

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040116\
 Data File : BF085960.D
 Acq On : 1 Apr 2016 13:46
 Operator : UM/SJ
 Sample : H1978-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-1(0-21FTBGS)

Quant Time: Apr 01 15:24:44 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

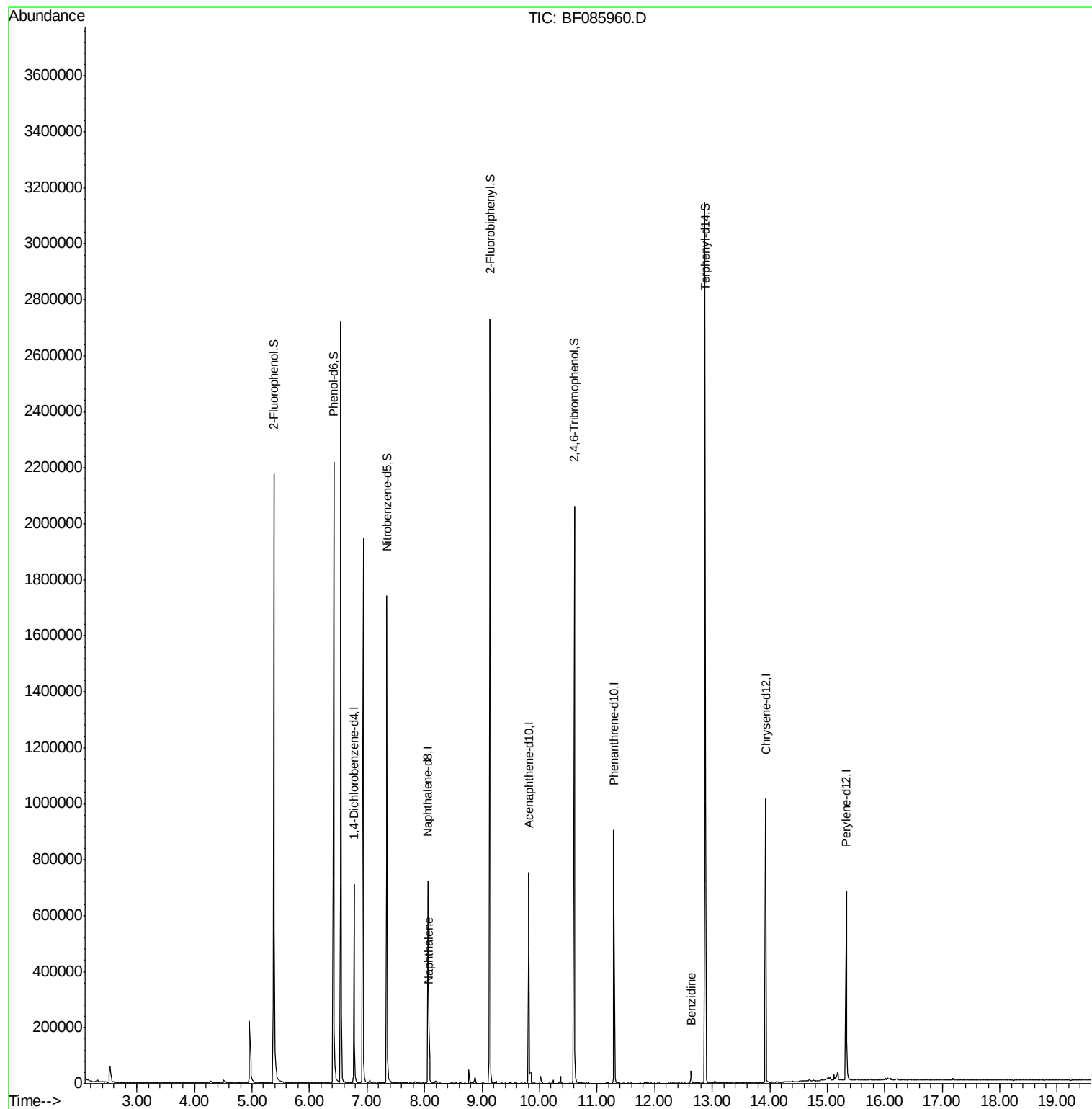
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106059	20.00	ng	-0.03
21) Naphthalene-d8	8.05	136	402279	20.00	ng	-0.04
38) Acenaphthene-d10	9.81	164	189187	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	374543	20.00	ng	-0.04
75) Chrysene-d12	13.93	240	350740	20.00	ng	-0.04
86) Perylene-d12	15.33	264	309754	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	707680	111.13	ng	-0.02
7) Phenol-d6	6.42	99	871028	107.58	ng	-0.03
23) Nitrobenzene-d5	7.34	82	674192	94.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	282356	157.08	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1131814	99.95	ng	-0.03
78) Terphenyl-d14	12.88	244	1130915	66.31	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.08	128	99219	4.89	ng	98
76) Benzidine	12.64	184	27141	2.20	ng	98

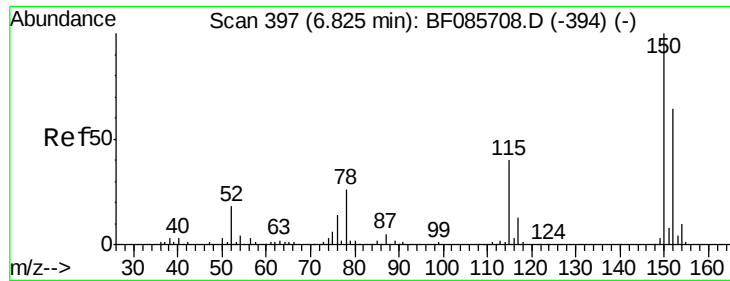
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085960.D

Acq: 1 Apr 2016 13:46

Instrument :

BNA_F

ClientSampleId :

NCB-083-CS-1(0-21FTBGS)

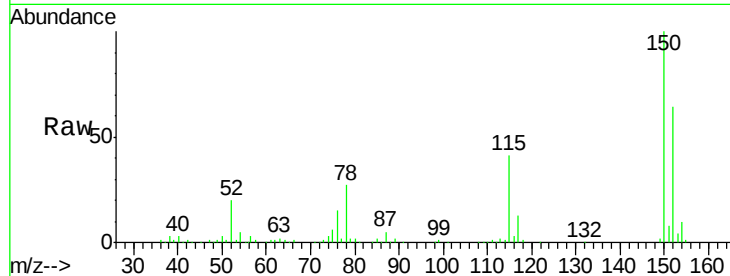
Tot Ion:152 Resp: 106059

Ion Ratio Lower Upper

152 100

150 156.9 124.2 186.2

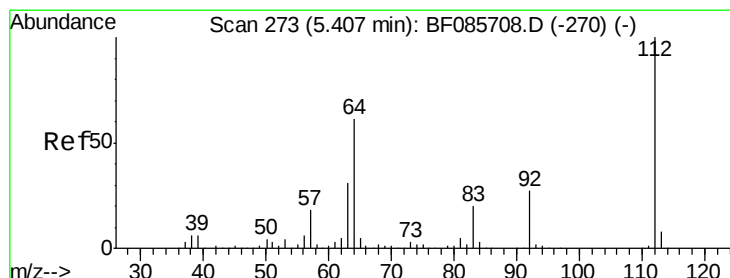
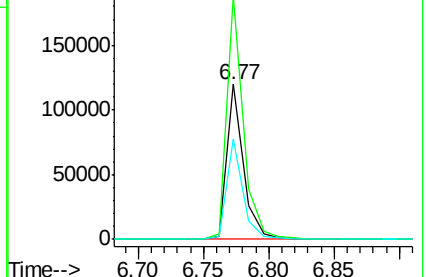
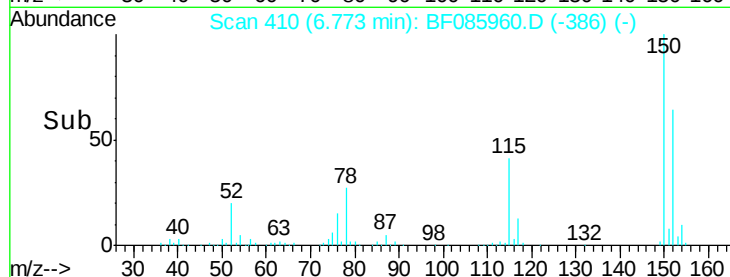
115 64.5 47.0 70.6



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: 111.13 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.02 min

Lab File: BF085960.D

Acq: 1 Apr 2016 13:46

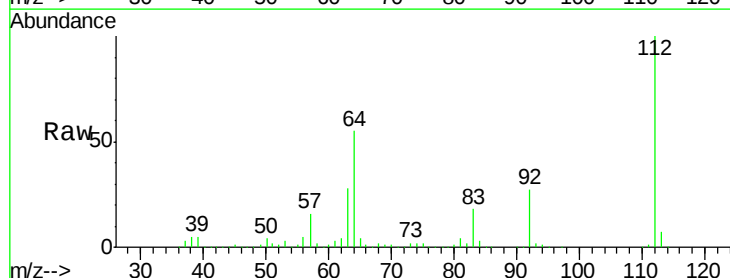
Tgt Ion:112 Resp: 707680

Ion Ratio Lower Upper

112 100

64 55.3 39.9 59.9

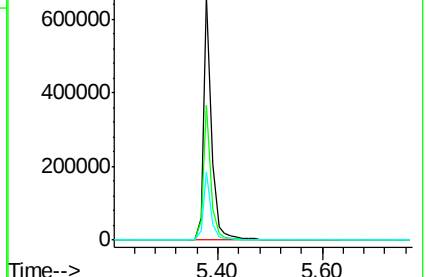
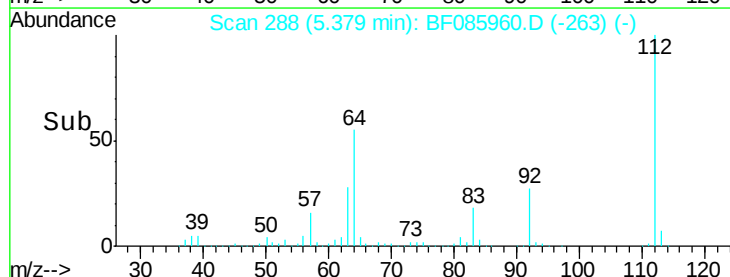
63 27.8 20.2 30.2



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: 107.58 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF085960.D

Acq: 1 Apr 2016 13:46

Instrument :

BNA_F

ClientSampleId :

NCB-083-CS-1(0-21FTBGS)

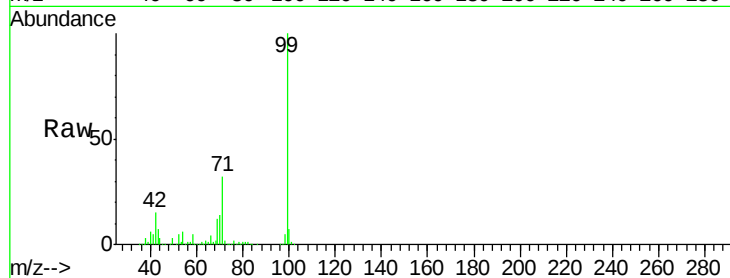
Tot Ion: 99 Resp: 871028

Ion Ratio Lower Upper

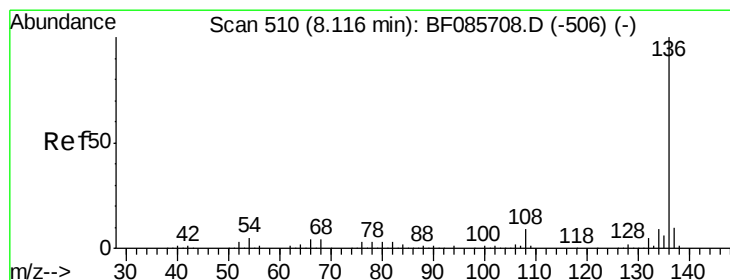
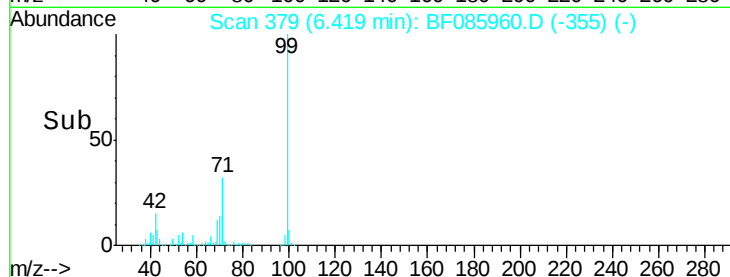
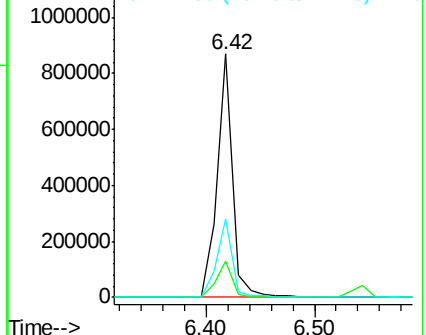
99 100

42 14.7 11.1 16.7

71 32.4 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: BF085960.D

Acq: 1 Apr 2016 13:46

Tgt Ion: 136 Resp: 402279

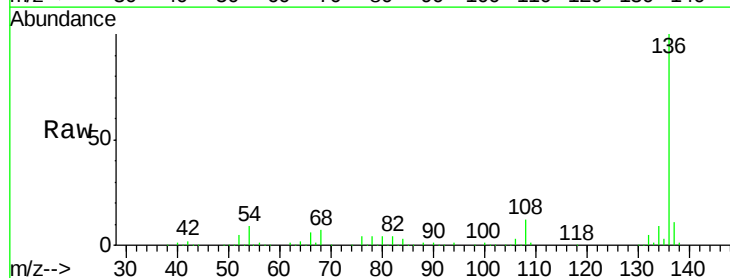
Ion Ratio Lower Upper

136 100

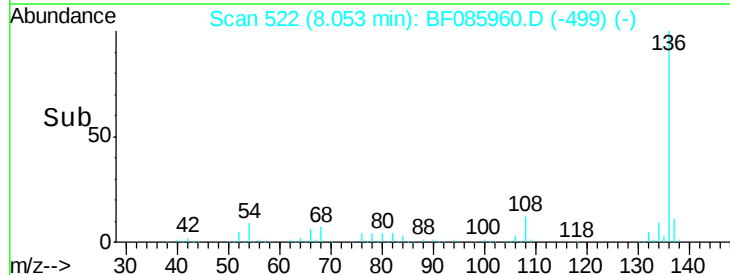
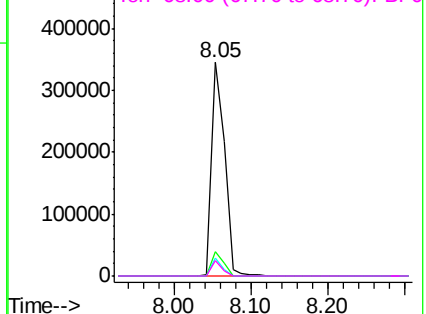
137 11.1 9.1 13.7

54 8.5 7.4 11.0

68 7.1 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

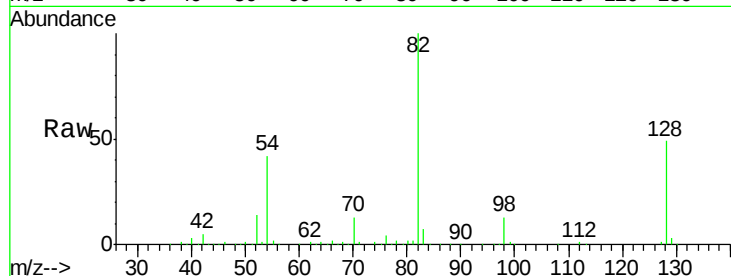




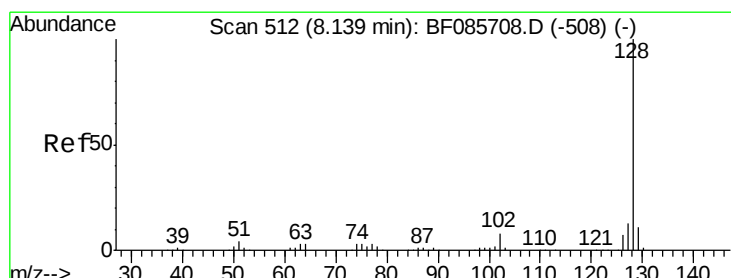
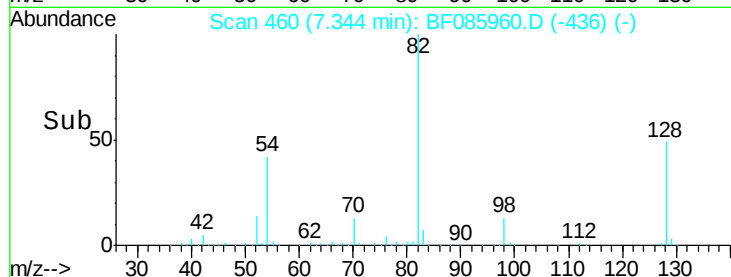
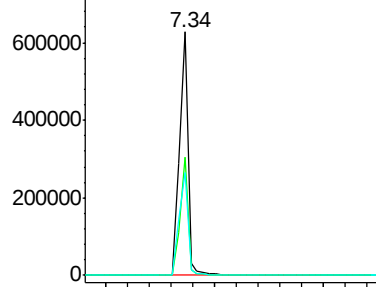
#23
 Nitrobenzene-d5
 Concen: 94.38 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-1(0-21FTBGS)

Tot Ion: 82 Resp: 674192
 Ion Ratio Lower Upper
 82 100
 128 48.7 41.8 62.8
 54 42.1 33.4 50.0

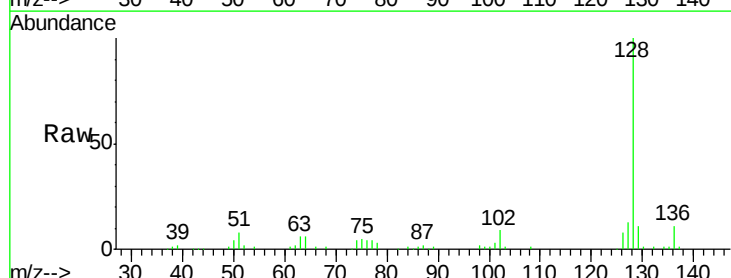


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

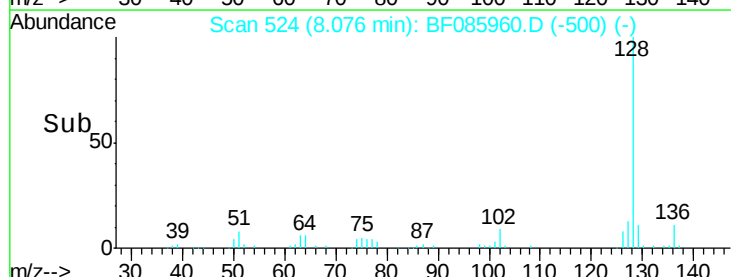
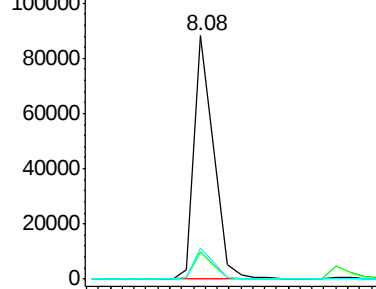


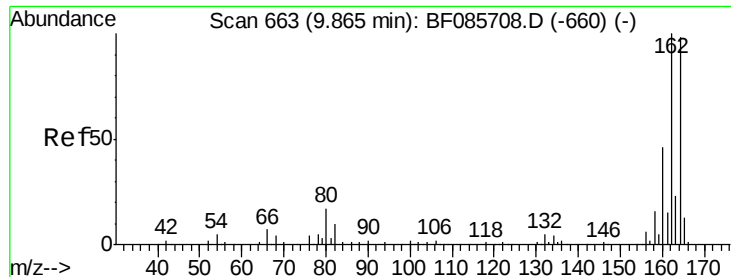
#31
 Naphthalene
 Concen: 4.89 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Tgt Ion: 128 Resp: 99219
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.4 14.0
 127 13.0 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

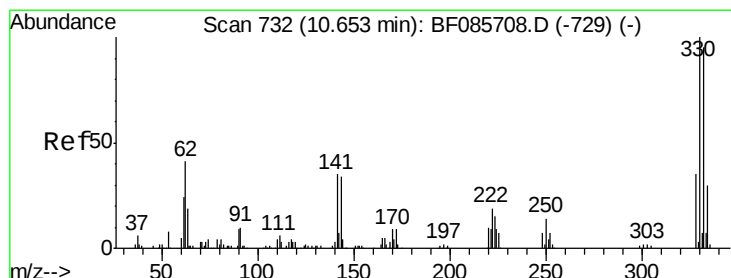
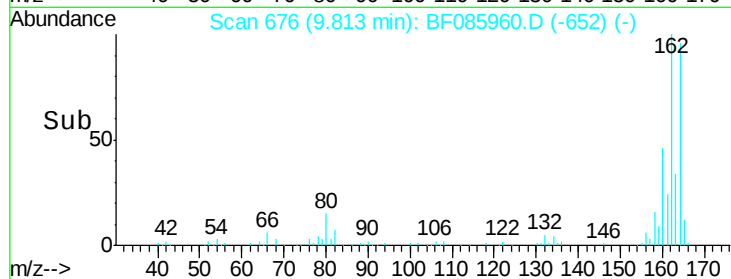
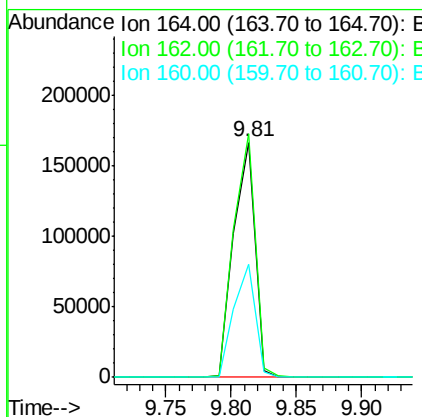
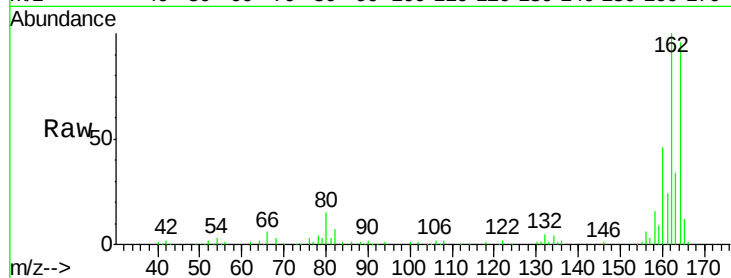




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

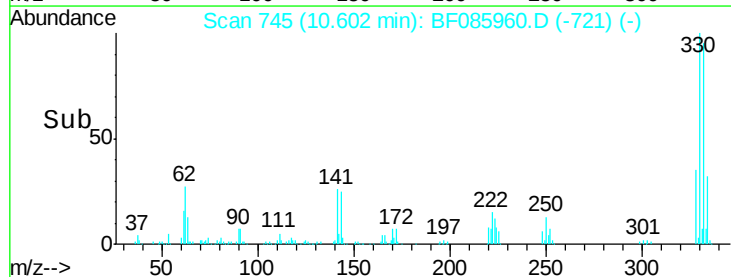
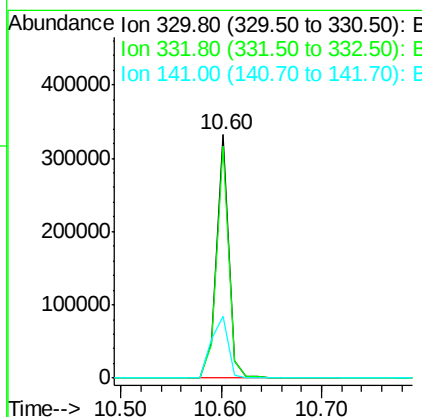
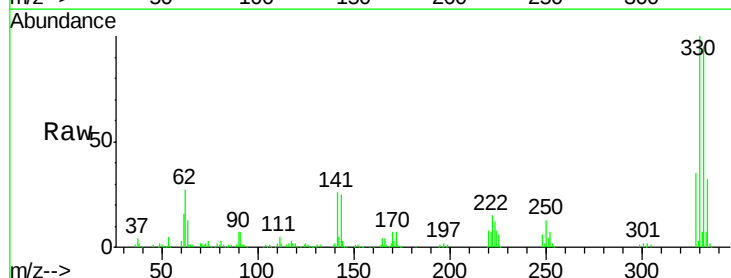
Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-1(0-21FTBGS)

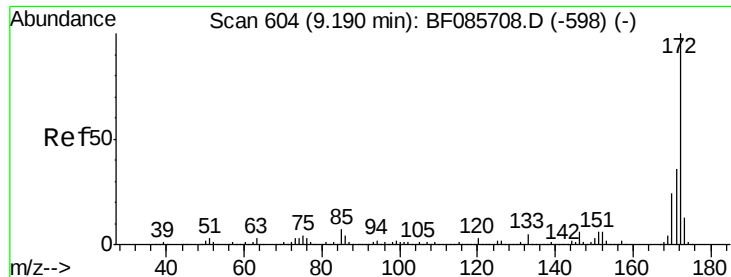
Tot Ion:164 Resp: 189187
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.1 123.1
 160 47.9 37.4 56.2



#41
 2,4,6-Tribromophenol
 Concen: 157.08 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Tgt Ion:330 Resp: 282356
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 35.3 31.5 47.3



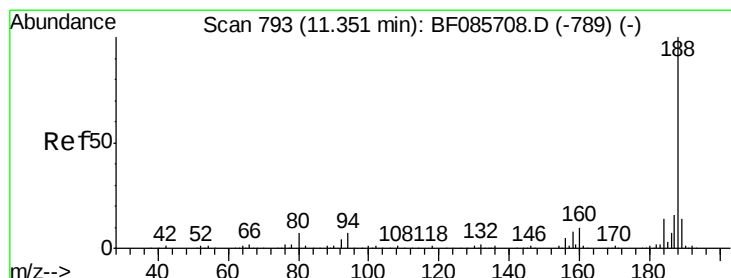
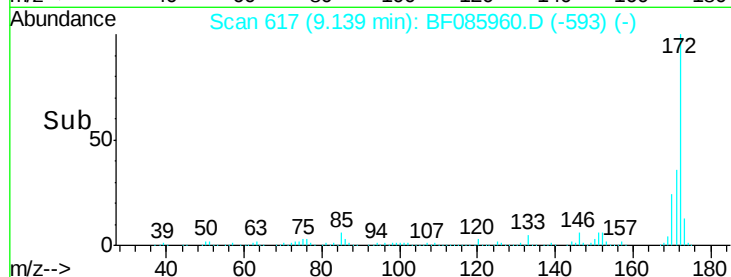
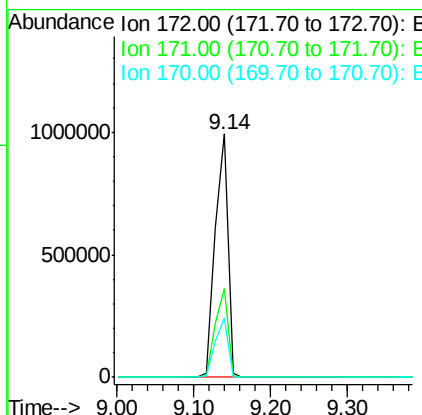
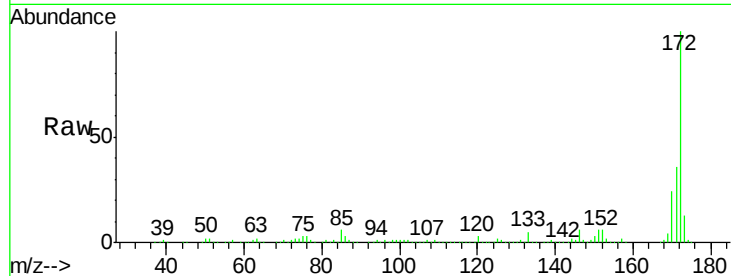


#44
 2-Fluorobiphenyl
 Concen: 99.95 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Instrument :
 BNA_F
 ClientSampleId :
 NCB-083-CS-1(0-21FTBGS)

Tot Ion:172 Resp: 1131814

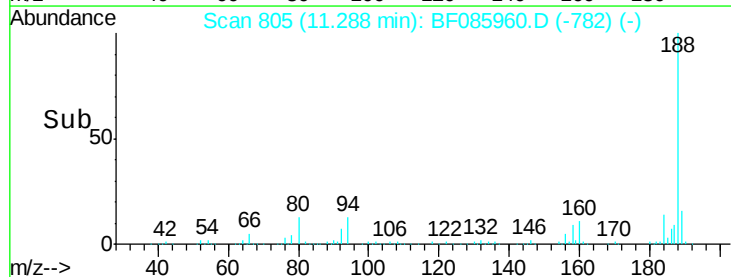
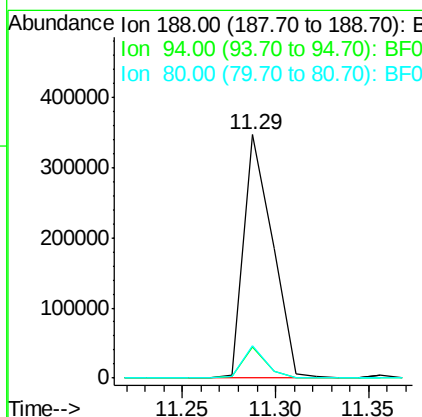
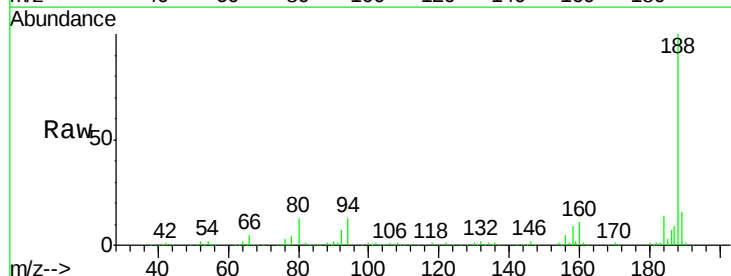
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.3	19.8	29.6

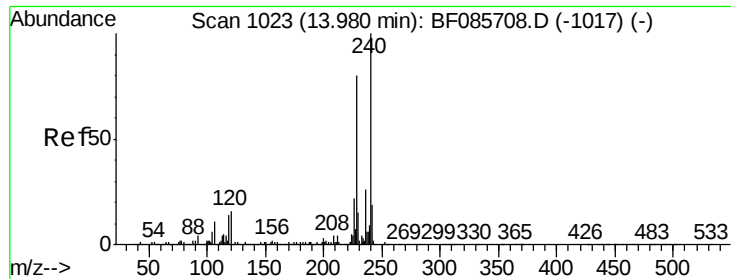


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.04 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Tgt Ion:188 Resp: 374543

Ion	Ratio	Lower	Upper
188	100		
94	12.8	5.4	8.0#
80	13.4	5.5	8.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.04 min

Lab File: BF085960.D

Acq: 1 Apr 2016 13:46

Instrument :

BNA_F

ClientSampleId :

NCB-083-CS-1(0-21FTBGS)

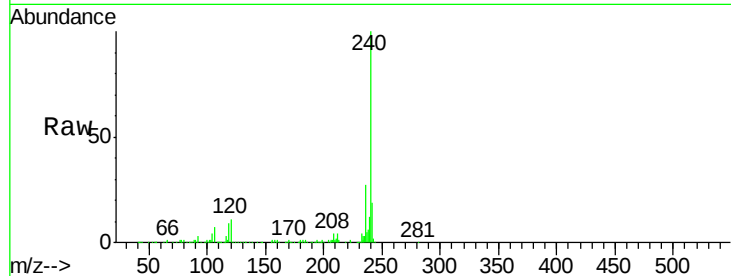
Tot Ion:240 Resp: 350740

Ion Ratio Lower Upper

240 100

120 10.9 13.8 20.8#

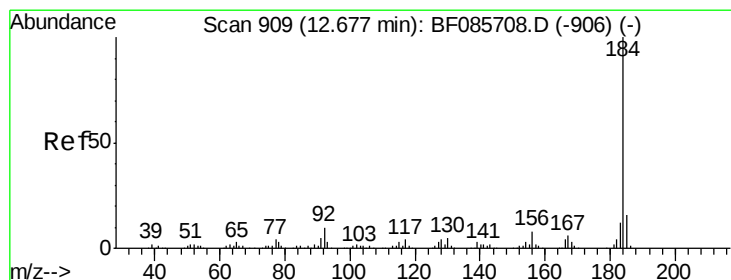
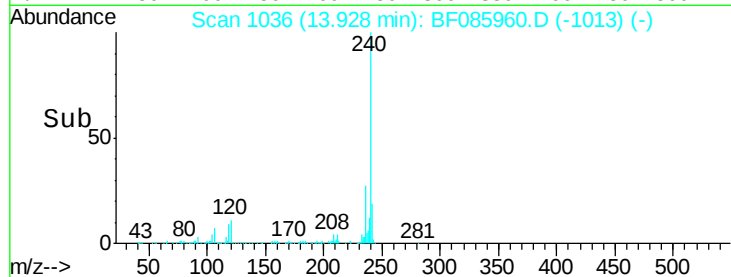
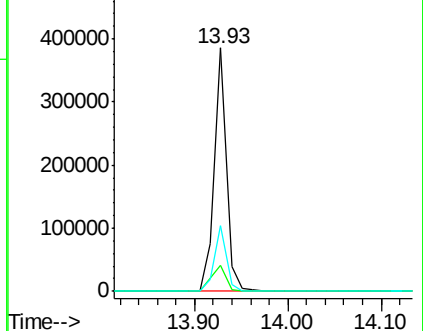
236 26.9 20.6 30.8



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



#76

Benzidine

Concen: 2.20 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.03 min

Lab File: BF085960.D

Acq: 1 Apr 2016 13:46

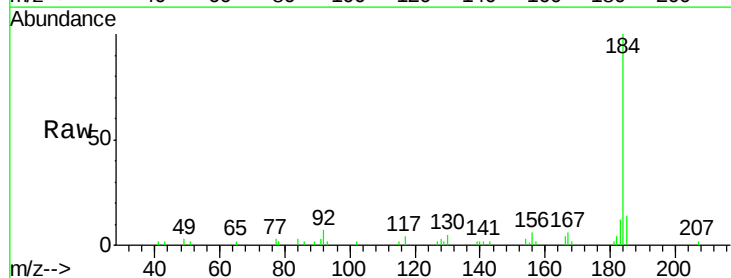
Tgt Ion:184 Resp: 27141

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

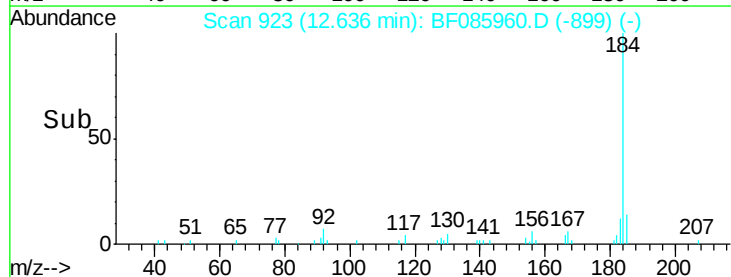
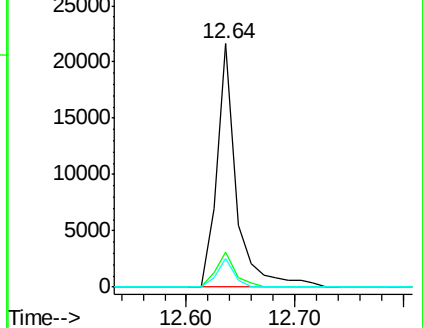
183 11.8 9.4 14.2

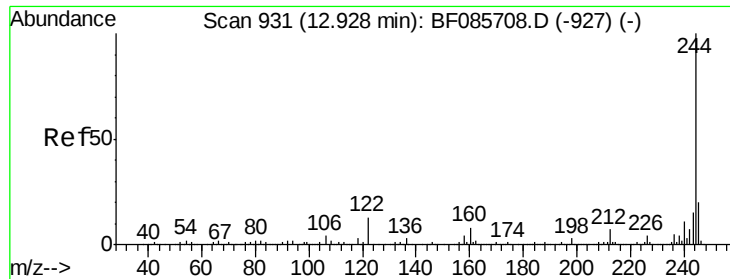


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



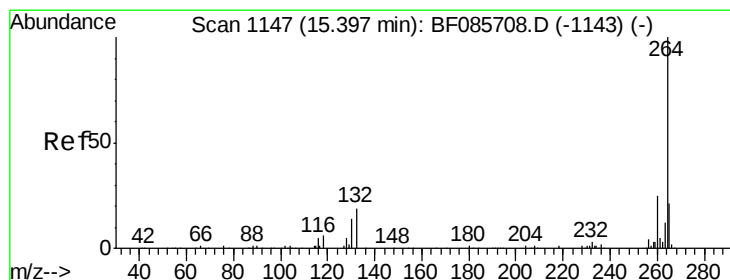
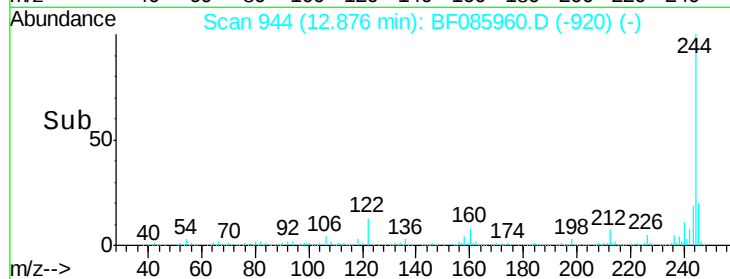
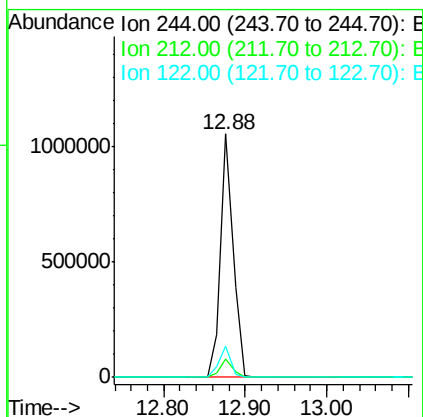
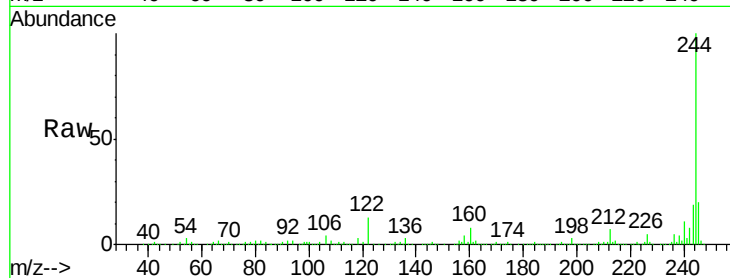


#78
 Terphenyl-d14
 Concen: 66.31 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF085960.D
 Acq: 1 Apr 2016 13:46

Instrument :
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 NCB-083-CS-1(0-21FTBGS)

Tot Ion:244 Resp: 1130915

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.6	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: BF085960.D
 Acq: 1 Apr 2016 13:46

Tgt Ion:264 Resp: 309754

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.4	17.2	25.8

