

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080351.D
 Acq On : 6 Jul 2015 18:22
 Operator : TP/IZ
 Sample : PB84363BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BL

Quant Time: Jul 07 03:54:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

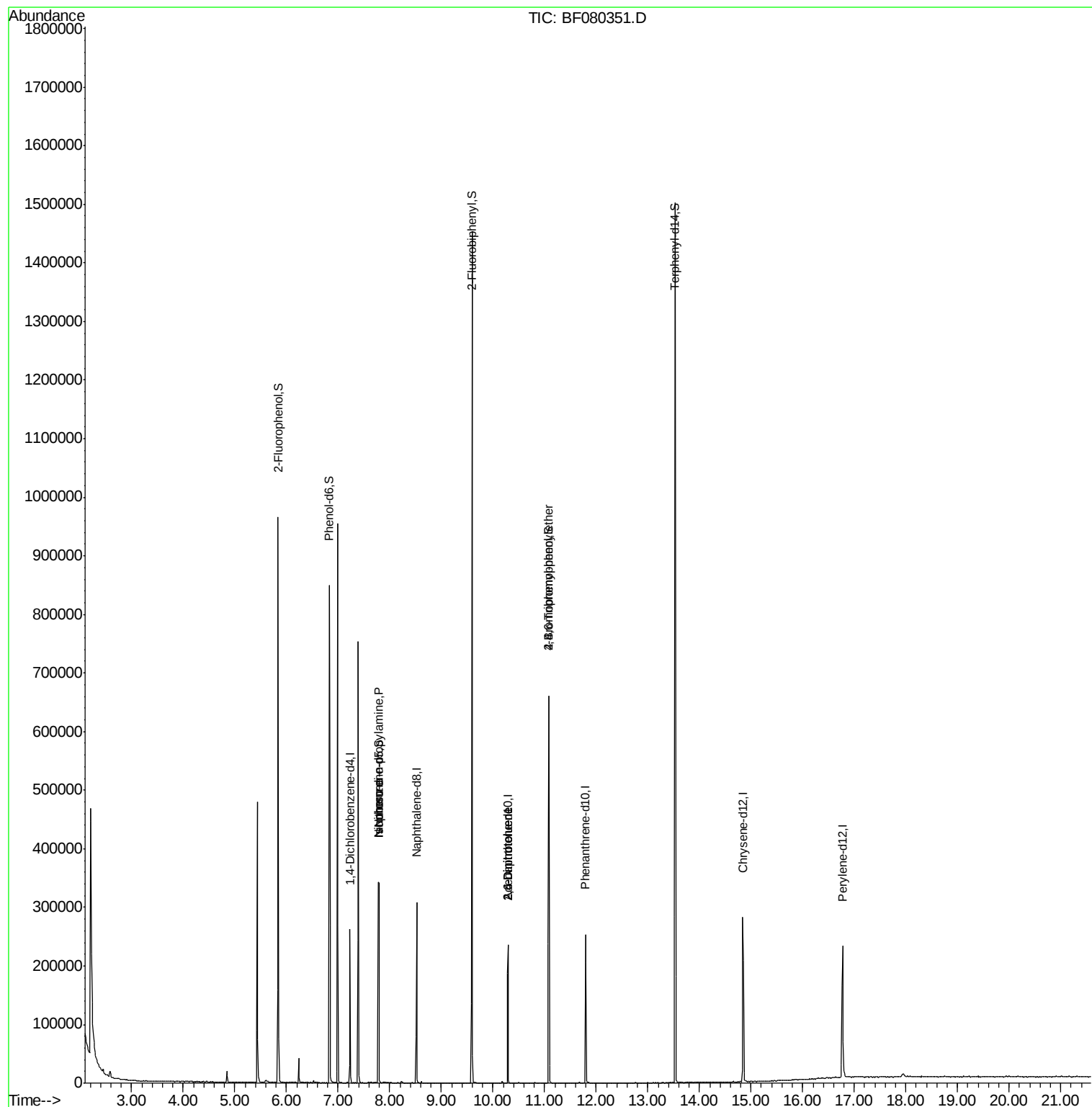
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	36230	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	136395	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	63280	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	131431	20.00	ng	0.00
75) Chrysene-d12	14.84	240	146159	20.00	ng	0.10
86) Perylene-d12	16.77	264	135541	20.00	ng	0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	237672	120.15	ng	0.00
7) Phenol-d6	6.83	99	288622	110.07	ng	0.00
23) Nitrobenzene-d5	7.79	82	162582	69.52	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	79784	120.50	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	397764	84.83	ng	0.00
78) Terphenyl-d14	13.53	244	487194	77.75	ng	0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.78	70	20502	12.05	ng	# 78
25) Isophorone	7.79	82	162253	36.05	ng	# 69
50) 2,6-Dinitrotoluene	10.29	165	7955	7.49	ng	# 23
56) 2,4-Dinitrotoluene	10.29	165	7955	5.82	ng	# 35
66) 4-Bromophenyl-phenylether	11.08	248	5934	3.94	ng	# 1

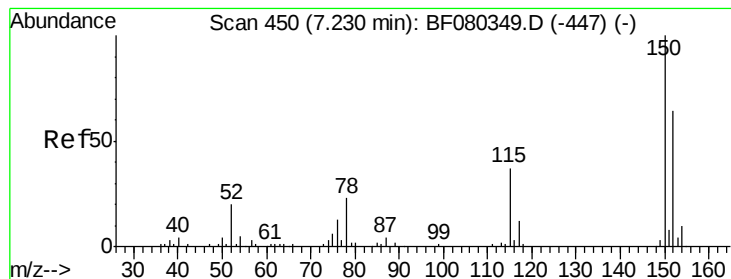
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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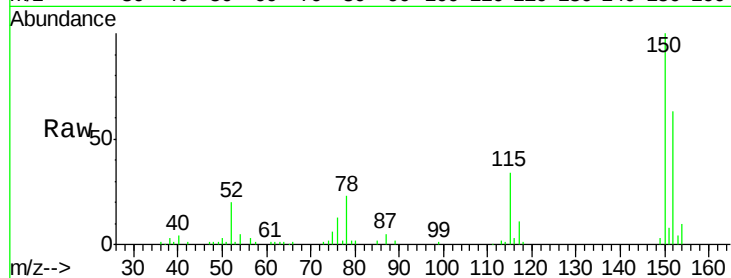




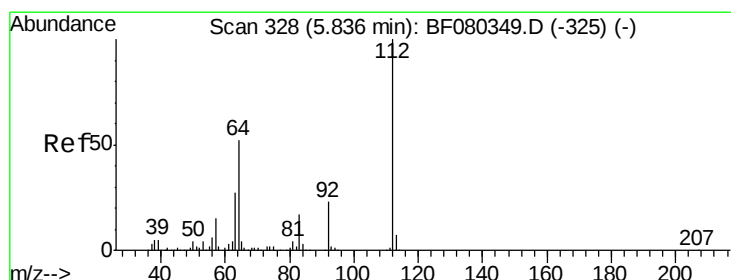
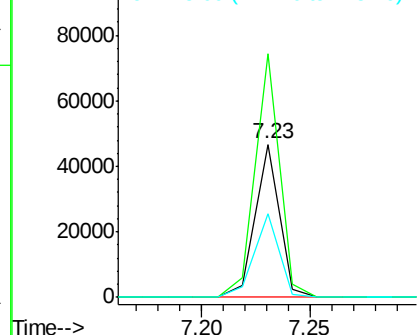
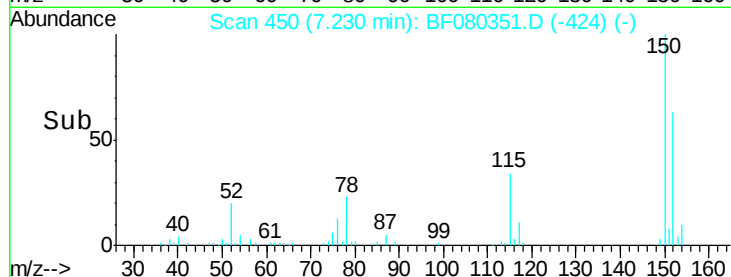
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF080351.D
 Acq: 6 Jul 2015 18:22

Instrument :
 BNA_F
 ClientSampleID :
 PB84363BL

Tgt Ion:152 Resp: 36230
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.7 187.1
 115 54.2 45.7 68.5

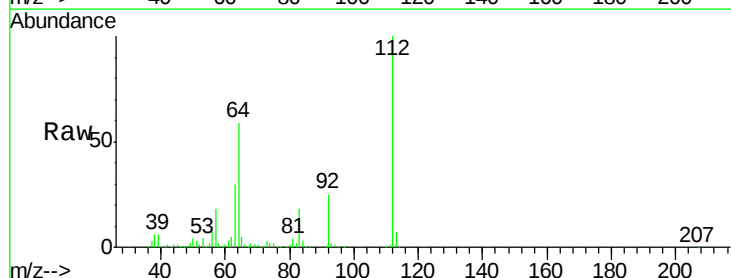


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

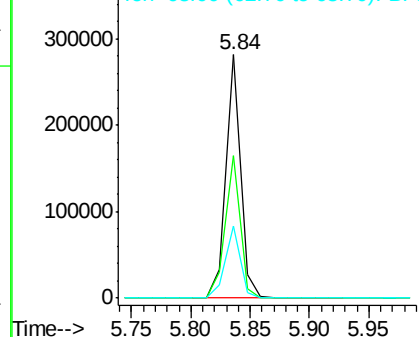
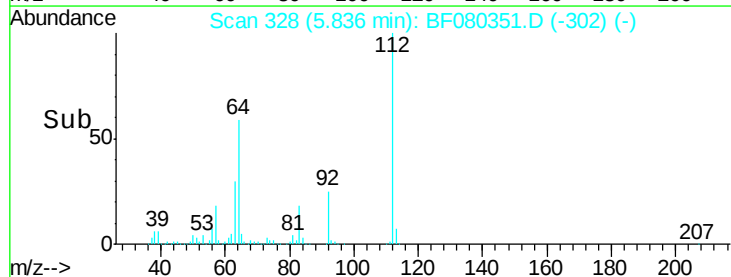


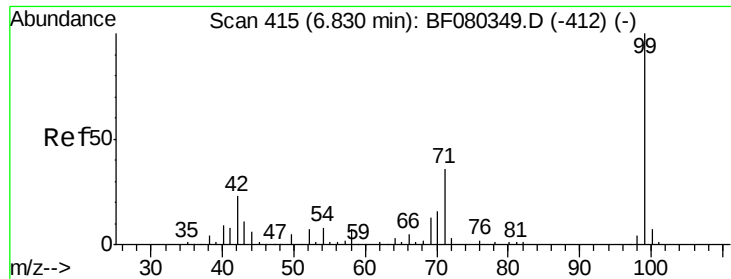
#5
 2-Fluorophenol
 Concen: 120.15 ng
 RT: 5.84 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: BF080351.D
 Acq: 6 Jul 2015 18:22

Tgt Ion:112 Resp: 237672
 Ion Ratio Lower Upper
 112 100
 64 58.7 41.8 62.6
 63 29.8 21.5 32.3



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: 110.07 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080351.D

Acq: 6 Jul 2015 18:22

Instrument :

BNA_F

ClientSampleId :

PB84363BL

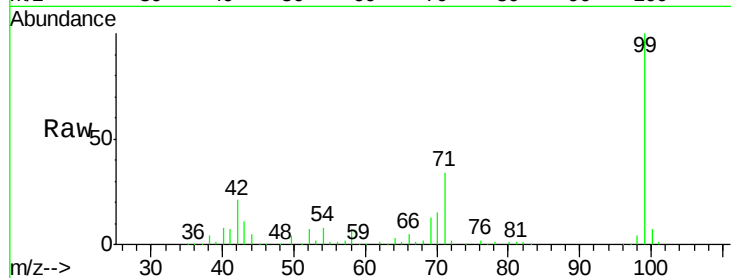
Tgt Ion: 99 Resp: 288622

Ion Ratio Lower Upper

99 100

42 21.5 18.5 27.7

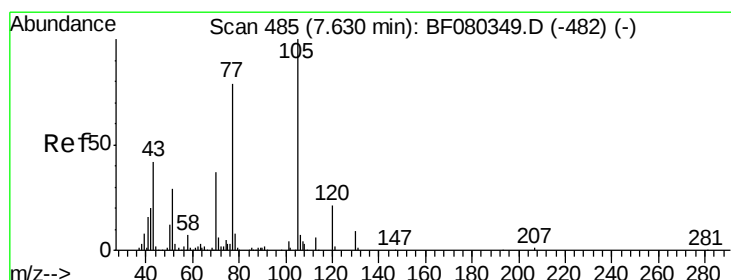
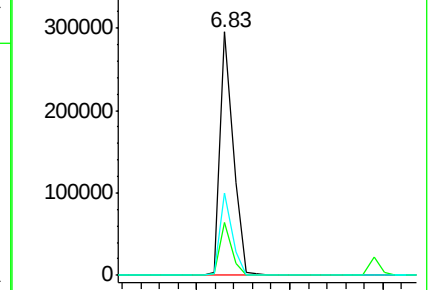
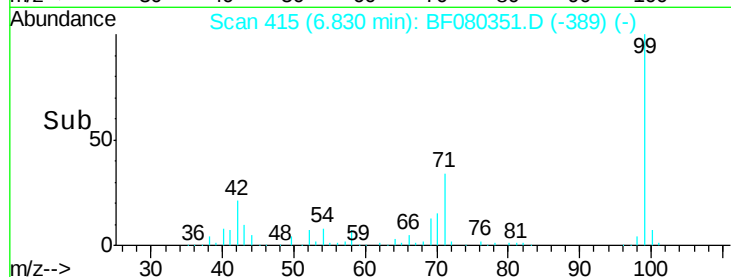
71 33.9 28.5 42.7



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: 12.05 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.15 min

Lab File: BF080351.D

Acq: 6 Jul 2015 18:22

Tgt Ion: 70 Resp: 20502

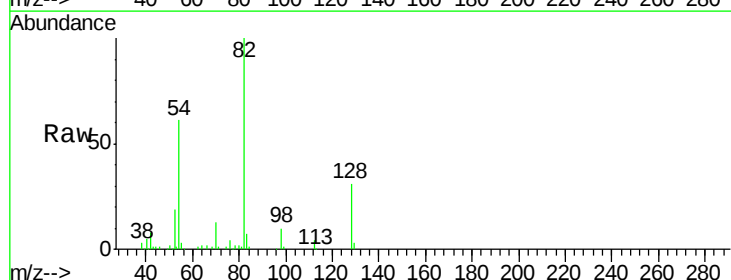
Ion Ratio Lower Upper

70 100

42 59.2 43.0 64.6

101 0.0 8.3 12.5#

130 0.0 20.2 30.2#

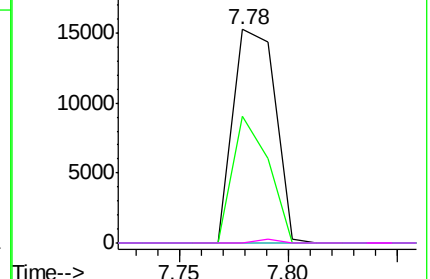
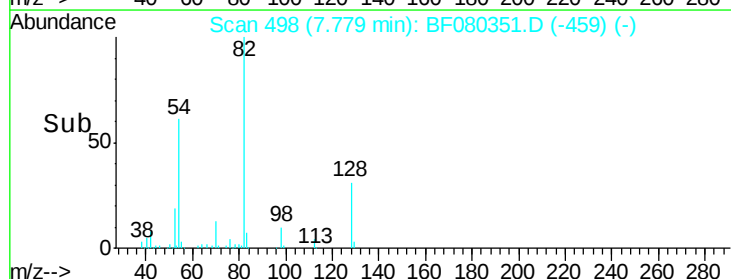


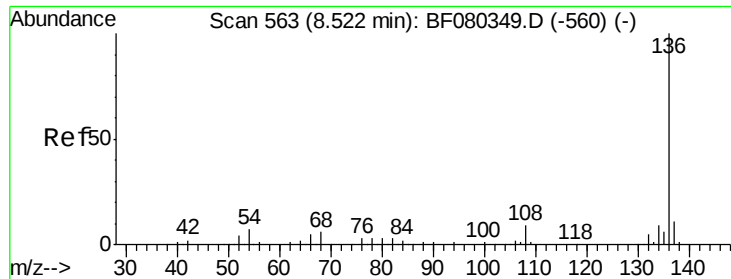
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

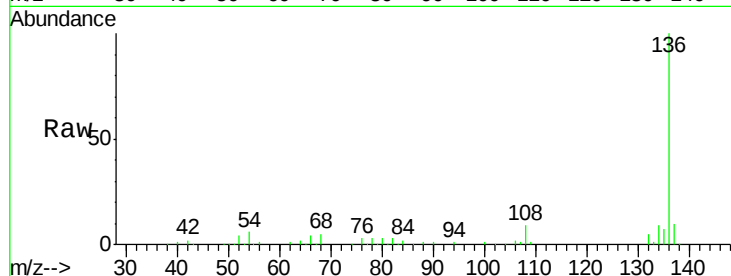




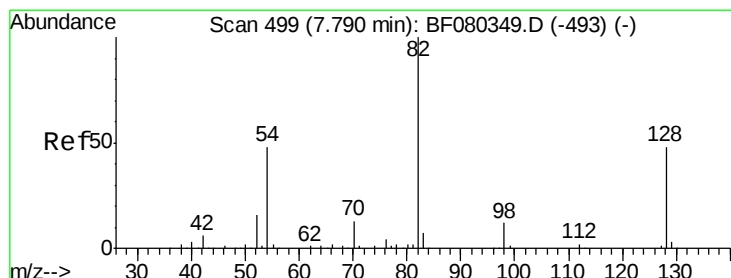
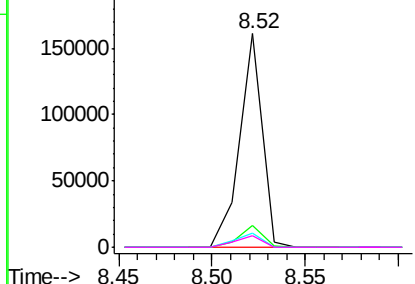
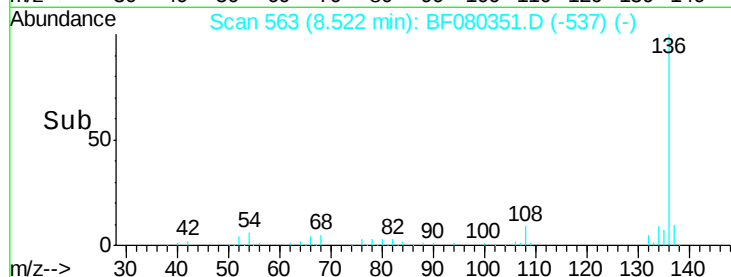
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF080351.D
Acq: 6 Jul 2015 18:22

Instrument :
BNA_F
ClientSampleId :
PB84363BL

Tgt Ion:	136	Resp:	136395
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.4	5.8	8.8
68	5.3	4.6	6.8

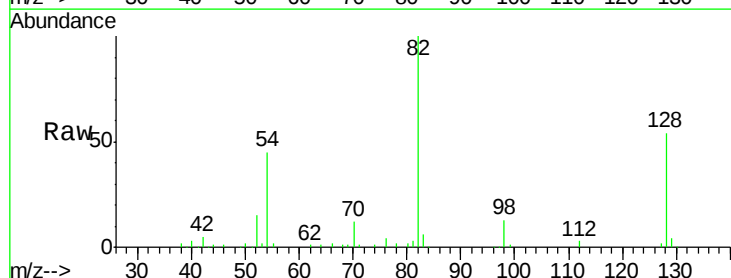


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

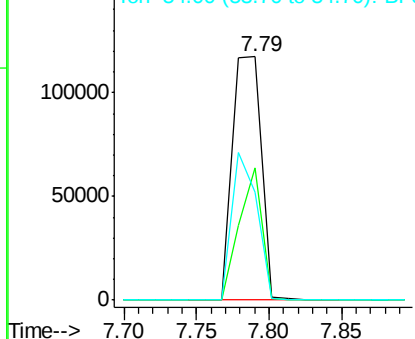
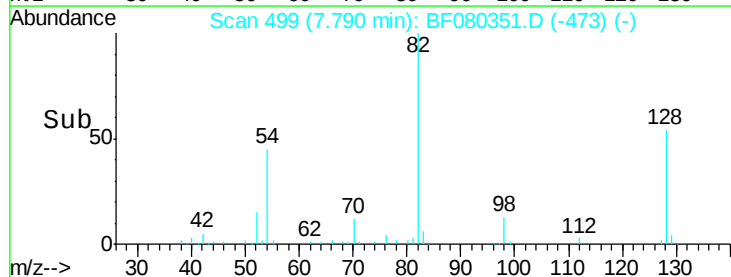


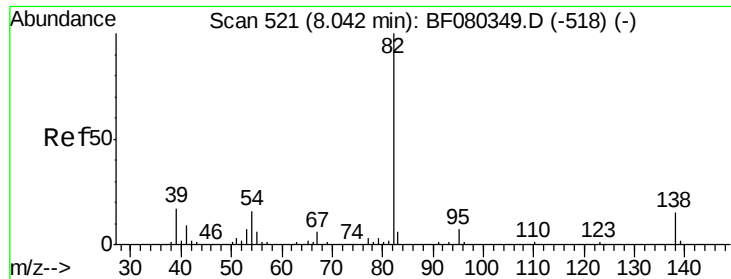
#23
Nitrobenzene-d5
Concen: 69.52 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF080351.D
Acq: 6 Jul 2015 18:22

Tgt Ion:	82	Resp:	162582
Ion	Ratio	Lower	Upper
82	100		
128	54.4	38.4	57.6
54	44.5	38.2	57.2



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





#25

Isophorone

Concen: 36.05 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.25 min

Lab File: BF080351.D

Acq: 6 Jul 2015 18:22

Instrument :

BNA_F

ClientSampleId :

PB84363BL

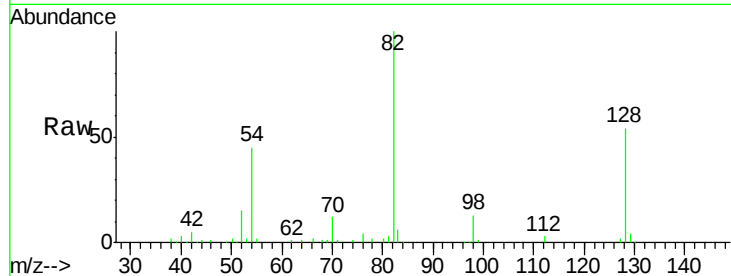
Tgt Ion: 82 Resp: 162253

Ion Ratio Lower Upper

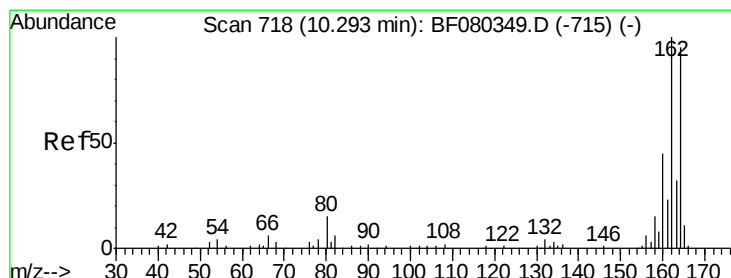
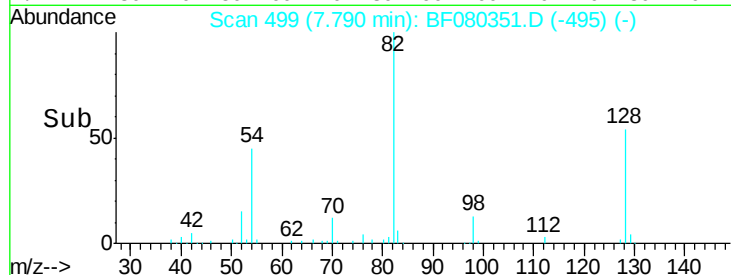
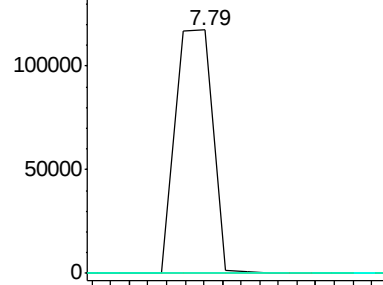
82 100

95 0.0 5.2 7.8#

138 0.0 12.0 18.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF080351.D

Acq: 6 Jul 2015 18:22

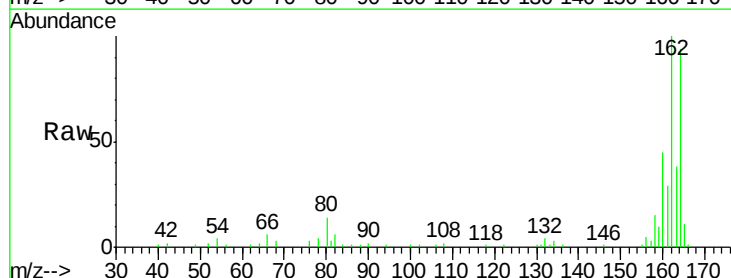
Tgt Ion: 164 Resp: 63280

Ion Ratio Lower Upper

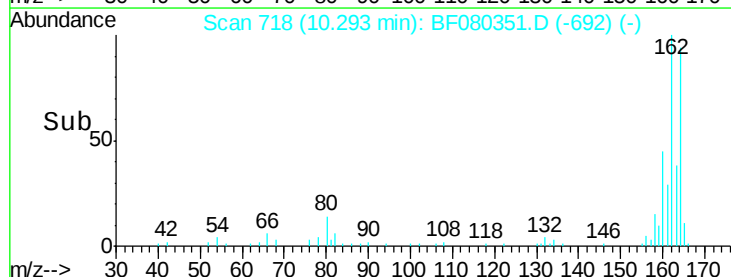
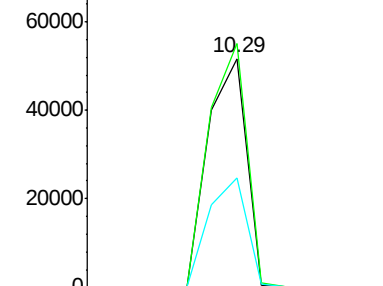
164 100

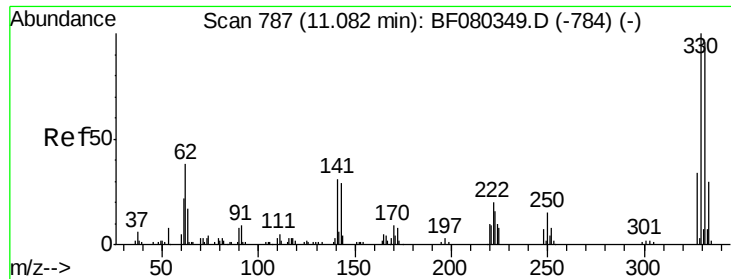
162 106.4 84.5 126.7

160 47.9 37.7 56.5



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

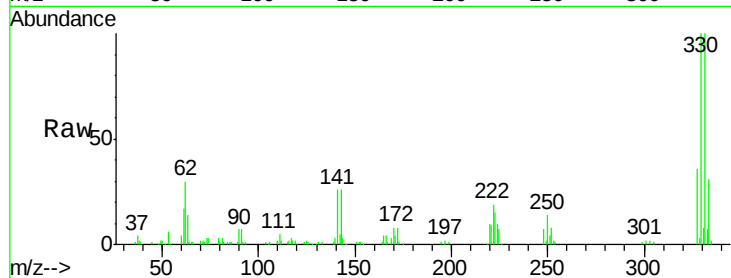




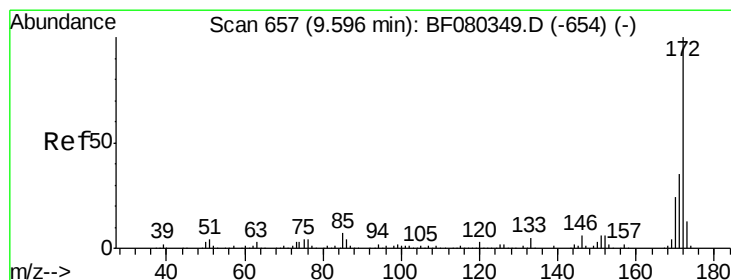
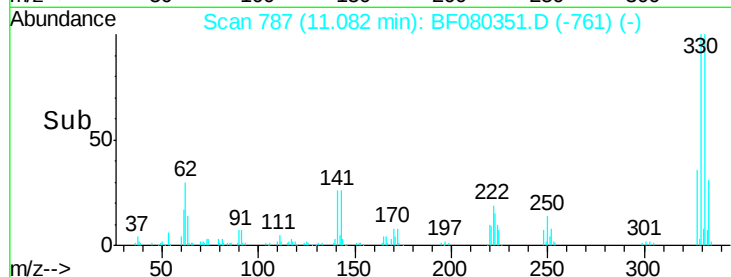
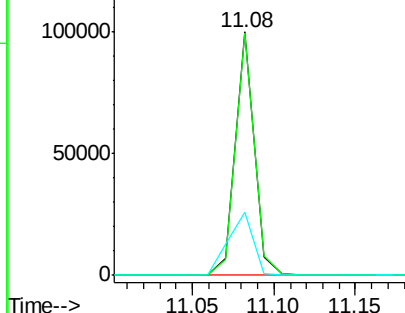
#41
 2,4,6-Tribromophenol
 Concen: 120.50 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF080351.D
 Acq: 6 Jul 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BL

Tgt Ion:330 Resp: 79784
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.0 115.4
 141 34.1 29.6 44.4

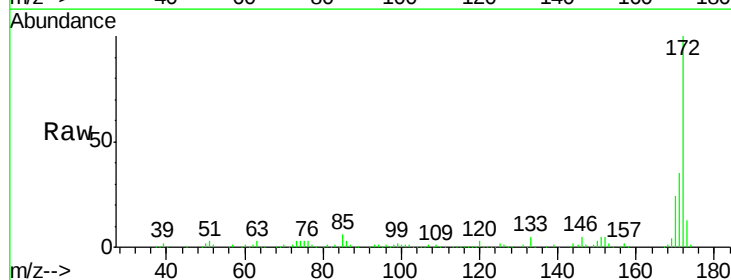


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

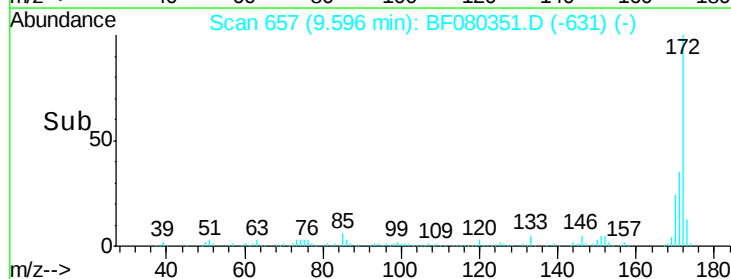
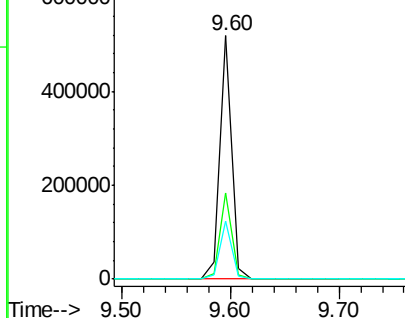


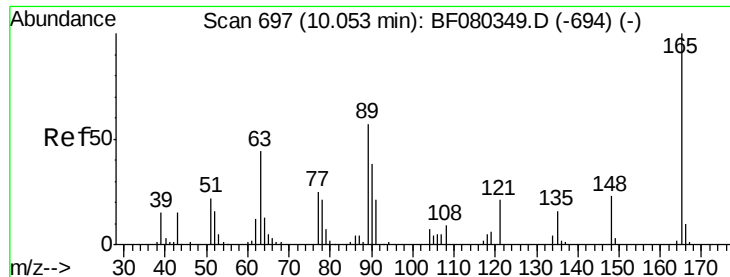
#44
 2-Fluorobiphenyl
 Concen: 84.83 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF080351.D
 Acq: 6 Jul 2015 18:22

Tgt Ion:172 Resp: 397764
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 24.0 19.1 28.7



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

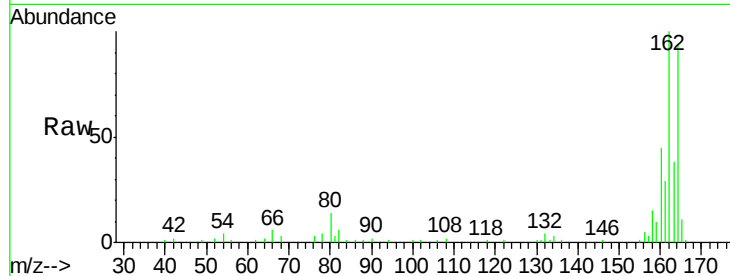




#50
 2,6-Dinitrotoluene
 Concen: 7.49 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.24 min
 Lab File: BF080351.D
 Acq: 6 Jul 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BL

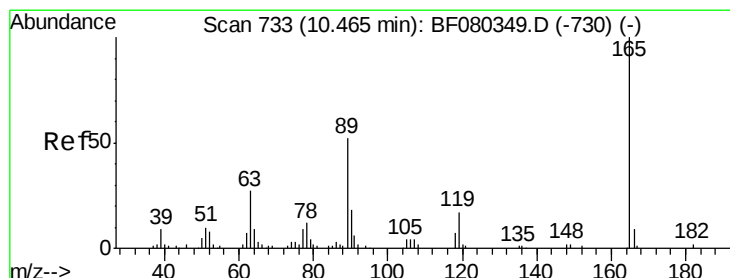
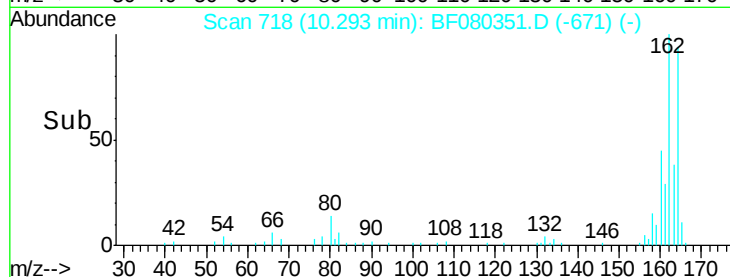
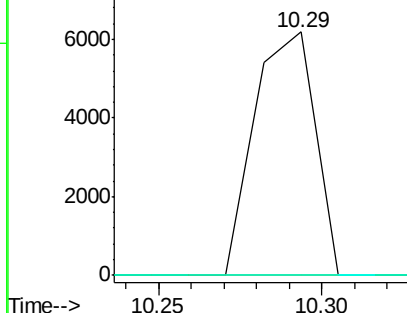
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	45.9	68.9#



Abundance Ion 165.00 (164.70 to 165.70): E

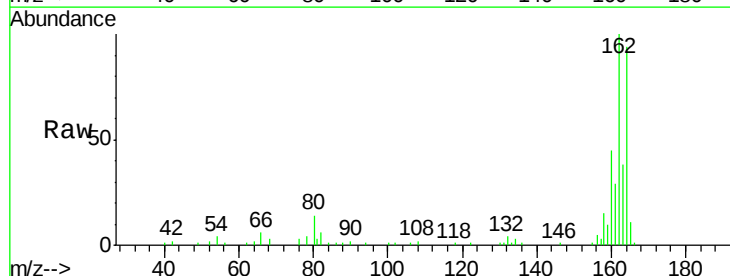
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.82 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.17 min
 Lab File: BF080351.D
 Acq: 6 Jul 2015 18:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	21.8	32.8#
89	0.0	41.3	61.9#
182	0.0	1.8	2.6#

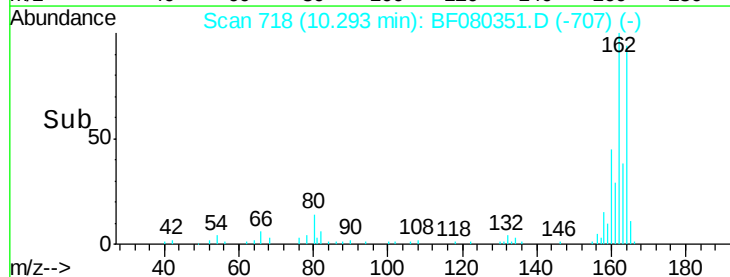
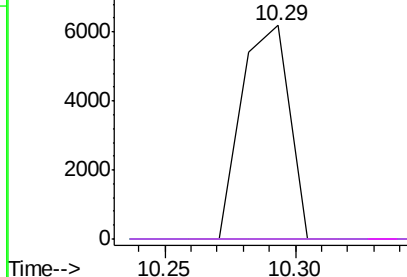


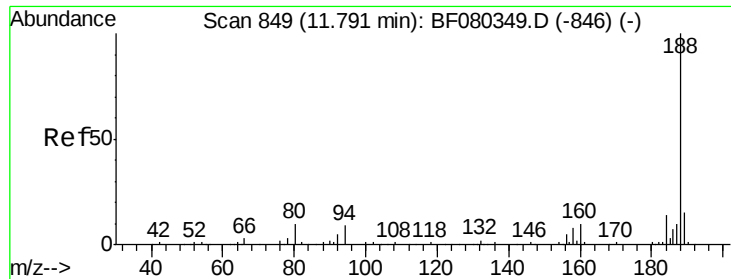
Abundance Ion 165.00 (164.70 to 165.70): E

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

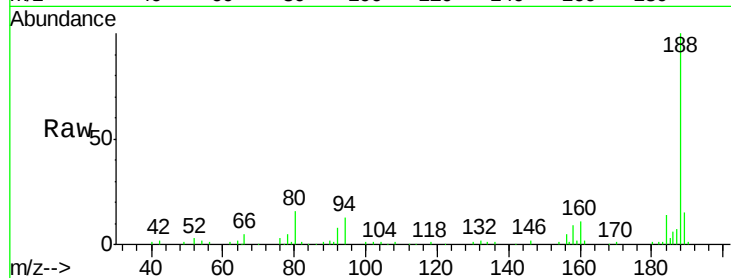




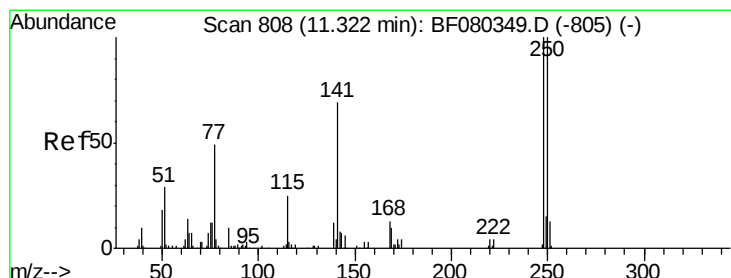
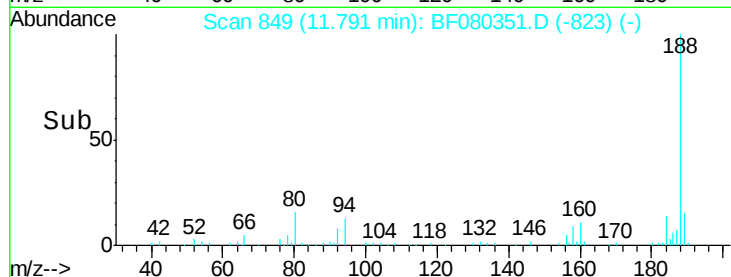
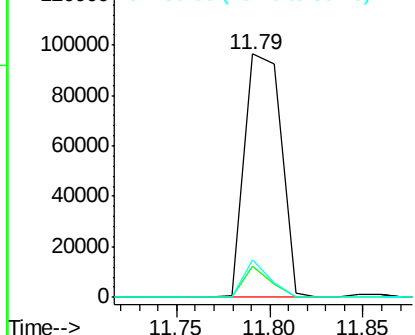
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.79 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF080351.D
Acq: 6 Jul 2015 18:22

Instrument :
BNA_F
ClientSampleId :
PB84363BL

Tgt Ion:188 Resp: 131431
Ion Ratio Lower Upper
188 100
94 13.0 7.5 11.3#
80 15.6 8.3 12.5#

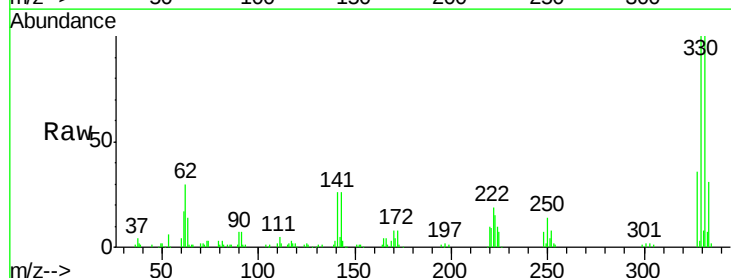


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

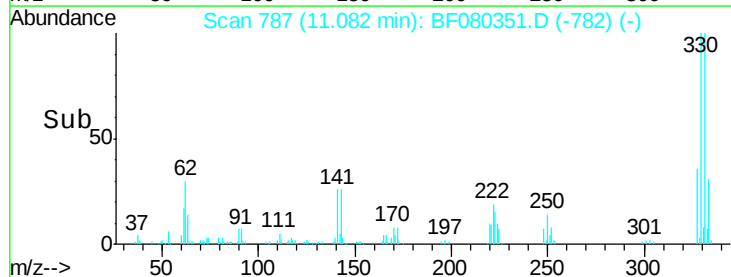
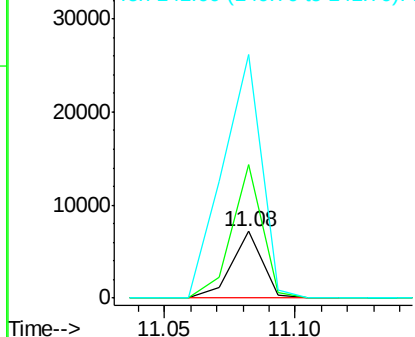


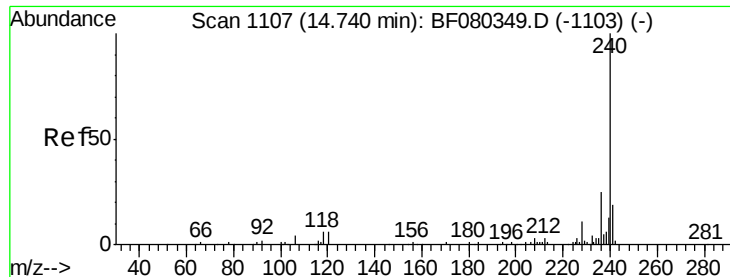
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.24 min
Lab File: BF080351.D
Acq: 6 Jul 2015 18:22

Tgt Ion:248 Resp: 5934
Ion Ratio Lower Upper
248 100
250 199.3 80.0 120.0#
141 364.2 54.8 82.2#



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: 14.84 min Scan# 1116

Delta R.T. 0.10 min

Lab File: BF080351.D

Acq: 6 Jul 2015 18:22

Instrument :

BNA_F

ClientSampleId :

PB84363BL

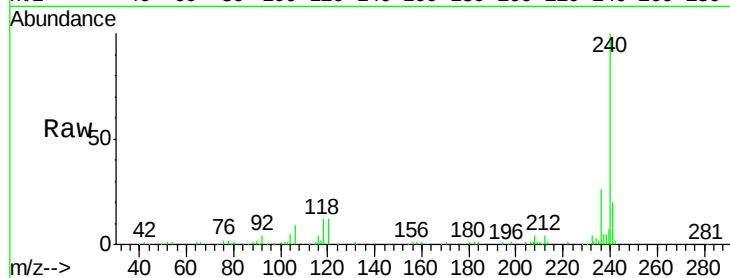
Tgt Ion:240 Resp: 146159

Ion Ratio Lower Upper

240 100

120 12.4 5.1 7.7#

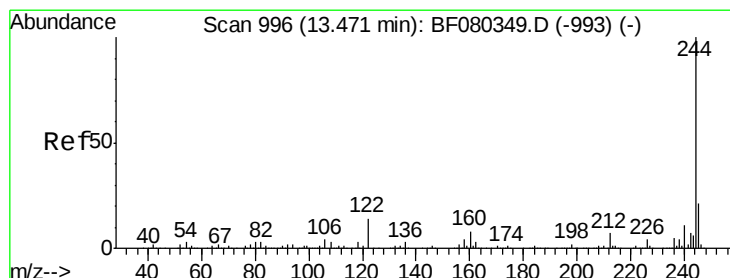
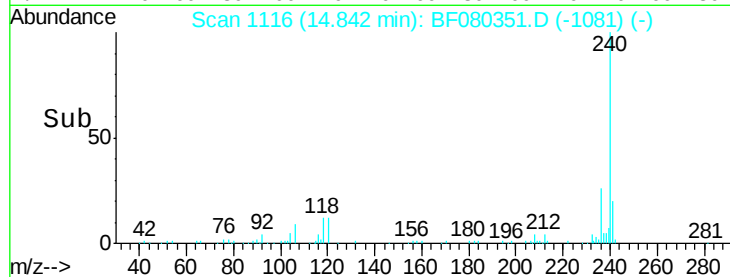
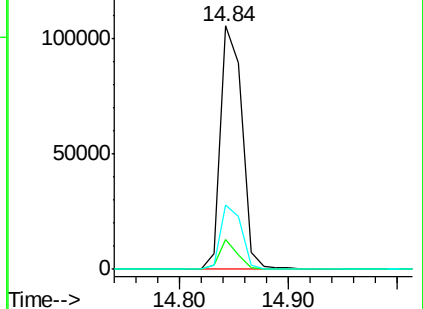
236 26.4 20.4 30.6



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: 77.75 ng

RT: 13.53 min Scan# 1001

Delta R.T. 0.06 min

Lab File: BF080351.D

Acq: 6 Jul 2015 18:22

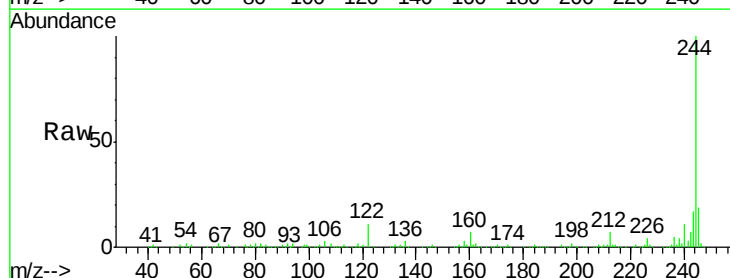
Tgt Ion:244 Resp: 487194

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

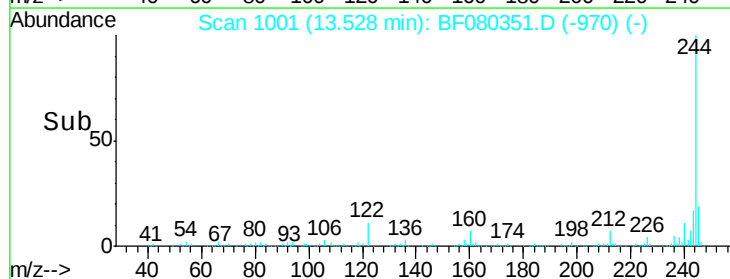
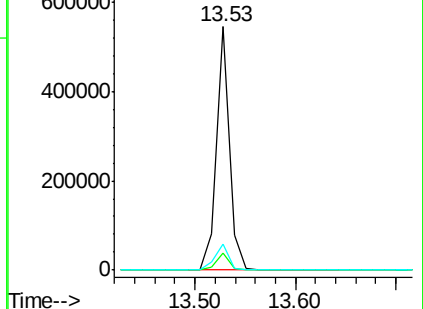
122 10.6 11.1 16.7#

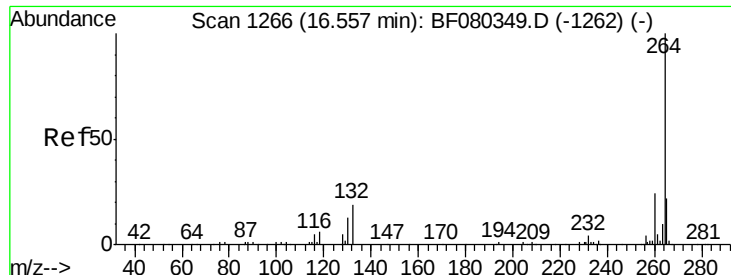


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.77 min Scan# 1285
Delta R.T. 0.22 min
Lab File: BF080351.D
Acq: 6 Jul 2015 18:22

Instrument :
BNA_F
ClientSampleId :
PB84363BL

Tgt Ion: 264 Resp: 135541
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.8 17.6 26.4

