

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099077.D
 Acq On : 4 Oct 2017 20:04
 Operator : SJ/JU
 Sample : I5526-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:10:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

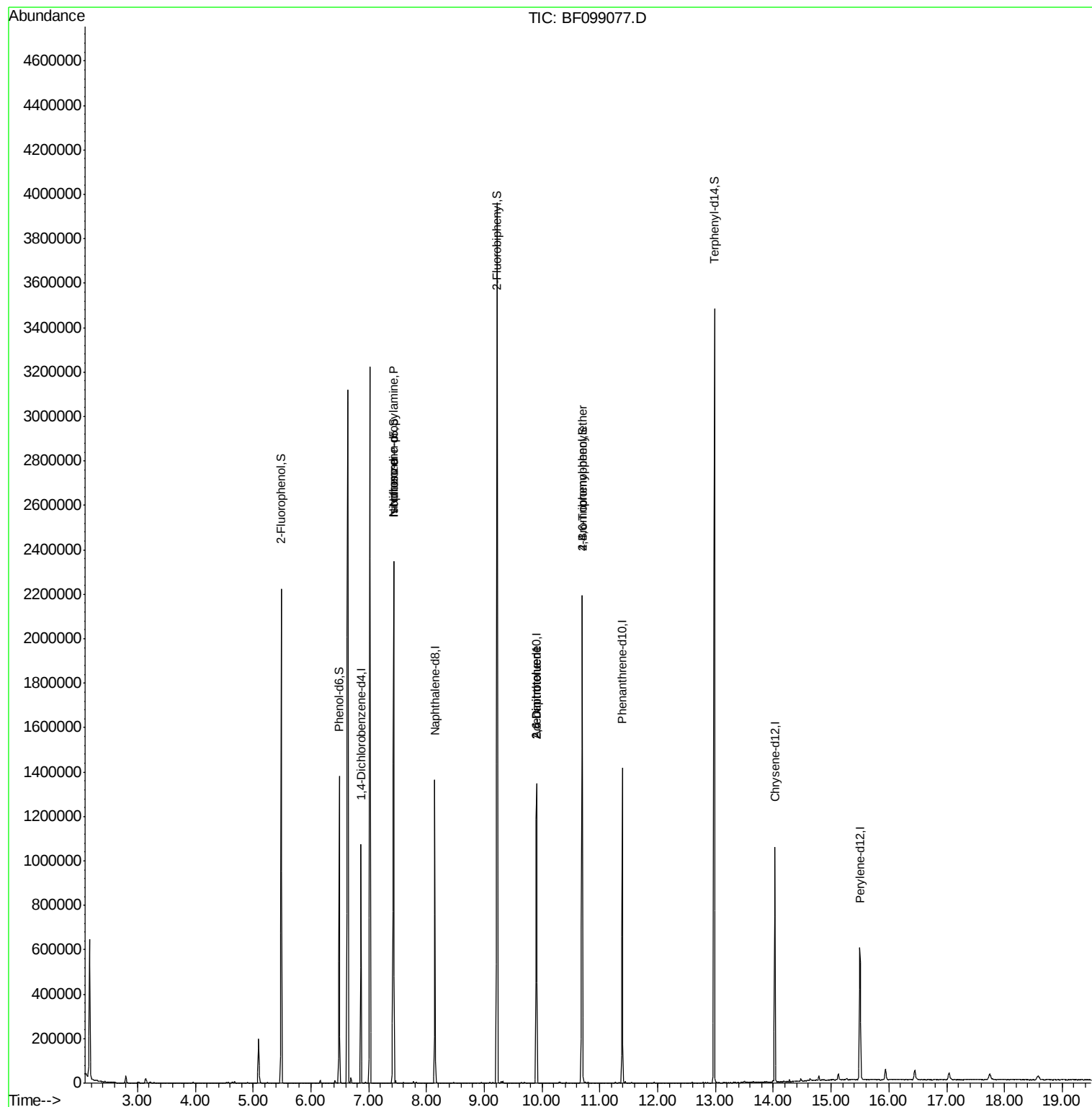
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145856	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	601038	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	272997	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	483117	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	328421	20.00	ng	-0.06
86) Perylene-d12	15.50	264	245476	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	622146	67.90	ng	-0.05
7) Phenol-d6	6.49	99	472531	41.81	ng	-0.05
23) Nitrobenzene-d5	7.43	82	919940	98.16	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	311576	139.48	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	1562913	95.57	ng	-0.06
78) Terphenyl-d14	12.98	244	1361708	94.29	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	120142	16.65	ng	# 74
25) Isophorone	7.43	82	915054	47.22	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	35428	7.90	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	35428	6.09	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	20596	4.36	ng	# 1

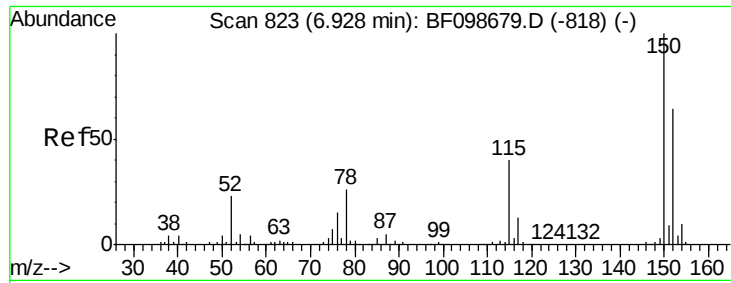
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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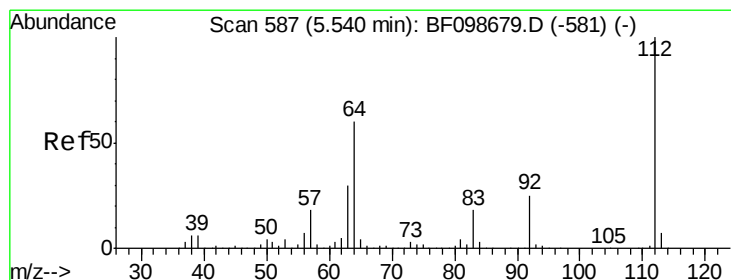
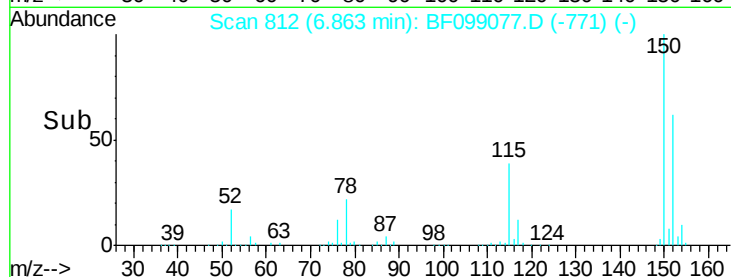
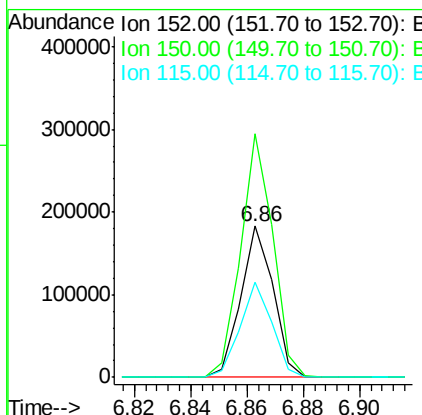
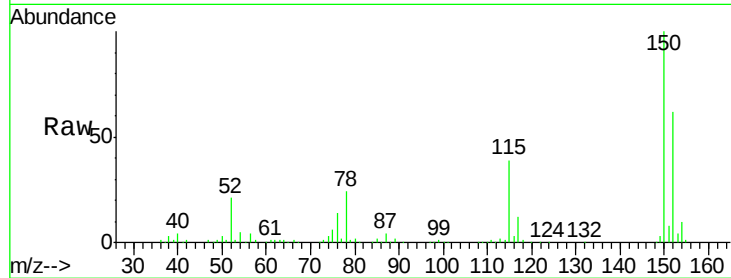




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF099077.D
 Acq: 4 Oct 2017 20:04

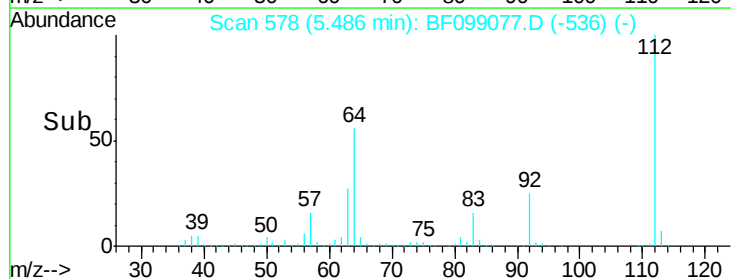
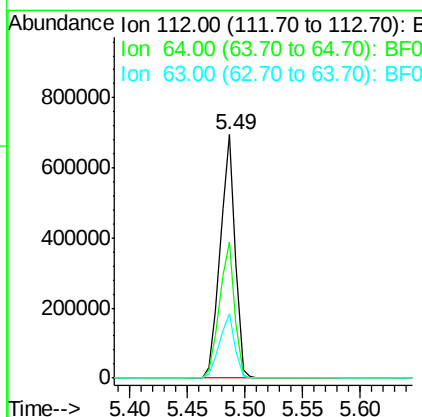
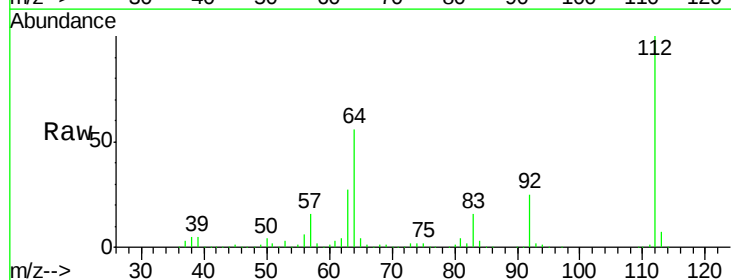
Instrument :
 BNA_F
 ClientSampleId :

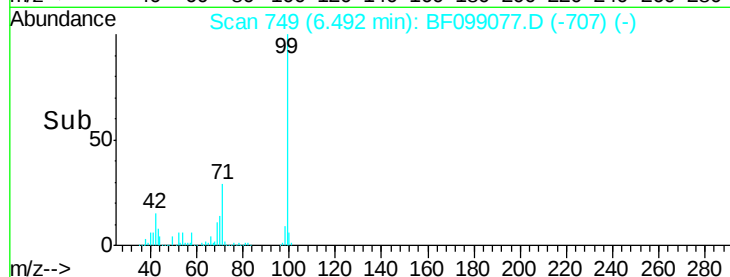
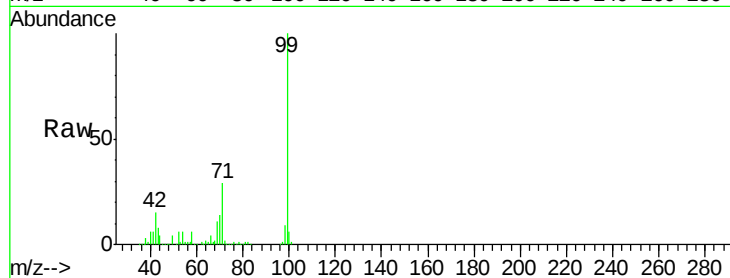
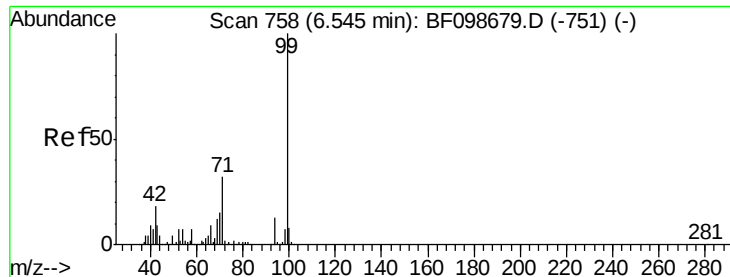
Tot Ion:152 Resp: 145856
 Ion Ratio Lower Upper
 152 100
 150 160.9 124.6 186.8
 115 63.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 67.90 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF099077.D
 Acq: 4 Oct 2017 20:04

Tgt Ion:112 Resp: 622146
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.9 71.9
 63 26.5 23.7 35.5





#7

Phenol-d6

Concen: 41.81 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.05 min

Lab File: BF099077.D

Acq: 4 Oct 2017 20:04

Instrument :

BNA_F

ClientSampleId :

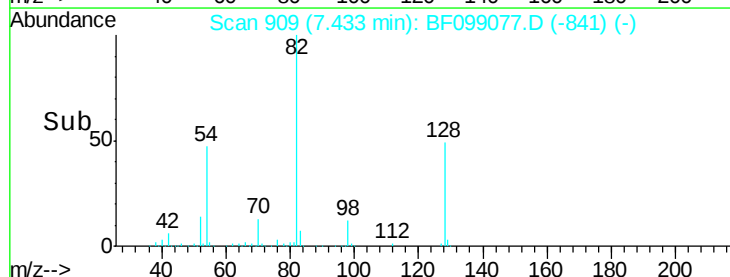
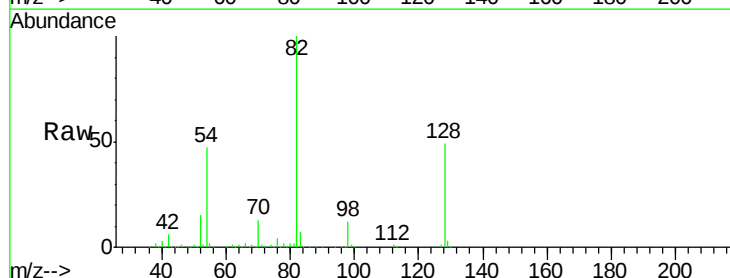
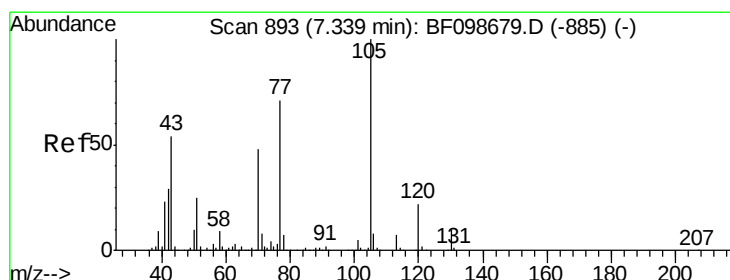
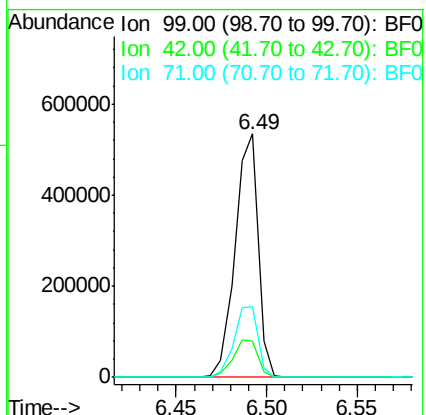
Tot Ion: 99 Resp: 472531

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

71 28.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.65 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.10 min

Lab File: BF099077.D

Acq: 4 Oct 2017 20:04

Tgt Ion: 70 Resp: 120142

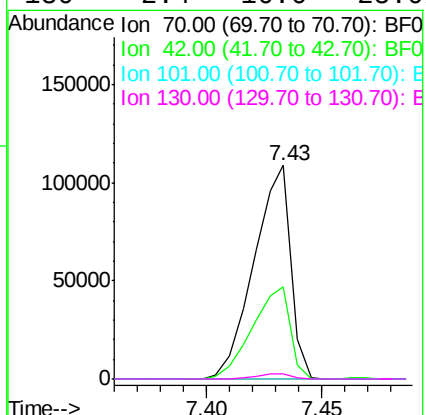
Ion Ratio Lower Upper

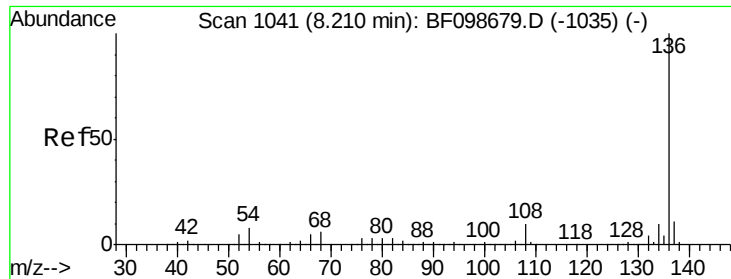
70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

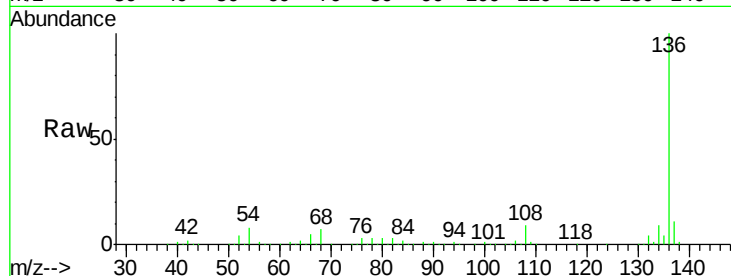




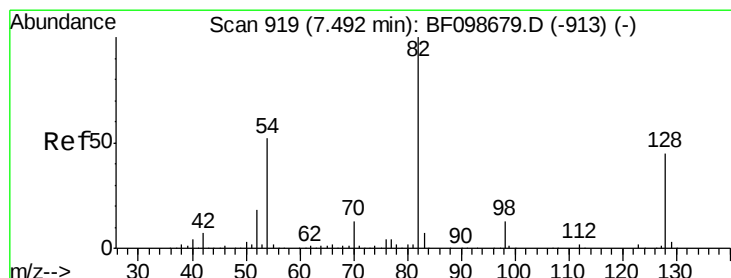
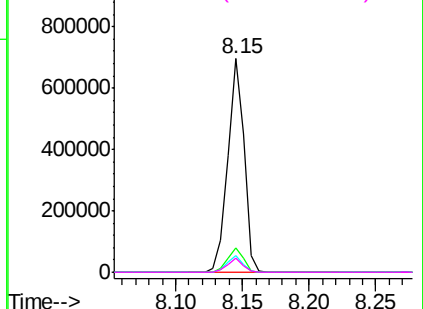
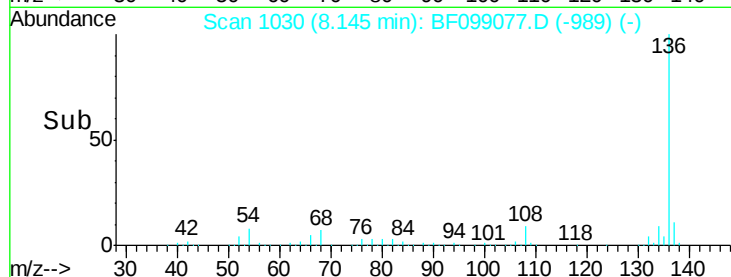
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099077.D
Acq: 4 Oct 2017 20:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	601038
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.9	6.6 9.8
68	6.6	5.0 7.4

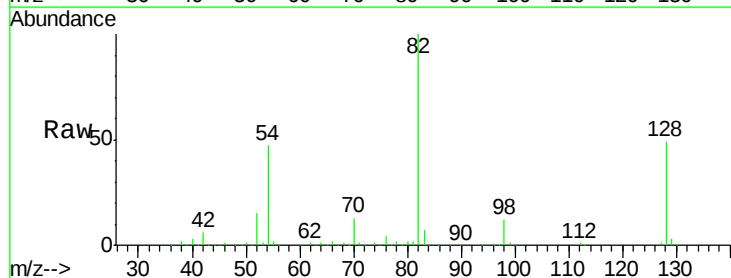


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

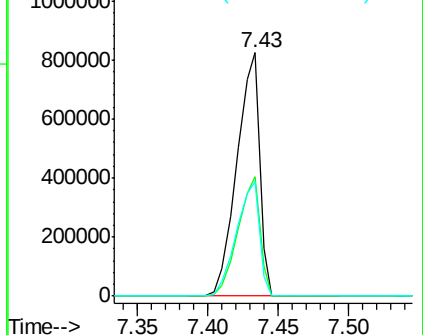
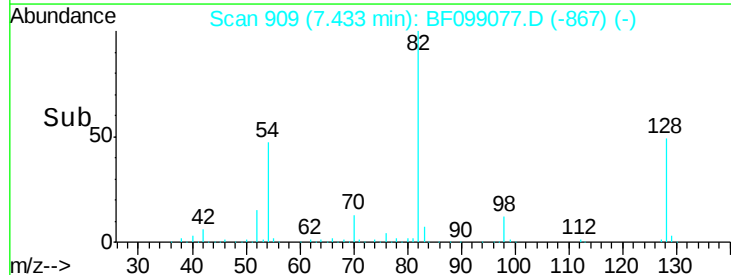


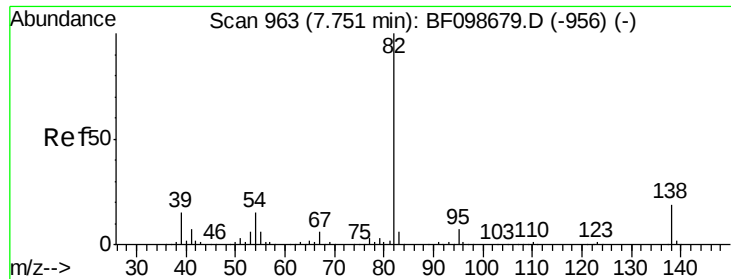
#23
Nitrobenzene-d5
Concen: 98.16 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF099077.D
Acq: 4 Oct 2017 20:04

Tgt Ion: 82	Resp:	919940
Ion Ratio	Lower	Upper
82	100	
128	49.2	36.1 54.1
54	46.8	41.4 62.2



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: 47.22 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.31 min

Lab File: BF099077.D

Acq: 4 Oct 2017 20:04

Instrument :

BNA_F

ClientSampleId :

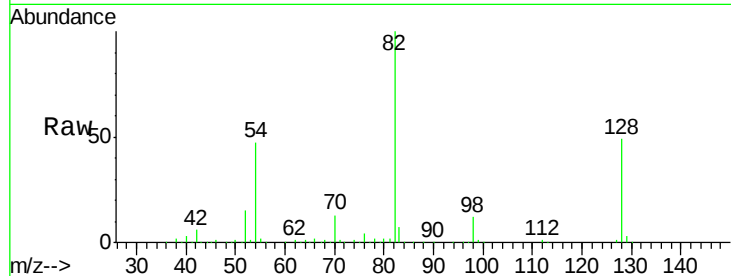
Tot Ion: 82 Resp: 915054

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

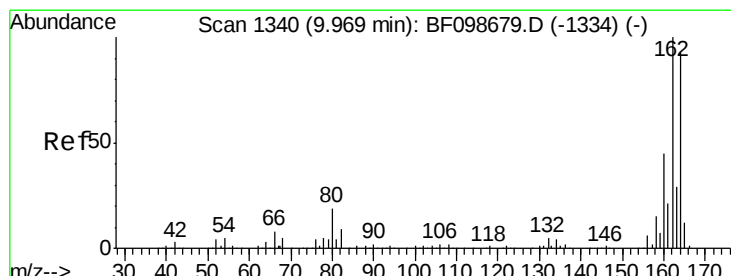
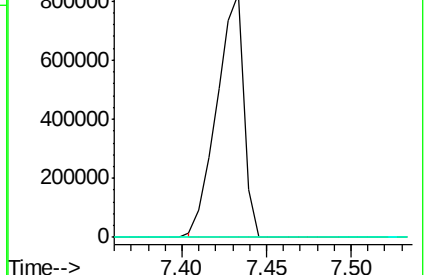
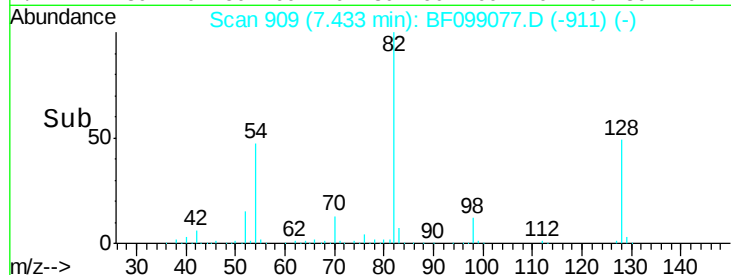
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF099077.D (-911) (-)

Ion 95.00 (94.70 to 95.70): BF099077.D (-911) (-)

Ion 138.00 (137.70 to 138.70): BF099077.D (-911) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.06 min

Lab File: BF099077.D

Acq: 4 Oct 2017 20:04

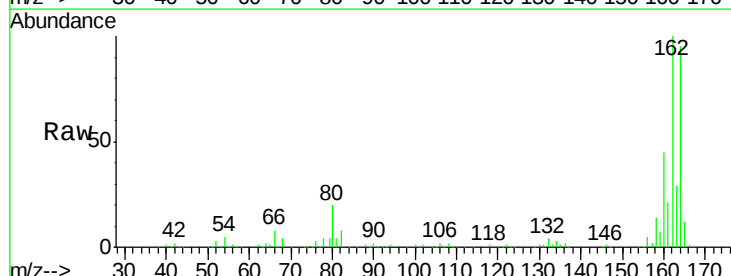
Tgt Ion:164 Resp: 272997

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

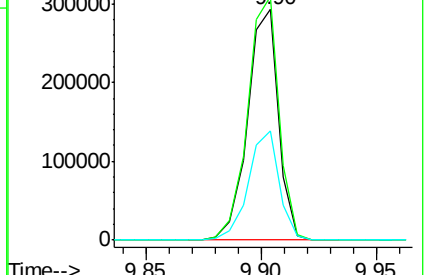
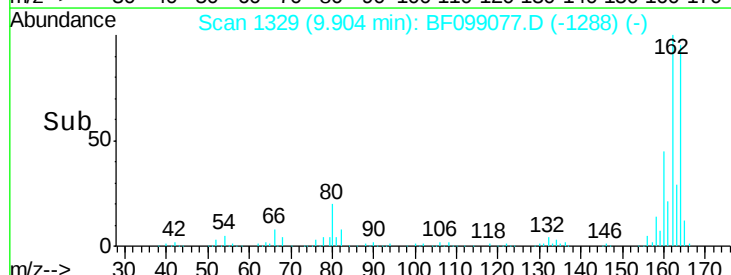
160 47.5 38.3 57.5

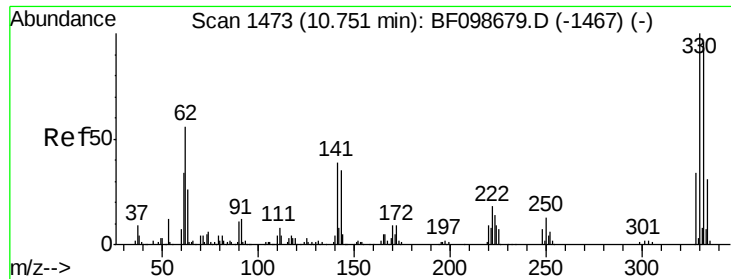


Abundance Ion 164.00 (163.70 to 164.70): BF099077.D (-1288) (-)

Ion 162.00 (161.70 to 162.70): BF099077.D (-1288) (-)

Ion 160.00 (159.70 to 160.70): BF099077.D (-1288) (-)

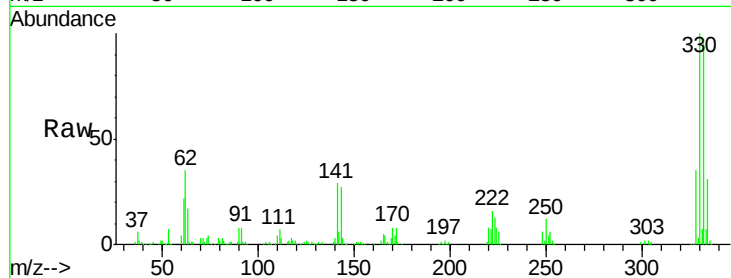




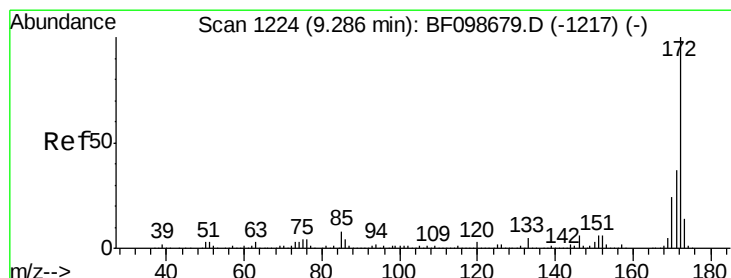
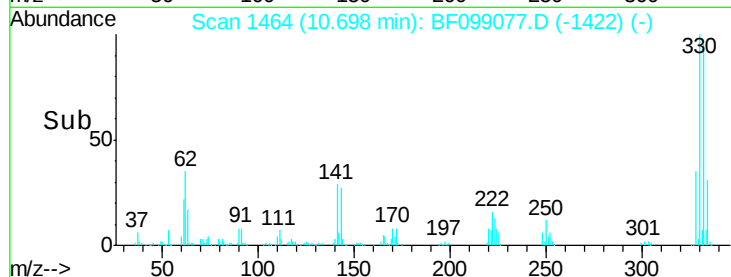
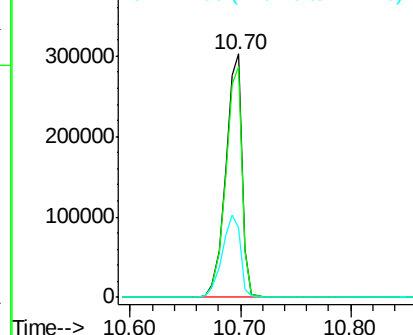
#41
 2,4,6-Tribromophenol
 Concen: 139.48 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099077.D
 Acq: 4 Oct 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 311576
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 37.6 29.9 44.9

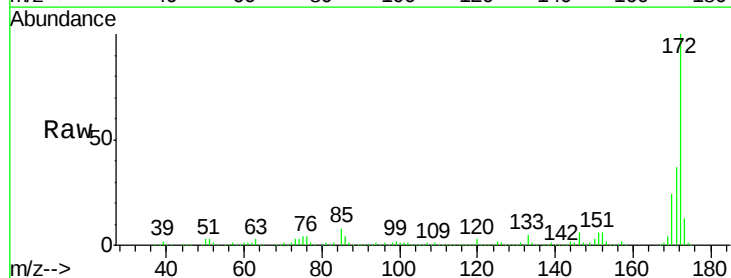


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

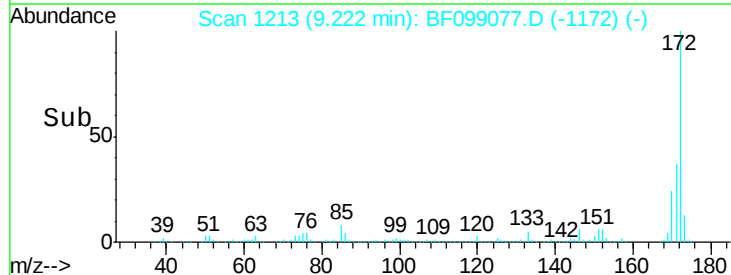
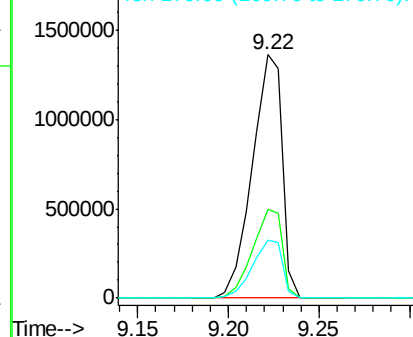


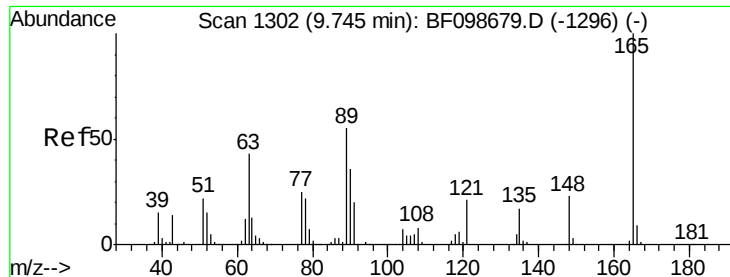
#44
 2-Fluorobiphenyl
 Concen: 95.57 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099077.D
 Acq: 4 Oct 2017 20:04

Tgt Ion:172 Resp: 1562913
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.9 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

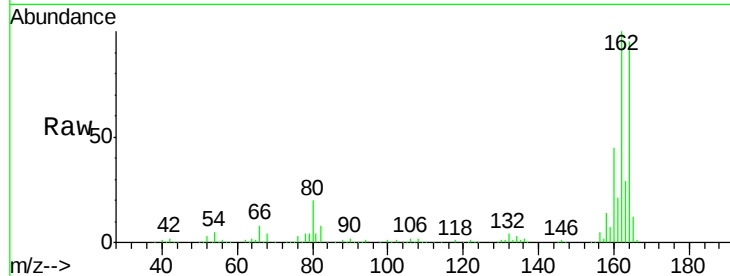




#50
 2,6-Dinitrotoluene
 Concen: 7.90 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.16 min
 Lab File: BF099077.D
 Acq: 4 Oct 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

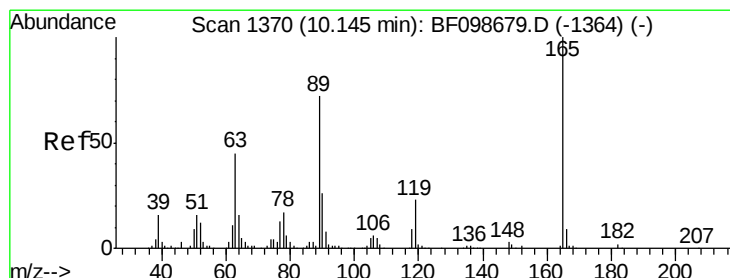
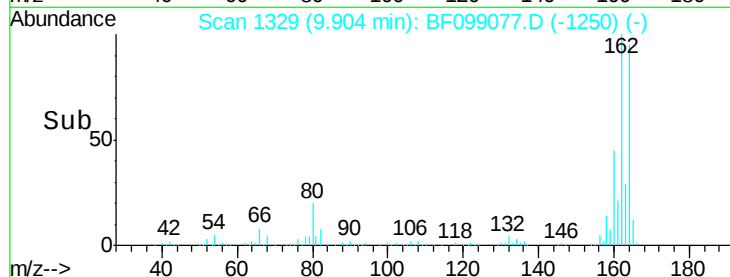
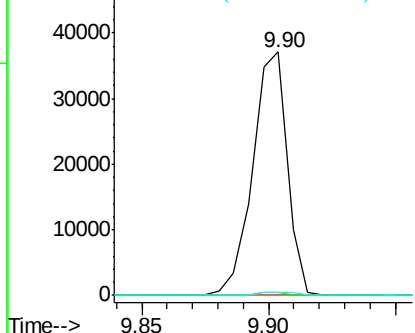
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.24 min
 Lab File: BF099077.D
 Acq: 4 Oct 2017 20:04

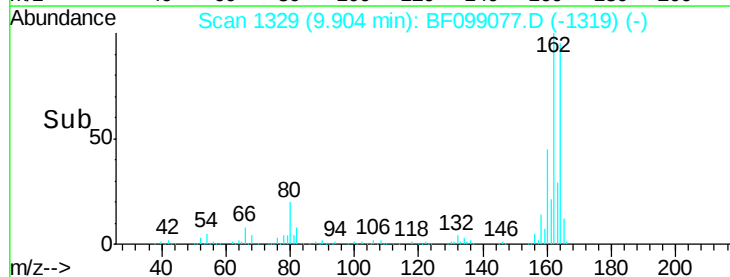
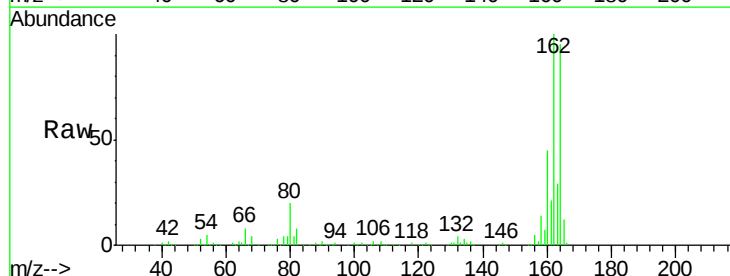
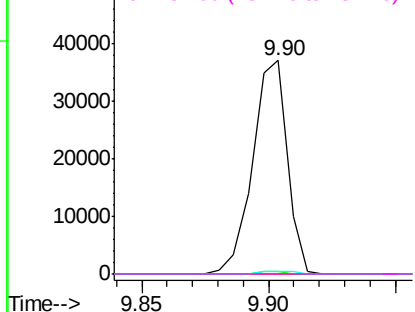
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

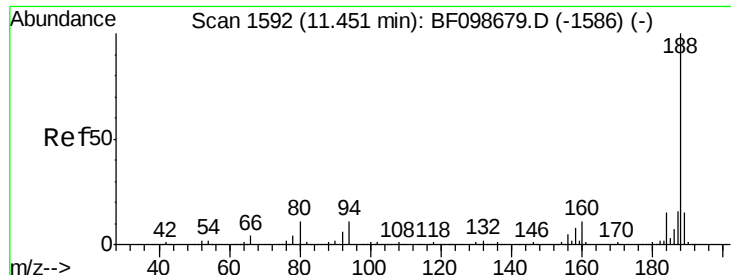
Abundance Ion 165.00 (164.70 to 165.70): E

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

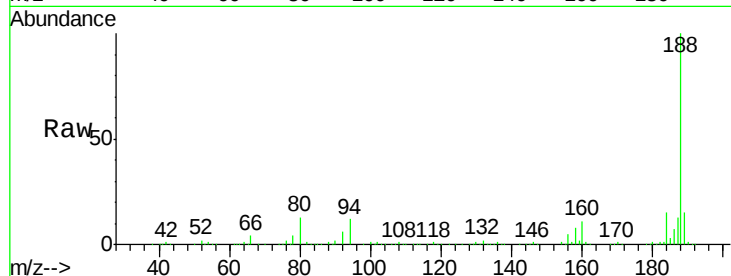




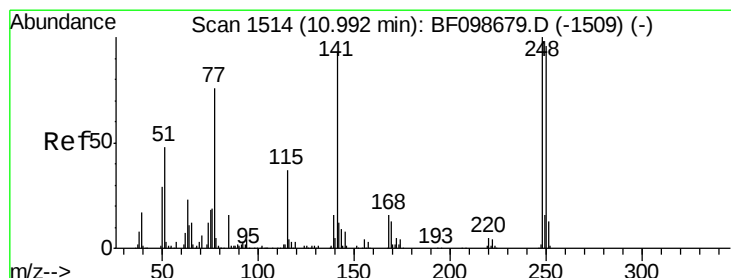
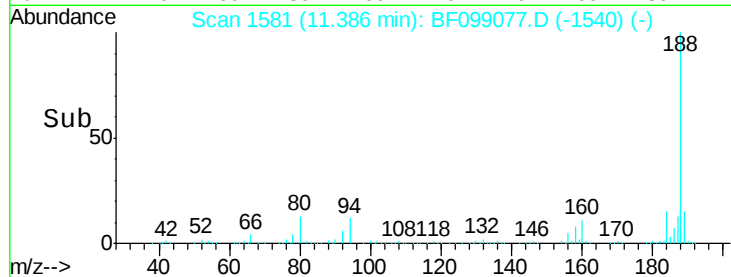
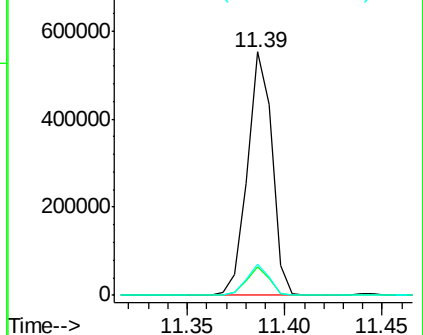
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099077.D
Acq: 4 Oct 2017 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 483117
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.5 9.2 13.8

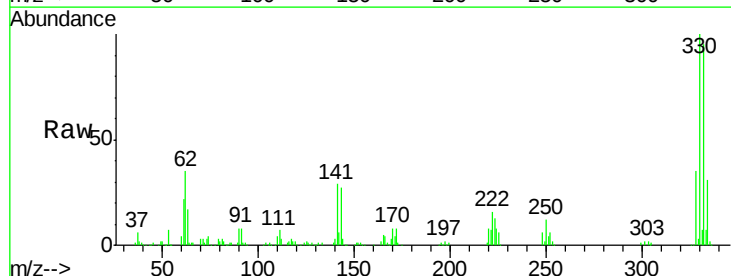


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

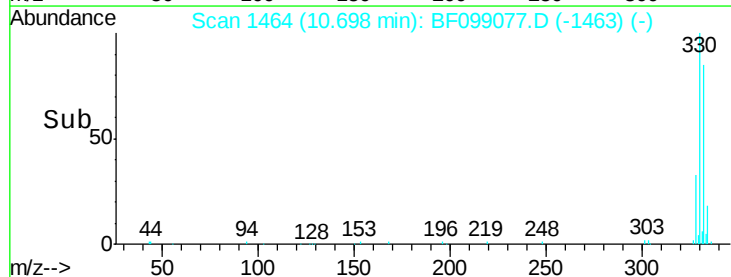
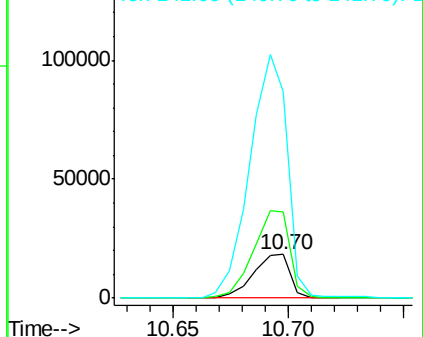


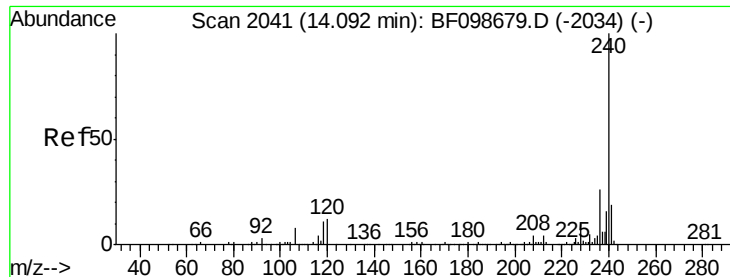
#66
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.29 min
Lab File: BF099077.D
Acq: 4 Oct 2017 20:04

Tgt Ion:248 Resp: 20596
Ion Ratio Lower Upper
248 100
250 198.1 76.9 115.3#
141 474.1 74.4 111.6#



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: 14.03 min Scan# 2030

Delta R.T. -0.06 min

Lab File: BF099077.D

Acq: 4 Oct 2017 20:04

Instrument :

BNA_F

ClientSampled :

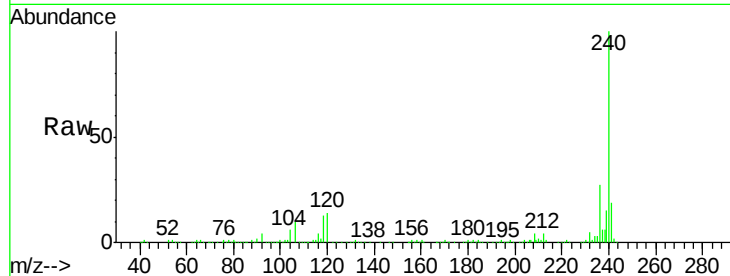
Tot Ion:240 Resp: 328421

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

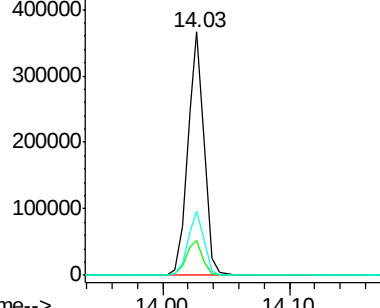
236 26.5 20.7 31.1



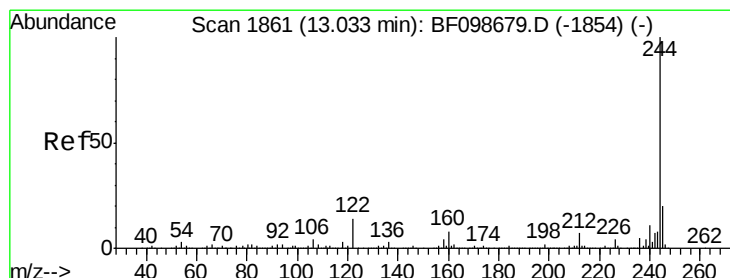
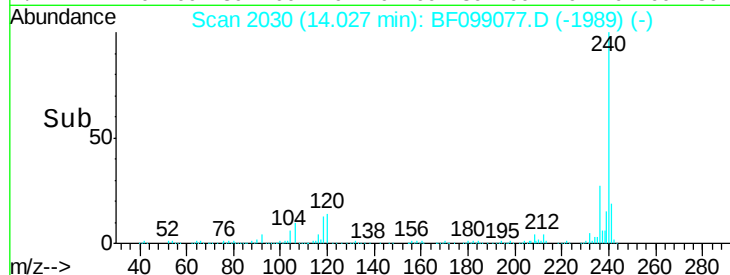
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 94.29 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099077.D

Acq: 4 Oct 2017 20:04

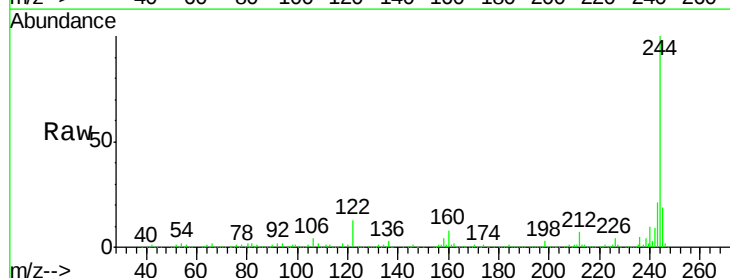
Tgt Ion:244 Resp: 1361708

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

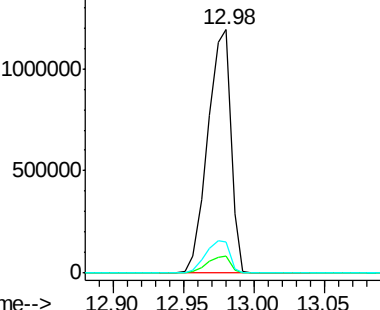
122 12.8 11.0 16.4



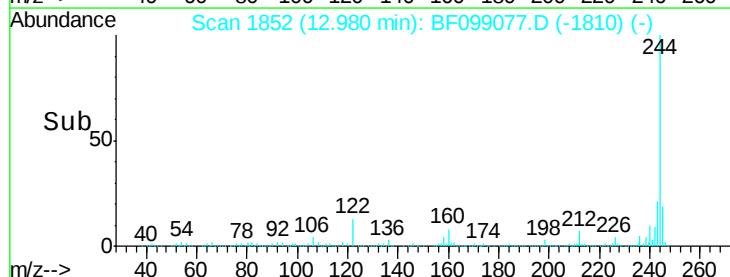
Abundance Ion 244.00 (243.70 to 244.70): E

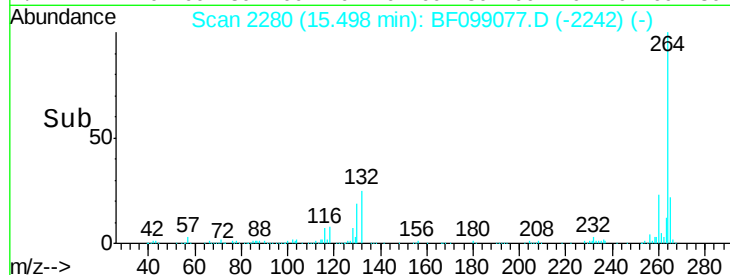
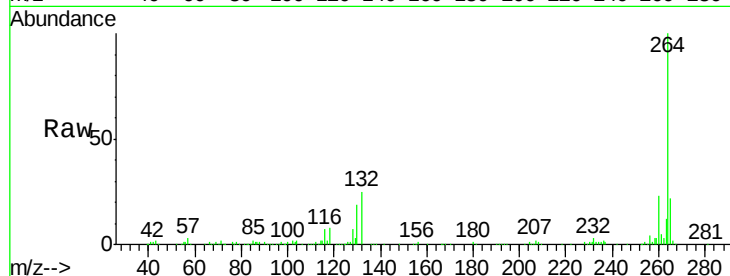
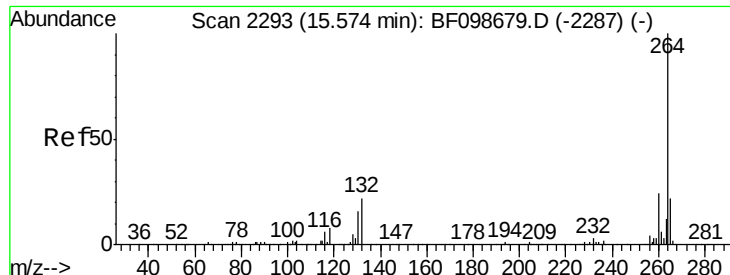
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.08 min
 Lab File: BF099077.D
 Acq: 4 Oct 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.4	17.5	26.3

