

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087069.D
 Acq On : 15 May 2016 14:59
 Operator : UM/SJ
 Sample : H2992-02
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-16(0.5-6.0)

Quant Time: May 16 04:58:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

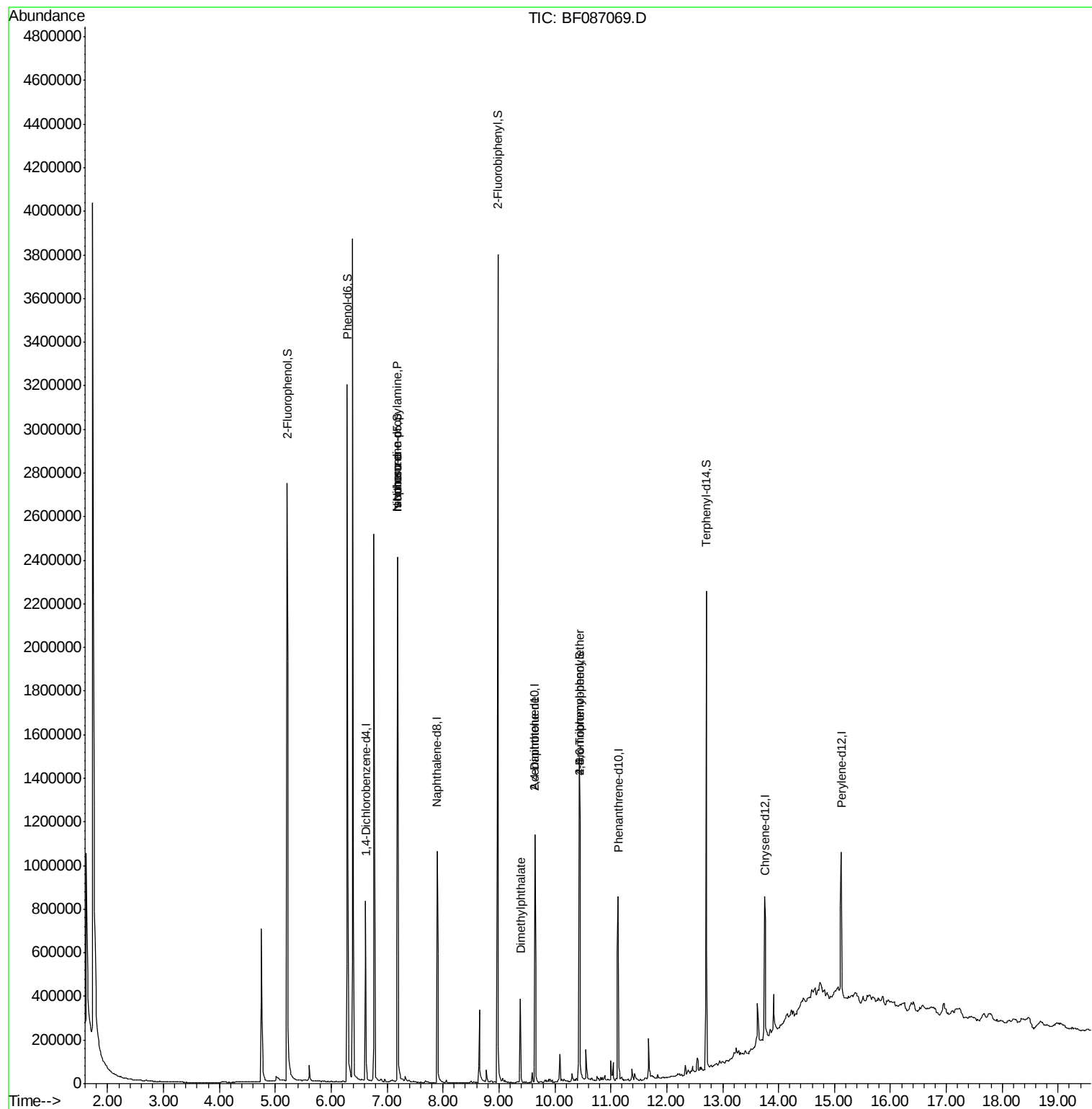
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	147097	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	558021	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	245537	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	402703	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	294042	20.00	ng	-0.08
86) Perylene-d12	15.12	264	303179	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	899736	103.59	ng	-0.08
7) Phenol-d6	6.28	99	1069587	92.14	ng	-0.08
23) Nitrobenzene-d5	7.19	82	758699	68.27	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	236408	90.95	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1115160	76.33	ng	-0.08
78) Terphenyl-d14	12.71	244	635162	45.83	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	108884	13.42	ng	# 71
25) Isophorone	7.19	82	751506	36.45	ng	# 68
49) Dimethylphthalate	9.38	163	136498	7.29	ng	99
56) 2,4-Dinitrotoluene	9.64	165	30308	6.21	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	14123	3.46	ng	# 1

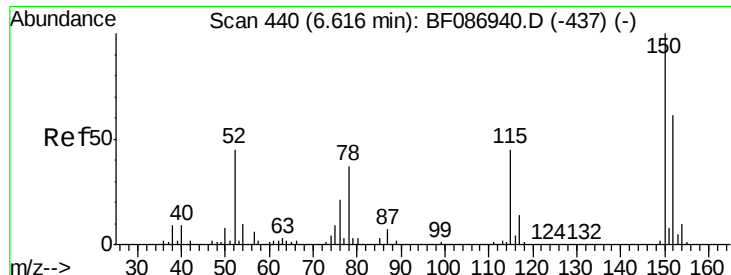
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.08 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-16(0.5-6.0)

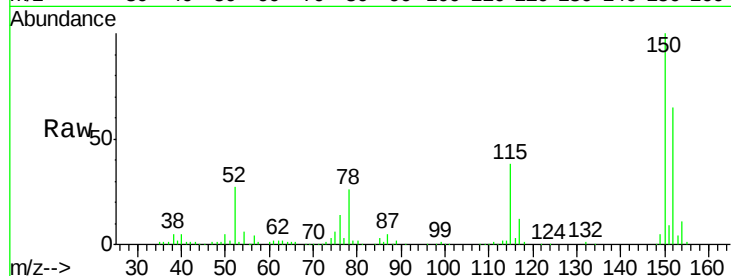
Tgt Ion:152 Resp: 147097

Ion Ratio Lower Upper

152 100

150 152.7 125.8 188.6

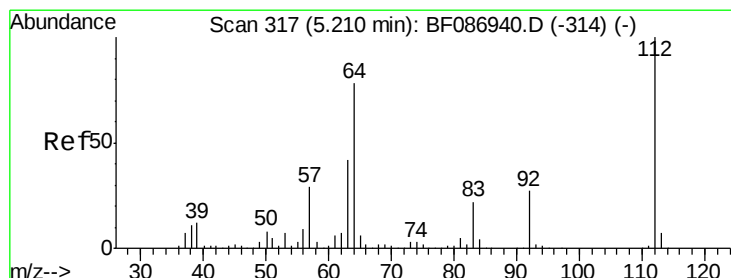
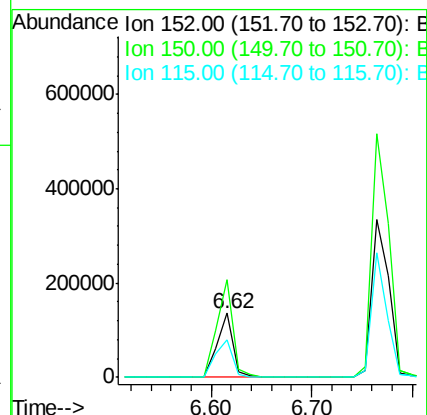
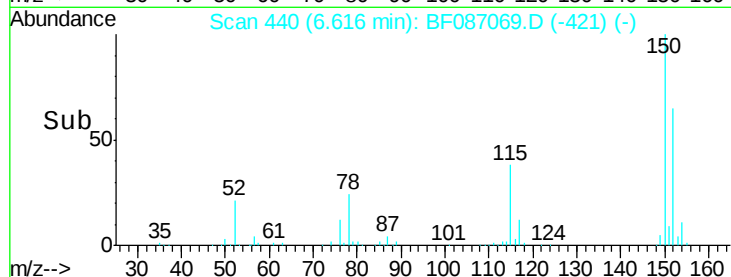
115 58.4 51.5 77.3



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: 103.59 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

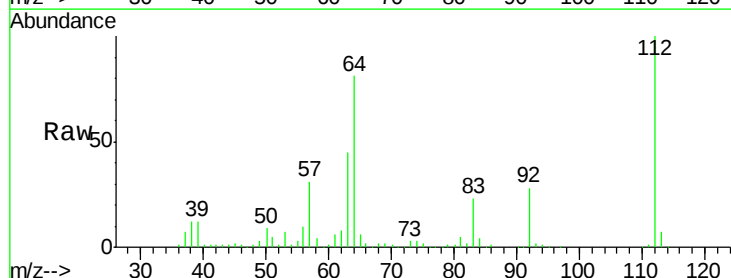
Tgt Ion:112 Resp: 899736

Ion Ratio Lower Upper

112 100

64 80.8 52.1 78.1#

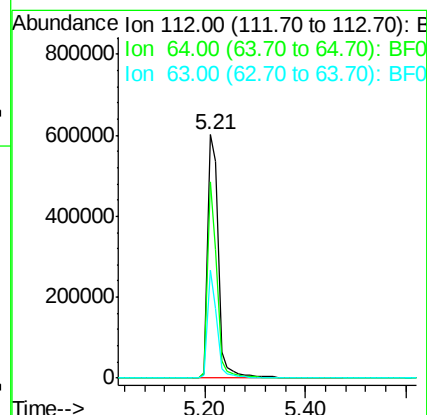
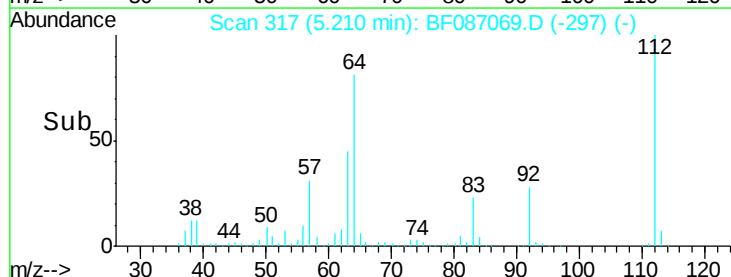
63 44.6 25.7 38.5#

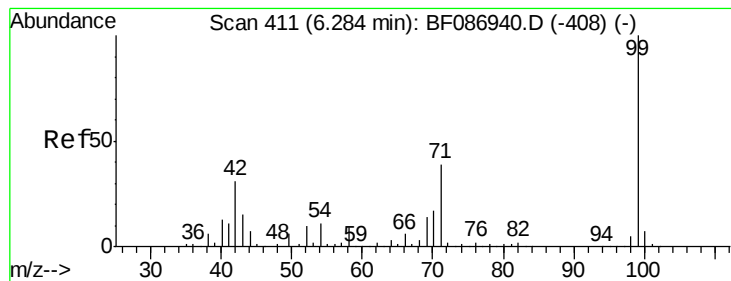


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.14 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-16(0.5-6.0)

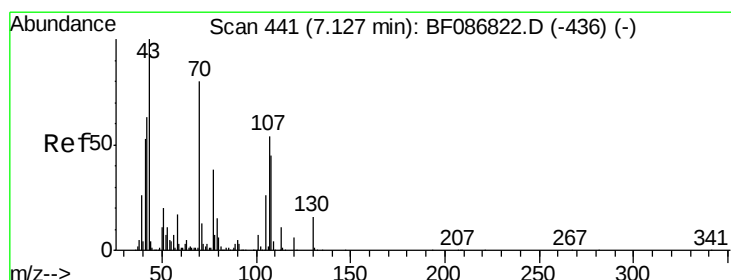
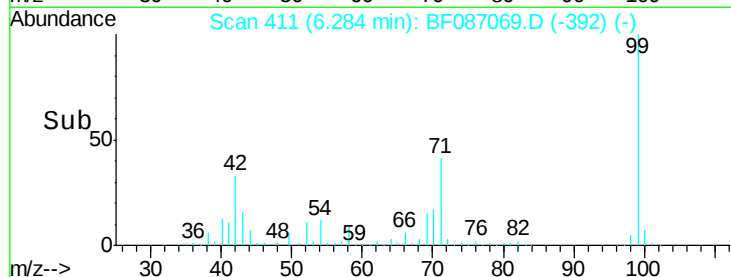
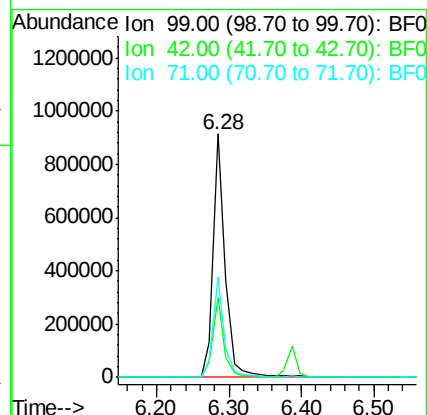
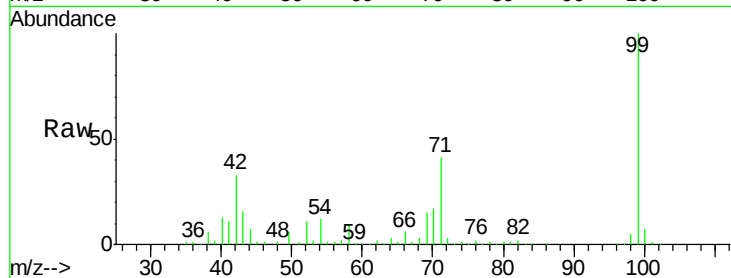
Tgt Ion: 99 Resp: 1069587

Ion Ratio Lower Upper

99 100

42 32.6 13.6 20.4#

71 41.1 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 13.42 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

Tgt Ion: 70 Resp: 108884

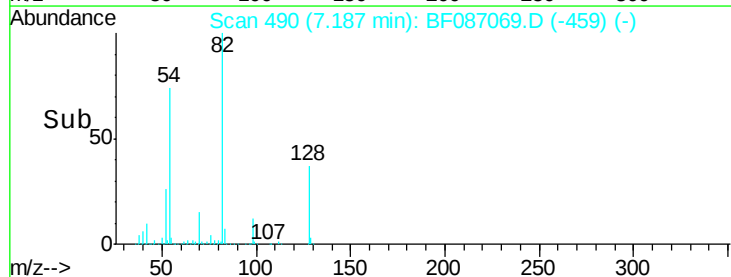
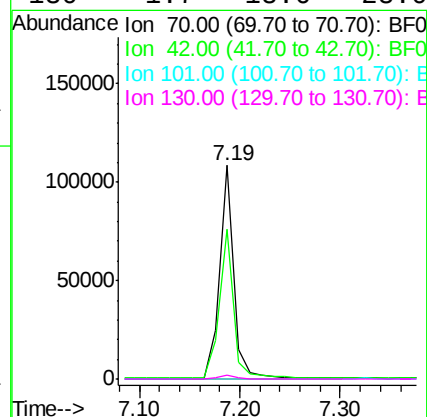
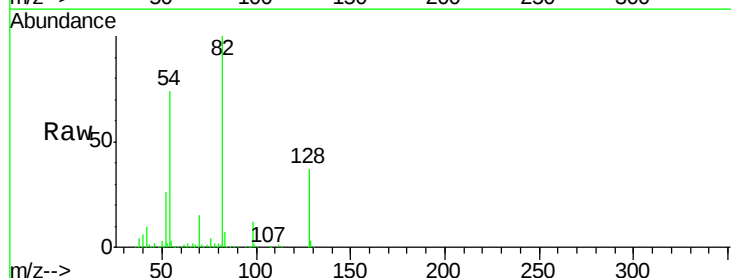
Ion Ratio Lower Upper

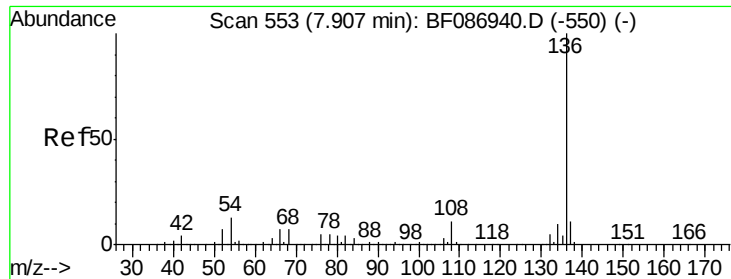
70 100

42 70.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

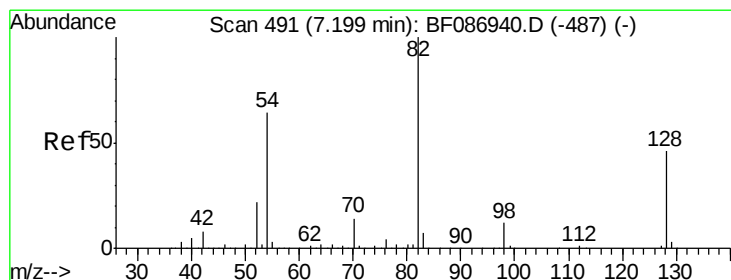
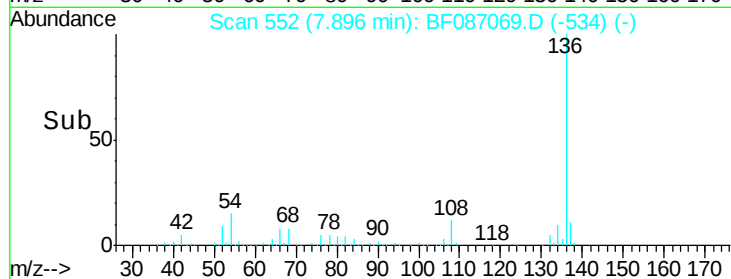
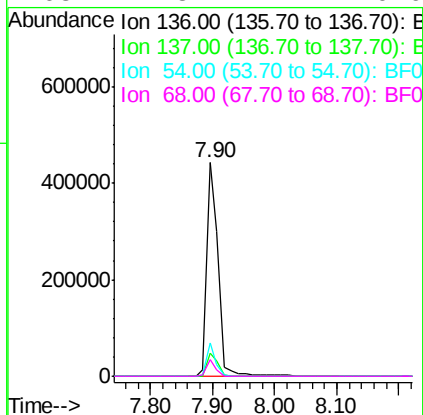
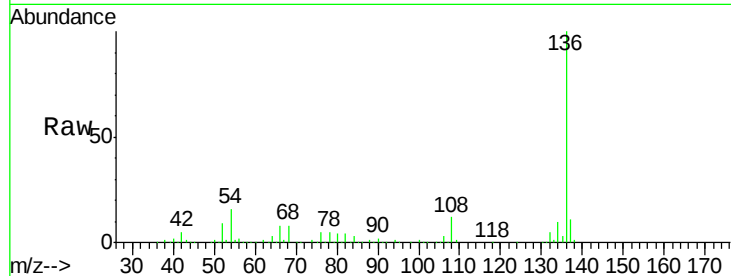




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087069.D
Acq: 15 May 2016 14:59

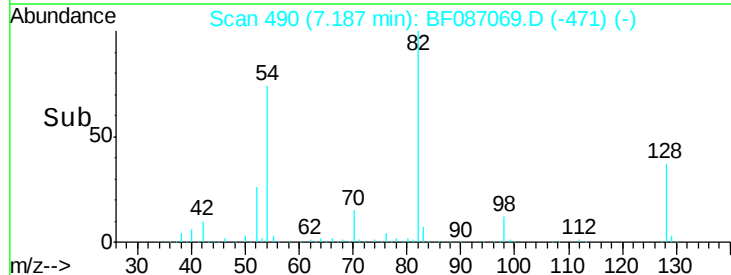
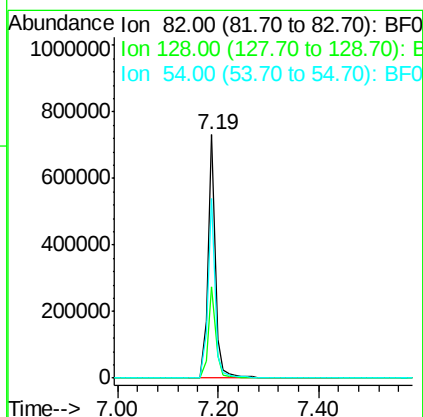
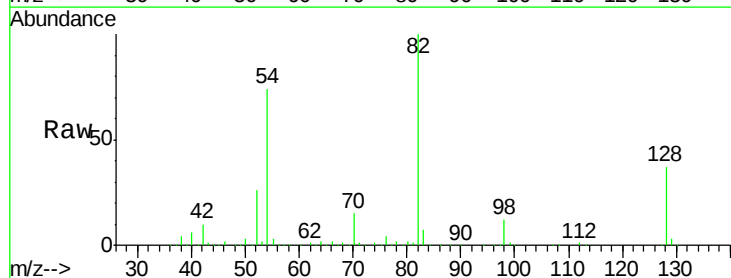
Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-16(0.5-6.0)

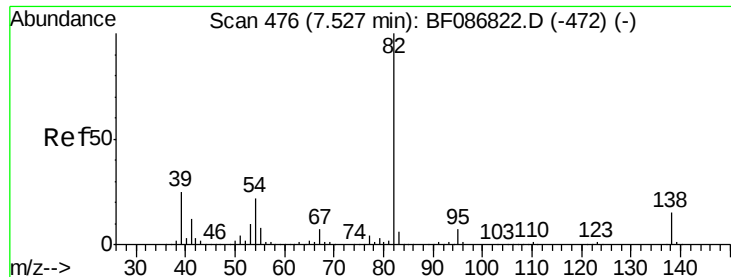
Tgt Ion:	136	Resp:	558021
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	15.6	5.0	7.4#
68	7.8	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 68.27 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087069.D
Acq: 15 May 2016 14:59

Tgt Ion:	82	Resp:	758699
Ion	Ratio	Lower	Upper
82	100		
128	37.5	40.6	61.0#
54	73.7	38.1	57.1#





#25

Isophorone

Concen: 36.45 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-16(0.5-6.0)

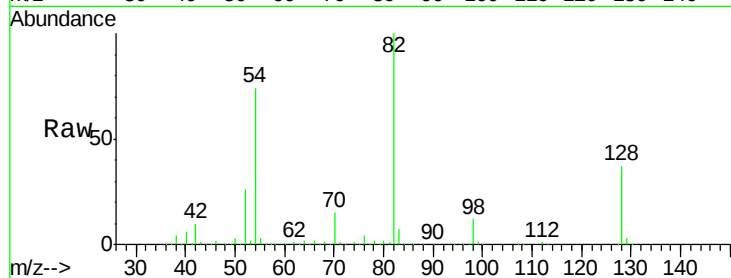
Tgt Ion: 82 Resp: 751506

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

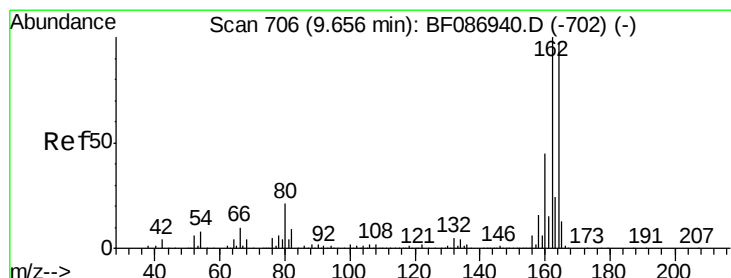
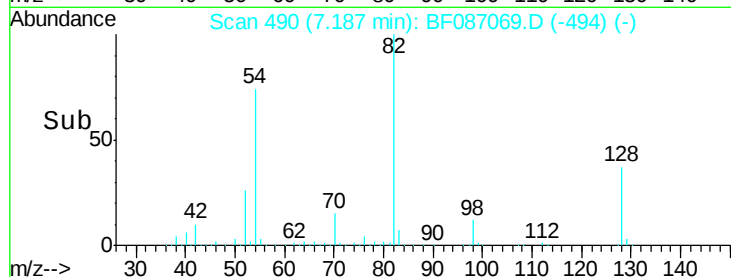
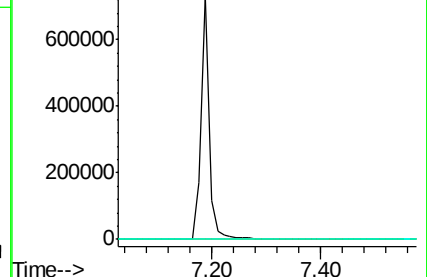
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF086822.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BF086822.D (-472) (-)

Ion 138.00 (137.70 to 138.70): BF086822.D (-472) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

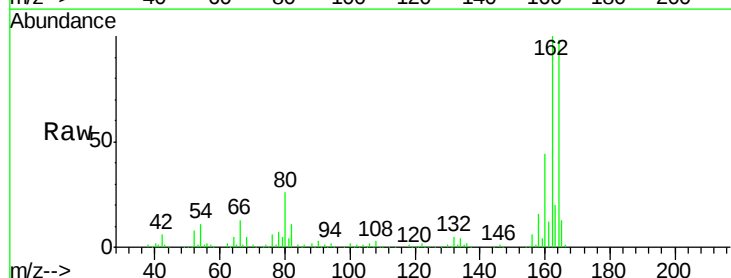
Tgt Ion: 164 Resp: 245537

Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

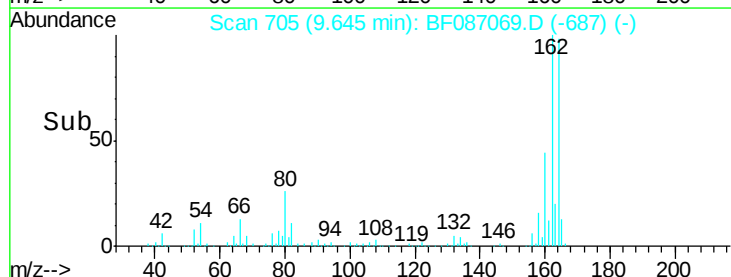
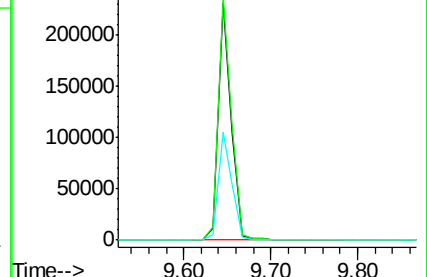
160 45.6 36.9 55.3

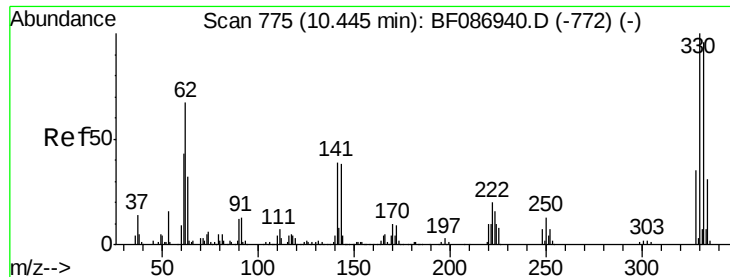


Abundance Ion 164.00 (163.70 to 164.70): BF086940.D (-702) (-)

Ion 162.00 (161.70 to 162.70): BF086940.D (-702) (-)

Ion 160.00 (159.70 to 160.70): BF086940.D (-702) (-)

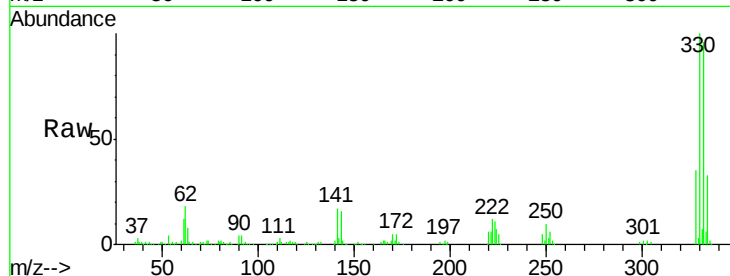




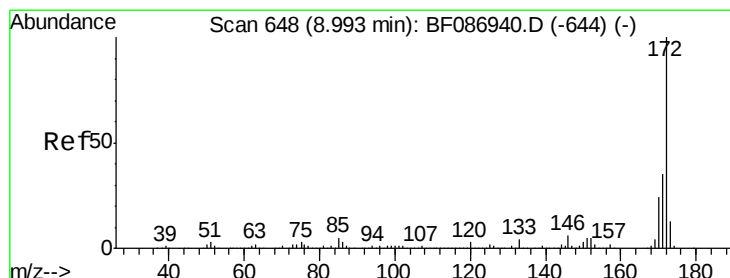
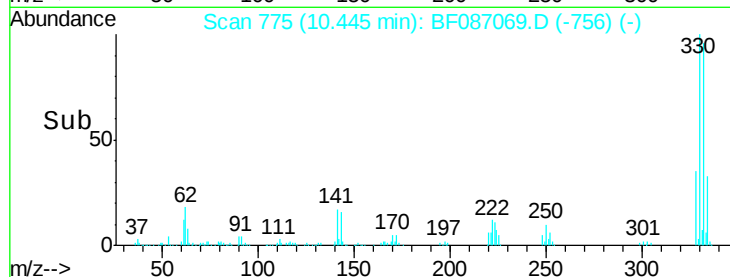
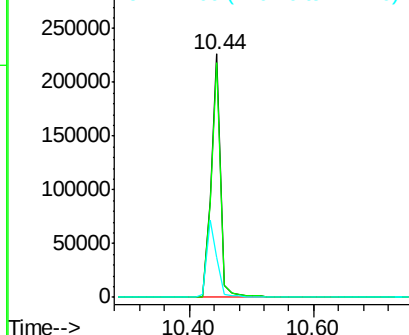
#41
 2,4,6-Tribromophenol
 Concen: 90.95 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087069.D
 Acq: 15 May 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-16(0.5-6.0)

Tgt Ion:330 Resp: 236408
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 35.2 31.2 46.8

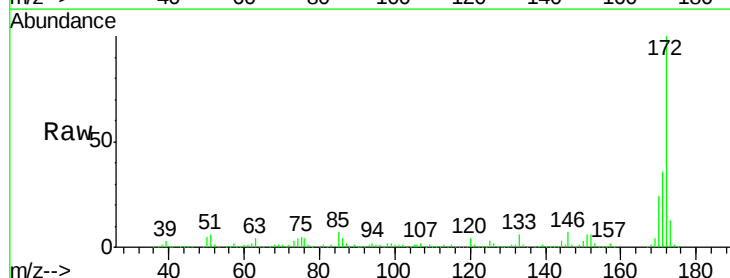


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

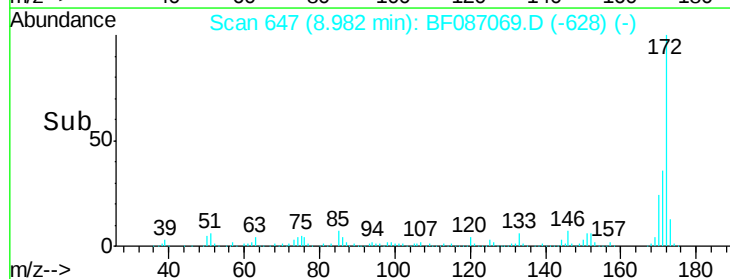
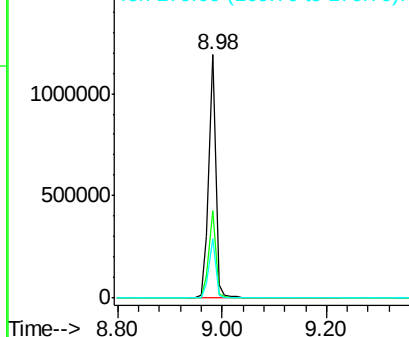


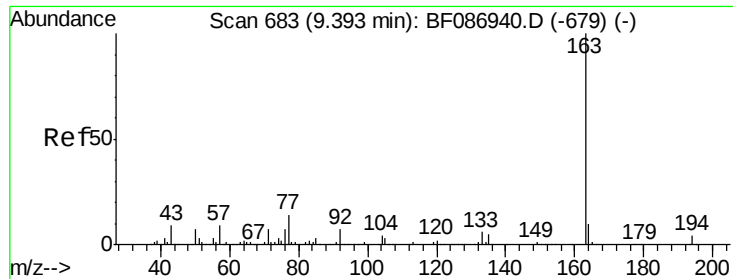
#44
 2-Fluorobiphenyl
 Concen: 76.33 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087069.D
 Acq: 15 May 2016 14:59

Tgt Ion:172 Resp: 1115160
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.3 19.8 29.8



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

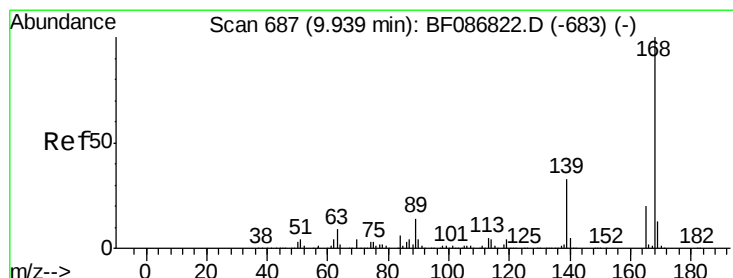
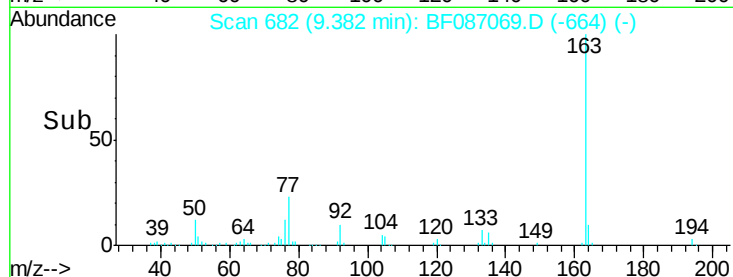
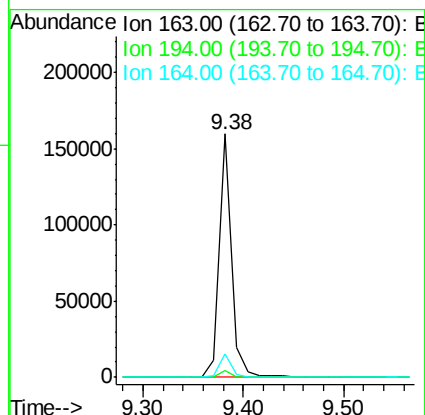
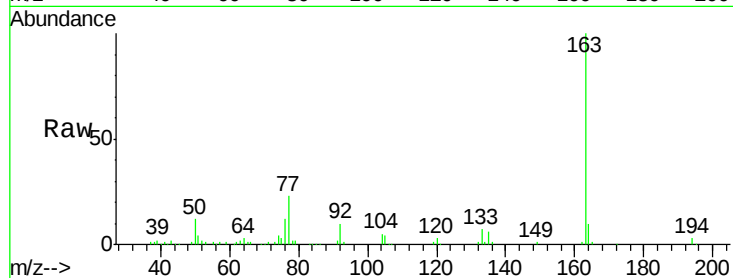




#49
Dimethylphthalate
Concen: 7.29 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF087069.D
Acq: 15 May 2016 14:59

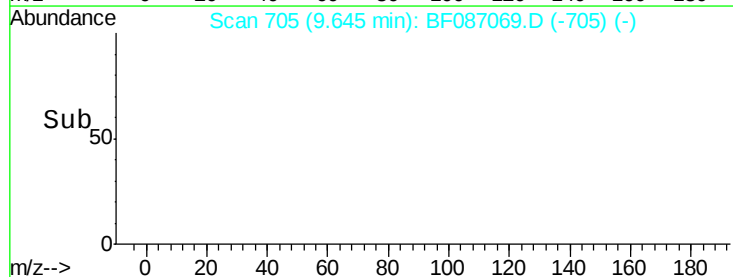
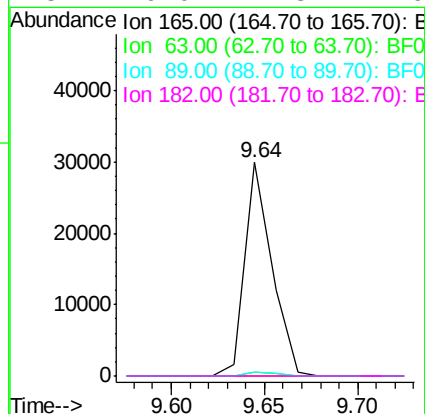
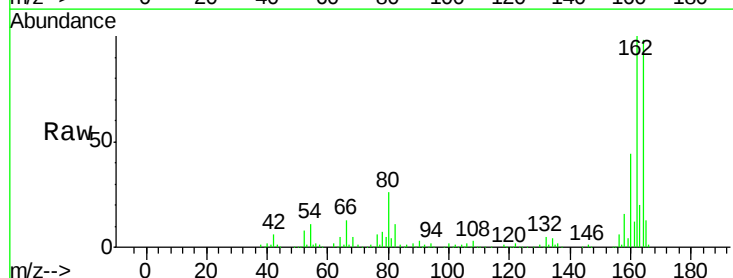
Instrument :
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90THAVE-SB-16(0.5-6.0)

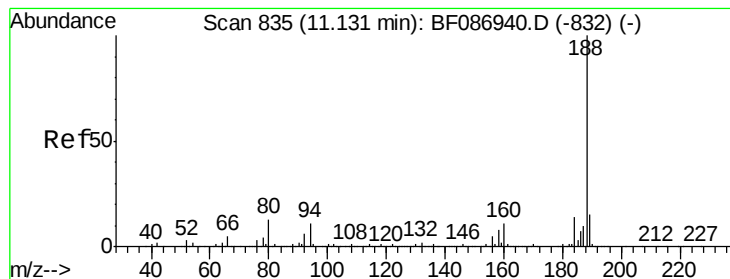
Tgt Ion:163 Resp: 136498
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.9 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF087069.D
Acq: 15 May 2016 14:59

Tgt Ion:165 Resp: 30308
Ion Ratio Lower Upper
165 100
63 2.0 44.3 66.5#
89 2.1 70.0 105.0#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.08 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-16(0.5-6.0)

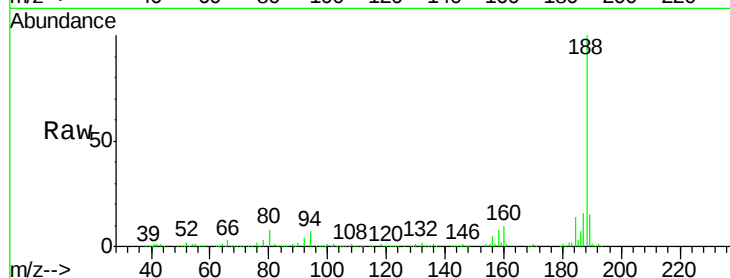
Tgt Ion:188 Resp: 402703

Ion Ratio Lower Upper

188 100

94 7.3 6.8 10.2

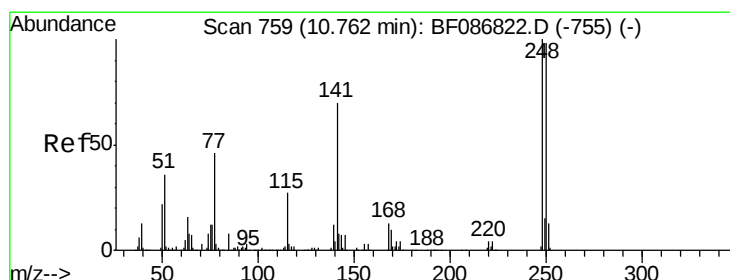
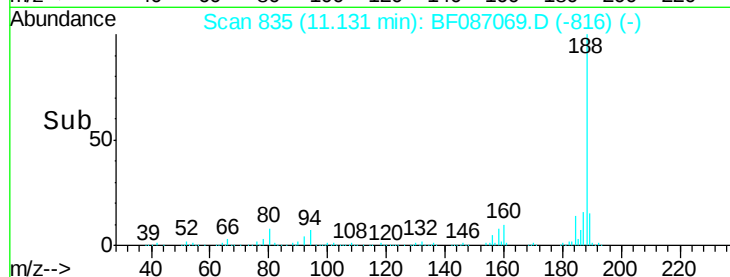
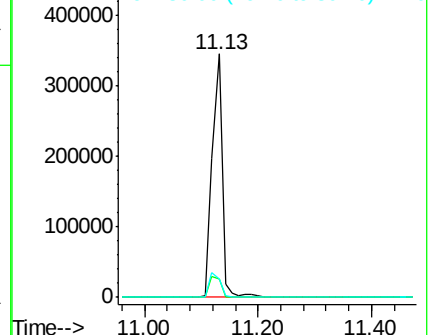
80 7.5 7.1 10.7



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: 3.46 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.32 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

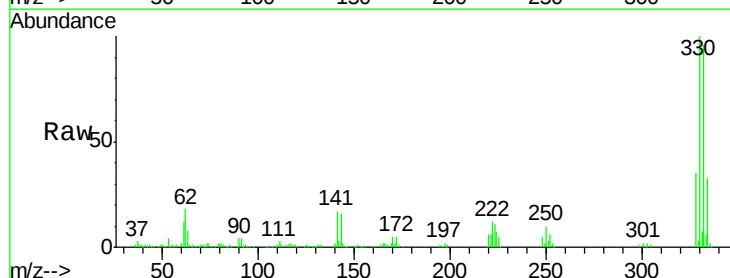
Tgt Ion:248 Resp: 14123

Ion Ratio Lower Upper

248 100

250 195.1 78.6 117.8#

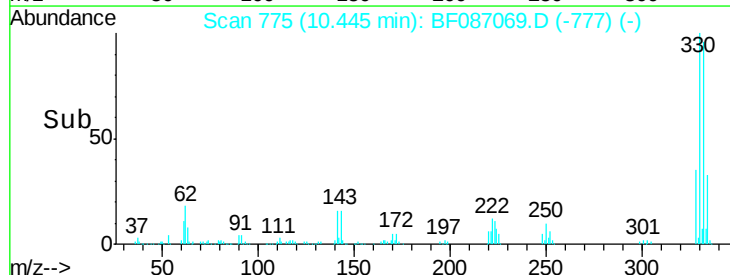
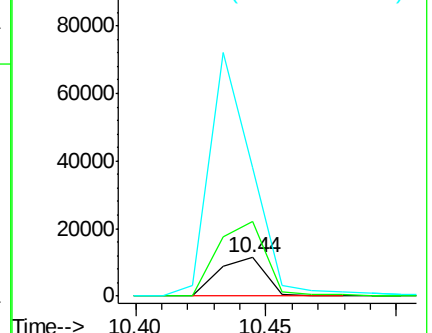
141 333.5 76.0 114.0#

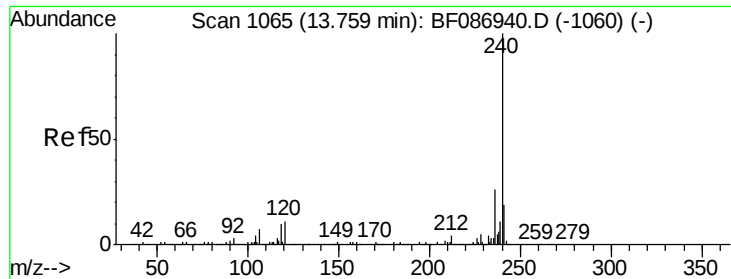


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-16(0.5-6.0)

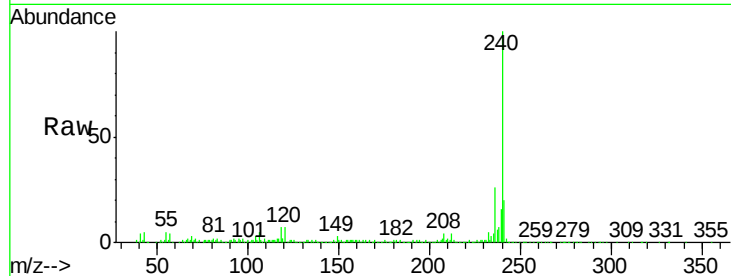
Tgt Ion:240 Resp: 294042

Ion Ratio Lower Upper

240 100

120 7.3 11.2 16.8#

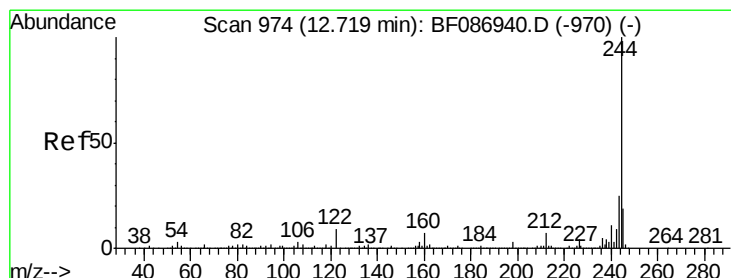
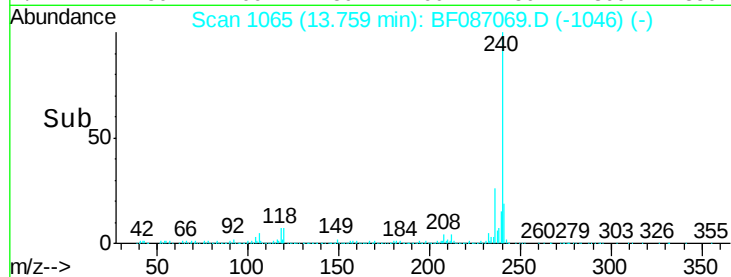
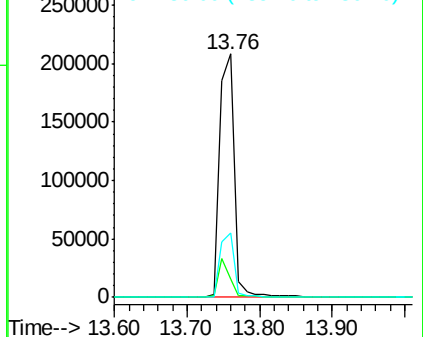
236 26.4 21.2 31.8



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: 45.83 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087069.D

Acq: 15 May 2016 14:59

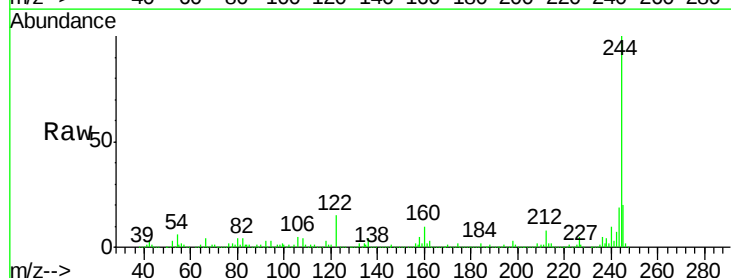
Tgt Ion:244 Resp: 635162

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

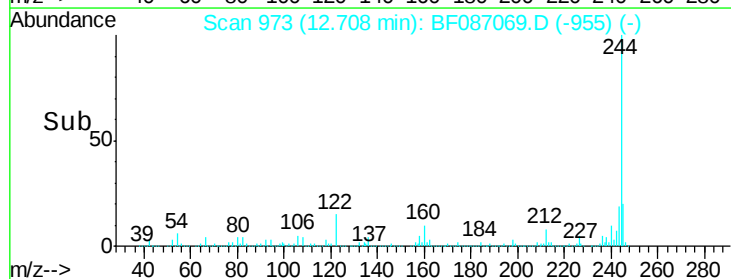
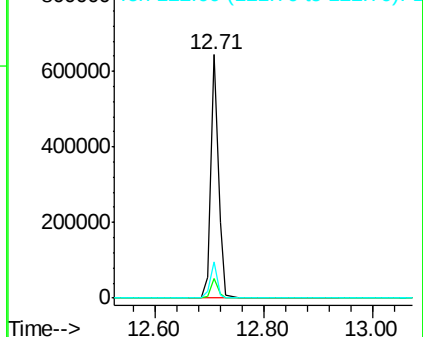
122 14.8 12.0 18.0

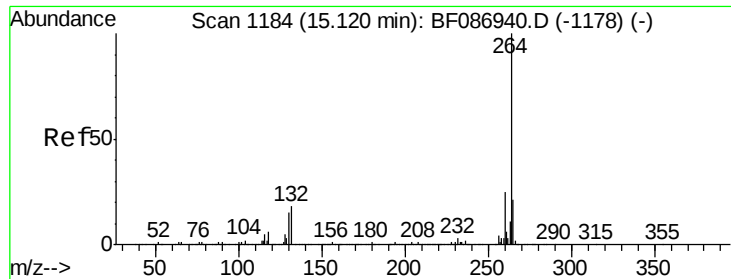


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BF087069.D
Acq: 15 May 2016 14:59

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-16(0.5-6.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.2	17.3	25.9

