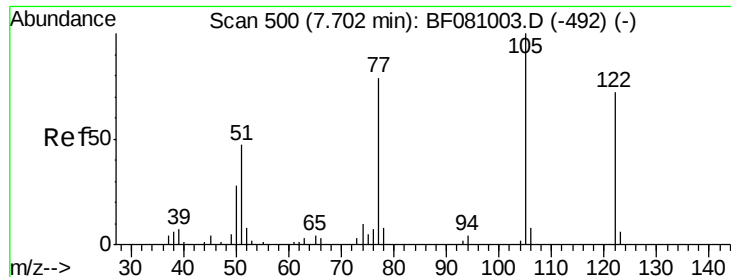
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	28.6	42.8
54	64.9	55.1	82.7



#31
 Naphthalene
 Concen: 6.74 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: BF081114.D
 Acq: 20 Aug 2015 8:16

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	12.7	10.6	16.0

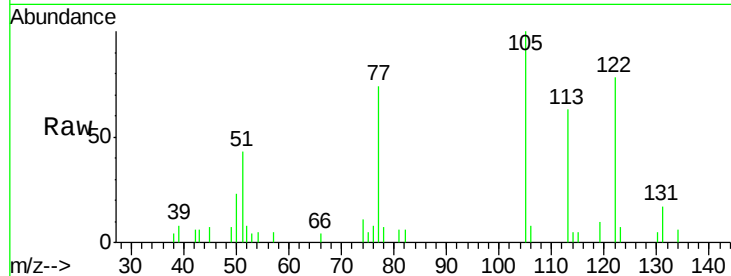




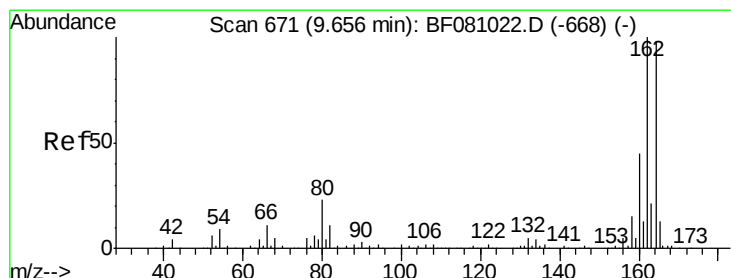
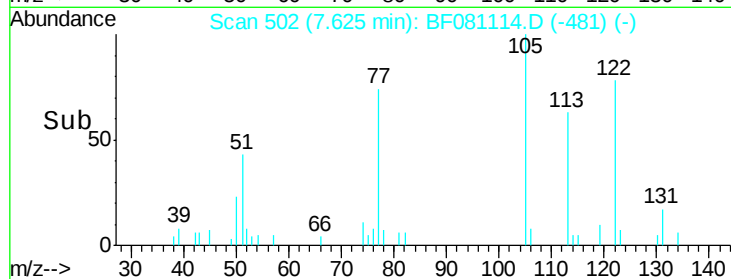
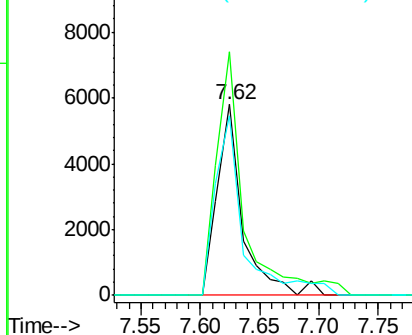
#32
Benzoic acid
Concen: 3.73 ng
RT: 7.62 min Scan# 502
Delta R.T. -0.06 min
Lab File: BF081114.D
Acq: 20 Aug 2015 8:16

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:122 Resp: 8564
Ion Ratio Lower Upper
122 100
105 127.4 113.8 153.8
77 94.2 93.8 133.8

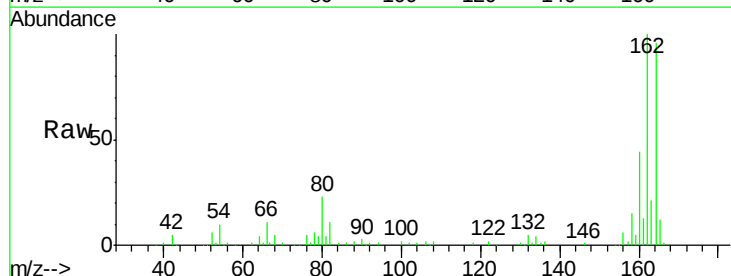


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

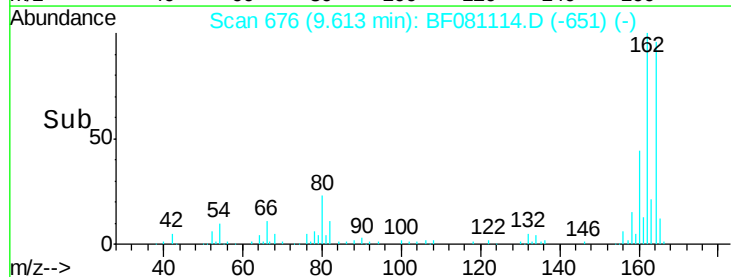
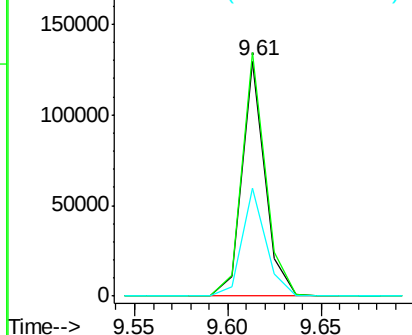


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081114.D
Acq: 20 Aug 2015 8:16

Tgt Ion:164 Resp: 110970
Ion Ratio Lower Upper
164 100
162 103.7 83.8 125.8
160 45.9 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

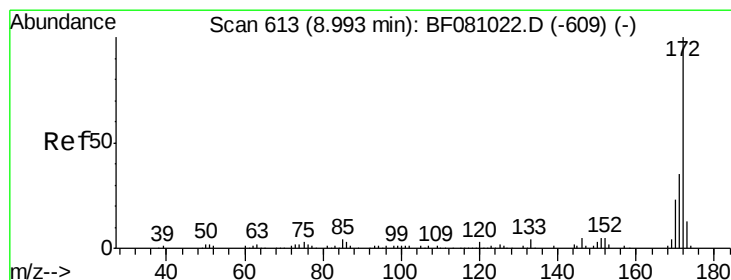
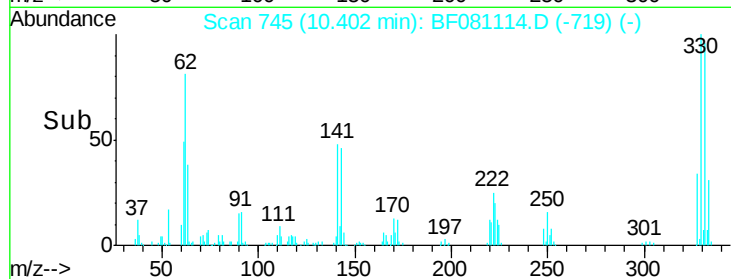
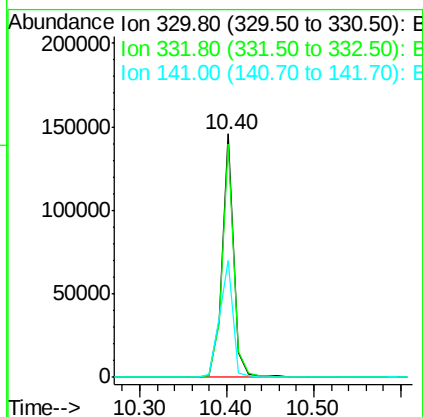
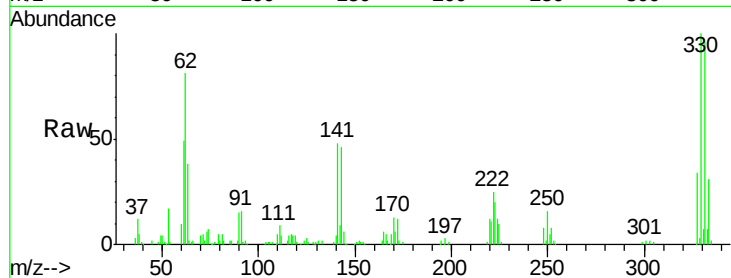




#41
 2,4,6-Tribromophenol
 Concen: 144.19 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF081114.D
 Acq: 20 Aug 2015 8:16

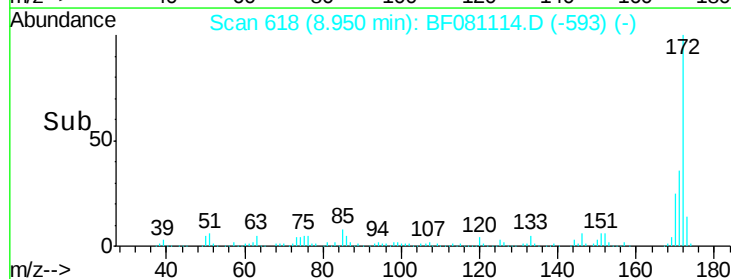
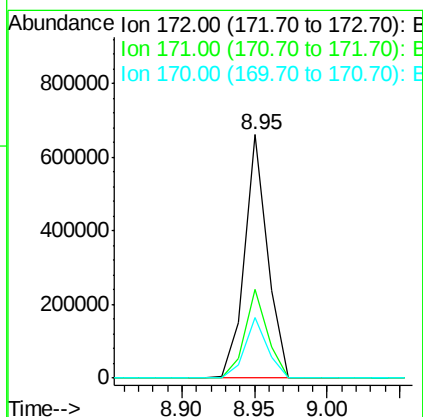
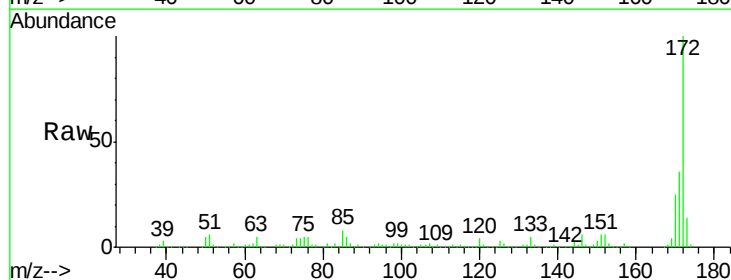
Instrument :
 BNA_F
 ClientSampleId :
 NCB-015CS-2(0-12FTBGS)

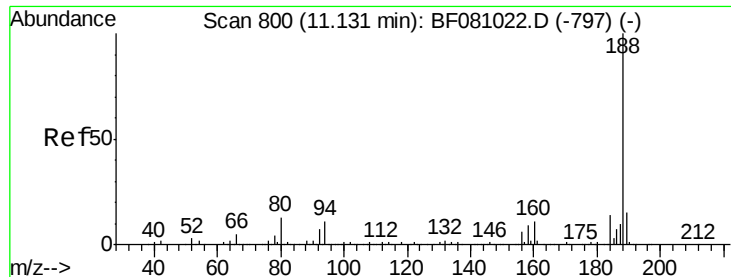
Tgt Ion:330 Resp: 138701
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 55.2 44.9 67.3



#44
 2-Fluorobiphenyl
 Concen: 85.72 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF081114.D
 Acq: 20 Aug 2015 8:16

Tgt Ion:172 Resp: 726010
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.6 19.4 29.2

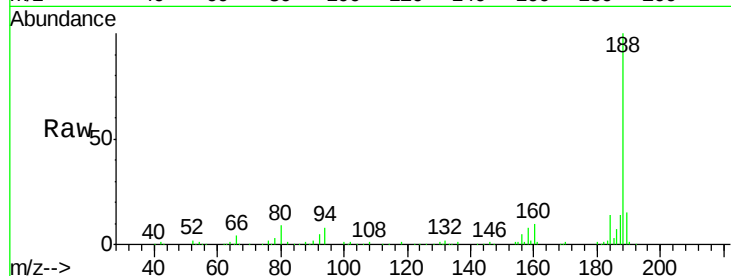




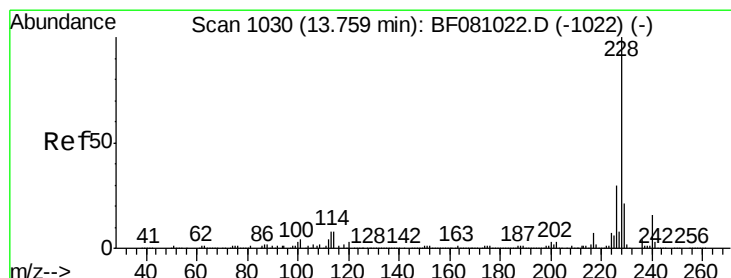
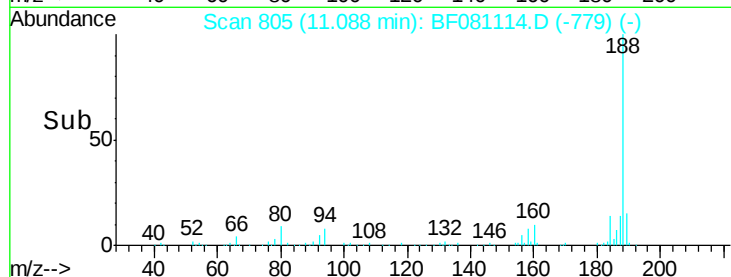
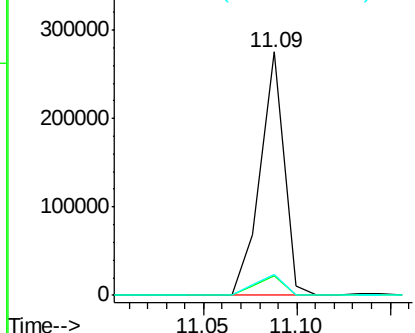
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF081114.D
Acq: 20 Aug 2015 8:16

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Tgt Ion:188 Resp: 244378
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 8.8 9.5 14.3#

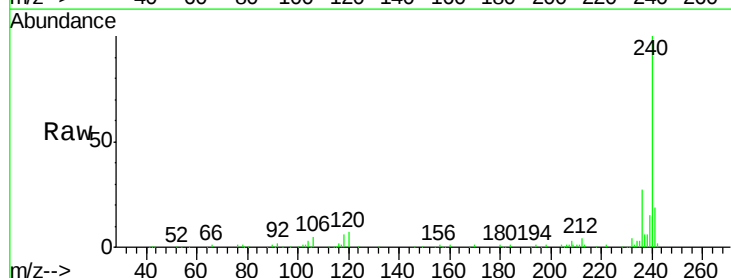


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

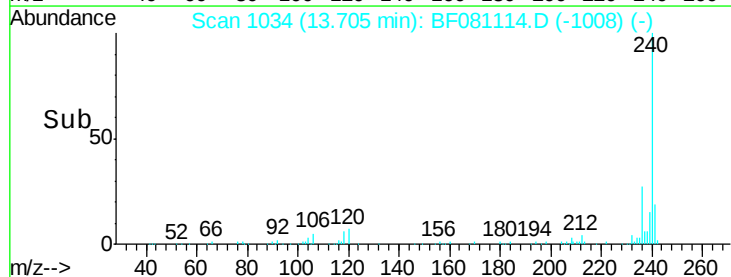
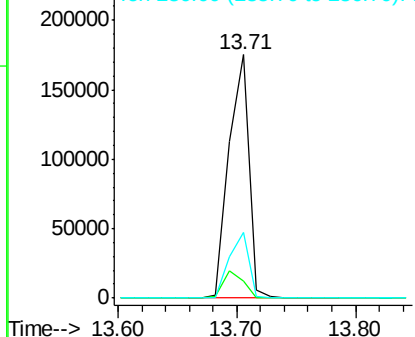


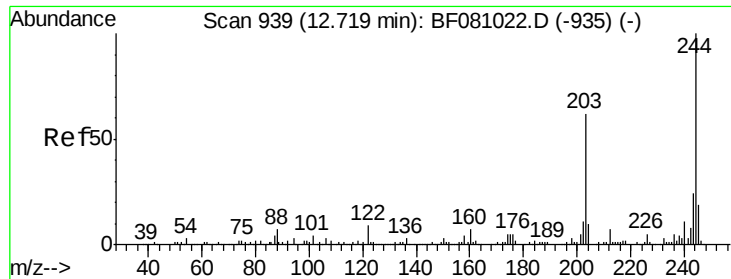
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF081114.D
Acq: 20 Aug 2015 8:16

Tgt Ion:240 Resp: 205228
Ion Ratio Lower Upper
240 100
120 7.2 5.6 8.4
236 26.8 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

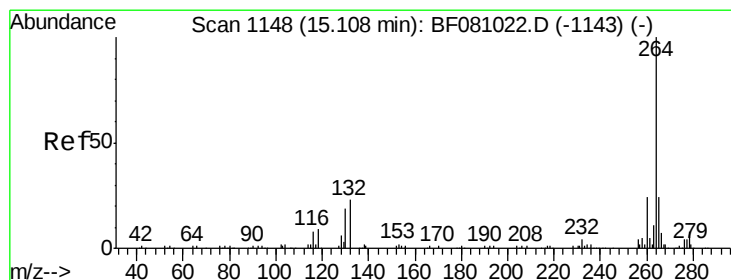
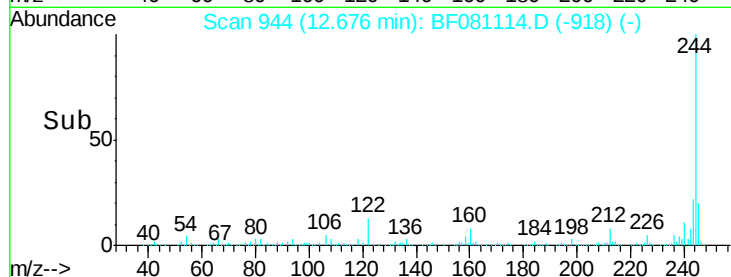
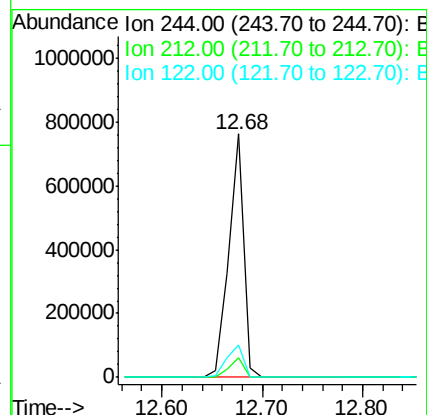
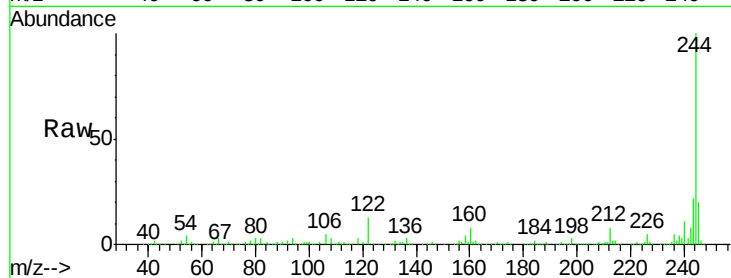




#78
 Terphenyl-d14
 Concen: 82.08 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF081114.D
 Acq: 20 Aug 2015 8:16

Instrument :
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 NCB-015CS-2(0-12FTBGS)

Tgt Ion: 244 Resp: 785715
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 13.3 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF081114.D
 Acq: 20 Aug 2015 8:16

Tgt Ion: 264 Resp: 154165
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.5 17.5 26.3

