

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084857.D
 Acq On : 5 Feb 2016 14:04
 Operator : SJ/IZ
 Sample : H1329-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B006(17-19)

Quant Time: Feb 05 22:17:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

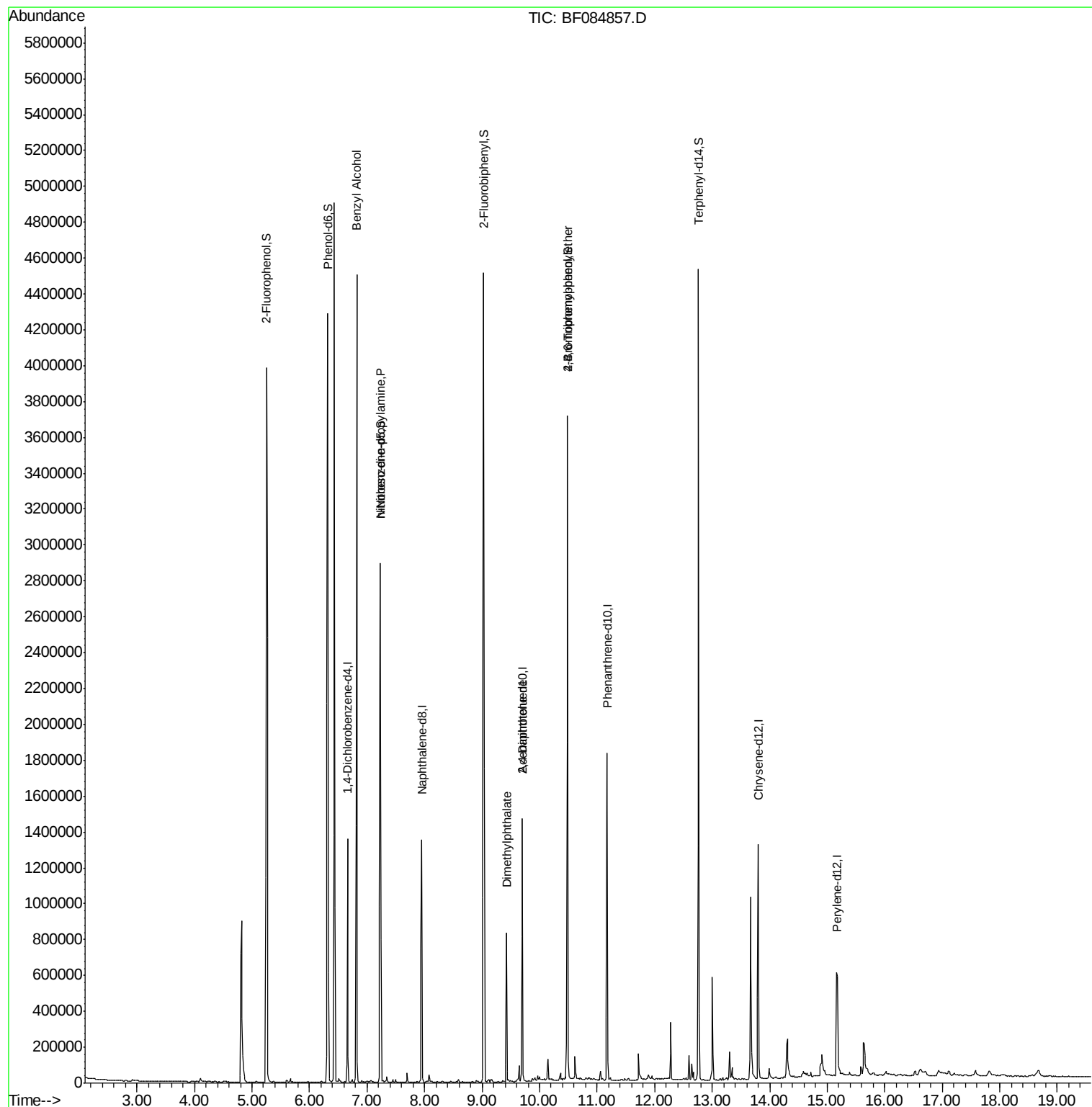
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177740	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	737872	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	344964	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	627343	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	471608	20.00	ng	-0.03
86) Perylene-d12	15.17	264	324484	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1531273	134.19	ng	-0.02
7) Phenol-d6	6.32	99	1686169	119.19	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1081644	82.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	480301	133.48	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1688459	81.18	ng	-0.03
78) Terphenyl-d14	12.76	244	1365263	65.60	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	21513	2.20	ng	# 44
19) n-Nitroso-di-n-propylamine	7.23	70	147202	16.60	ng	# 70
49) Dimethylphthalate	9.42	163	295679	11.25	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	44110	6.03	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	32375	4.67	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084857.D
Acq On : 5 Feb 2016 14:04
Operator : SJ/IZ
Sample : H1329-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B006(17-19)

Quant Time: Feb 05 22:17:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084857.D

Acq: 5 Feb 2016 14:04

Instrument :

BNA_F

ClientSampleId :

S4-B006(17-19)

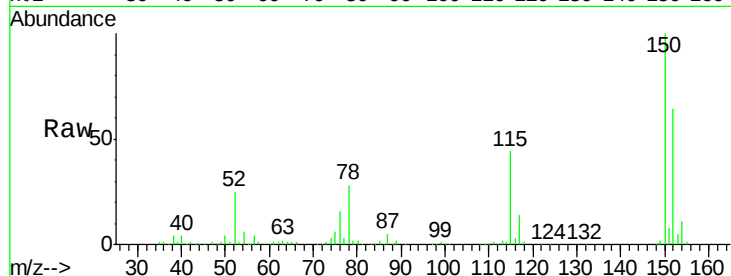
Tgt Ion:152 Resp: 177740

Ion Ratio Lower Upper

152 100

150 155.2 123.0 184.4

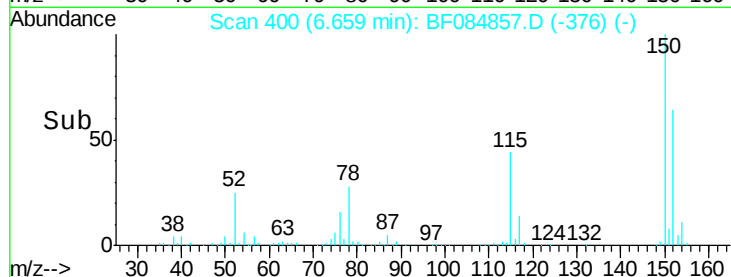
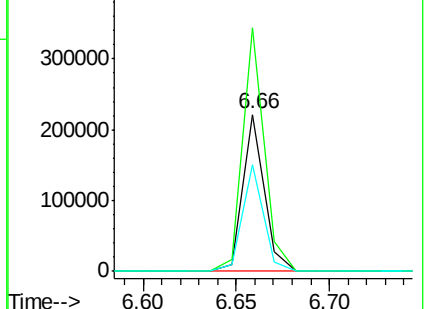
115 67.6 51.4 77.2



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: 134.19 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084857.D

Acq: 5 Feb 2016 14:04

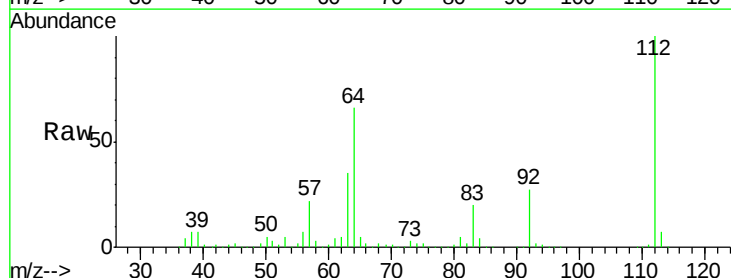
Tgt Ion:112 Resp: 1531273

Ion Ratio Lower Upper

112 100

64 66.2 36.6 55.0#

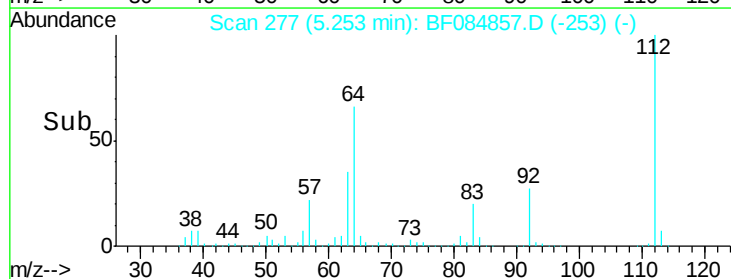
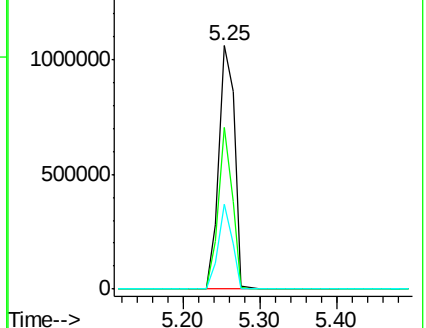
63 34.8 19.4 29.0#



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: 119.19 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084857.D

Acq: 5 Feb 2016 14:04

Instrument :

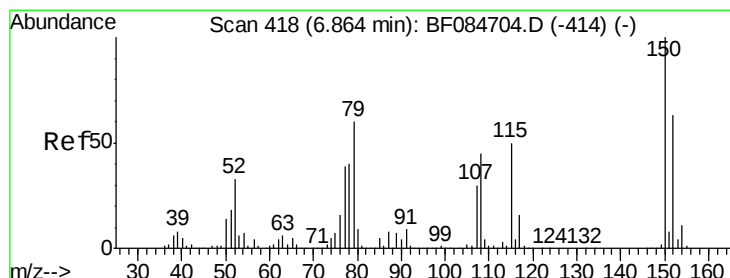
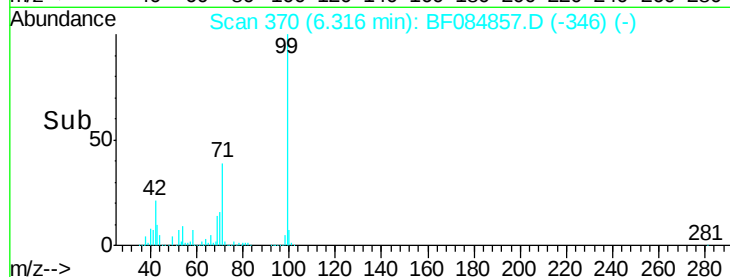
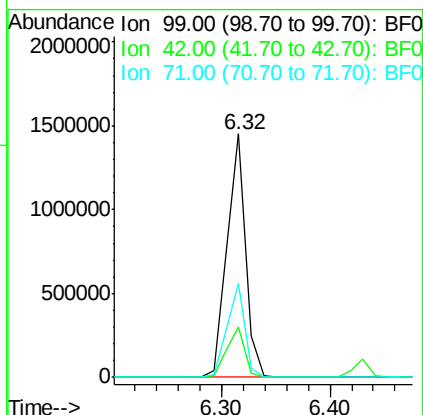
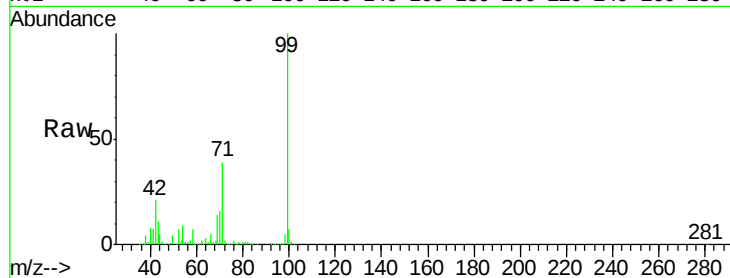
BNA_F

ClientSampleId :

S4-B006(17-19)

Tgt Ion: 99 Resp: 1686169

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	38.7	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.82 min Scan# 414

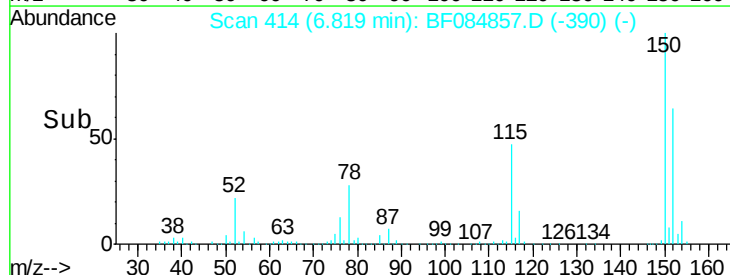
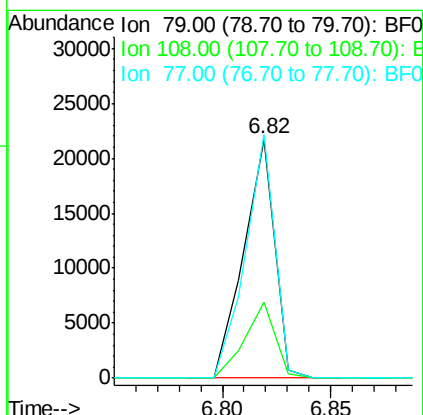
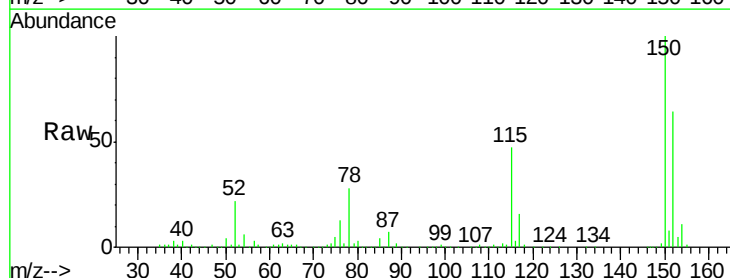
Delta R.T. -0.02 min

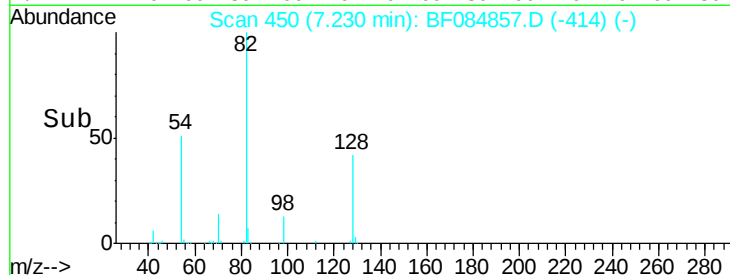
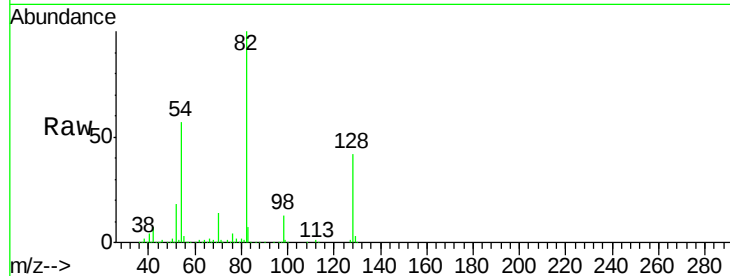
Lab File: BF084857.D

Acq: 5 Feb 2016 14:04

Tgt Ion: 79 Resp: 21513

Ion	Ratio	Lower	Upper
79	100		
108	32.0	69.0	103.4#
77	102.0	50.0	75.0#

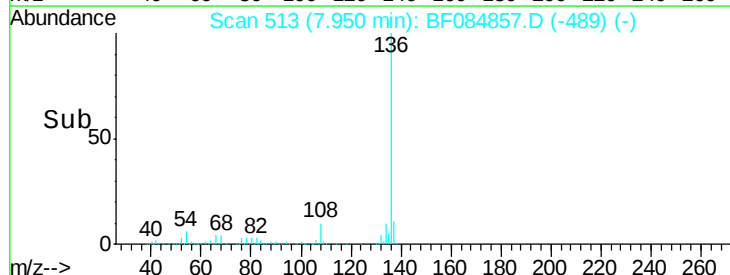
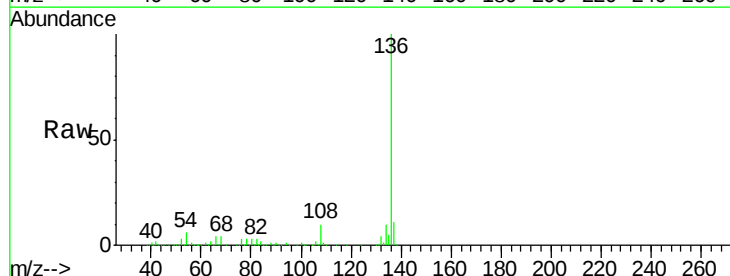
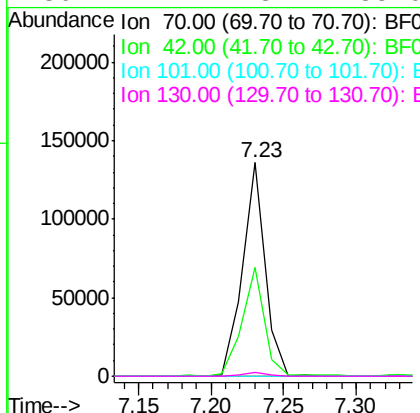




#19
n-Nitroso-di-n-propylamine
Concen: 16.60 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084857.D
Acq: 5 Feb 2016 14:04

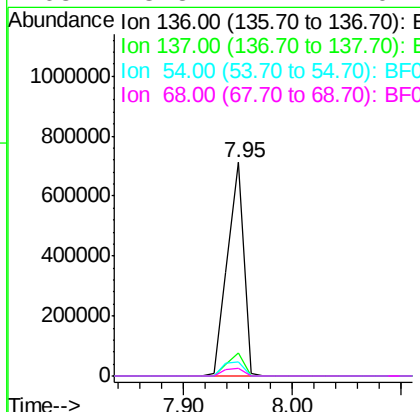
Instrument :
BNA_F
ClientSampleId :
S4-B006(17-19)

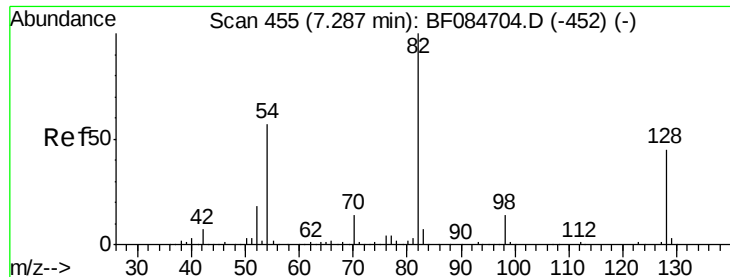
Tgt Ion: 70 Resp: 147202
Ion Ratio Lower Upper
70 100
42 51.0 33.3 49.9#
101 0.0 9.3 13.9#
130 2.1 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084857.D
Acq: 5 Feb 2016 14:04

Tgt Ion: 136 Resp: 737872
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.5 5.8 8.8
68 3.8 4.2 6.2#

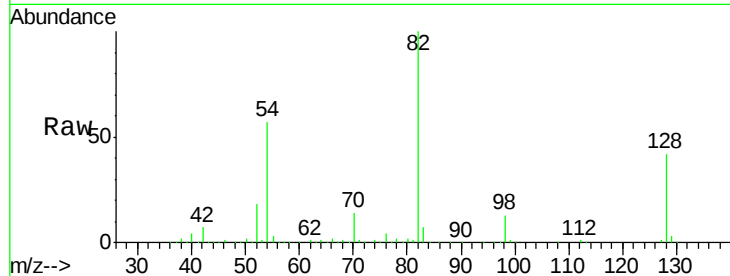




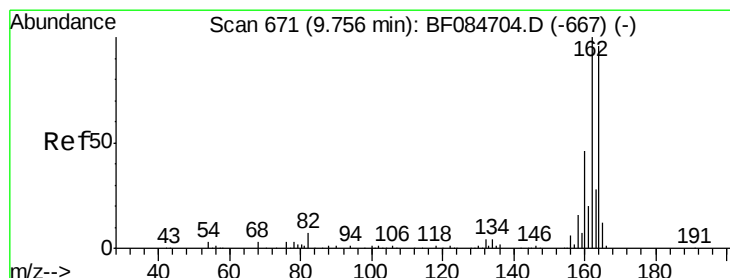
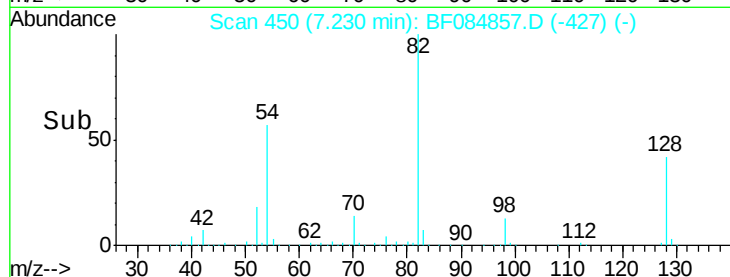
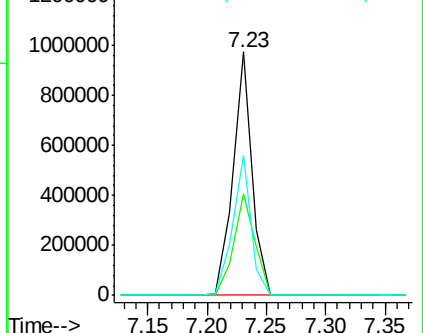
#23
 Nitrobenzene-d5
 Concen: 82.58 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084857.D
 Acq: 5 Feb 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 S4-B006(17-19)

Tgt Ion: 82 Resp: 1081644
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 51.8
 54 57.3 38.4 57.6

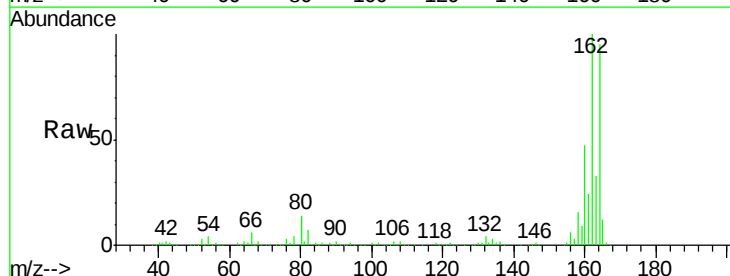


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

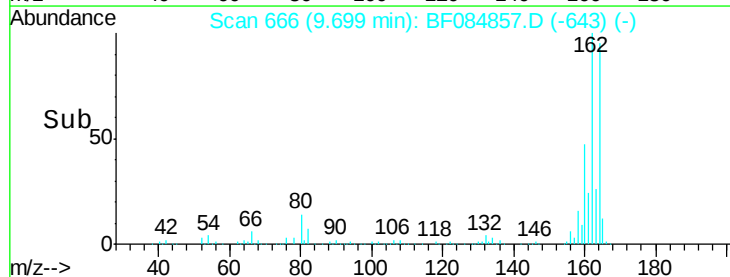
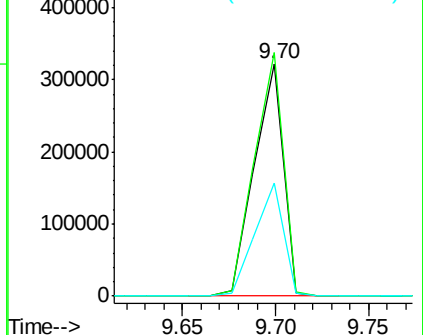


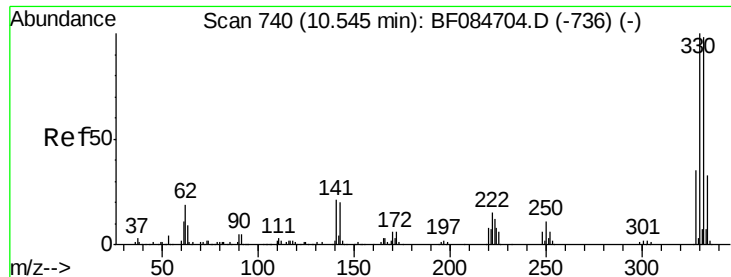
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084857.D
 Acq: 5 Feb 2016 14:04

Tgt Ion: 164 Resp: 344964
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.1 127.7
 160 48.9 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

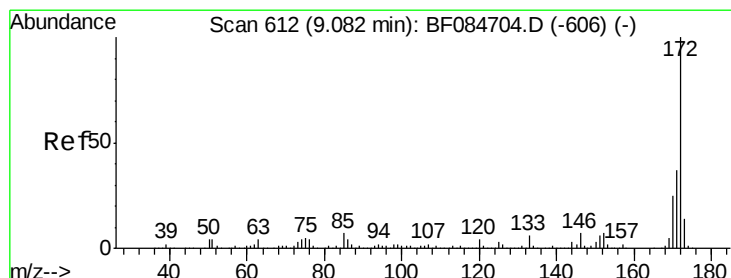
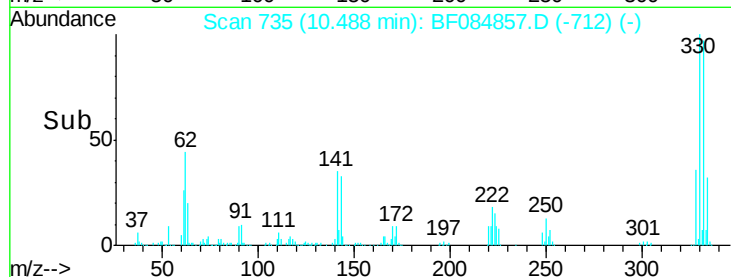
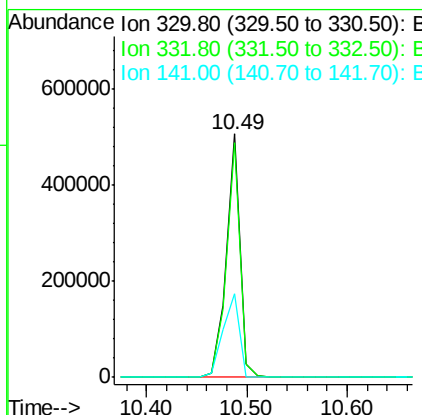
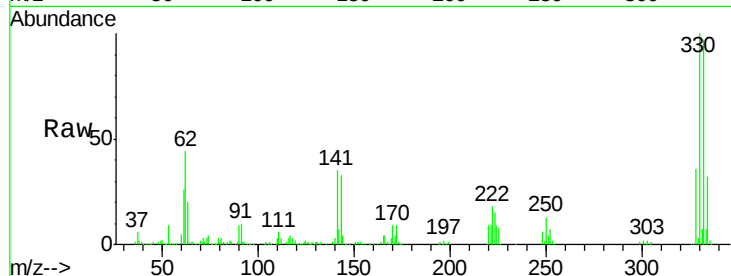




#41
 2,4,6-Tribromophenol
 Concen: 133.48 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084857.D
 Acq: 5 Feb 2016 14:04

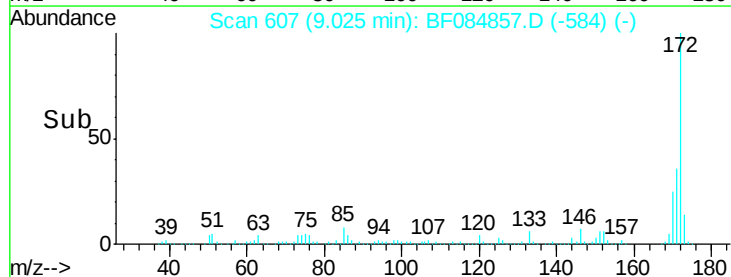
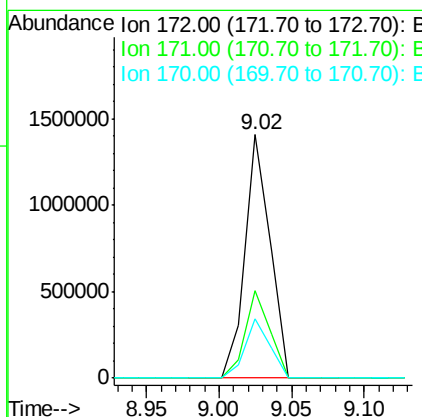
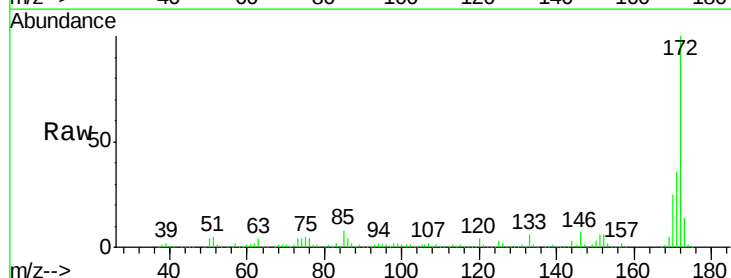
Instrument :
 BNA_F
 ClientSampleId :
 S4-B006(17-19)

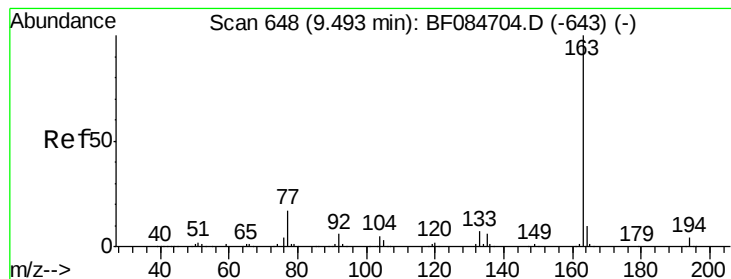
Tgt Ion:330 Resp: 480301
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 41.2 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 81.18 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084857.D
 Acq: 5 Feb 2016 14:04

Tgt Ion:172 Resp: 1688459
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.6 18.6 27.8





#49

Dimethylphthalate

Concen: 11.25 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084857.D

Acq: 5 Feb 2016 14:04

Instrument :

BNA_F

ClientSampleId :

S4-B006(17-19)

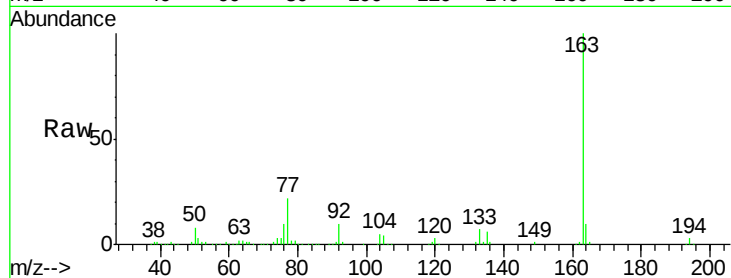
Tgt Ion:163 Resp: 295679

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

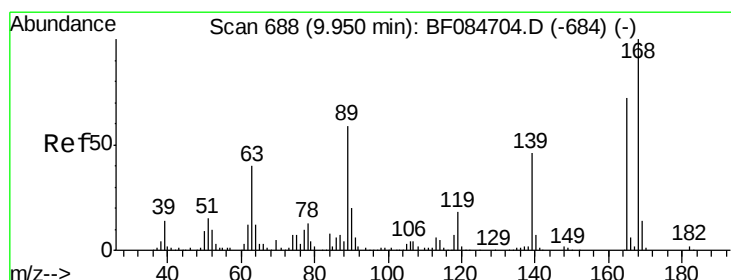
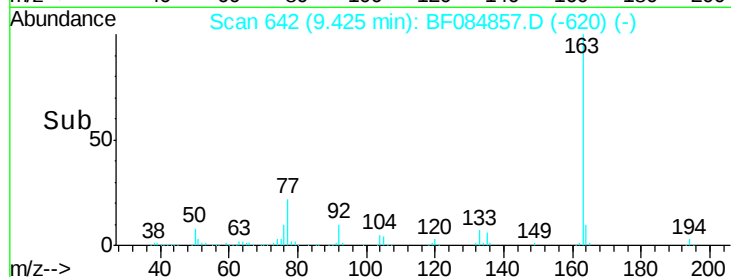
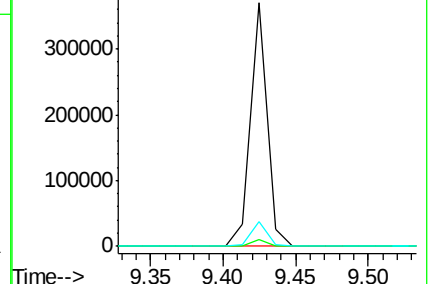
164 10.1 8.0 12.0



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: 6.03 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.23 min

Lab File: BF084857.D

Acq: 5 Feb 2016 14:04

Tgt Ion:165 Resp: 44110

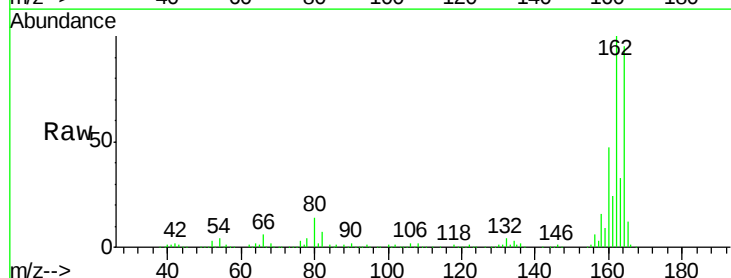
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.7 61.9 92.9#

182 0.0 2.0 3.0#

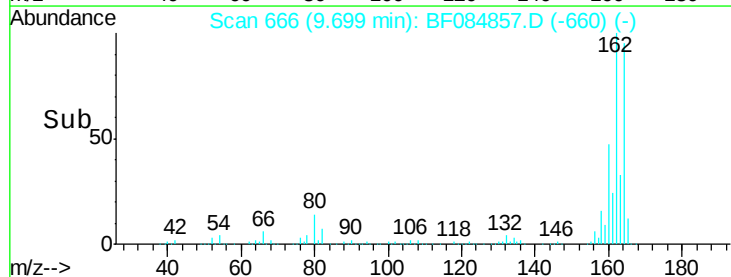
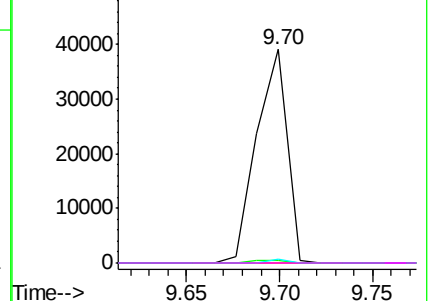


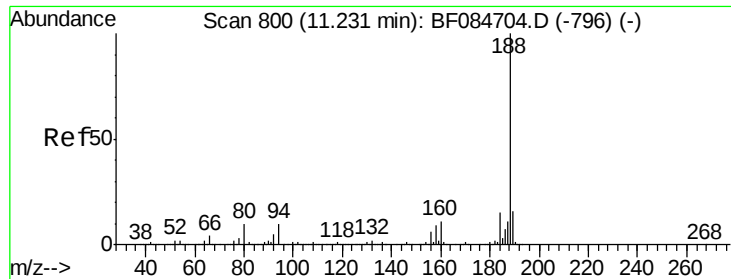
Abundance Ion 165.00 (164.70 to 165.70): E

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

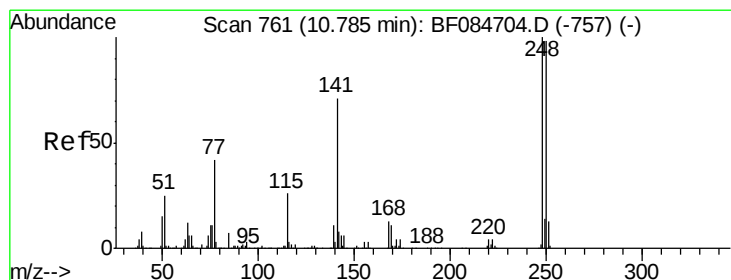
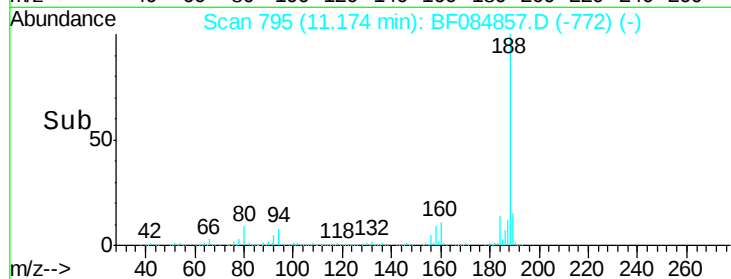
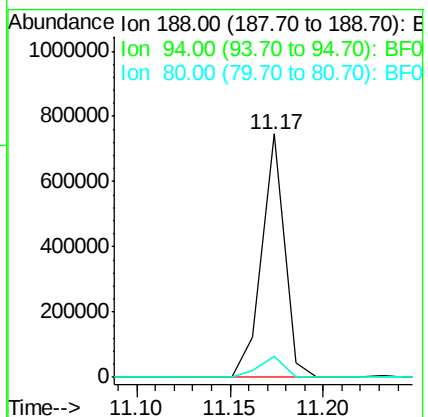
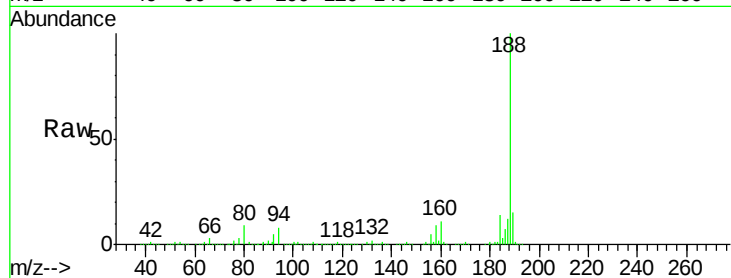




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084857.D
Acq: 5 Feb 2016 14:04

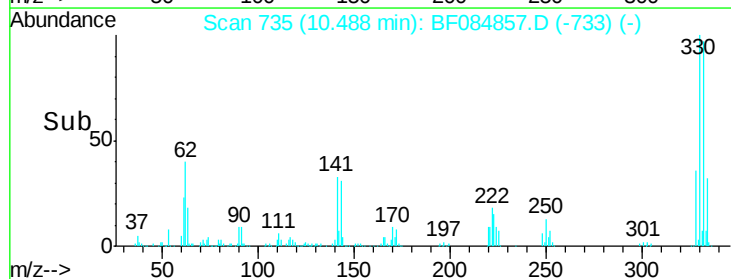
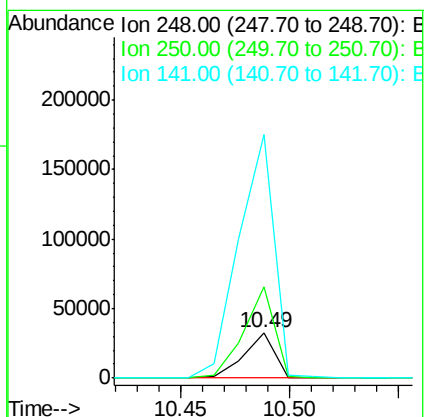
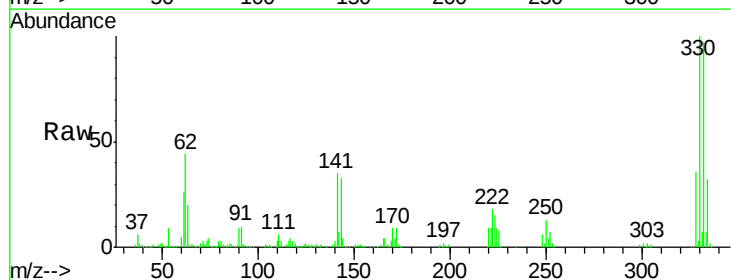
Instrument :
BNA_F
ClientSampleId :
S4-B006(17-19)

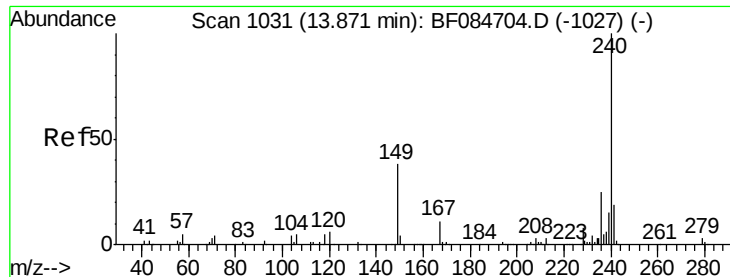
Tgt Ion:188 Resp: 627343
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.4#
80 8.8 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084857.D
Acq: 5 Feb 2016 14:04

Tgt Ion:248 Resp: 32375
Ion Ratio Lower Upper
248 100
250 199.7 78.4 117.6#
141 532.0 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084857.D

Acq: 5 Feb 2016 14:04

Instrument :

BNA_F

ClientSampleId :

S4-B006(17-19)

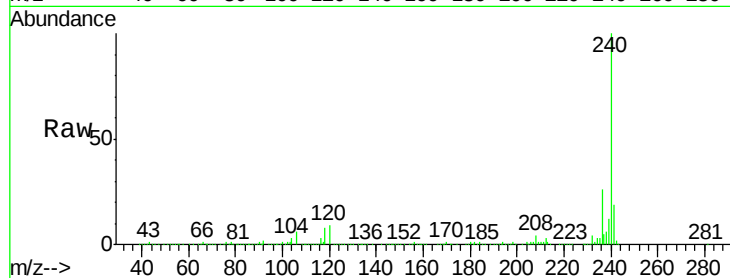
Tgt Ion:240 Resp: 471608

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

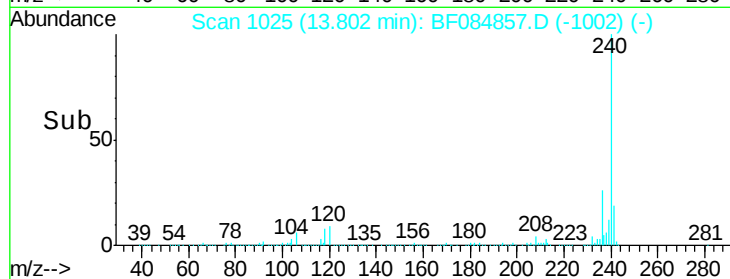
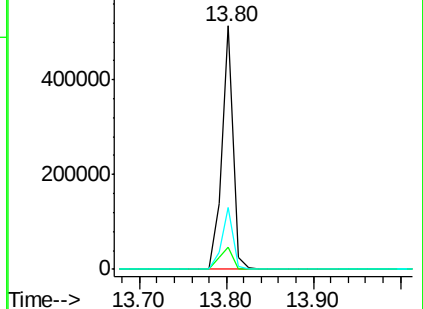
236 25.6 20.6 31.0



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



#78

Terphenyl-d14

Concen: 65.60 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084857.D

Acq: 5 Feb 2016 14:04

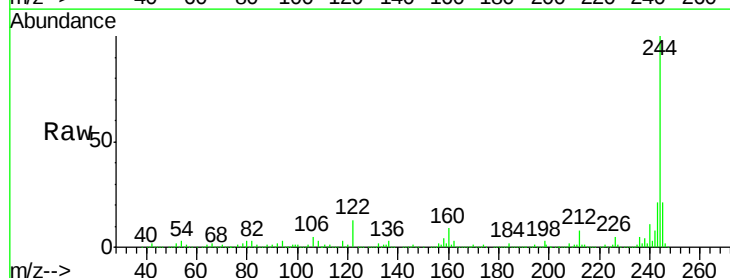
Tgt Ion:244 Resp: 1365263

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

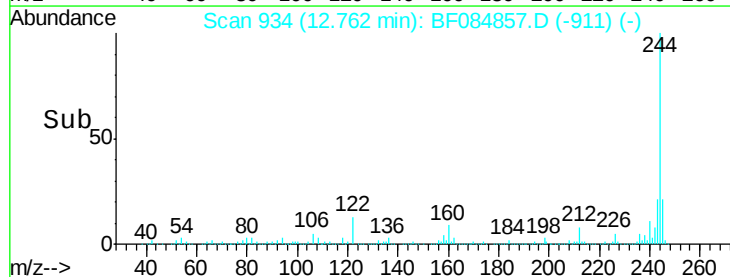
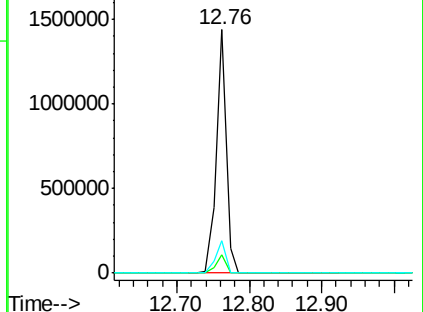
122 13.1 7.4 11.0#

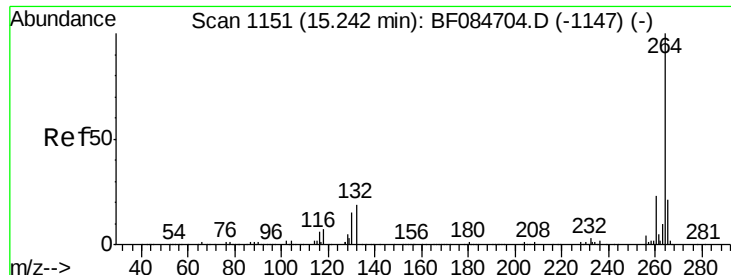


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084857.D
Acq: 5 Feb 2016 14:04

Instrument :
BNA_F
ClientSampleId :
S4-B006(17-19)

Tgt Ion: 264 Resp: 324484
Ion Ratio Lower Upper
264 100
260 22.4 19.4 29.2
265 21.3 17.8 26.6

