

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081915\
 Data File : BF081120.D
 Acq On : 20 Aug 2015 11:22
 Operator : UM/IZ
 Sample : G3318-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-3(0-8FTBGS)

Quant Time: Aug 20 12:07:55 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

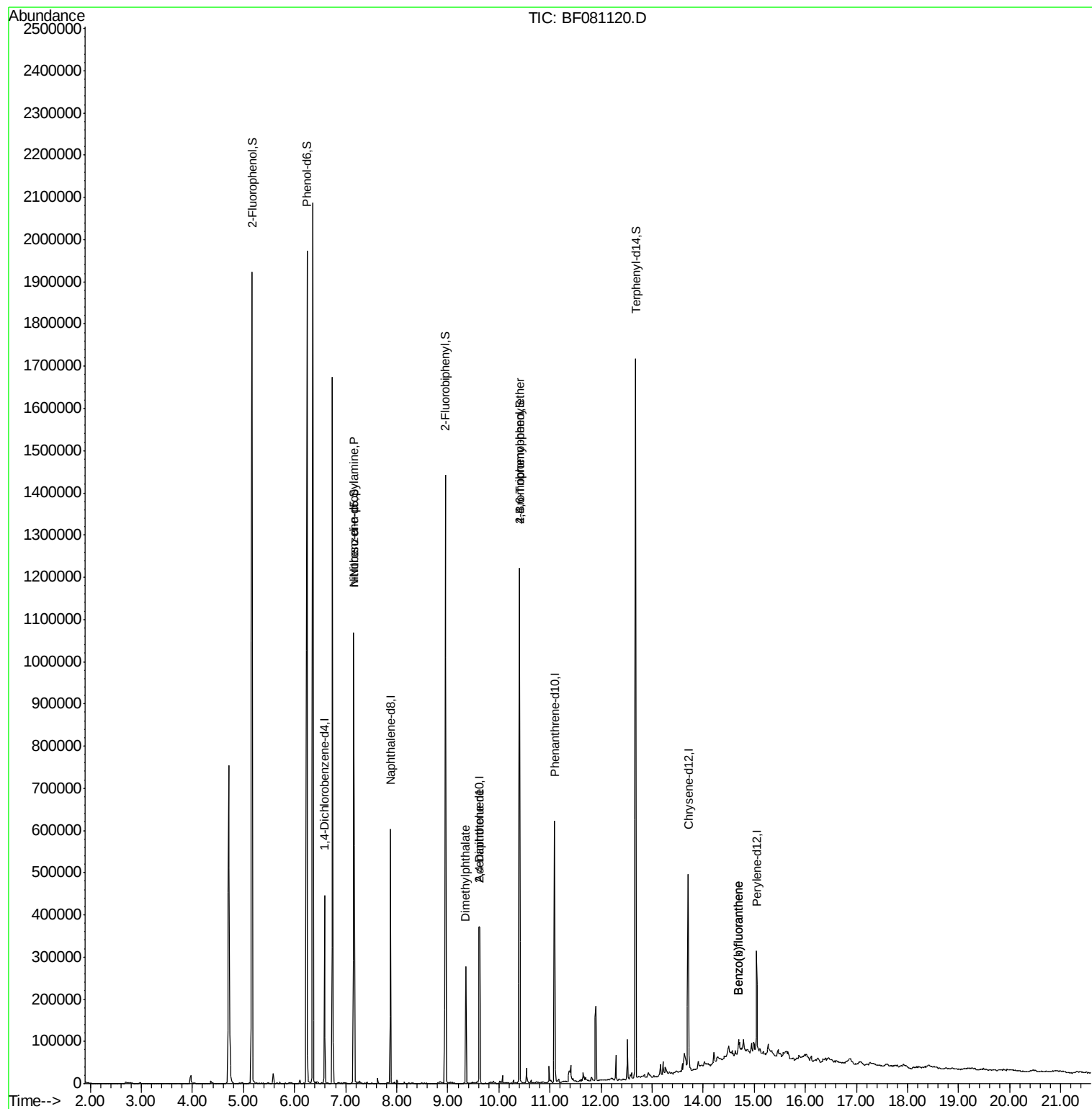
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	60496	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	251845	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	106075	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	204326	20.00	ng	0.00
75) Chrysene-d12	13.71	240	144883	20.00	ng	0.00
86) Perylene-d12	15.04	264	104912	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	534461	132.88	ng	0.02
7) Phenol-d6	6.24	99	713545	135.97	ng	0.01
23) Nitrobenzene-d5	7.16	82	441666	80.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	120139	130.66	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	608456	75.16	ng	-0.01
78) Terphenyl-d14	12.68	244	498666	73.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	57648	15.86	ng	# 73
49) Dimethylphthalate	9.35	163	91827	10.51	ng	100
56) 2,4-Dinitrotoluene	9.61	165	13771	5.54	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	8577	4.27	ng	# 1
87) Benzo(b)fluoranthene	14.69	252	17064	2.30	ng	# 85
88) Benzo(k)fluoranthene	14.69	252	17064	2.47	ng	# 88

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

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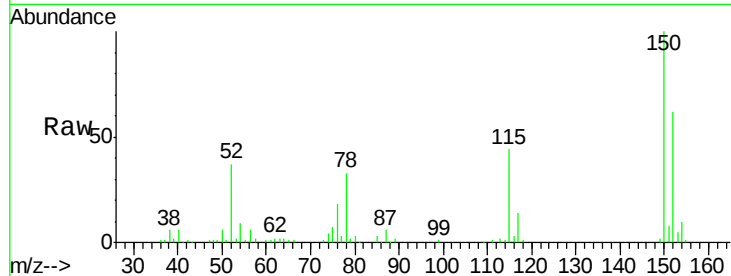




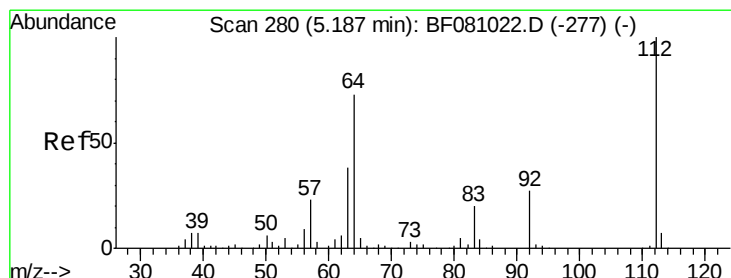
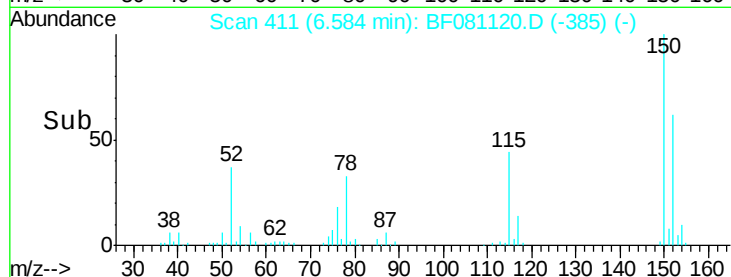
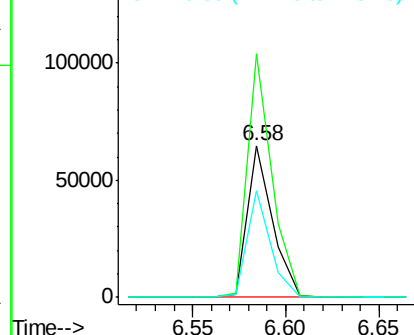
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF081120.D
 Acq: 20 Aug 2015 11:22

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-3(0-8FTBGS)

Tgt Ion:152 Resp: 60496
 Ion Ratio Lower Upper
 152 100
 150 160.7 123.8 185.6
 115 70.1 52.1 78.1

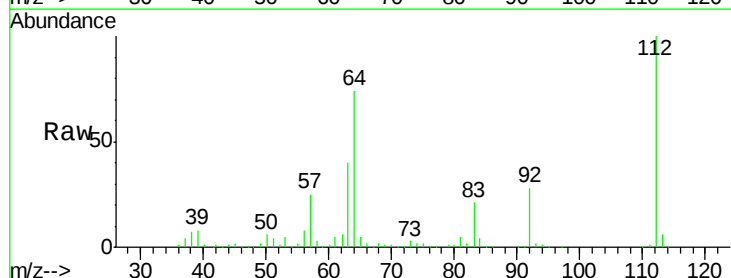


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

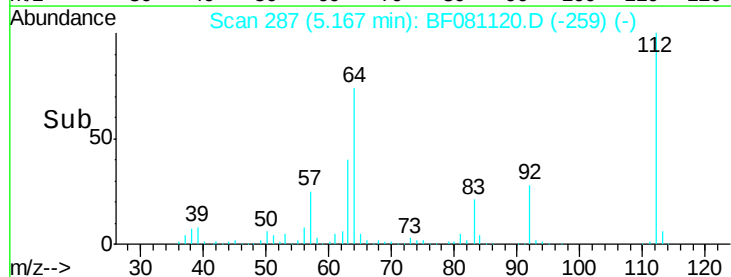
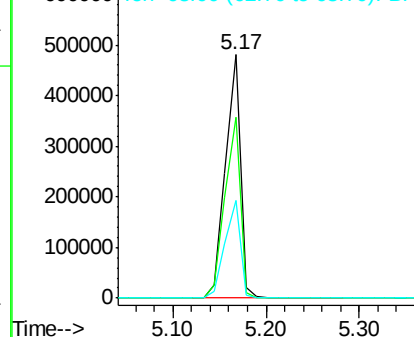


#5
 2-Fluorophenol
 Concen: 132.88 ng
 RT: 5.17 min Scan# 287
 Delta R.T. 0.02 min
 Lab File: BF081120.D
 Acq: 20 Aug 2015 11:22

Tgt Ion:112 Resp: 534461
 Ion Ratio Lower Upper
 112 100
 64 74.3 66.9 100.3
 63 40.0 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: 135.97 ng

RT: 6.24 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF081120.D

Acq: 20 Aug 2015 11:22

Instrument :

BNA_F

ClientSampleId :

NCB-083-CS-3(0-8FTBGS)

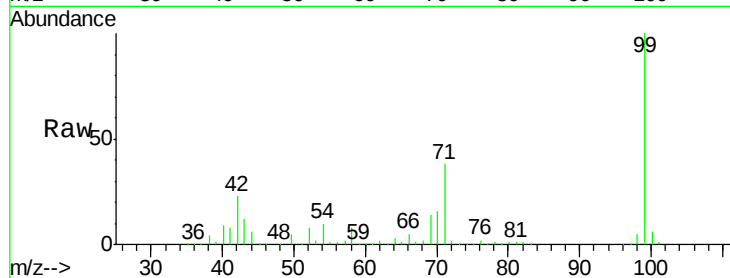
Tgt Ion: 99 Resp: 713545

Ion Ratio Lower Upper

99 100

42 23.4 19.6 29.4

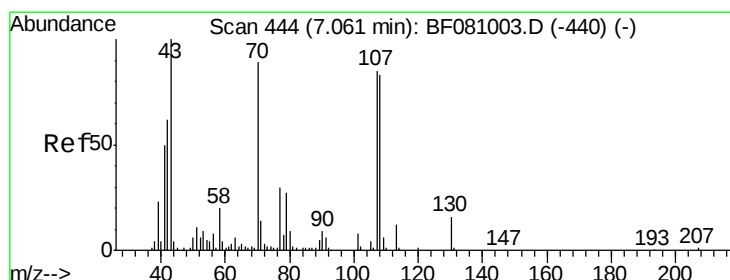
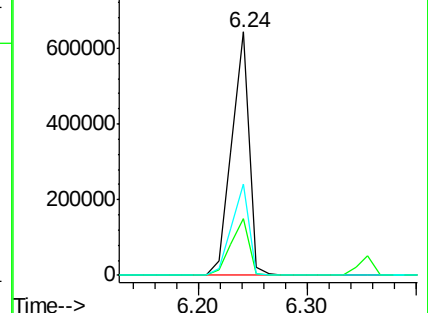
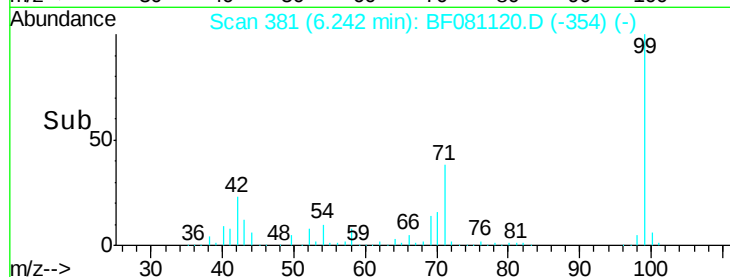
71 37.6 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.86 ng

RT: 7.16 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF081120.D

Acq: 20 Aug 2015 11:22

Tgt Ion: 70 Resp: 57648

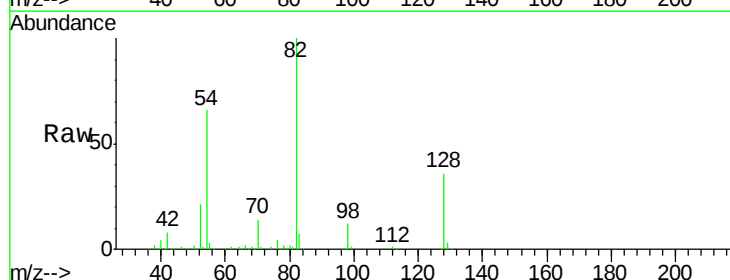
Ion Ratio Lower Upper

70 100

42 58.0 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#

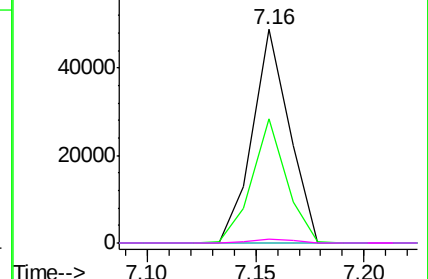
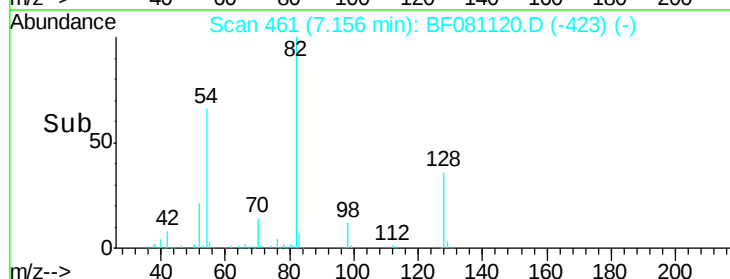


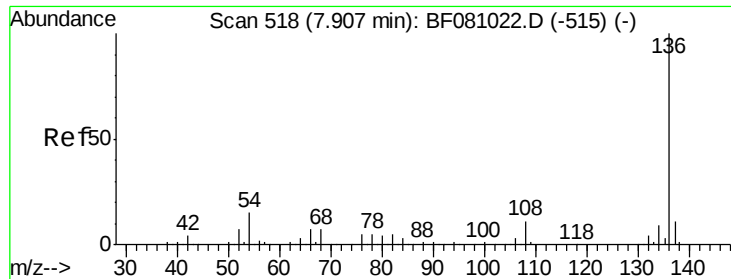
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

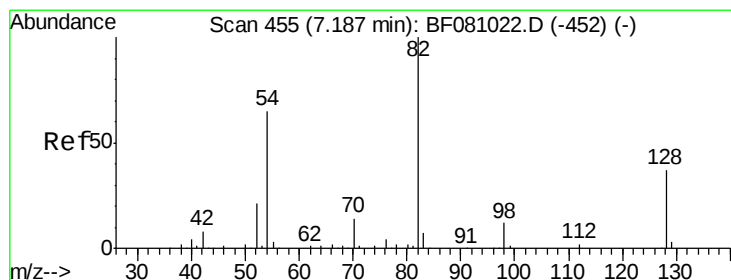
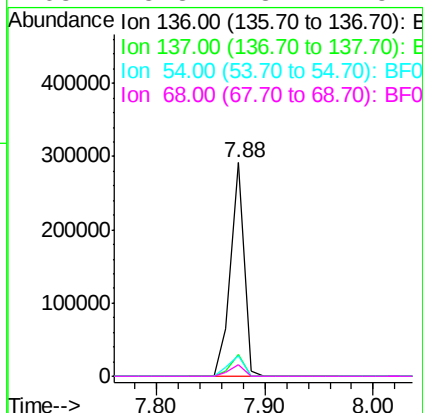
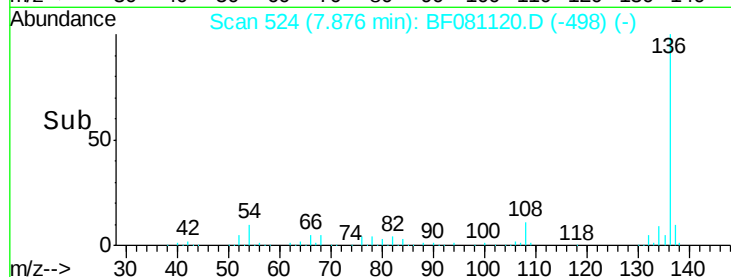
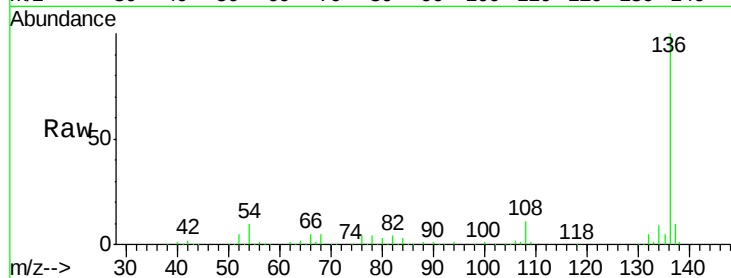




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF081120.D
Acq: 20 Aug 2015 11:22

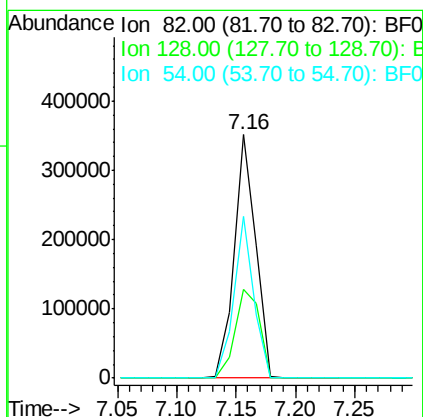
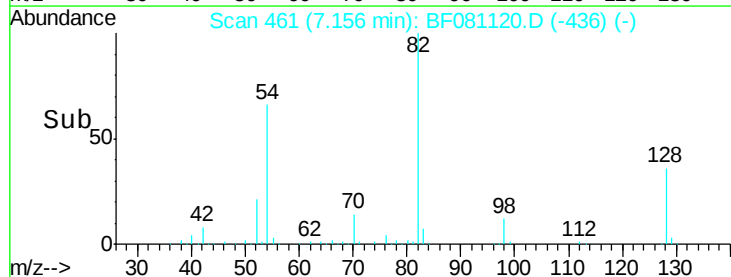
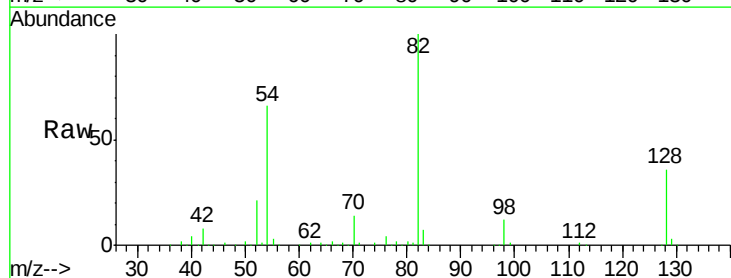
Instrument :
BNA_F
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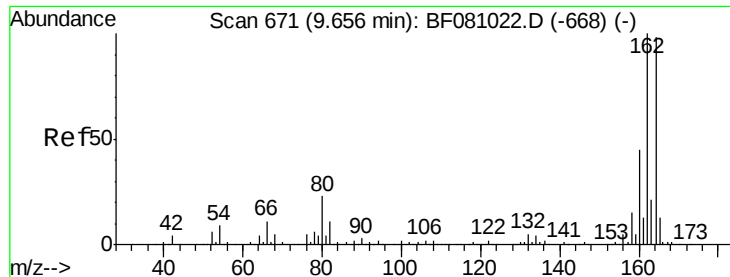
Tgt Ion:	136	Resp:	251845
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.2	12.2
54	9.9	7.7	11.5
68	5.3	3.4	5.2



#23
Nitrobenzene-d5
Concen: 80.11 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF081120.D
Acq: 20 Aug 2015 11:22

Tgt Ion:	82	Resp:	441666
Ion Ratio	Lower	Upper	
82	100		
128	36.3	28.6	42.8
54	66.3	55.1	82.7

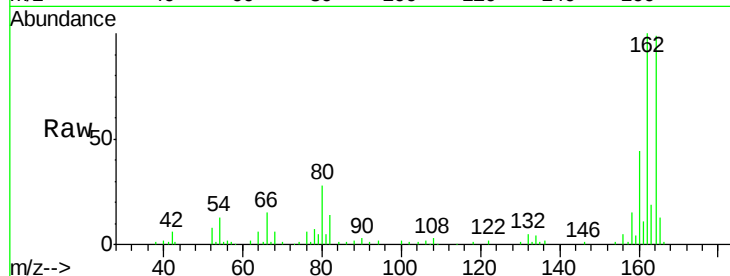




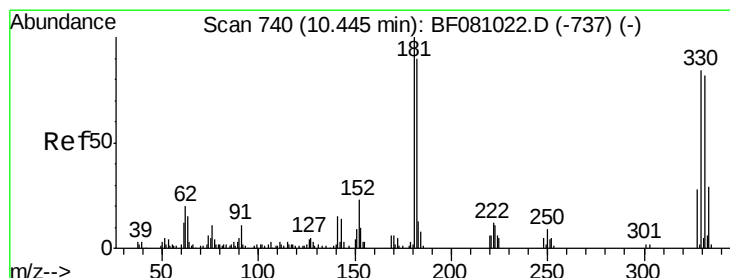
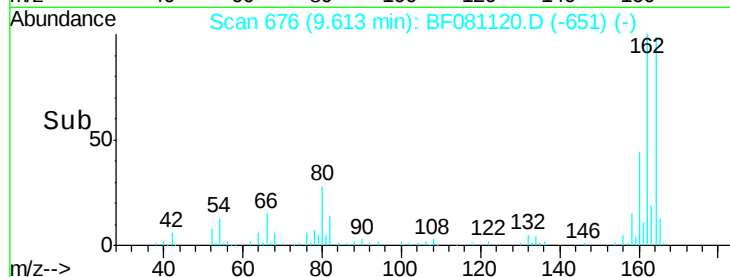
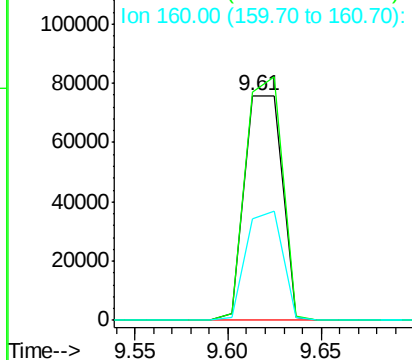
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081120.D
Acq: 20 Aug 2015 11:22

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-3(0-8FTBGS)

Tgt Ion:164 Resp: 106075
Ion Ratio Lower Upper
164 100
162 101.5 83.8 125.8
160 44.9 39.8 59.8

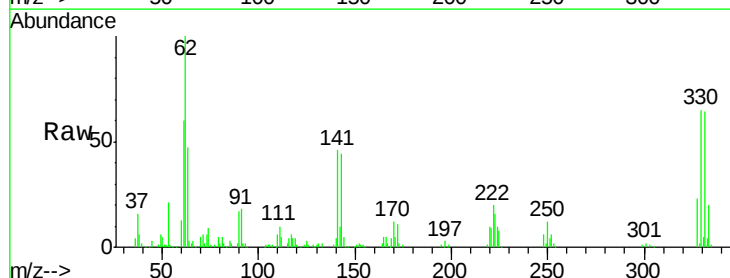


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

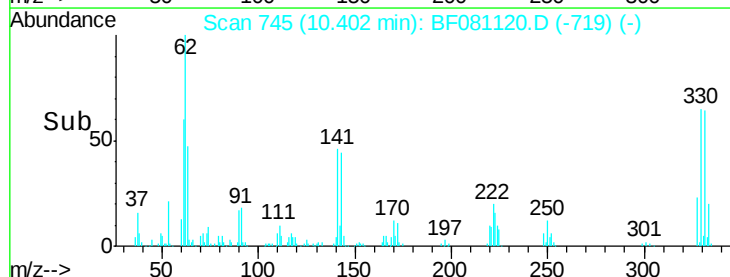
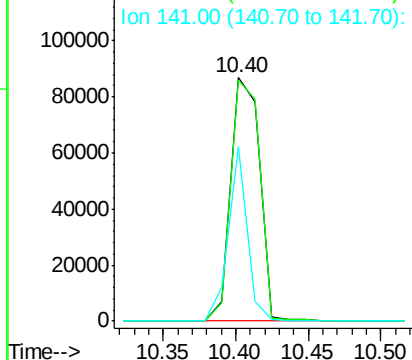


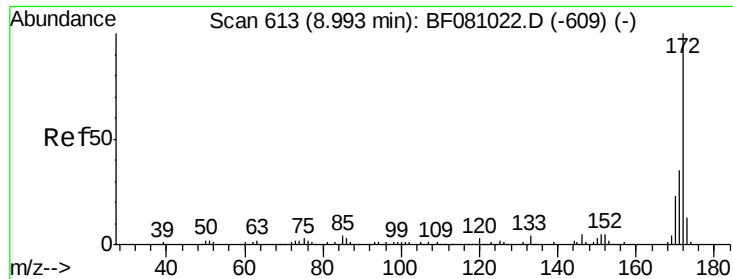
#41
2,4,6-Tribromophenol
Concen: 130.66 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF081120.D
Acq: 20 Aug 2015 11:22

Tgt Ion:330 Resp: 120139
Ion Ratio Lower Upper
330 100
332 99.4 77.3 115.9
141 46.9 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

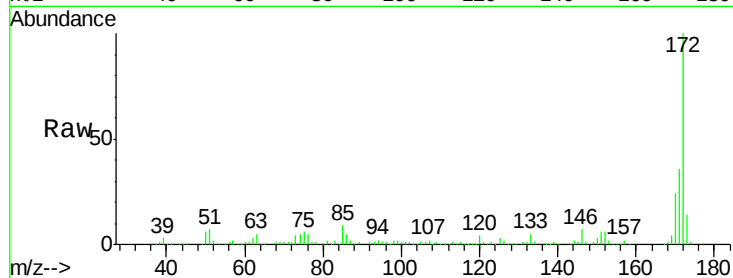




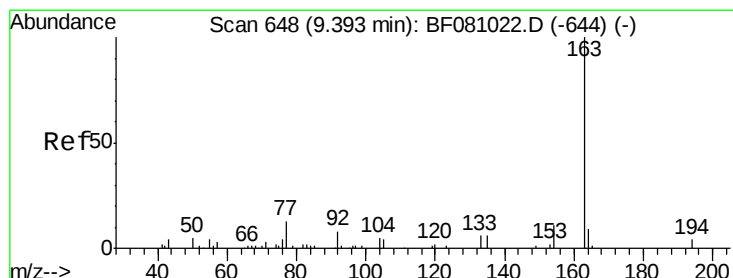
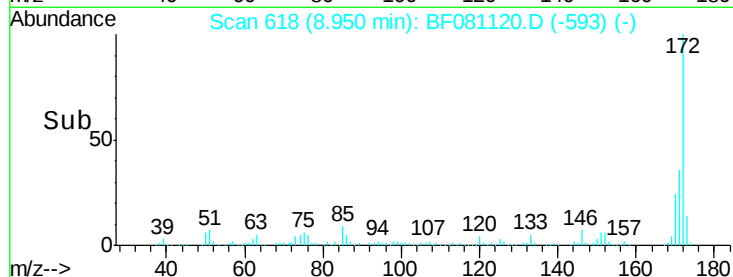
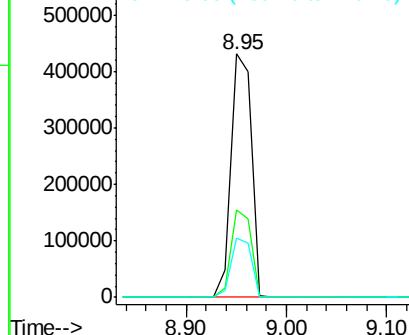
#44
2-Fluorobiphenyl
Concen: 75.16 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF081120.D
Acq: 20 Aug 2015 11:22

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-3(0-8FTBGS)

Tgt Ion:172 Resp: 608456
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 24.4 19.4 29.2

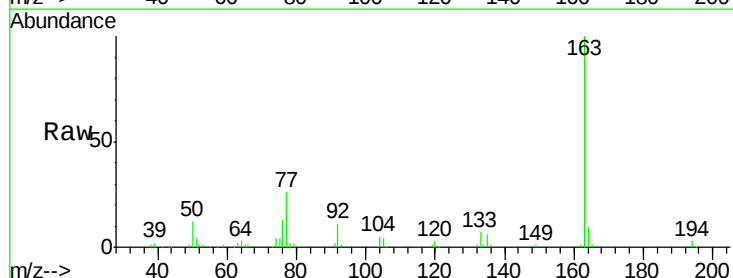


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

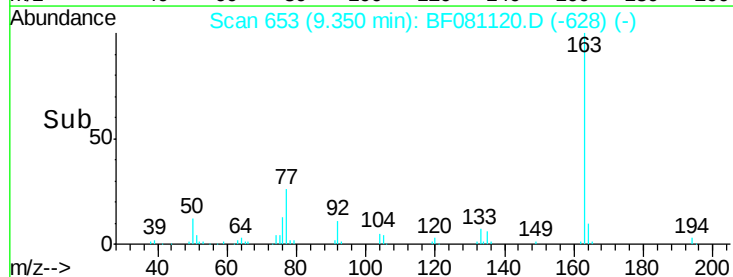
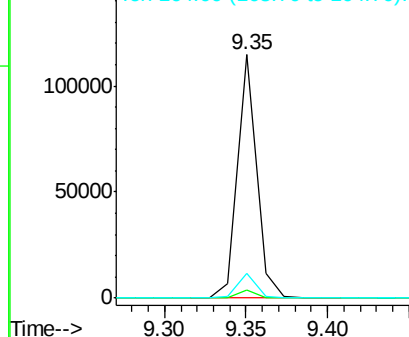


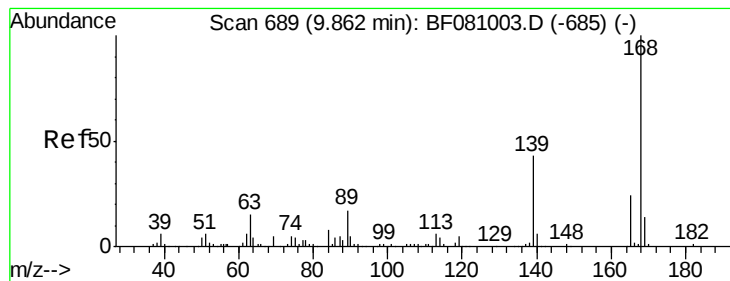
#49
Dimethylphthalate
Concen: 10.51 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081120.D
Acq: 20 Aug 2015 11:22

Tgt Ion:163 Resp: 91827
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

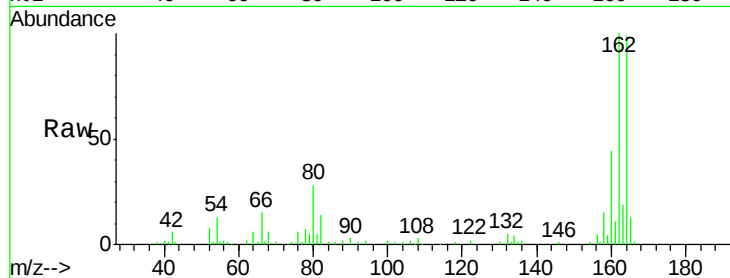




#56
 2,4-Dinitrotoluene
 Concen: 5.54 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.21 min
 Lab File: BF081120.D
 Acq: 20 Aug 2015 11:22

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-3(0-8FTBGS)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

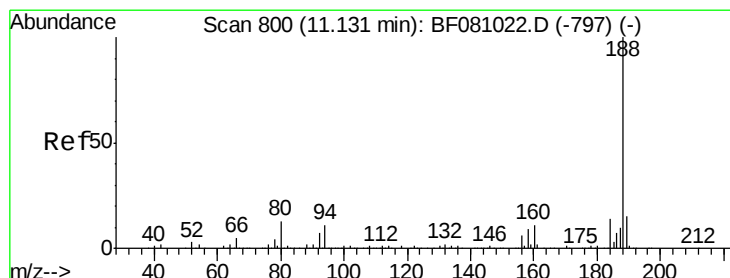
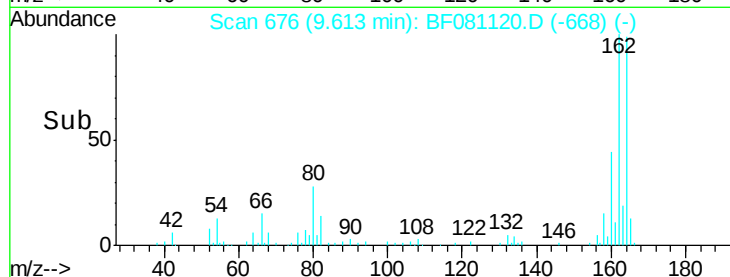
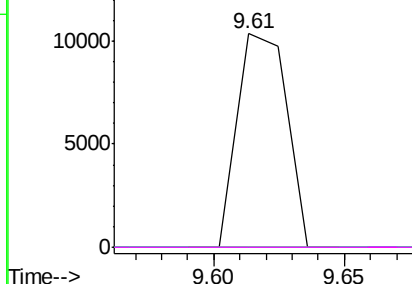


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

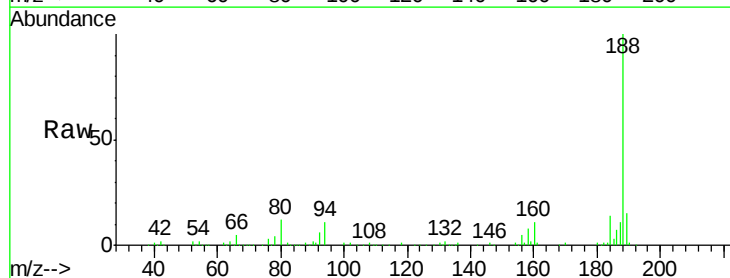
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF081120.D
 Acq: 20 Aug 2015 11:22

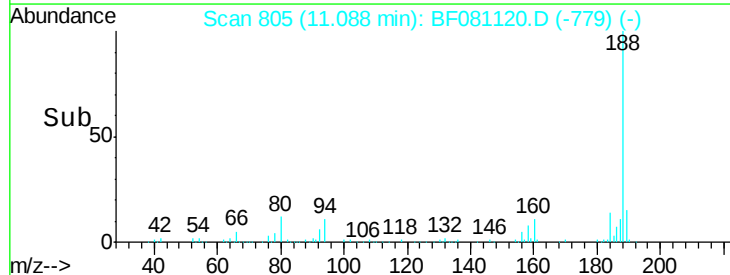
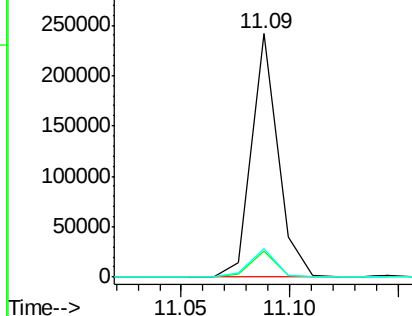
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	11.8	9.5	14.3

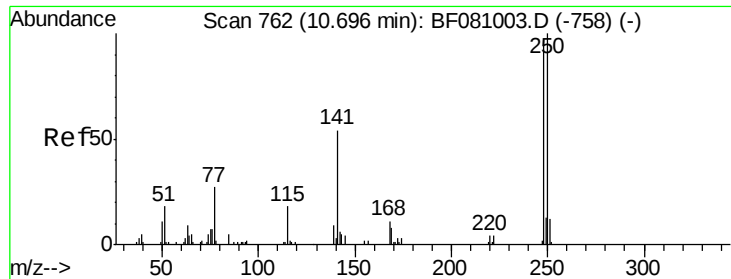


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.27 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.25 min

Lab File: BF081120.D

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NCB-083-CS-3(0-8FTBGS)

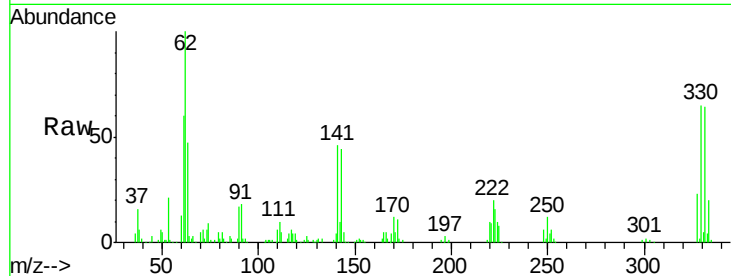
Tgt Ion:248 Resp: 8577

Ion Ratio Lower Upper

248 100

250 195.1 77.8 116.6#

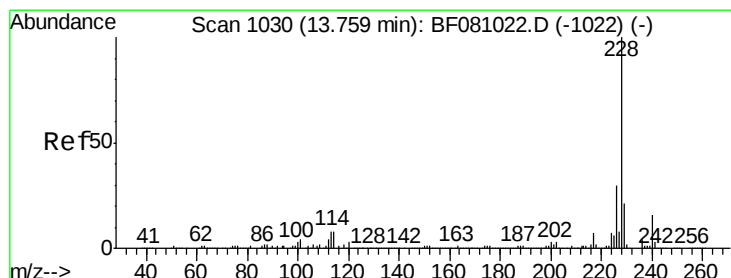
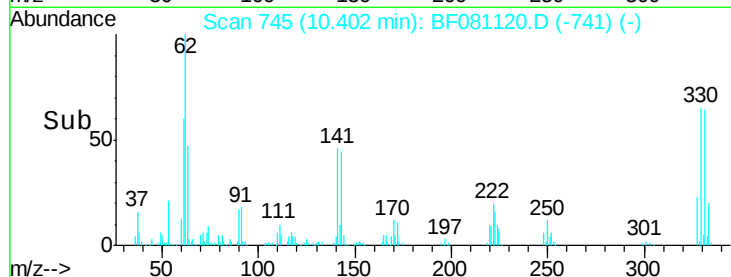
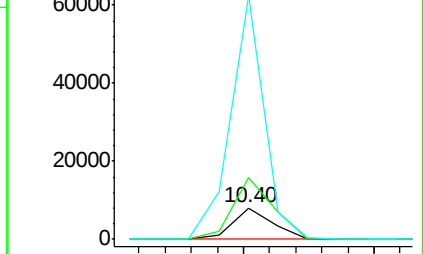
141 767.7 39.8 59.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF081120.D

Acq: 20 Aug 2015 11:22

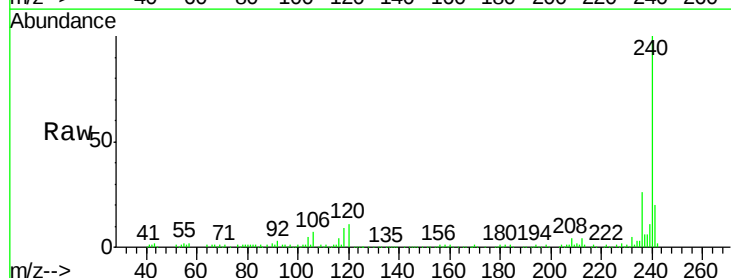
Tgt Ion:240 Resp: 144883

Ion Ratio Lower Upper

240 100

120 11.1 5.6 8.4#

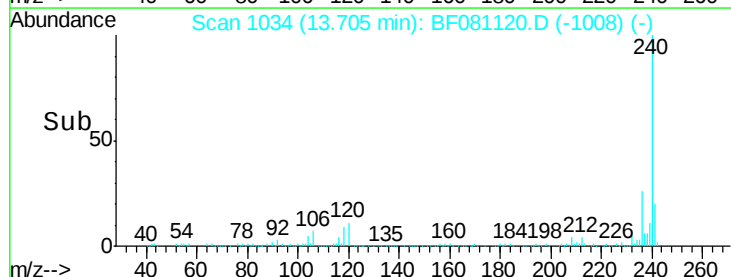
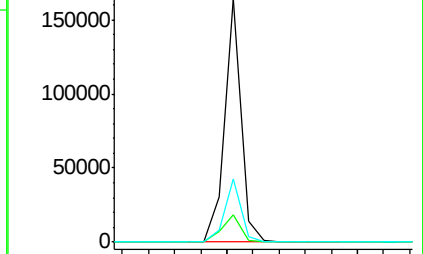
236 26.2 20.6 30.8

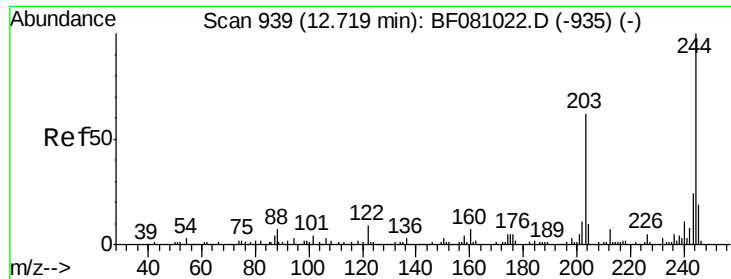


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

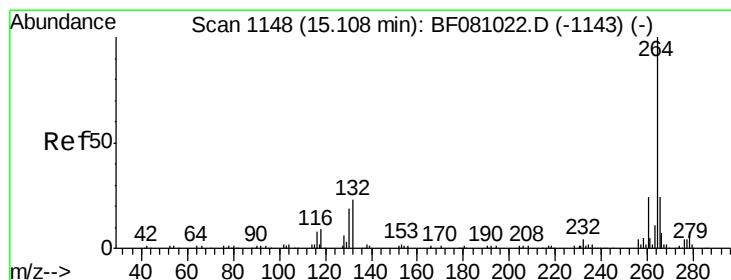
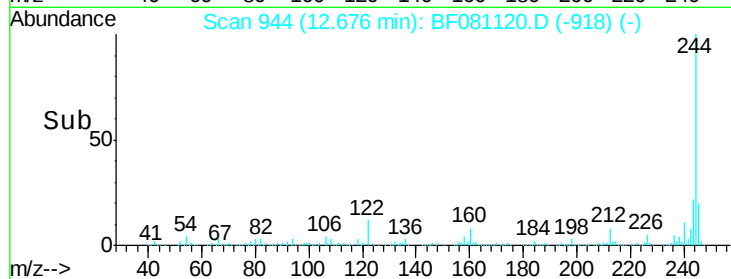
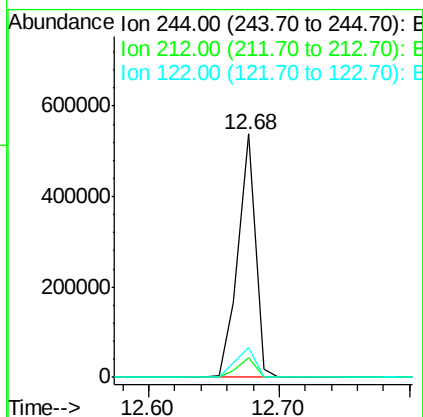
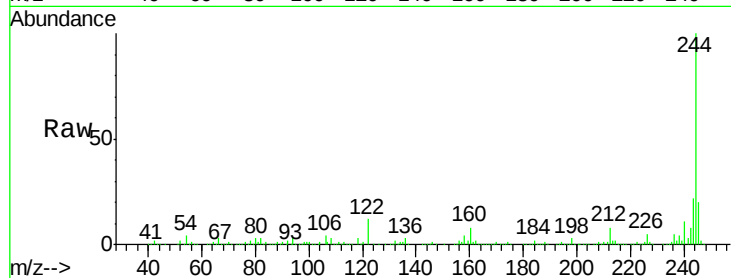




#78
 Terphenyl-d14
 Concen: 73.79 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF081120.D
 Acq: 20 Aug 2015 11:22

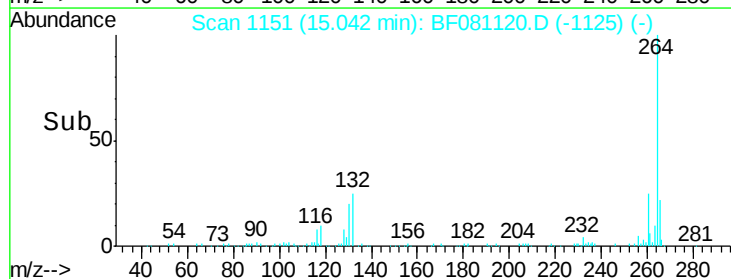
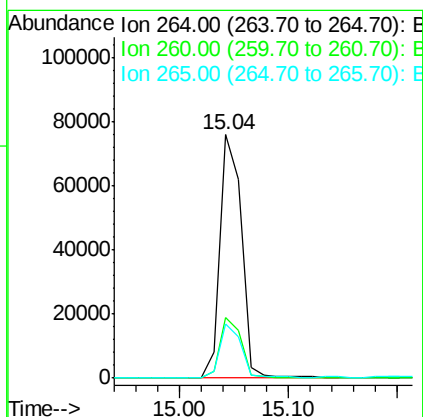
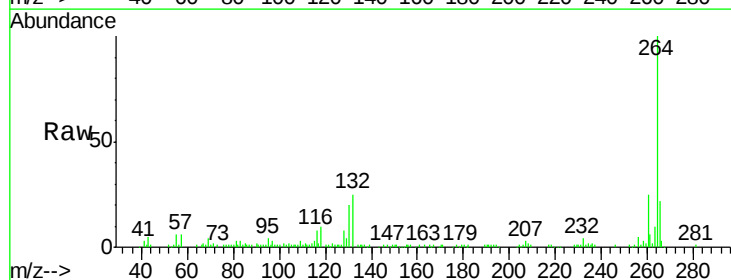
Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-3(0-8FTBGS)

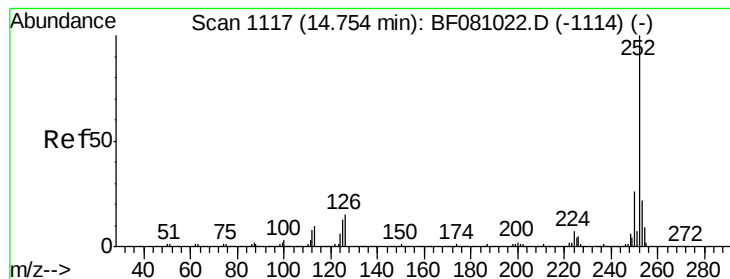
Tgt Ion: 244 Resp: 498666
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 12.5 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF081120.D
 Acq: 20 Aug 2015 11:22

Tgt Ion: 264 Resp: 104912
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 22.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 2.30 ng

RT: 14.69 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BF081120.D

Acq: 20 Aug 2015 11:22

Instrument :

BNA_F

ClientSampleId :

NCB-083-CS-3(0-8FTBGS)

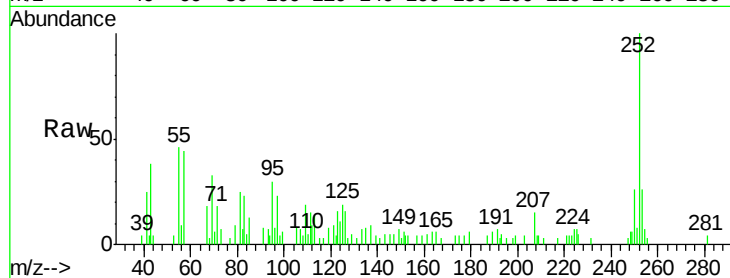
Tgt Ion:252 Resp: 17064

Ion Ratio Lower Upper

252 100

253 26.4 17.1 25.7#

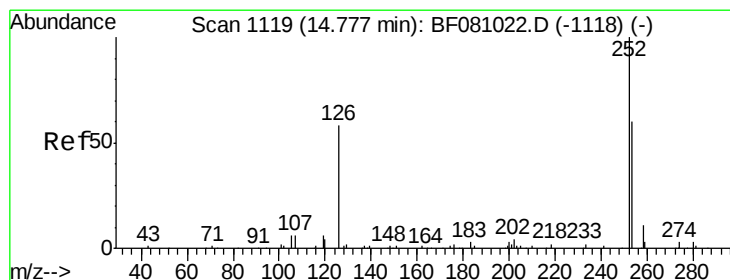
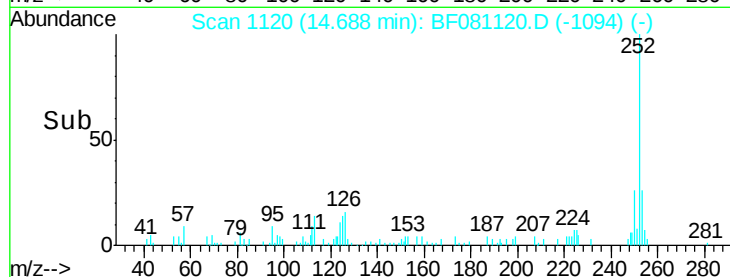
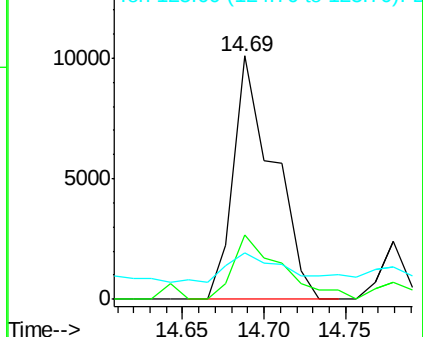
125 19.1 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.47 ng

RT: 14.69 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BF081120.D

Acq: 20 Aug 2015 11:22

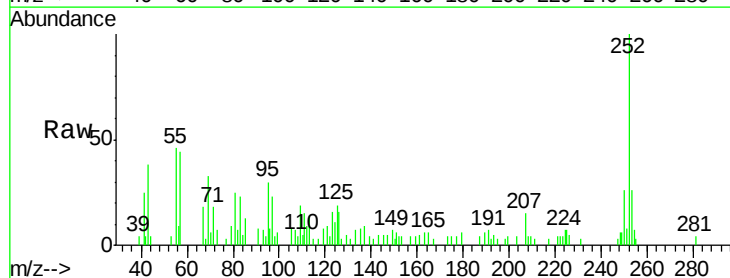
Tgt Ion:252 Resp: 17064

Ion Ratio Lower Upper

252 100

253 26.4 17.6 26.4

125 19.1 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

