

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085063.D
 Acq On : 13 Feb 2016 2:38
 Operator : SJ/IZ
 Sample : H1396-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)

Quant Time: Feb 13 03:55:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

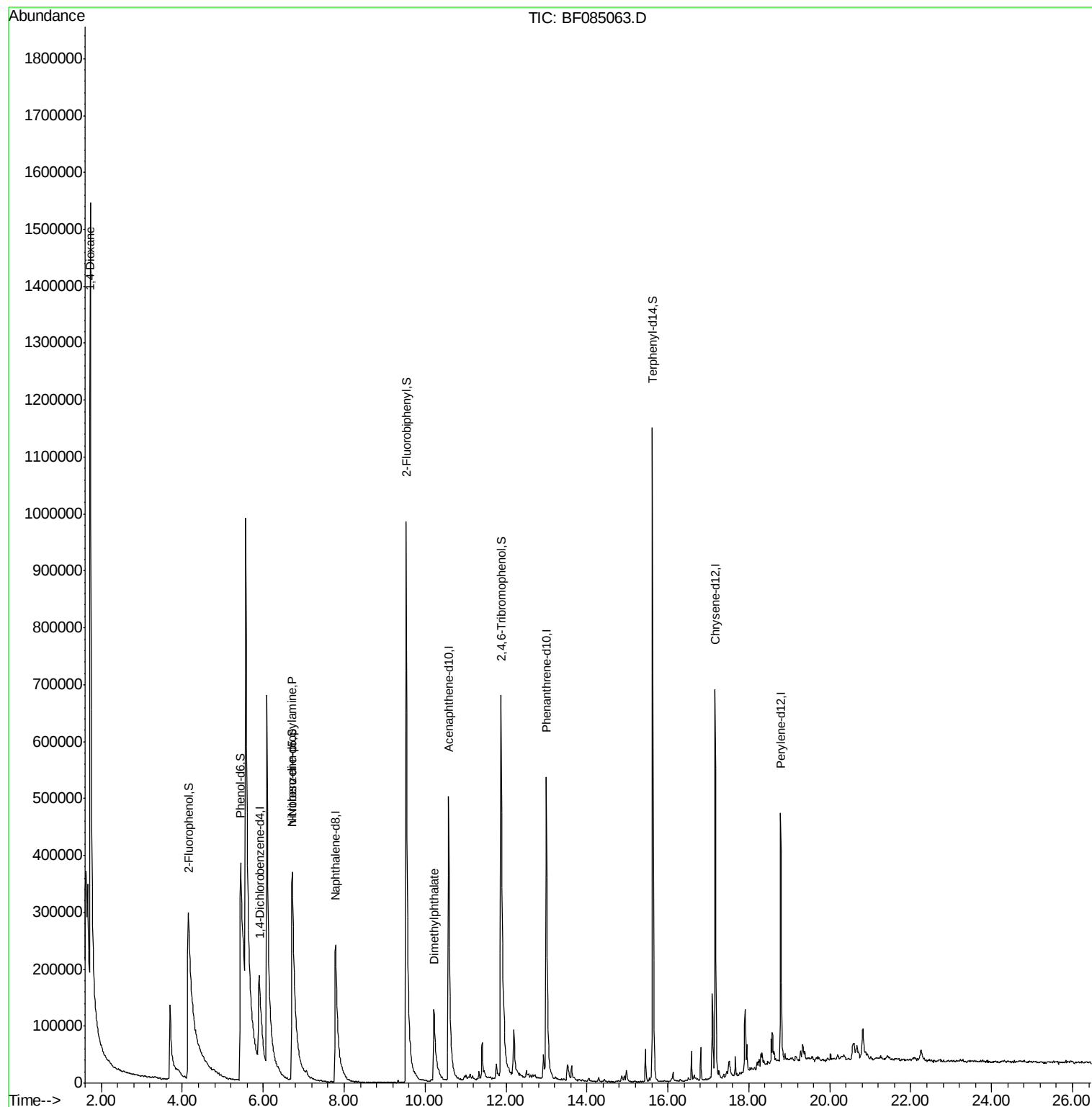
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	137821	20.00	ng	0.02
21) Naphthalene-d8	7.79	136	617325	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	296458	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	545245	20.00	ng	0.00
75) Chrysene-d12	17.17	240	396578	20.00	ng	-0.01
86) Perylene-d12	18.79	264	282621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.16	112	722984	91.73	ng	0.00
7) Phenol-d6	5.44	99	1077249	102.55	ng	0.00
23) Nitrobenzene-d5	6.72	82	706001	67.53	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	287926	94.03	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1003954	48.41	ng	0.00
78) Terphenyl-d14	15.62	244	696094	36.13	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.72	88	88320	27.20	ng	# 15
11) bis(2-Chloroethyl)ether	5.58	93	553	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	6.72	70	65800	9.94	ng	# 79
49) Dimethylphthalate	10.22	163	252134	11.34	ng	98

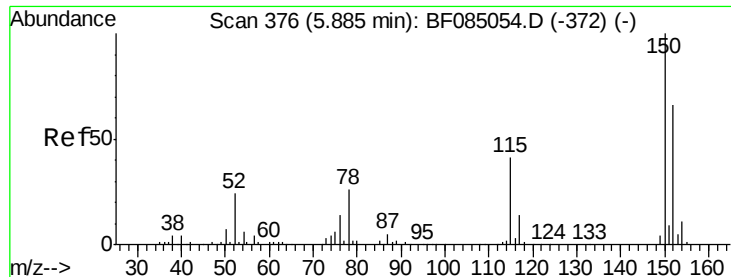
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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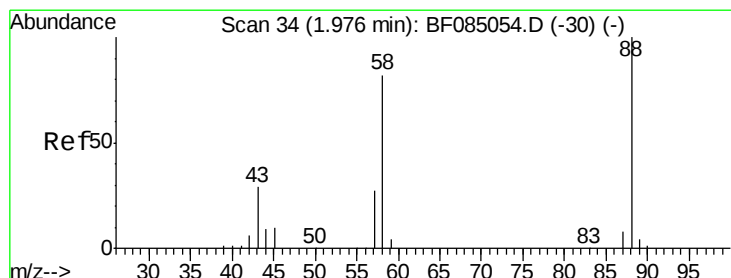
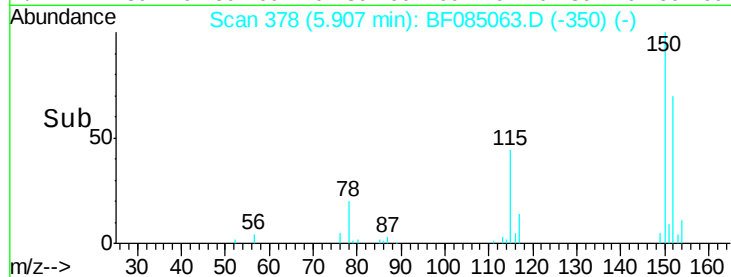
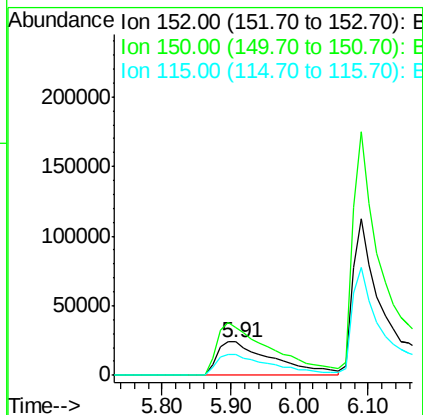
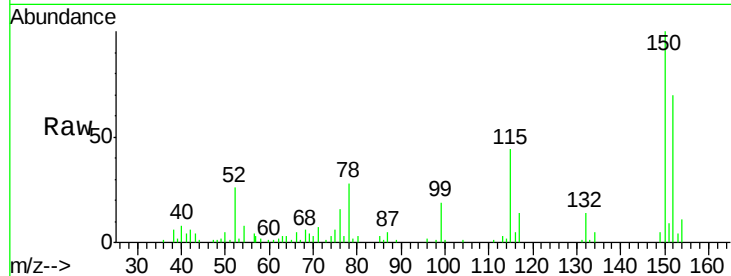


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.91 min Scan# 378
Delta R.T. 0.02 min
Lab File: BF085063.D
Acq: 13 Feb 2016 2:38

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)

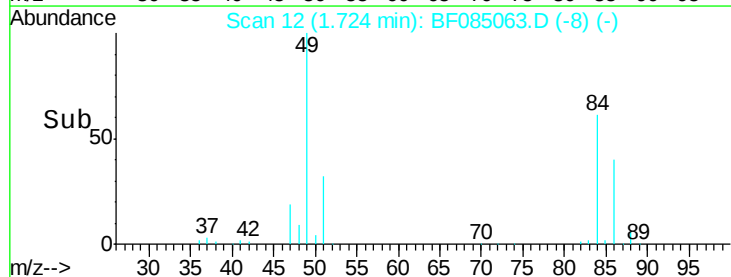
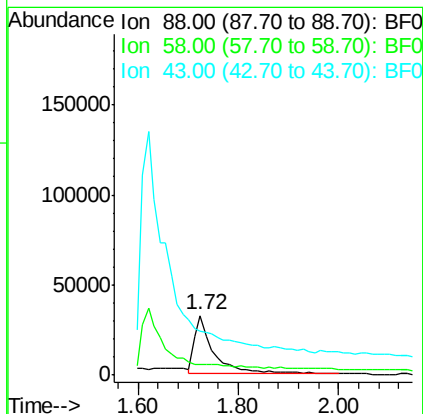
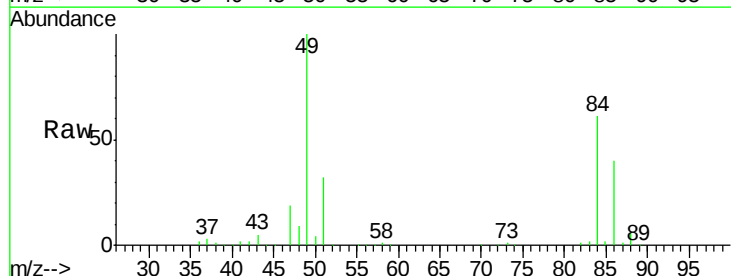
Tgt Ion: 152 Resp: 137821
Ion Ratio Lower Upper
152 100
150 143.8 127.4 191.2
115 63.9 50.5 75.7

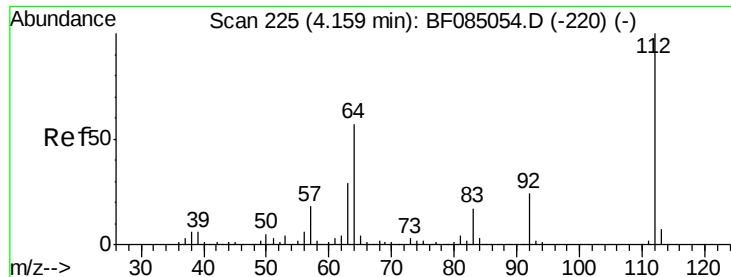


#2

1,4-Dioxane
Concen: 27.20 ng
RT: 1.72 min Scan# 12
Delta R.T. -0.25 min
Lab File: BF085063.D
Acq: 13 Feb 2016 2:38

Tgt Ion: 88 Resp: 88320
Ion Ratio Lower Upper
88 100
58 0.0 70.9 106.3#
43 0.0 25.9 38.9#

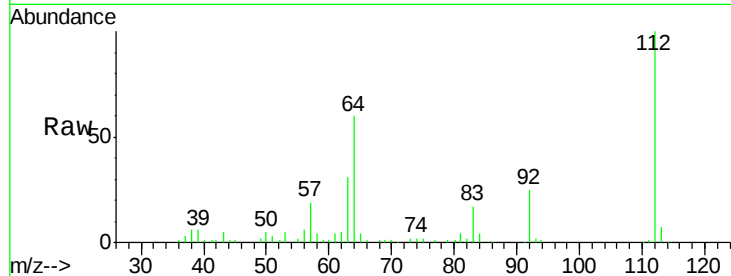




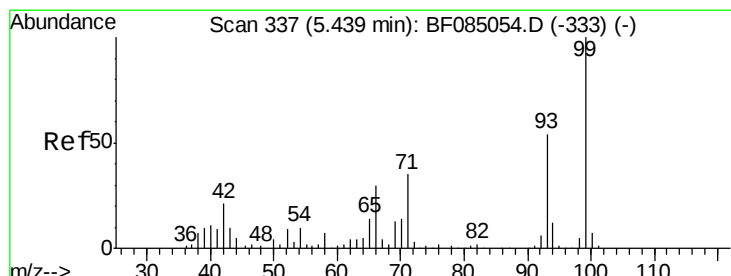
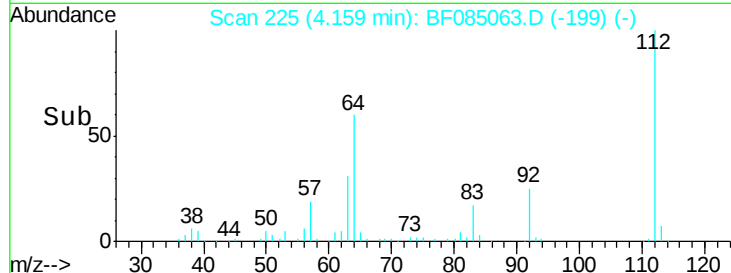
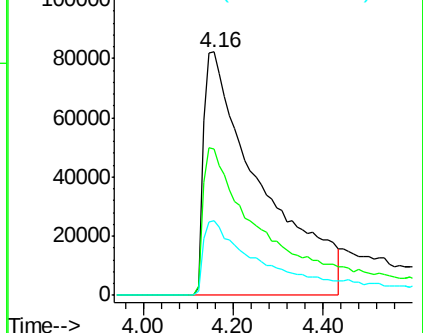
#5
 2-Fluorophenol
 Concen: 91.73 ng
 RT: 4.16 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BF085063.D
 Acq: 13 Feb 2016 2:38

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)

Tgt Ion: 112 Resp: 722984
 Ion Ratio Lower Upper
 112 100
 64 60.4 45.4 68.2
 63 30.8 23.2 34.8

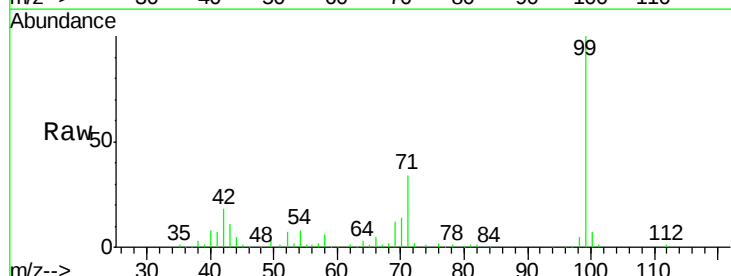


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

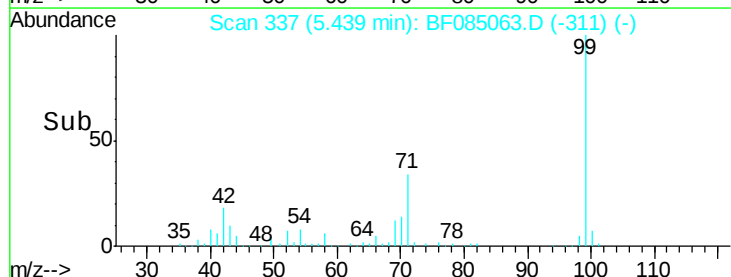
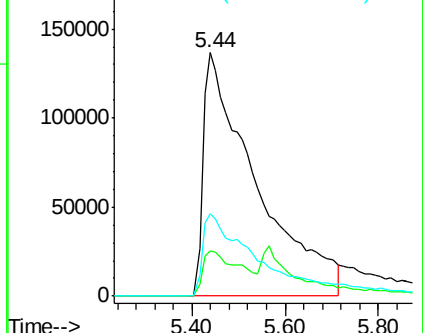


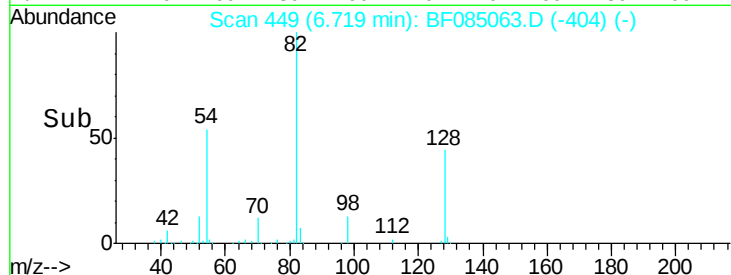
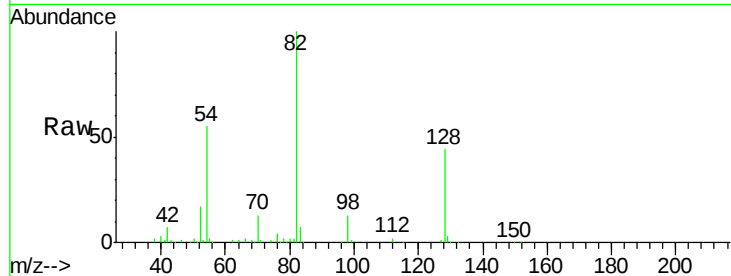
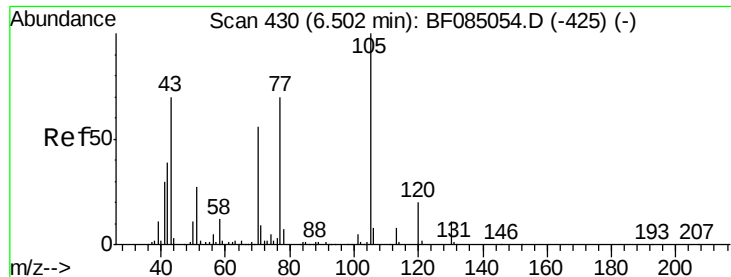
#7
 Phenol-d6
 Concen: 102.55 ng
 RT: 5.44 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: BF085063.D
 Acq: 13 Feb 2016 2:38

Tgt Ion: 99 Resp: 1077249
 Ion Ratio Lower Upper
 99 100
 42 18.4 17.0 25.4
 71 33.7 28.3 42.5



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

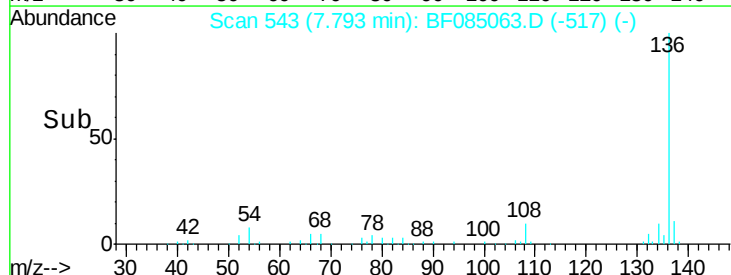
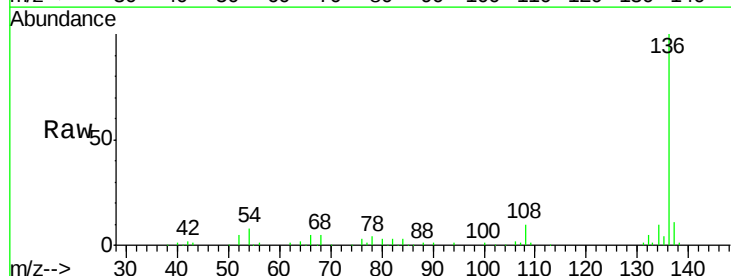
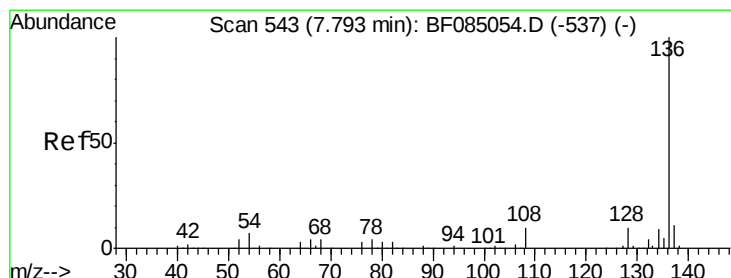
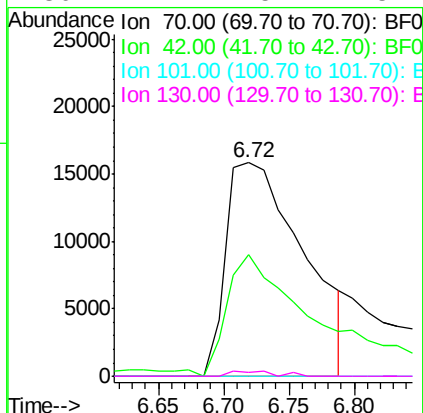




#19
n-Nitroso-di-n-propylamine
Concen: 9.94 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.22 min
Lab File: BF085063.D
Acq: 13 Feb 2016 2:38

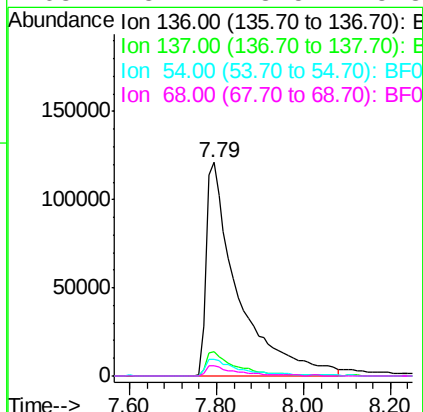
Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)

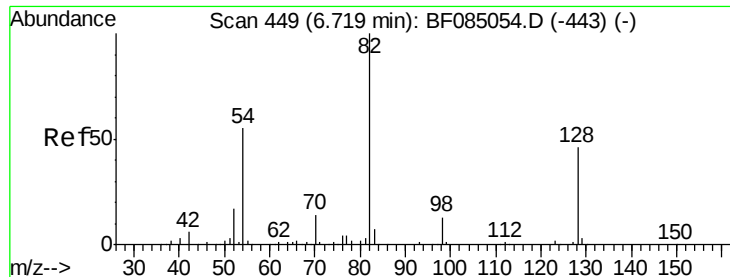
Tgt Ion: 70 Resp: 65800
Ion Ratio Lower Upper
70 100
42 57.2 55.8 83.6
101 0.0 7.7 11.5#
130 2.1 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF085063.D
Acq: 13 Feb 2016 2:38

Tgt Ion: 136 Resp: 617325
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.9 6.1 9.1
68 5.1 3.5 5.3





#23

Nitrobenzene-d5

Concen: 67.53 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF085063.D

Acq: 13 Feb 2016 2:38

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)

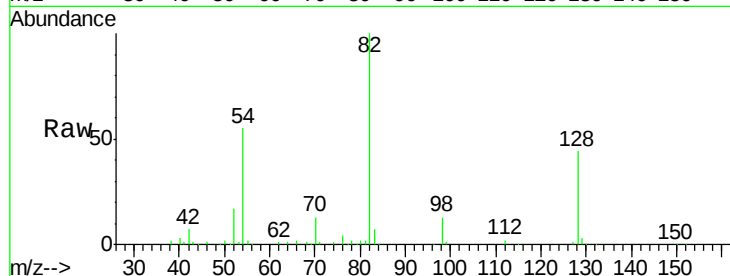
Tgt Ion: 82 Resp: 706001

Ion Ratio Lower Upper

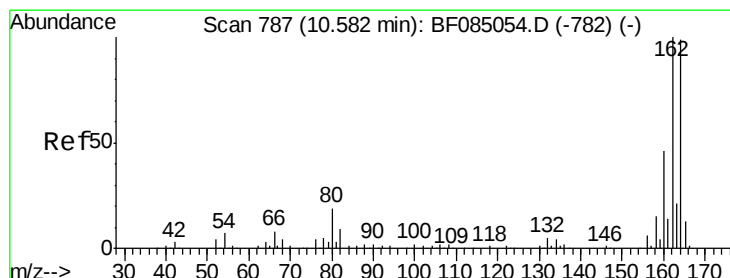
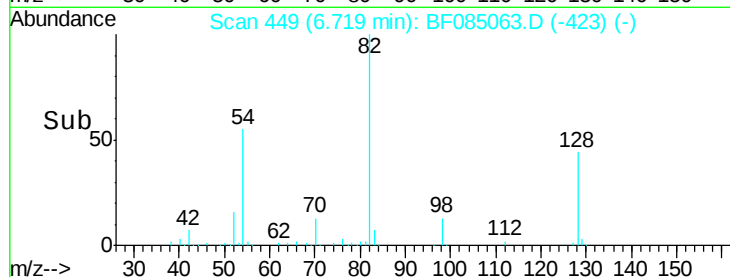
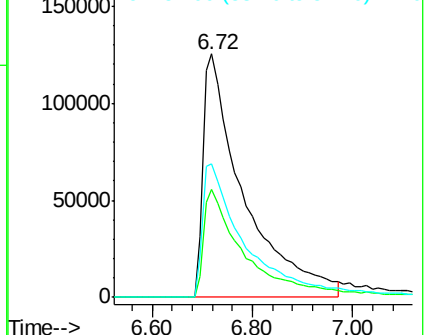
82 100

128 44.2 36.8 55.2

54 55.0 44.4 66.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF085063.D

Acq: 13 Feb 2016 2:38

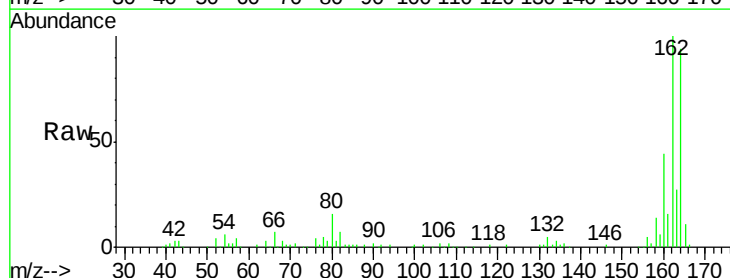
Tgt Ion: 164 Resp: 296458

Ion Ratio Lower Upper

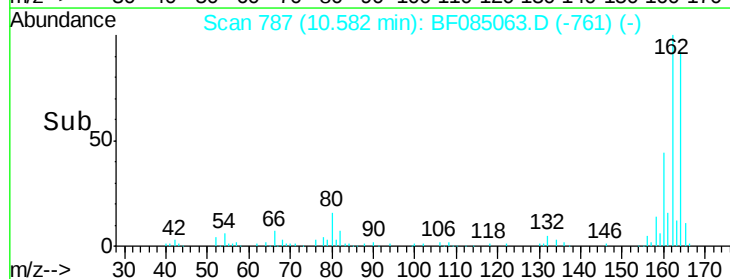
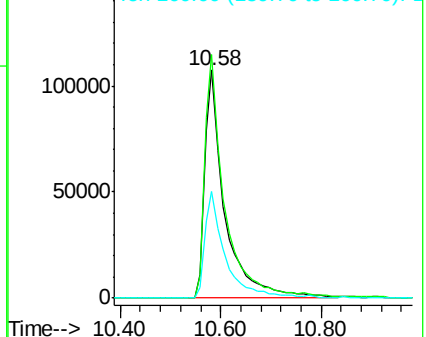
164 100

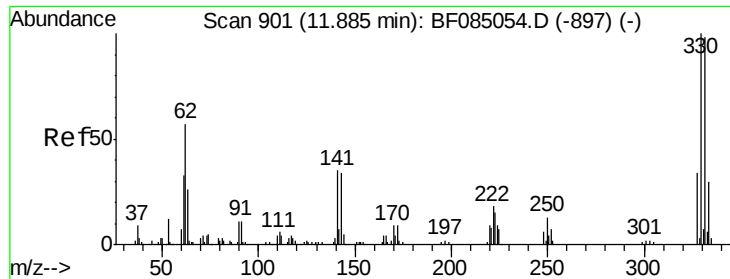
162 106.8 81.1 121.7

160 47.0 37.4 56.0



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

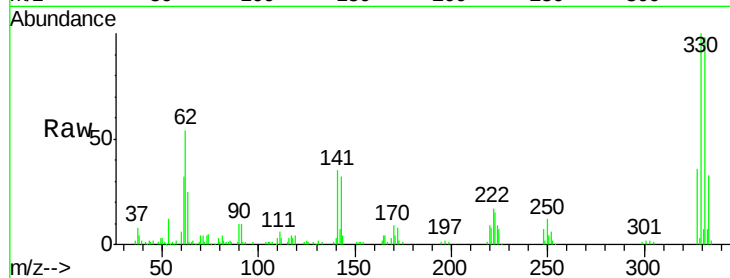




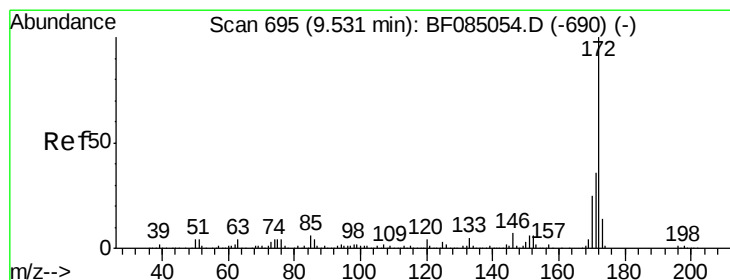
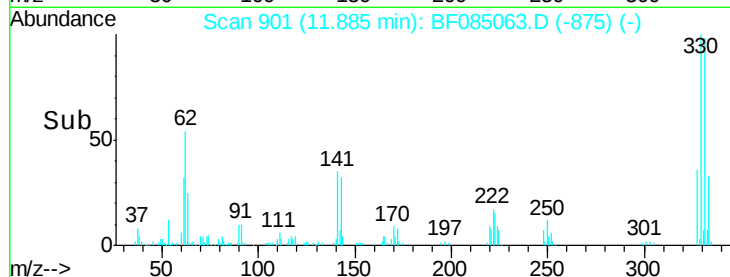
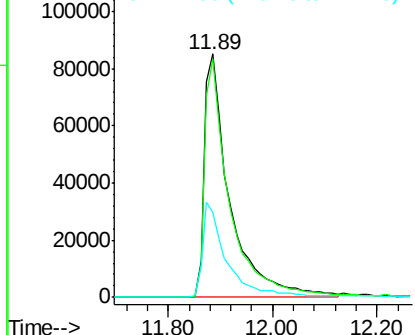
#41
 2,4,6-Tribromophenol
 Concen: 94.03 ng
 RT: 11.89 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF085063.D
 Acq: 13 Feb 2016 2:38

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)

Tgt Ion:330 Resp: 287926
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.5 117.7
 141 37.0 28.6 42.8

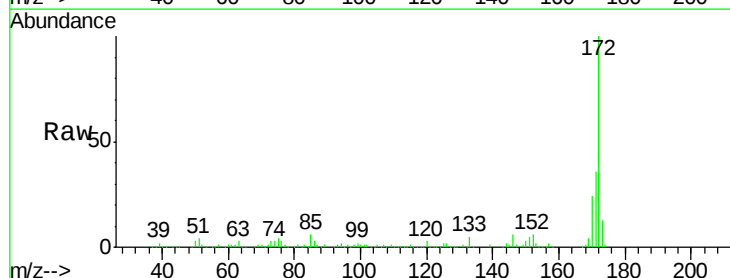


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

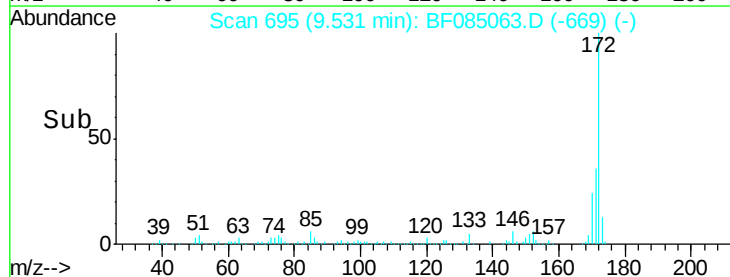
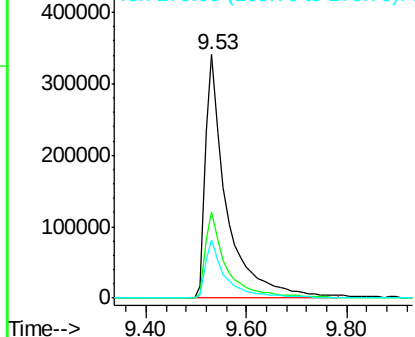


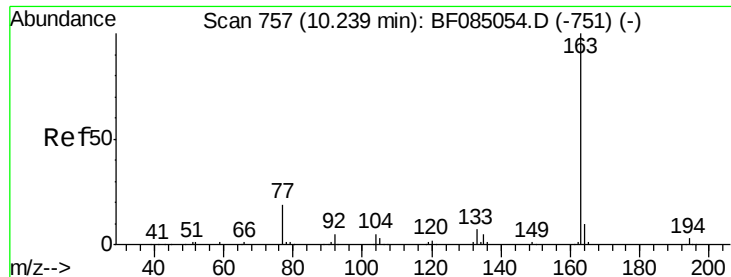
#44
 2-Fluorobiphenyl
 Concen: 48.41 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085063.D
 Acq: 13 Feb 2016 2:38

Tgt Ion:172 Resp: 1003954
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.1 43.7
 170 23.6 19.6 29.4



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

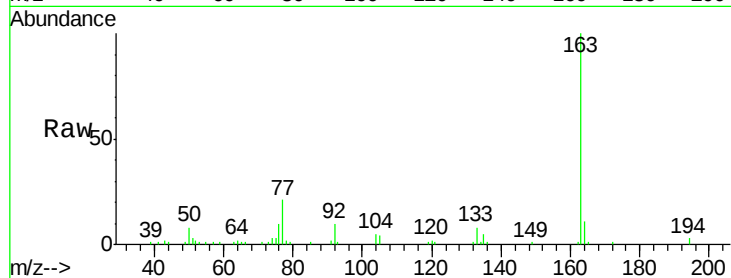




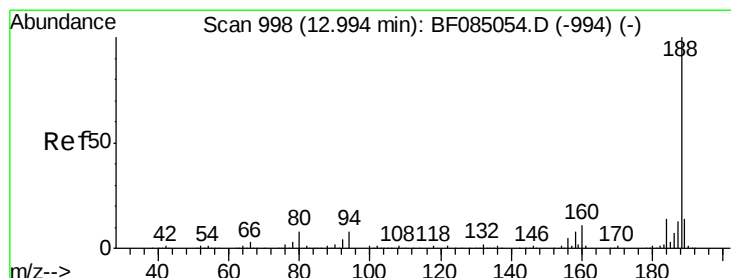
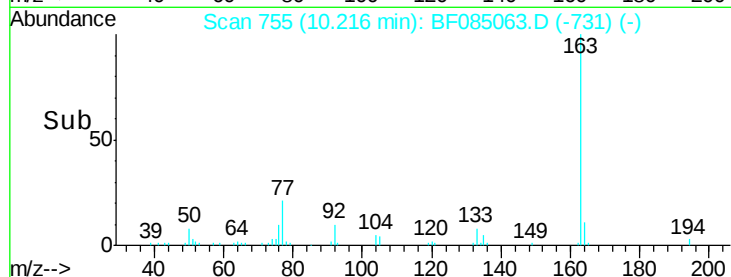
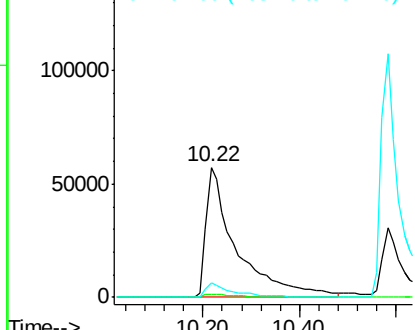
#49
Dimethylphthalate
Concen: 11.34 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF085063.D
Acq: 13 Feb 2016 2:38

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)

Tgt Ion:163 Resp: 252134
Ion Ratio Lower Upper
163 100
194 2.5 2.5 3.7
164 10.7 7.8 11.8

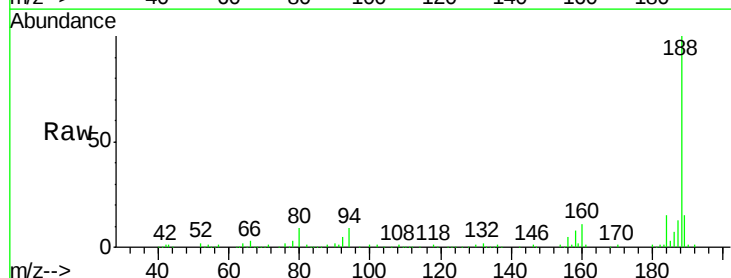


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

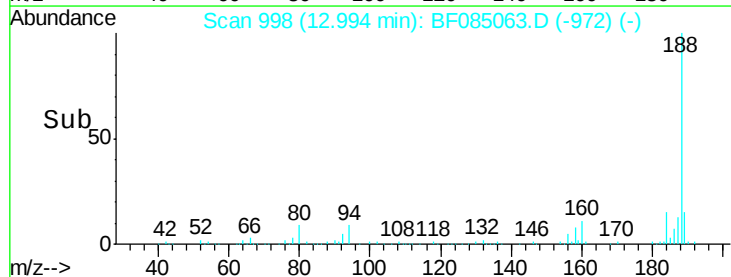
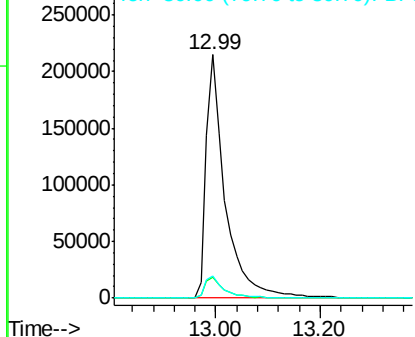


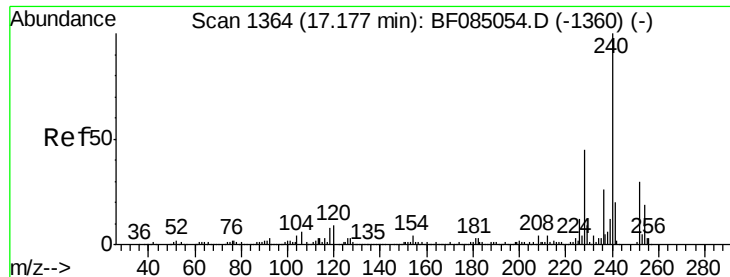
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF085063.D
Acq: 13 Feb 2016 2:38

Tgt Ion:188 Resp: 545245
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.0 6.6 9.8



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: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF085063.D

Acq: 13 Feb 2016 2:38

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)

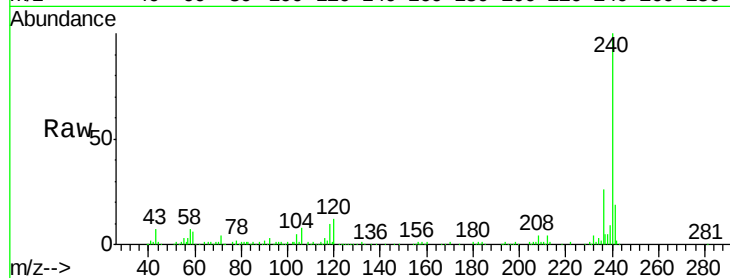
Tgt Ion:240 Resp: 396578

Ion Ratio Lower Upper

240 100

120 11.6 7.0 10.6#

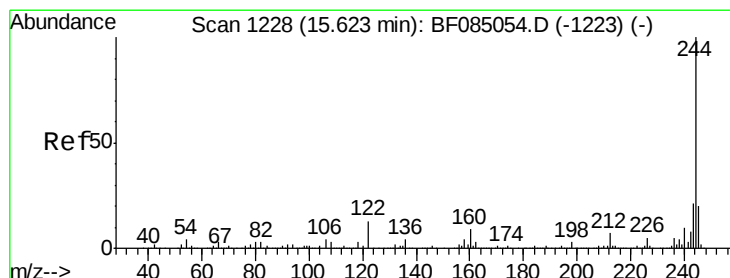
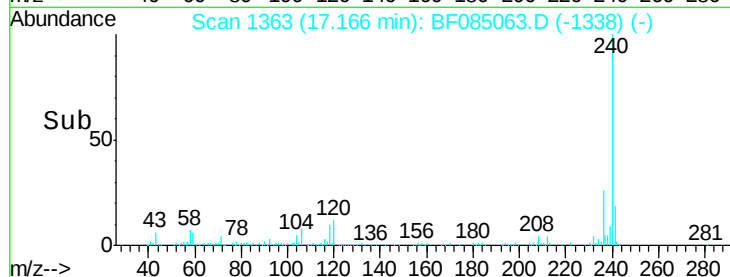
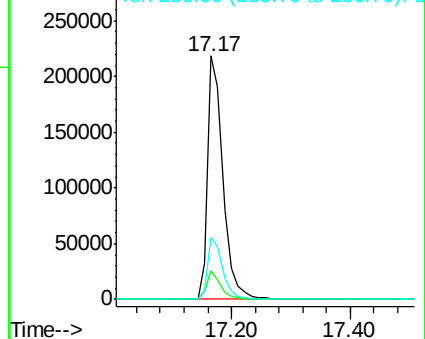
236 25.6 20.5 30.7



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: 36.13 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085063.D

Acq: 13 Feb 2016 2:38

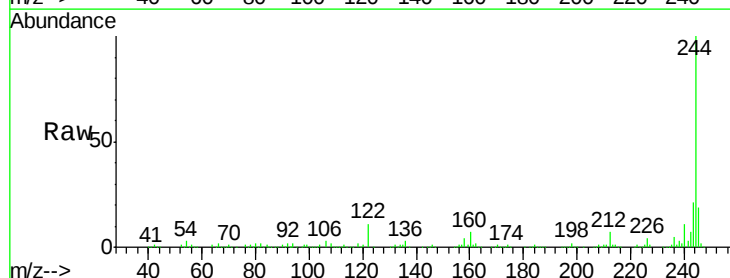
Tgt Ion:244 Resp: 696094

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

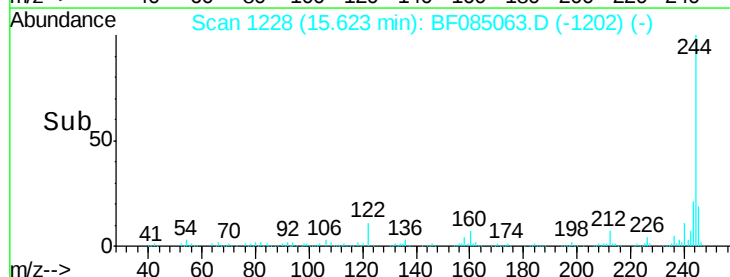
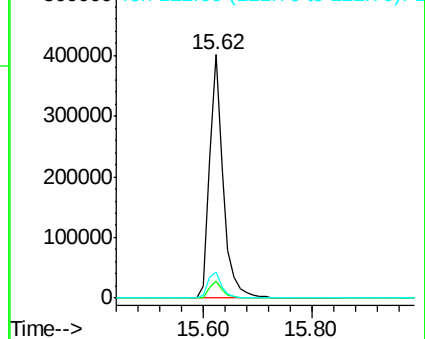
122 10.7 10.1 15.1

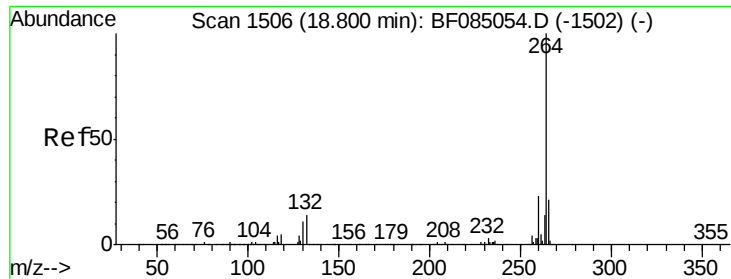


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.79 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF085063.D
Acq: 13 Feb 2016 2:38

Instrument :
BNA_F
ClientSampleId :
S4-B003(10-12)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.5	16.7	25.1

