

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085000.D
 Acq On : 10 Feb 2016 18:36
 Operator : SJ/IZ
 Sample : H1386-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(22-24)

Quant Time: Feb 11 00:22:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

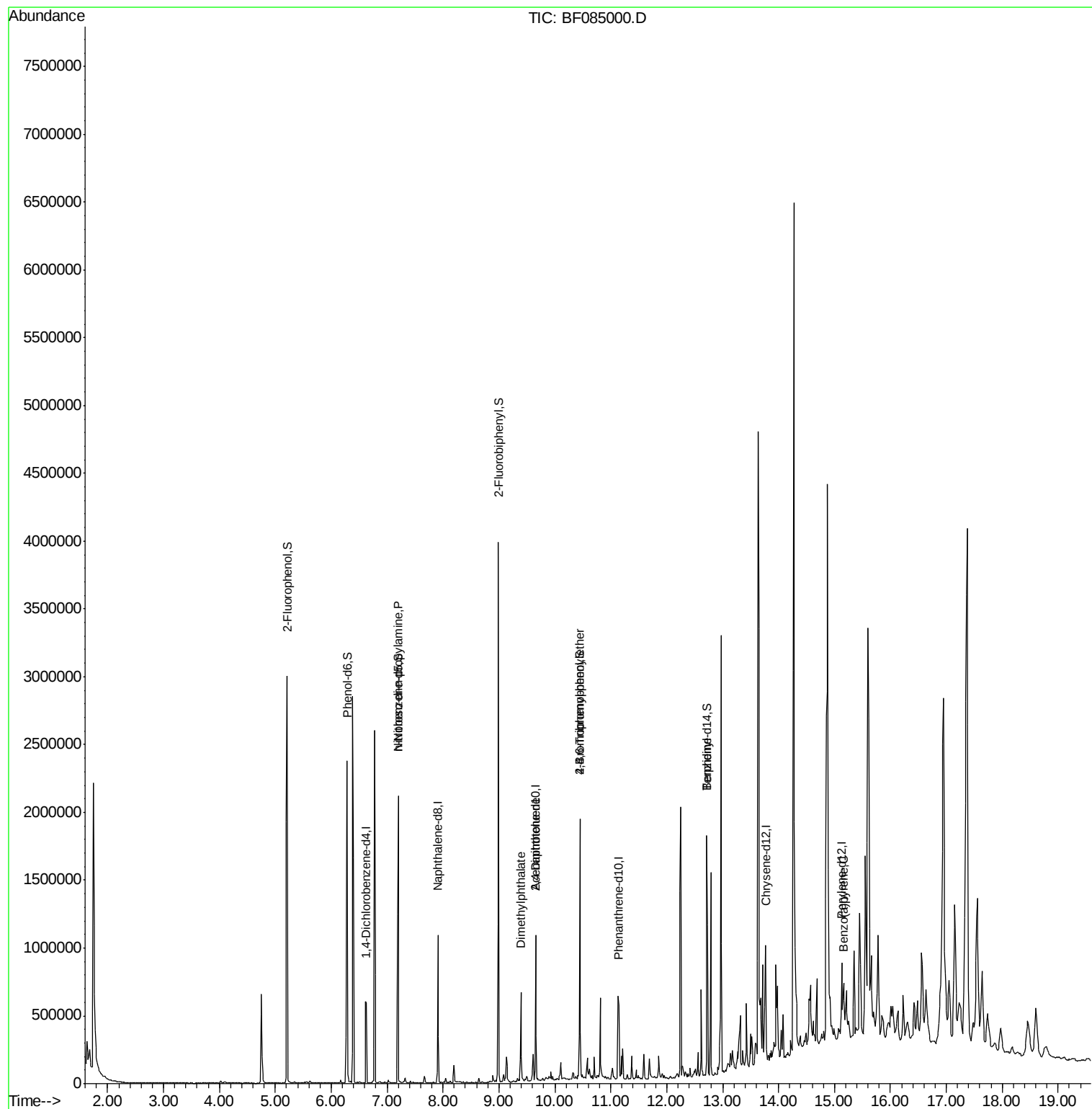
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	137736	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	510566	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	208064	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	315424	20.00	ng	0.00
75) Chrysene-d12	13.77	240	274611	20.00	ng	0.00
86) Perylene-d12	15.13	264	244798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1016150	114.91	ng	0.01
7) Phenol-d6	6.28	99	1265203	115.41	ng	0.00
23) Nitrobenzene-d5	7.20	82	812746	89.67	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	211204	97.32	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1199050	105.63	ng	0.00
78) Terphenyl-d14	12.72	244	687579	56.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	109784	15.98	ng	# 75
49) Dimethylphthalate	9.39	163	236073	14.90	ng	# 88
56) 2,4-Dinitrotoluene	9.66	165	27205	6.16	ng	# 22
66) 4-Bromophenyl-phenylether	10.44	248	13299	3.82	ng	# 1
76) Benzidine	12.72	184	9524	7.54	ng	96
89) Benzo(a)pyrene	15.15	252	144633	10.32	ng	# 90

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085000.D
Acq On : 10 Feb 2016 18:36
Operator : SJ/IZ
Sample : H1386-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B018(22-24)

Quant Time: Feb 11 00:22:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF085000.D

Acq: 10 Feb 2016 18:36

Instrument :

BNA_F

ClientSampleId :

S4-B018(22-24)

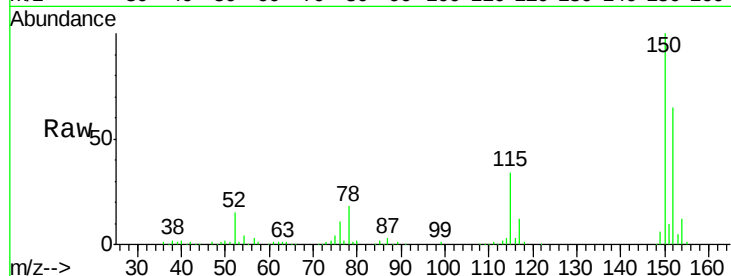
Tgt Ion:152 Resp: 137736

Ion Ratio Lower Upper

152 100

150 152.9 123.0 184.4

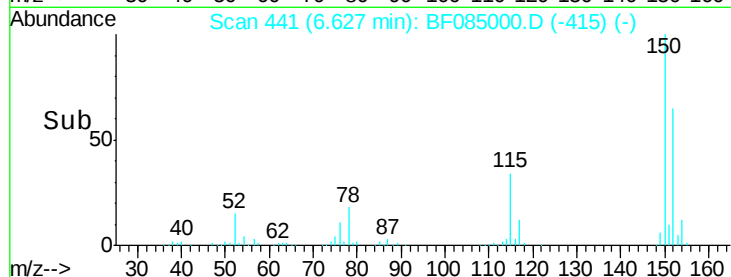
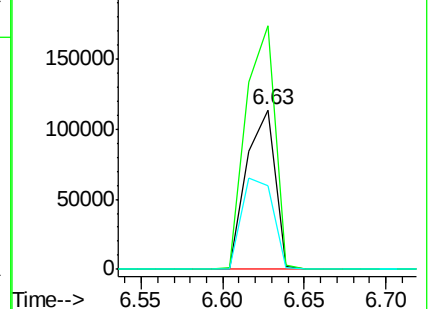
115 52.3 51.4 77.2



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: 114.91 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085000.D

Acq: 10 Feb 2016 18:36

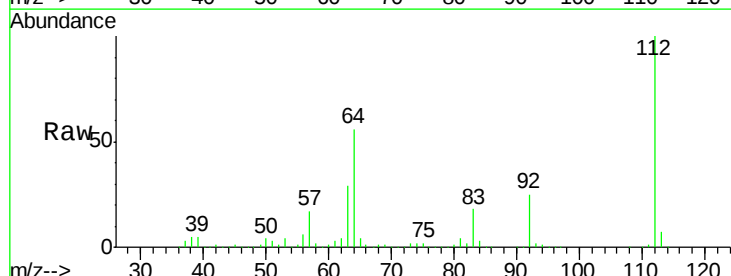
Tgt Ion:112 Resp: 1016150

Ion Ratio Lower Upper

112 100

64 55.5 36.6 55.0#

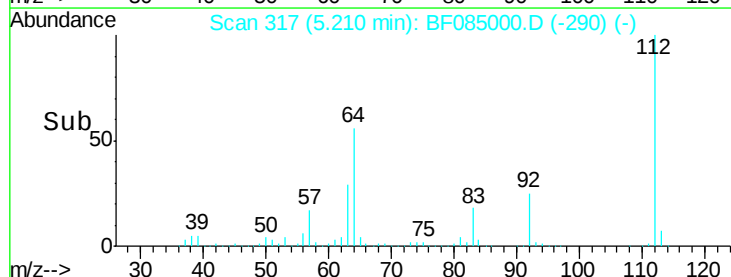
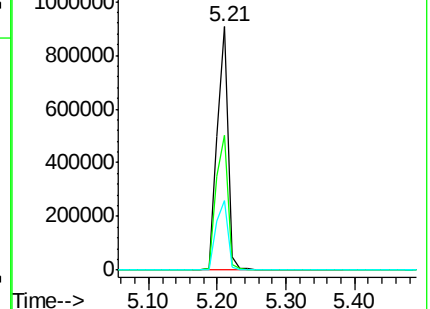
63 28.7 19.4 29.0

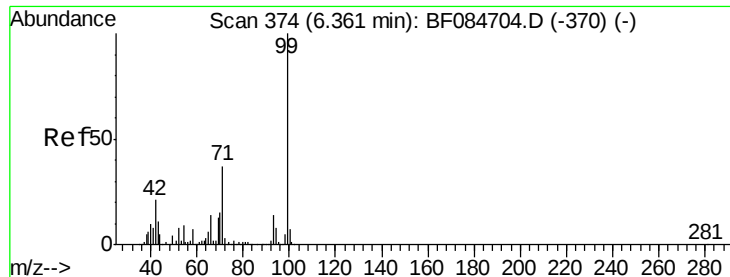


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.41 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF085000.D

Acq: 10 Feb 2016 18:36

Instrument :

BNA_F

ClientSampleId :

S4-B018(22-24)

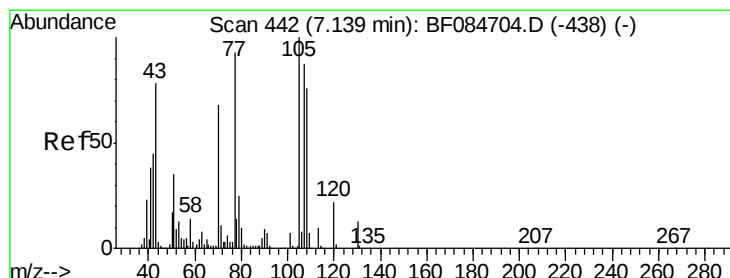
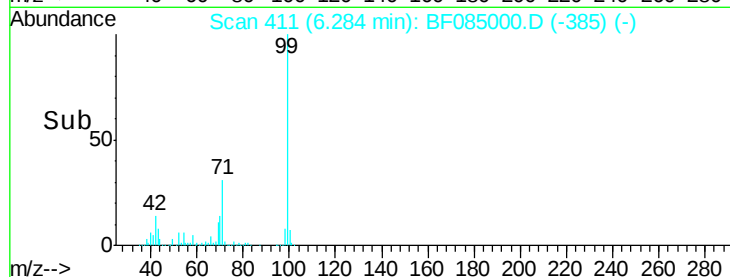
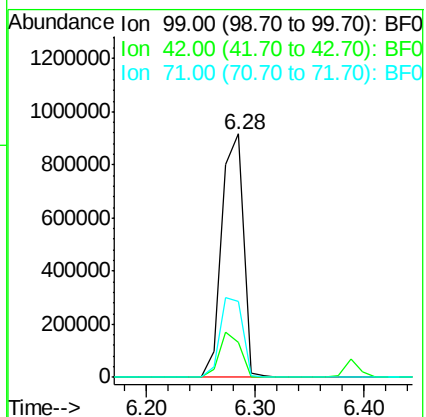
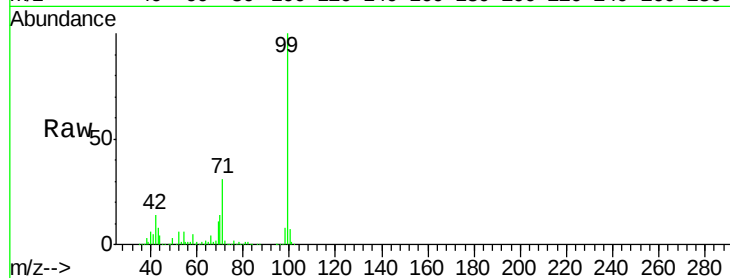
Tgt Ion: 99 Resp: 1265203

Ion Ratio Lower Upper

99 100

42 14.4 12.8 19.2

71 31.2 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.98 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.14 min

Lab File: BF085000.D

Acq: 10 Feb 2016 18:36

Tgt Ion: 70 Resp: 109784

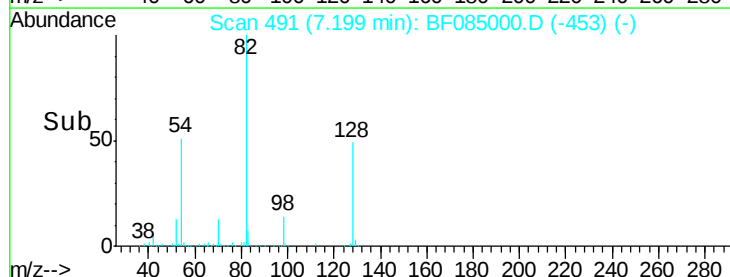
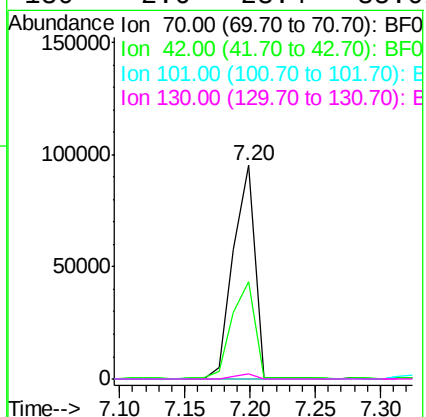
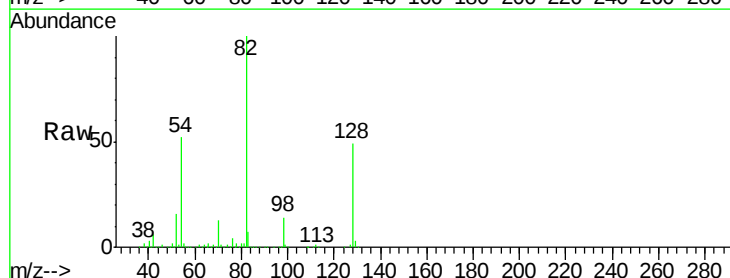
Ion Ratio Lower Upper

70 100

42 45.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.6 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF085000.D

Acq: 10 Feb 2016 18:36

Instrument :

BNA_F

ClientSampleId :

S4-B018(22-24)

Tgt Ion: 136 Resp: 510566

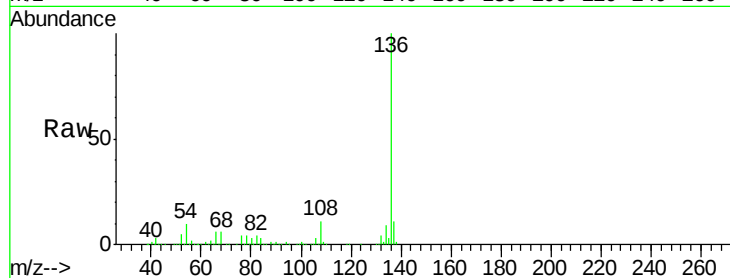
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.2 5.8 8.8#

68 5.5 4.2 6.2

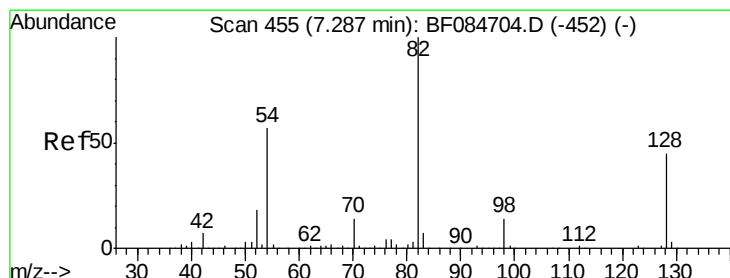
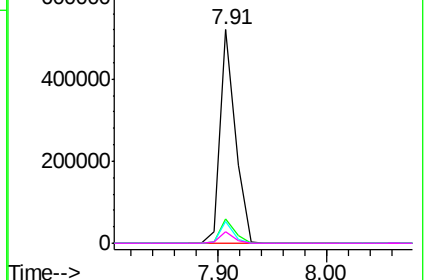
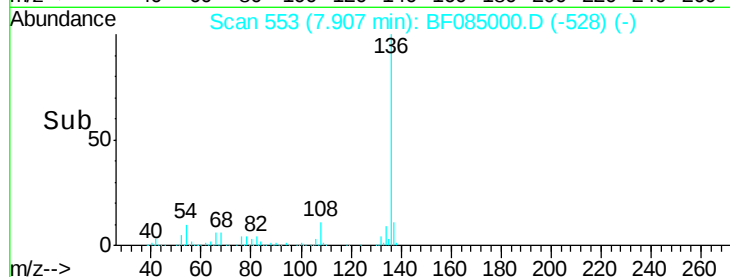


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.67 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF085000.D

Acq: 10 Feb 2016 18:36

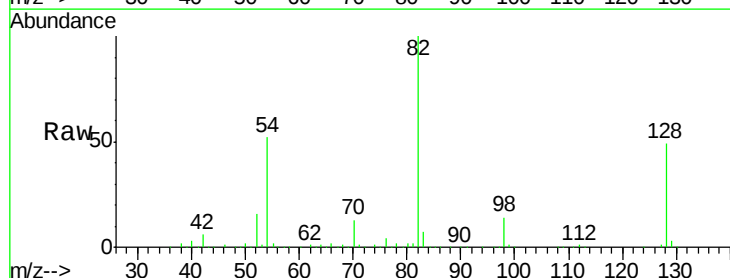
Tgt Ion: 82 Resp: 812746

Ion Ratio Lower Upper

82 100

128 49.0 34.6 51.8

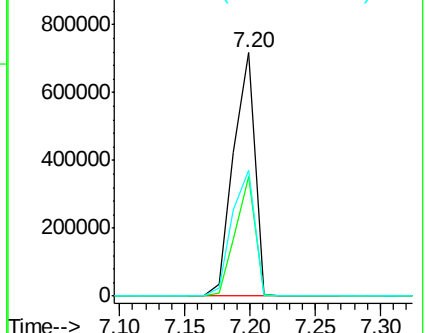
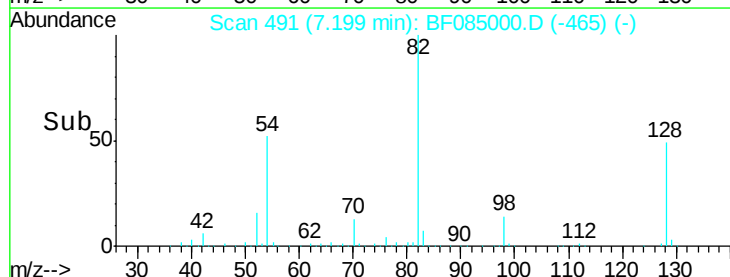
54 51.9 38.4 57.6

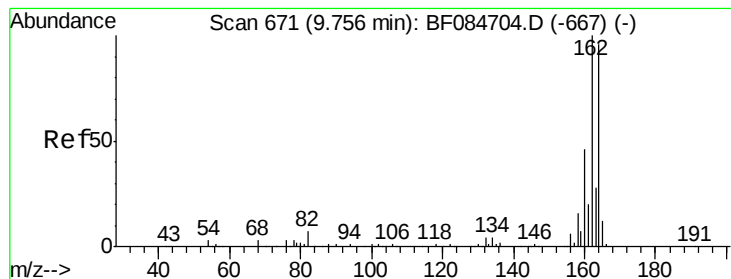


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF085000.D

Acq: 10 Feb 2016 18:36

Instrument :

BNA_F

ClientSampleId :

S4-B018(22-24)

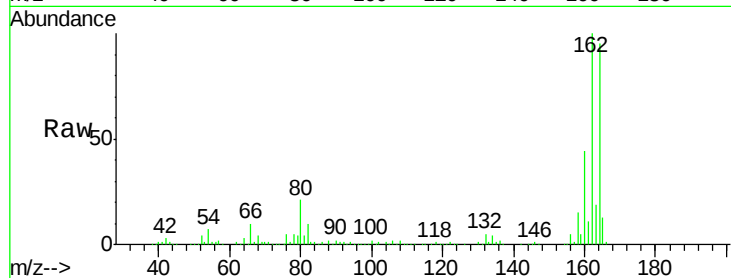
Tgt Ion:164 Resp: 208064

Ion Ratio Lower Upper

164 100

162 105.5 85.1 127.7

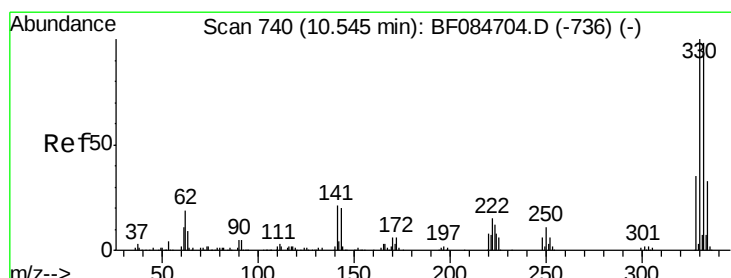
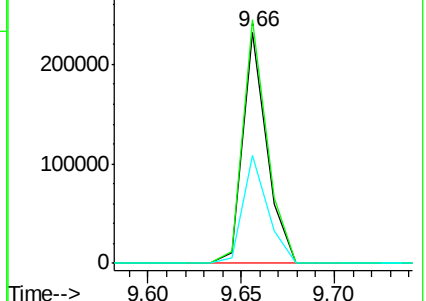
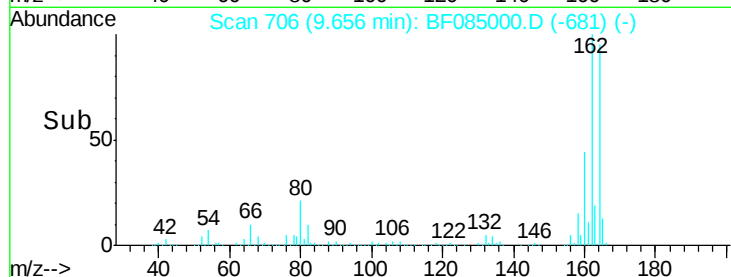
160 46.9 37.5 56.3



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: 97.32 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF085000.D

Acq: 10 Feb 2016 18:36

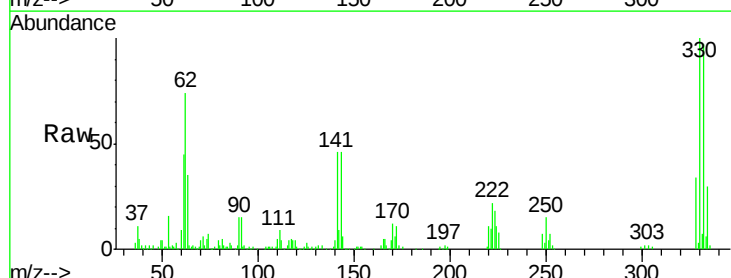
Tgt Ion:330 Resp: 211204

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

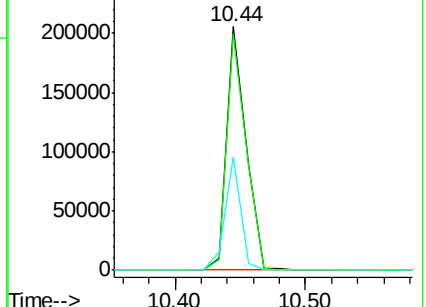
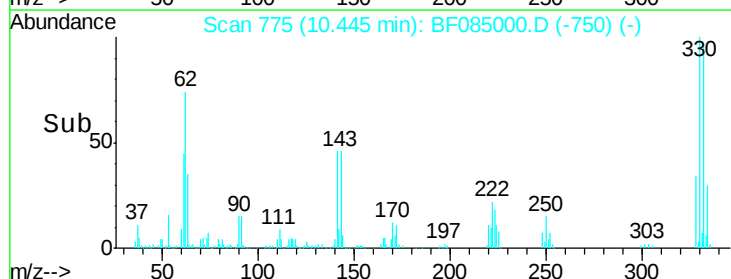
141 38.8 27.8 41.6

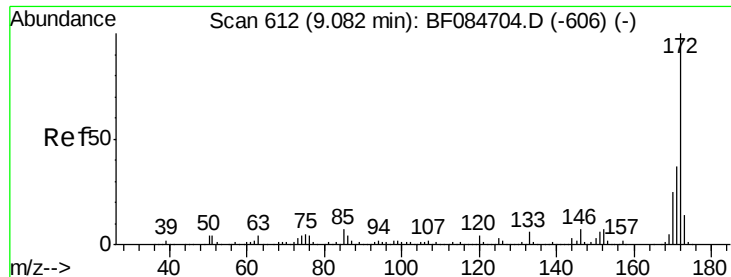


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

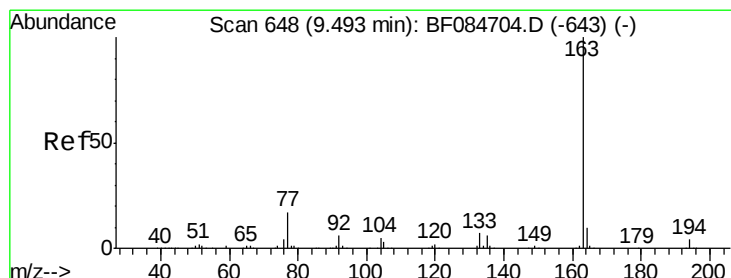
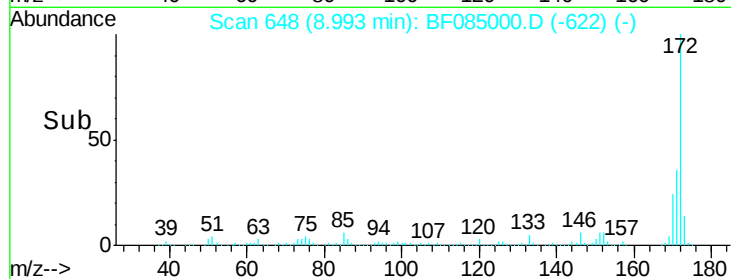
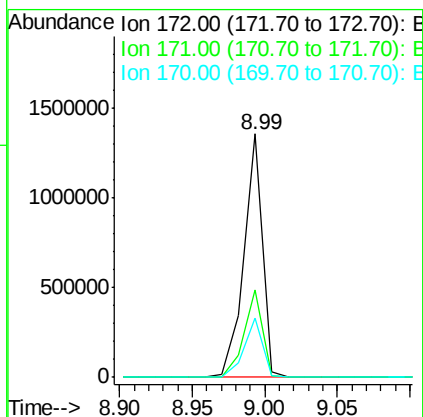
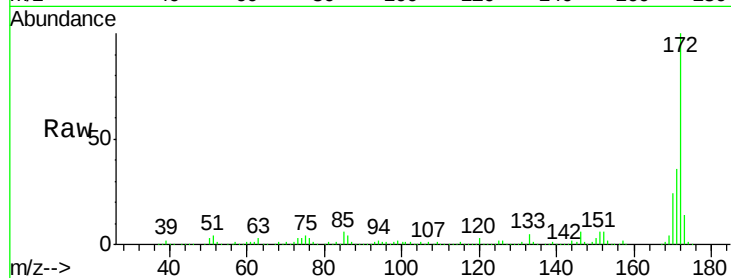




#44
2-Fluorobiphenyl
Concen: 105.63 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF085000.D
Acq: 10 Feb 2016 18:36

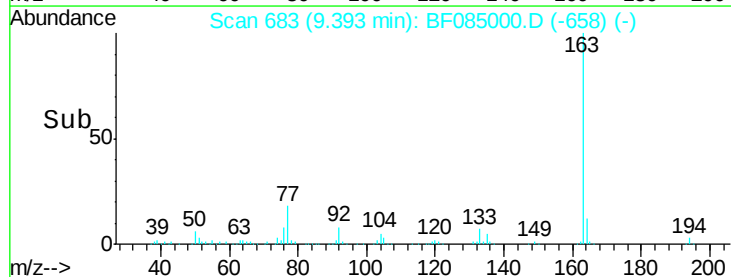
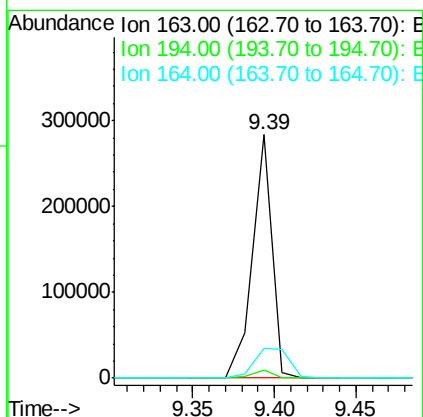
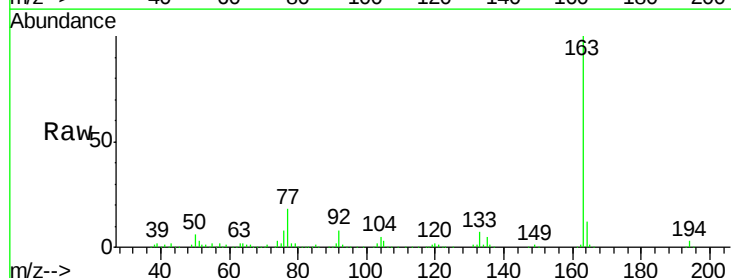
Instrument :
BNA_F
ClientSampleId :
S4-B018(22-24)

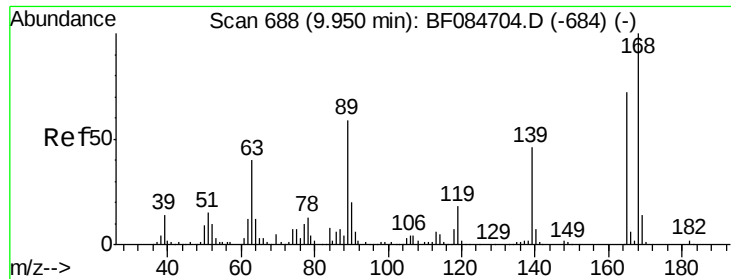
Tgt Ion:172 Resp: 1199050
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.3 18.6 27.8



#49
Dimethylphthalate
Concen: 14.90 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085000.D
Acq: 10 Feb 2016 18:36

Tgt Ion:163 Resp: 236073
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 12.3 8.0 12.0#

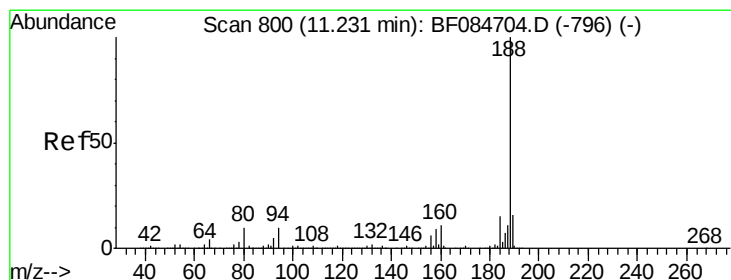
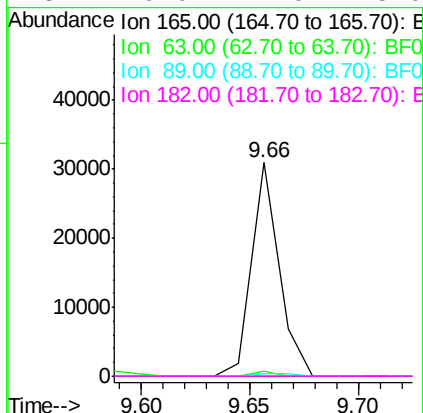
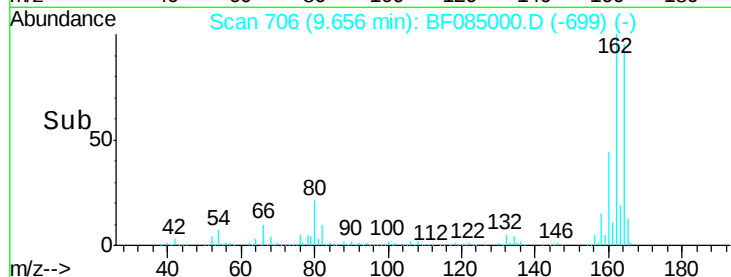
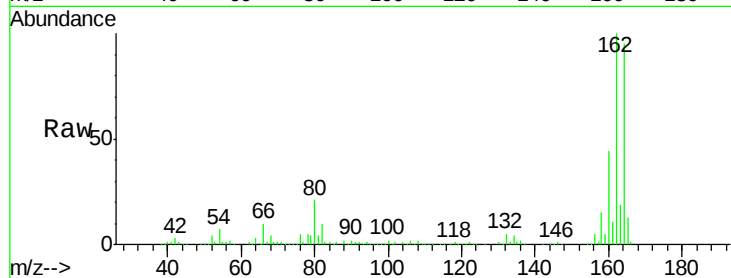




#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.22 min
Lab File: BF085000.D
Acq: 10 Feb 2016 18:36

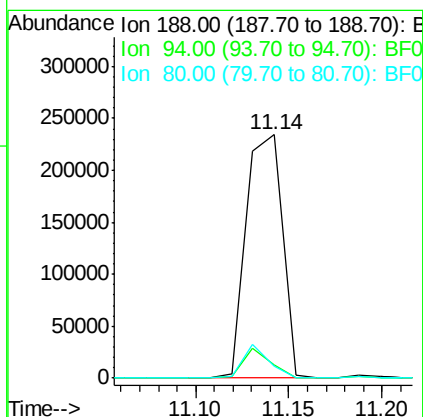
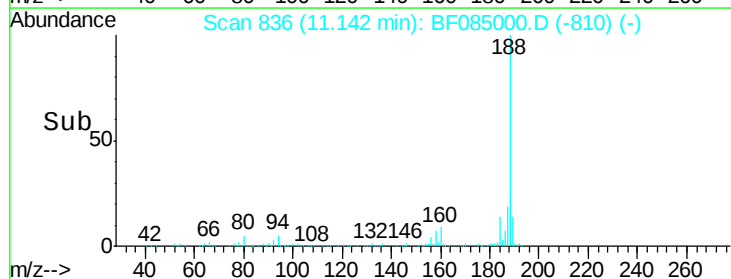
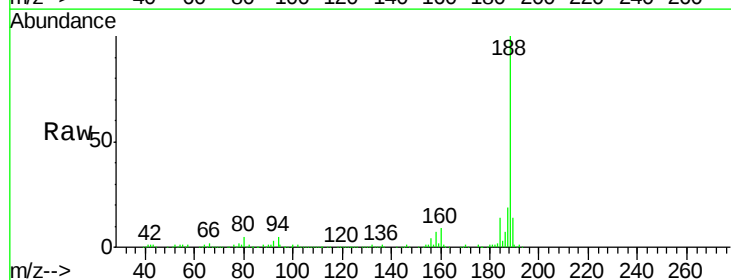
Instrument :
BNA_F
ClientSampleId :
S4-B018(22-24)

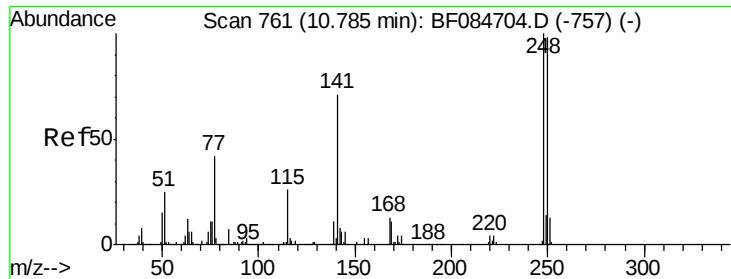
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF085000.D
Acq: 10 Feb 2016 18:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	9.0	13.4#
80	5.2	9.6	14.4#

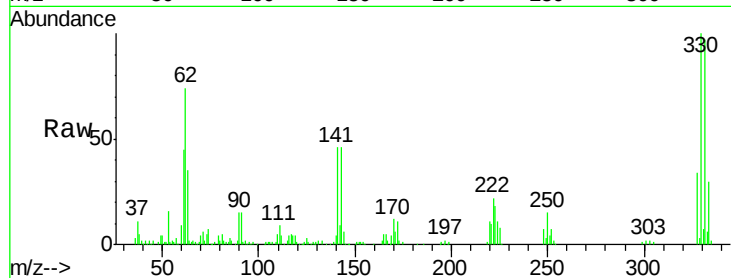




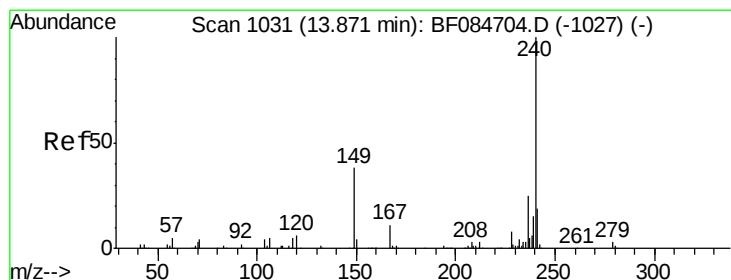
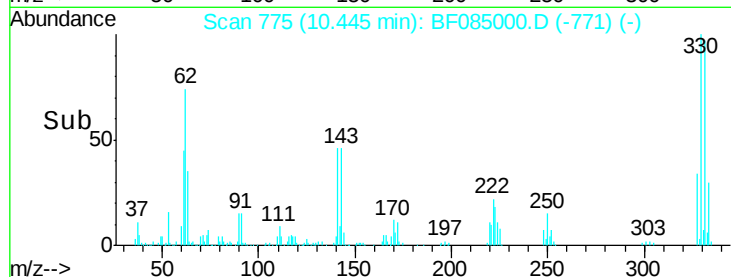
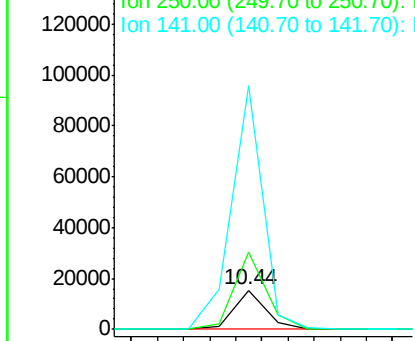
#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.25 min
Lab File: BF085000.D
Acq: 10 Feb 2016 18:36

Instrument :
BNA_F
ClientSampleId :
S4-B018(22-24)

Tgt Ion:248 Resp: 13299
Ion Ratio Lower Upper
248 100
250 196.8 78.4 117.6#
141 620.3 44.0 66.0#

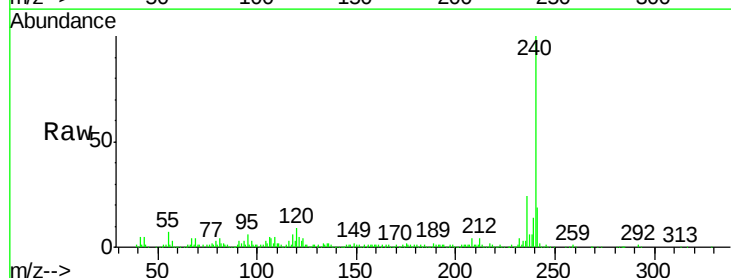


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

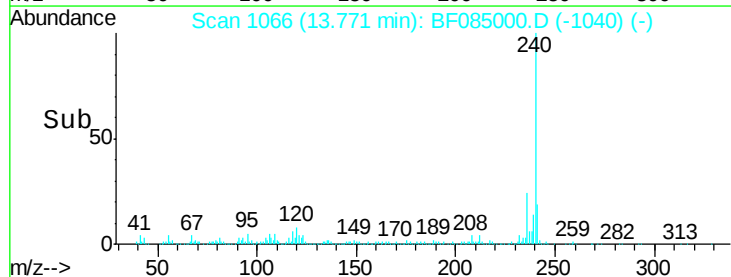
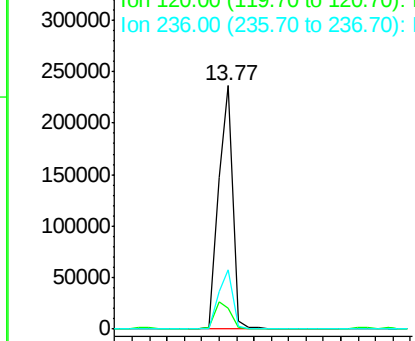


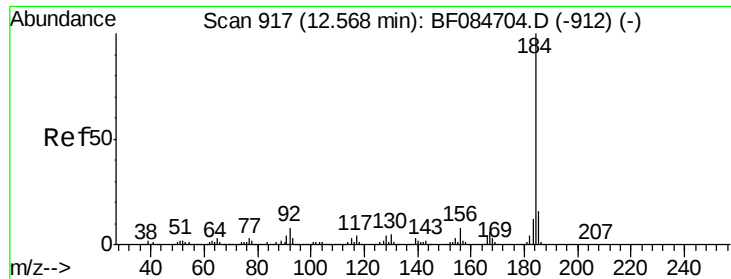
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF085000.D
Acq: 10 Feb 2016 18:36

Tgt Ion:240 Resp: 274611
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 24.5 20.6 31.0



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: 7.54 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.24 min

Lab File: BF085000.D

Acq: 10 Feb 2016 18:36

Instrument :

BNA_F

ClientSampleId :

S4-B018(22-24)

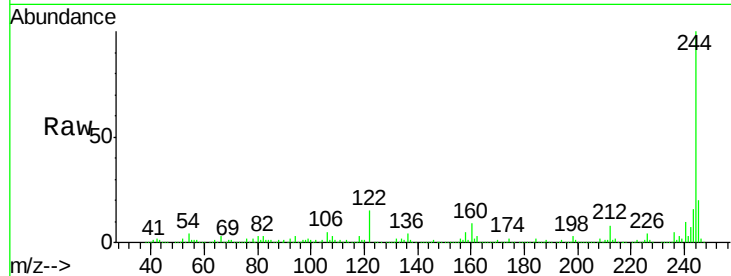
Tgt Ion:184 Resp: 9524

Ion Ratio Lower Upper

184 100

185 17.0 12.2 18.2

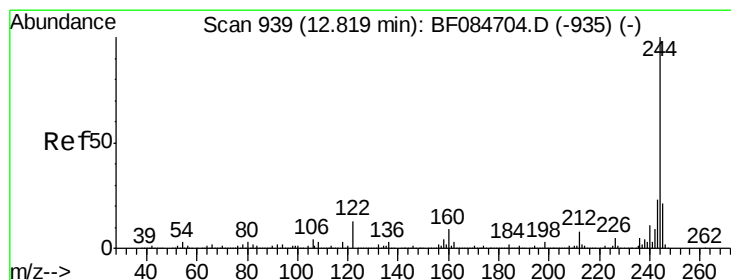
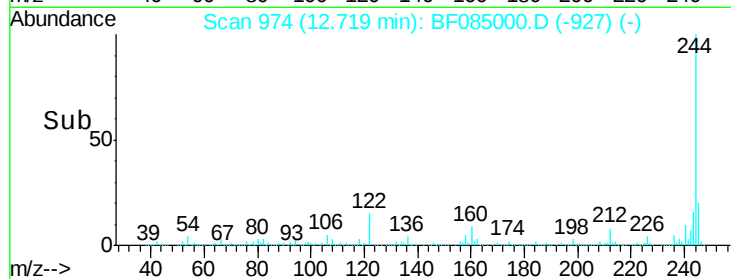
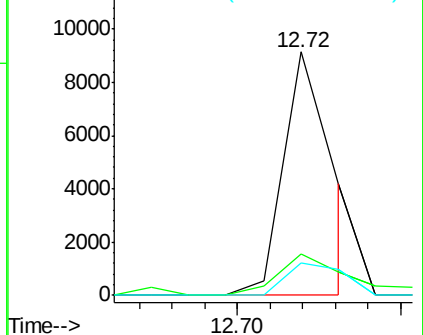
183 13.5 9.8 14.8



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: 56.74 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085000.D

Acq: 10 Feb 2016 18:36

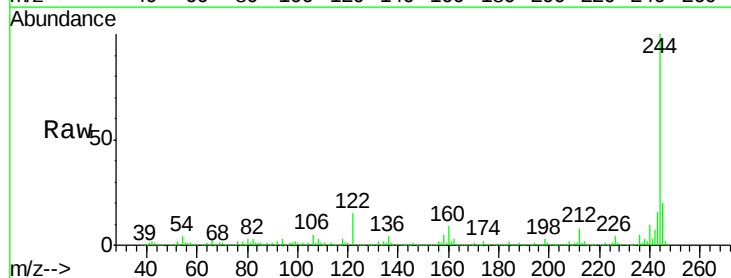
Tgt Ion:244 Resp: 687579

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

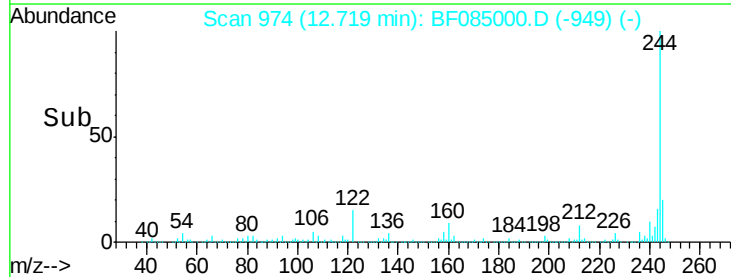
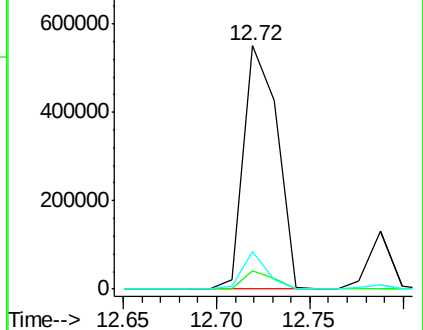
122 15.3 7.4 11.0#

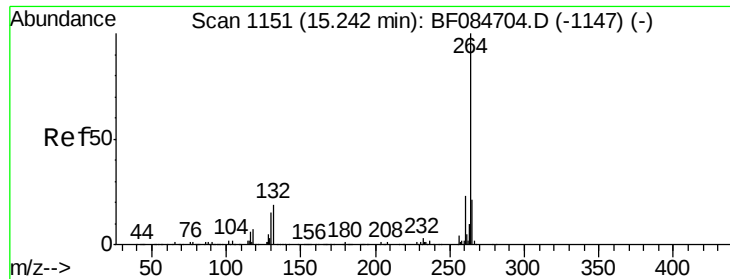


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

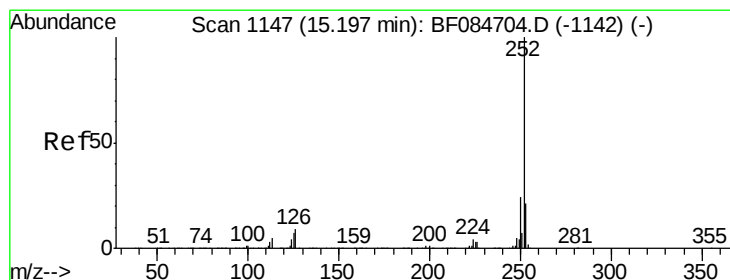
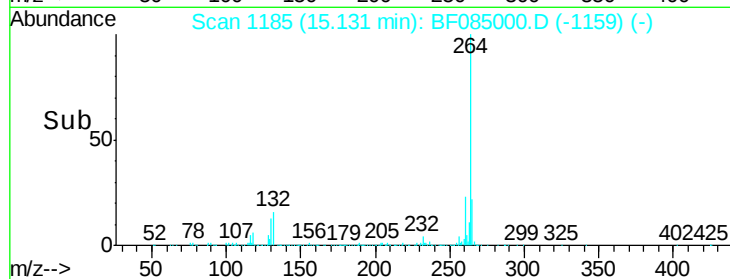
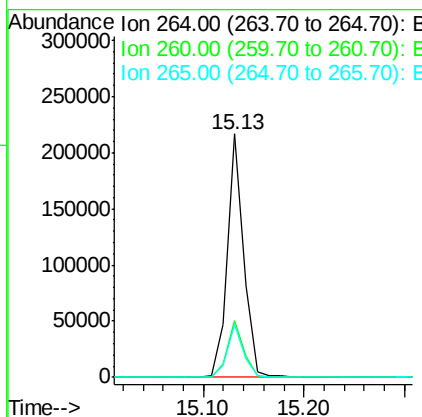
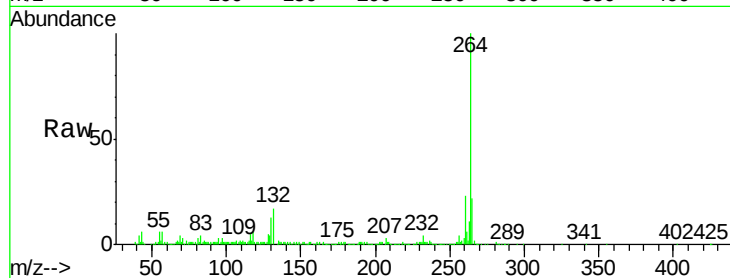




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF085000.D
Acq: 10 Feb 2016 18:36

Instrument :
BNA_F
ClientSampleId :
S4-B018(22-24)

Tgt Ion:264 Resp: 244798
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.7 17.8 26.6



#89
Benzo(a)pyrene
Concen: 10.32 ng
RT: 15.15 min Scan# 1187
Delta R.T. 0.08 min
Lab File: BF085000.D
Acq: 10 Feb 2016 18:36

Tgt Ion:252 Resp: 144633
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 20.8 7.0 10.4#

