

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040116\
 Data File : BF085961.D
 Acq On : 1 Apr 2016 14:15
 Operator : UM/SJ
 Sample : H1978-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-2(0-7FTBGS)

Quant Time: Apr 01 15:26:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106822	20.00	ng	-0.03
21) Naphthalene-d8	8.05	136	410709	20.00	ng	-0.04
38) Acenaphthene-d10	9.81	164	187676	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	382884	20.00	ng	-0.04
75) Chrysene-d12	13.93	240	352626	20.00	ng	-0.04
86) Perylene-d12	15.33	264	297276	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	735059	114.60	ng	-0.02
7) Phenol-d6	6.42	99	937034	114.90	ng	-0.03
23) Nitrobenzene-d5	7.34	82	663658	91.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	288592	161.85	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1167277	103.91	ng	-0.03
78) Terphenyl-d14	12.88	244	1101979	64.27	ng	-0.03

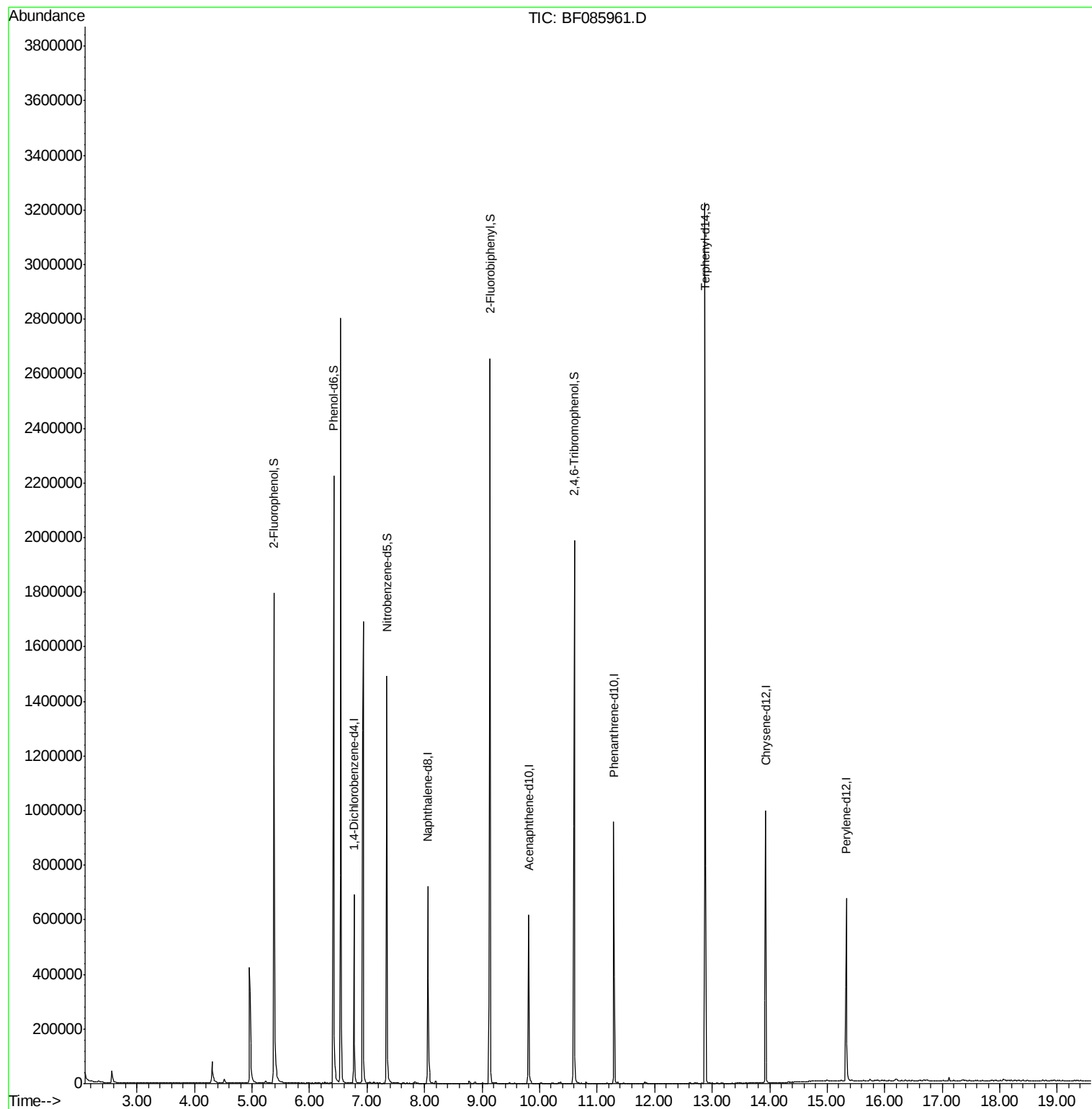
Target Compounds Qvalue

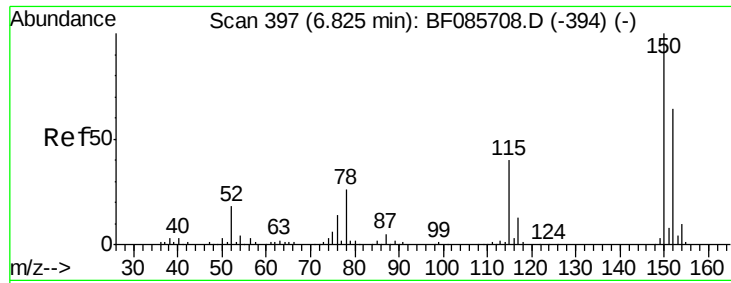
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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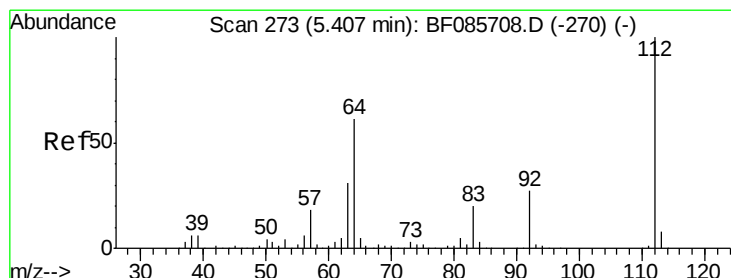
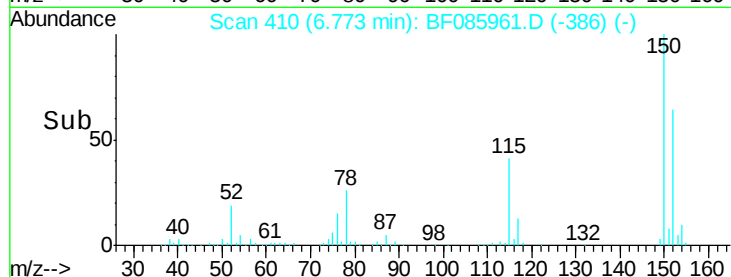
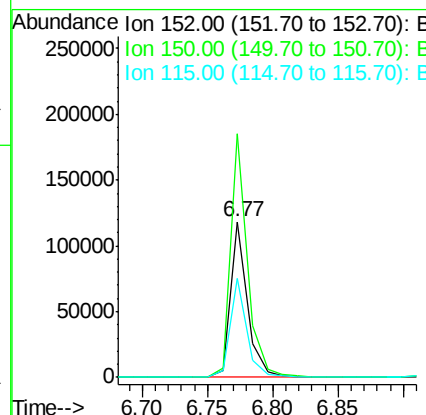
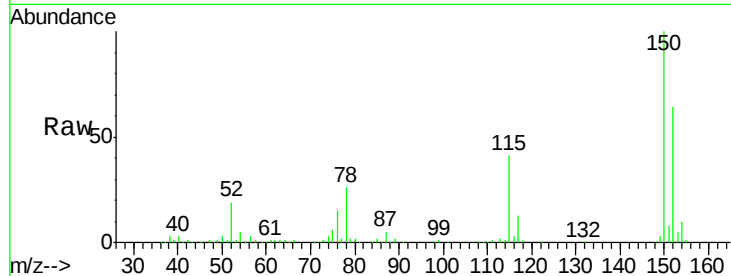


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.03 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-2(0-7FTBGS)

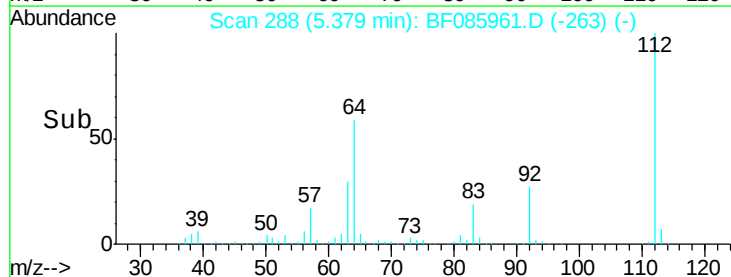
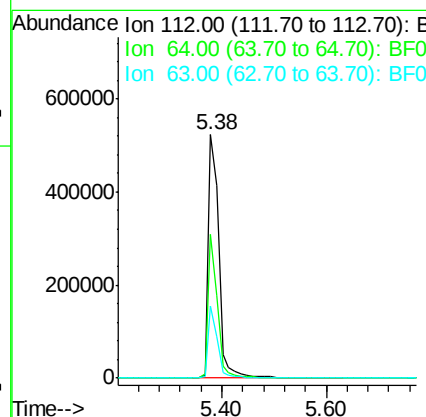
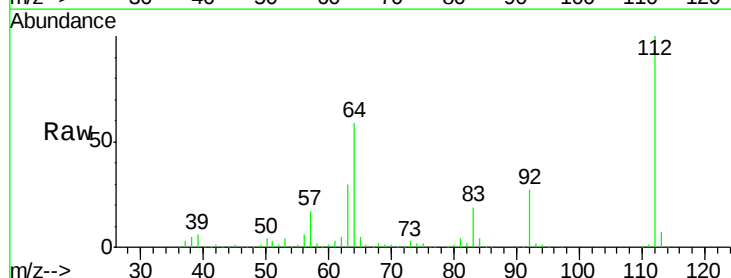
Tot Ion:152 Resp: 106822
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.2 186.2
 115 63.2 47.0 70.6



#5

2-Fluorophenol
 Concen: 114.60 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.02 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Tgt Ion:112 Resp: 735059
 Ion Ratio Lower Upper
 112 100
 64 58.8 39.9 59.9
 63 29.9 20.2 30.2





#7

Phenol-d6

Concen: 114.90 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF085961.D

Acq: 1 Apr 2016 14:15

Instrument :

BNA_F

ClientSampleId :

NCB-083-CS-2(0-7FTBGS)

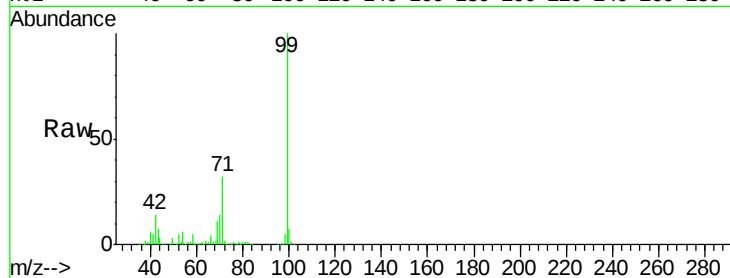
Tot Ion: 99 Resp: 937034

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

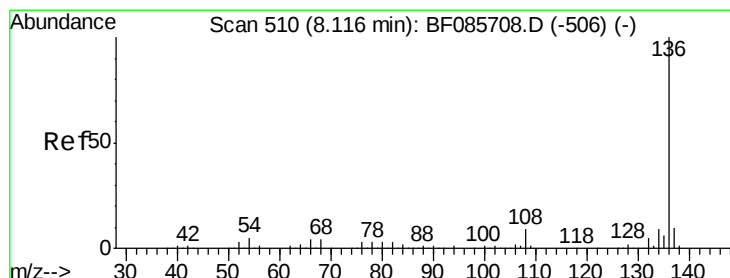
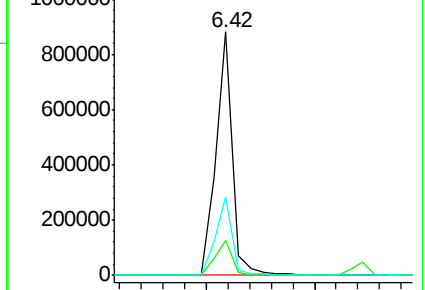
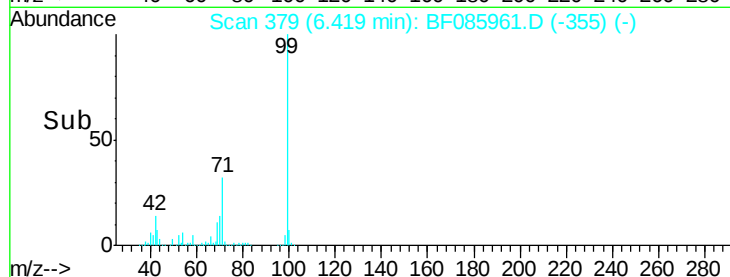
71 32.1 24.9 37.3



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: 8.05 min Scan# 522

Delta R.T. -0.04 min

Lab File: BF085961.D

Acq: 1 Apr 2016 14:15

Tgt Ion: 136 Resp: 410709

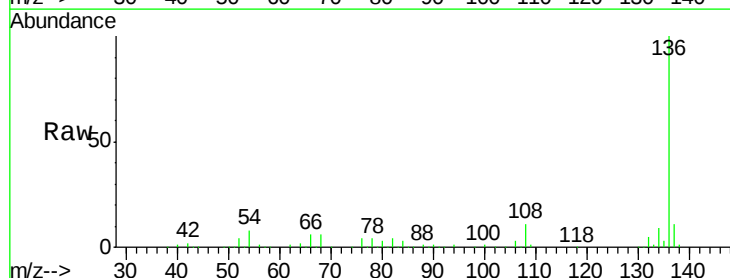
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.0 7.4 11.0

68 6.4 5.8 8.8

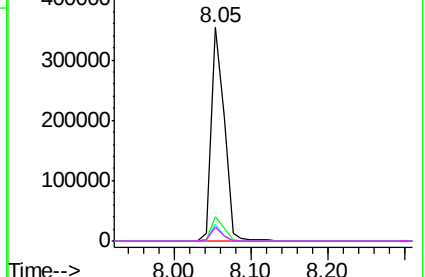
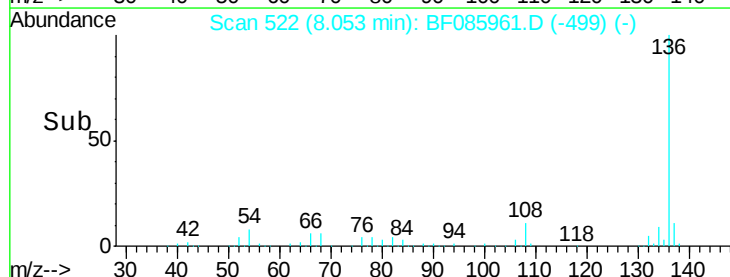


Abundance Ion 136.00 (135.70 to 136.70): E

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

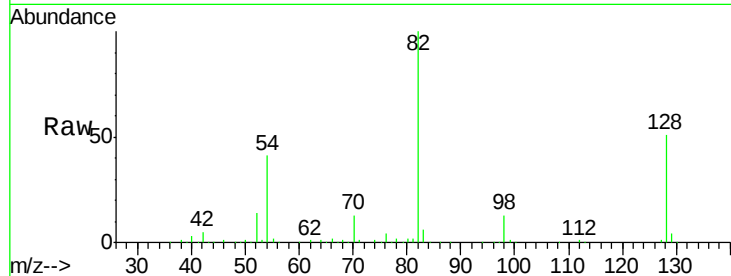




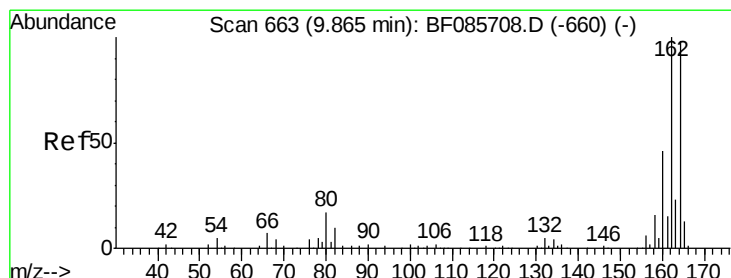
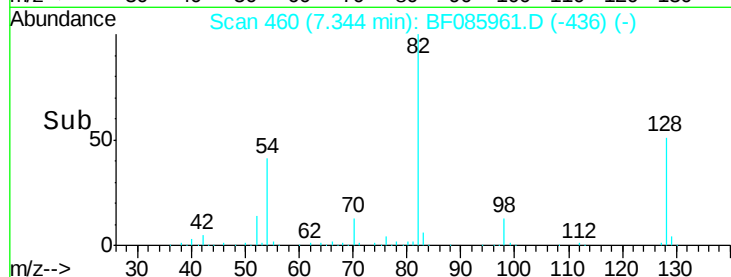
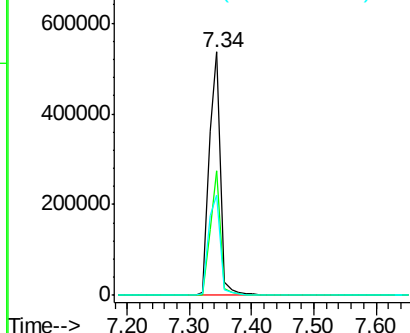
#23
 Nitrobenzene-d5
 Concen: 91.00 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-2(0-7FTBGS)

Tot Ion: 82 Resp: 663658
 Ion Ratio Lower Upper
 82 100
 128 51.0 41.8 62.8
 54 41.1 33.4 50.0

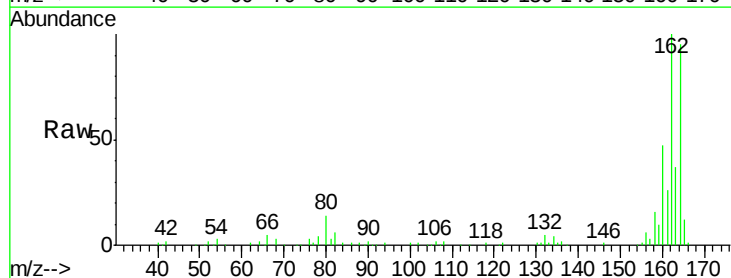


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

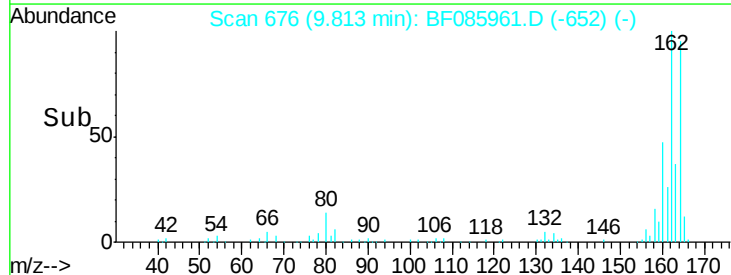
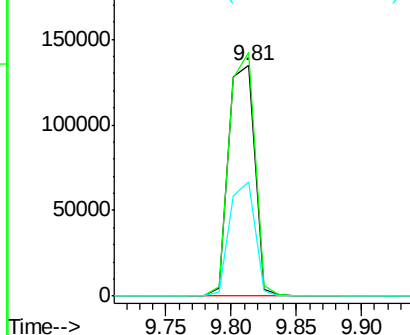


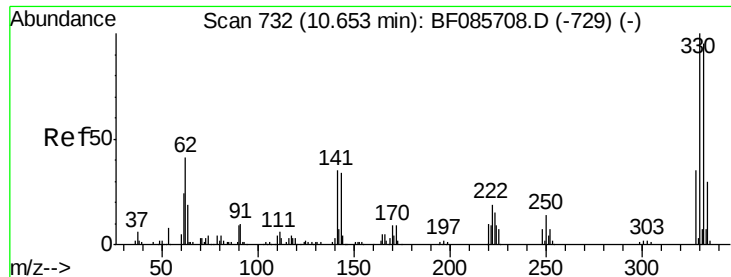
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Tgt Ion:164 Resp: 187676
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.1 123.1
 160 49.7 37.4 56.2



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

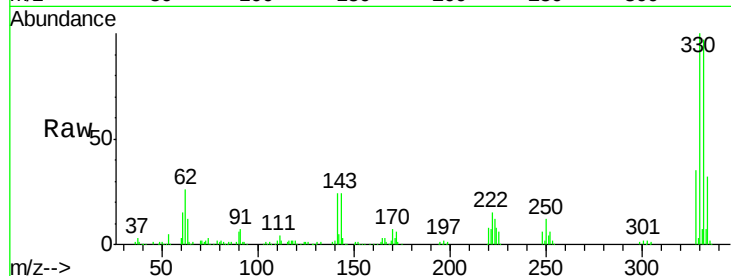




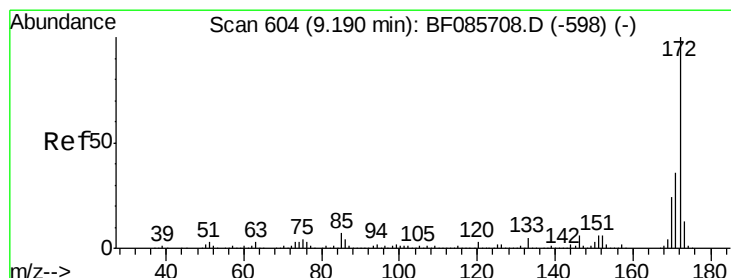
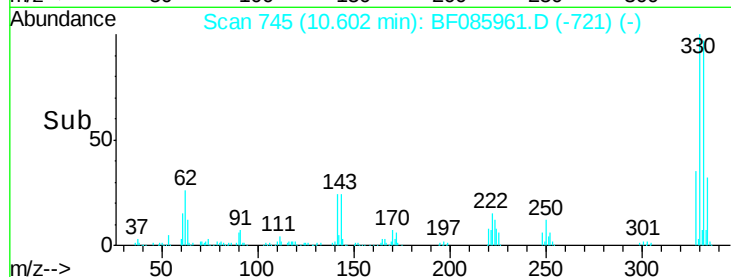
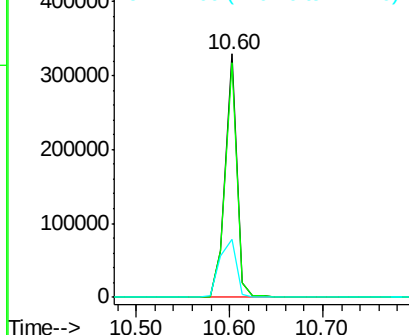
#41
 2,4,6-Tribromophenol
 Concen: 161.85 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-2(0-7FTBGS)

Tot Ion:330 Resp: 288592
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 33.9 31.5 47.3

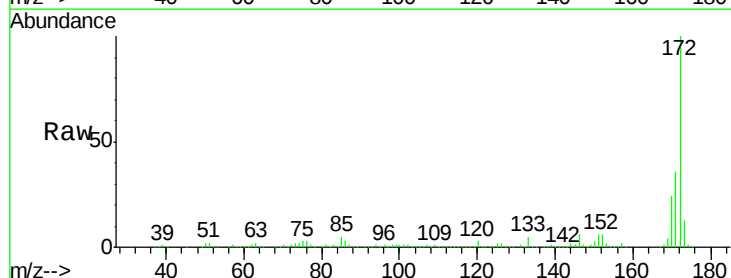


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

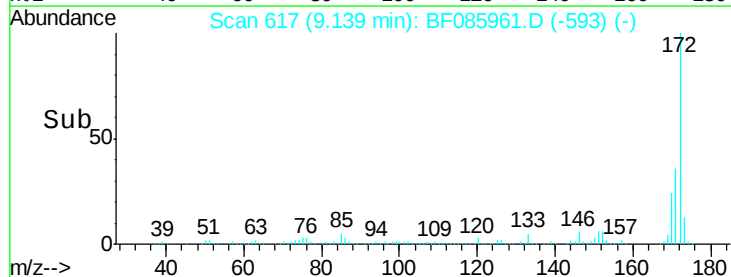
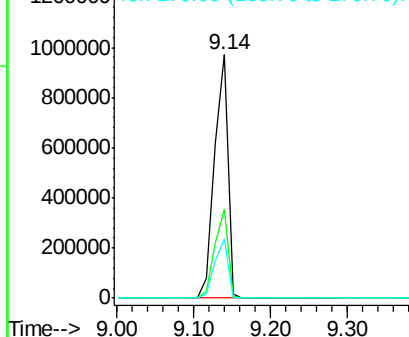


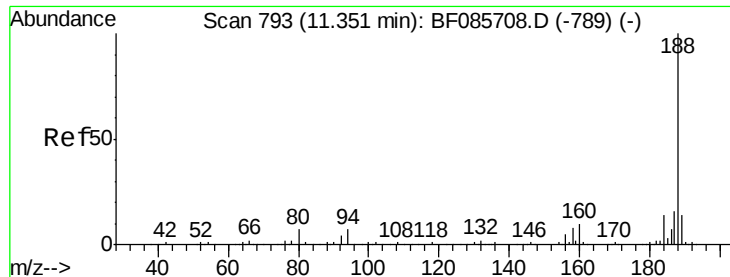
#44
 2-Fluorobiphenyl
 Concen: 103.91 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Tgt Ion:172 Resp: 1167277
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.3 19.8 29.6



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

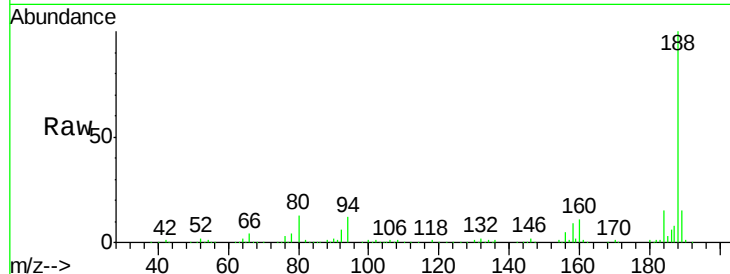




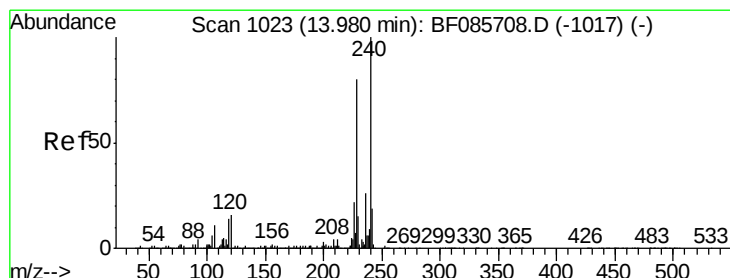
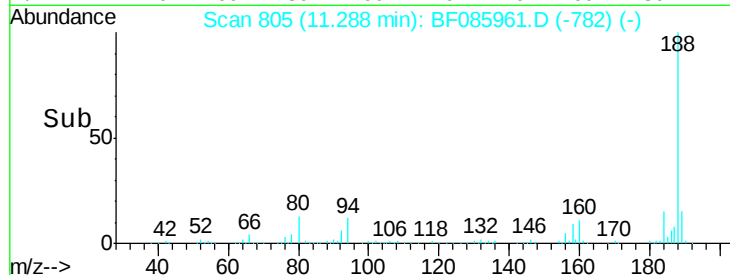
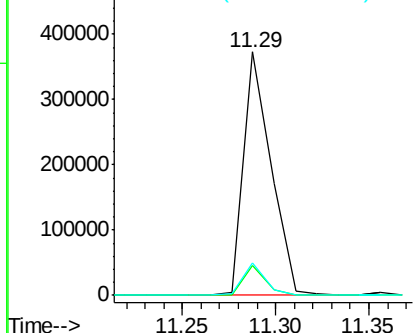
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF085961.D
Acq: 1 Apr 2016 14:15

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-2(0-7FTBGS)

Tot Ion:188 Resp: 382884
Ion Ratio Lower Upper
188 100
94 12.1 5.4 8.0#
80 13.2 5.5 8.3#

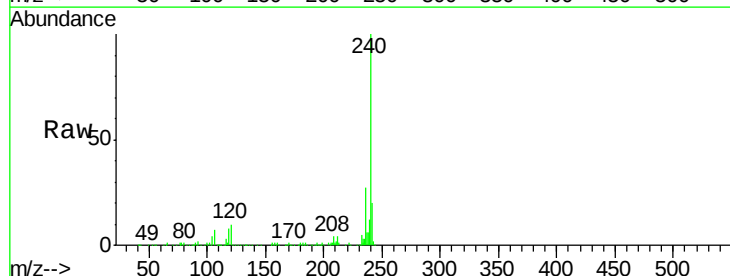


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

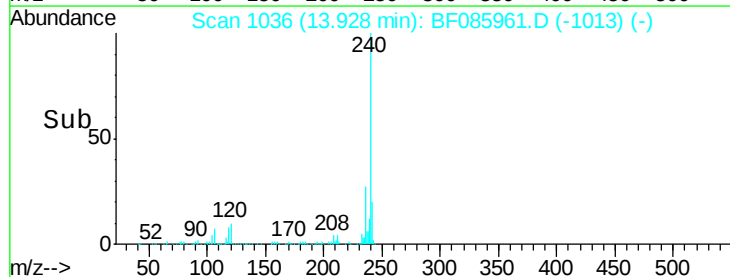
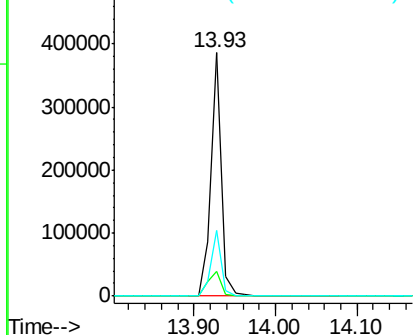


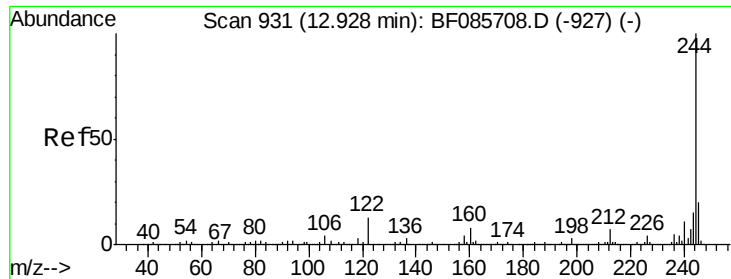
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BF085961.D
Acq: 1 Apr 2016 14:15

Tgt Ion:240 Resp: 352626
Ion Ratio Lower Upper
240 100
120 10.0 13.8 20.8#
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

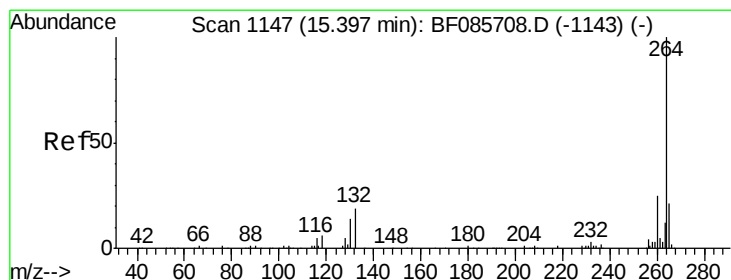
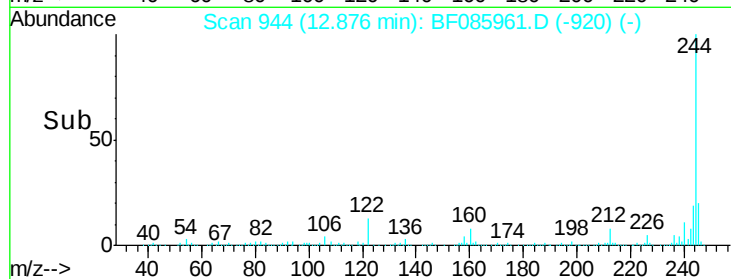
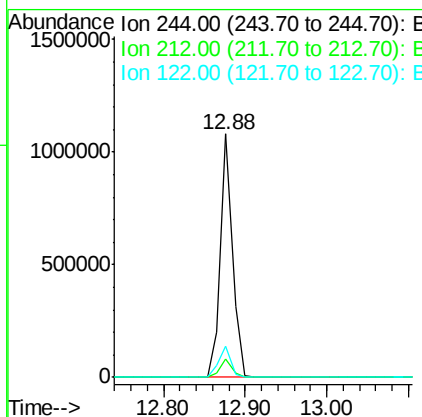
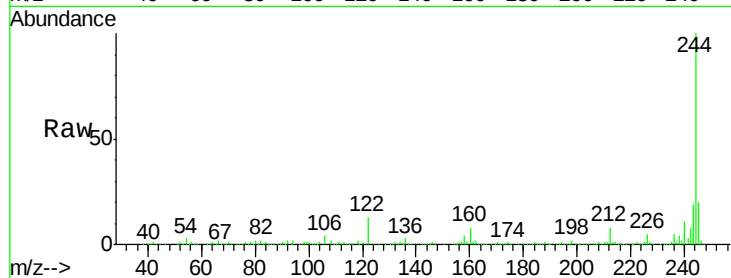




#78
 Terphenyl-d14
 Concen: 64.27 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

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Tot Ion:244 Resp: 1101979
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.7 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.04 min
 Lab File: BF085961.D
 Acq: 1 Apr 2016 14:15

Tgt Ion:264 Resp: 297276
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.2 17.2 25.8

