

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086985.D
 Acq On : 13 May 2016 22:21
 Operator : UM/SJ
 Sample : H2992-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-26(0.5-10.0)

Quant Time: May 13 23:20:04 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 23:02:21 2016
 Response via : Initial Calibration

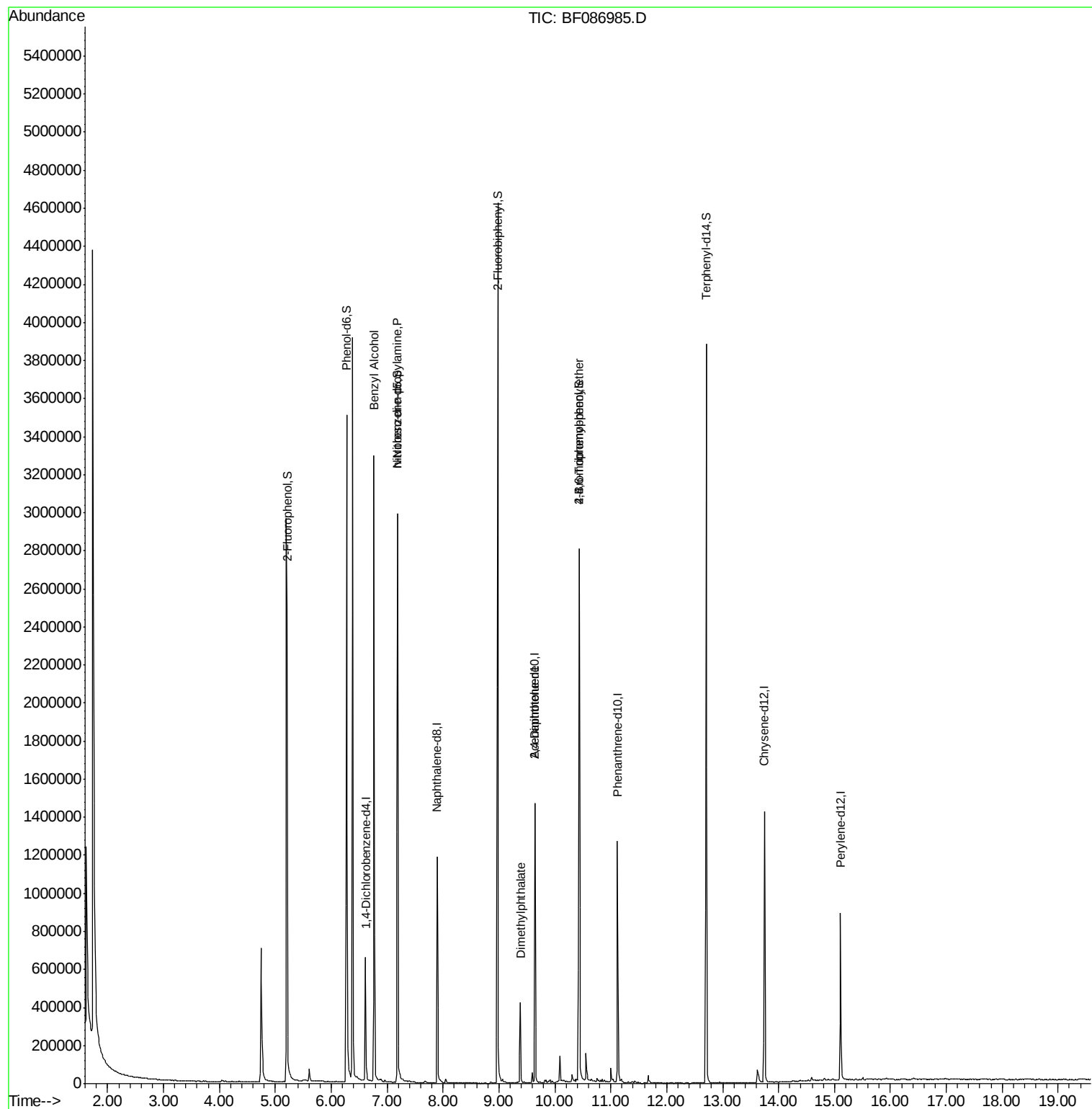
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	134311	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	562499	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	277473	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	519713	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	475354	20.00	ng	-0.01
86) Perylene-d12	15.11	264	357633	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1061965	133.90	ng	0.01
7) Phenol-d6	6.27	99	1342487	126.66	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1019383	91.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	359559	122.40	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1551491	93.97	ng	0.00
78) Terphenyl-d14	12.71	244	1417077	63.25	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.76	79	15329	2.09	ng	# 41
19) n-Nitroso-di-n-propylamine	7.19	70	145244	19.61	ng	# 75
49) Dimethylphthalate	9.38	163	177142	8.37	ng	99
56) 2,4-Dinitrotoluene	9.64	165	35541	6.45	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	21521	4.08	ng	# 1

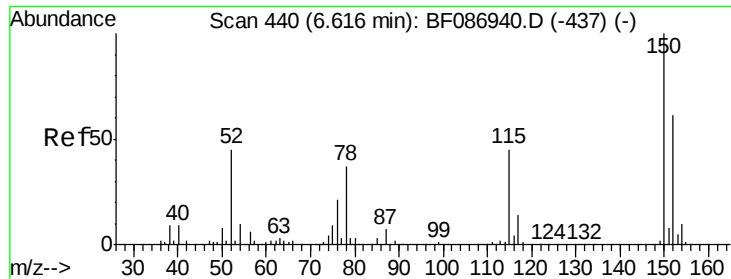
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-26(0.5-10.0)

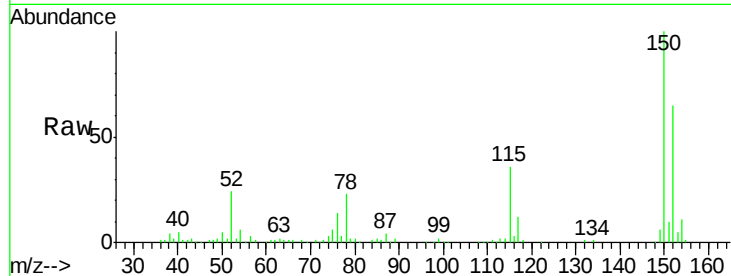
Tgt Ion:152 Resp: 134311

Ion Ratio Lower Upper

152 100

150 153.7 125.8 188.6

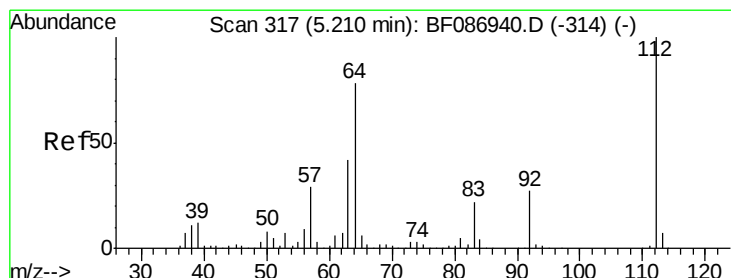
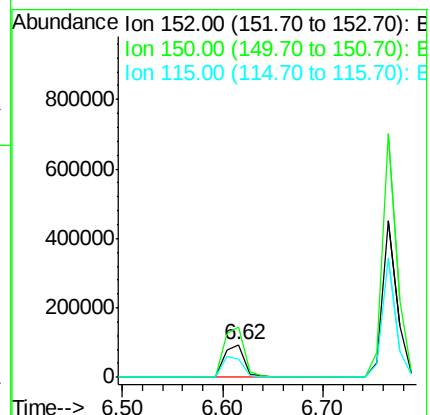
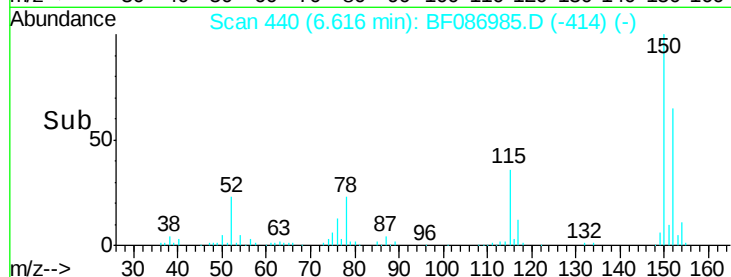
115 55.6 51.5 77.3



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: 133.90 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

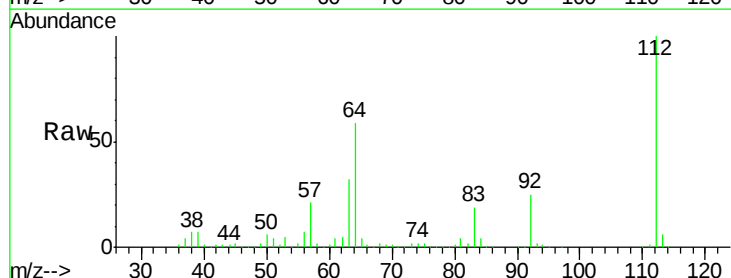
Tgt Ion:112 Resp: 1061965

Ion Ratio Lower Upper

112 100

64 58.7 52.1 78.1

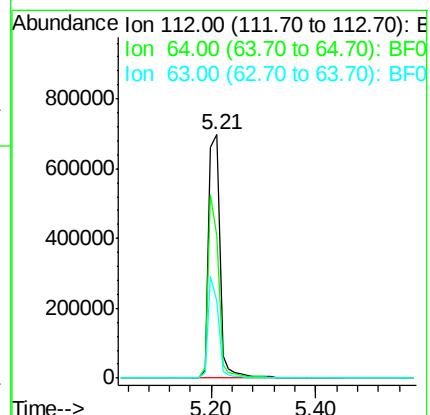
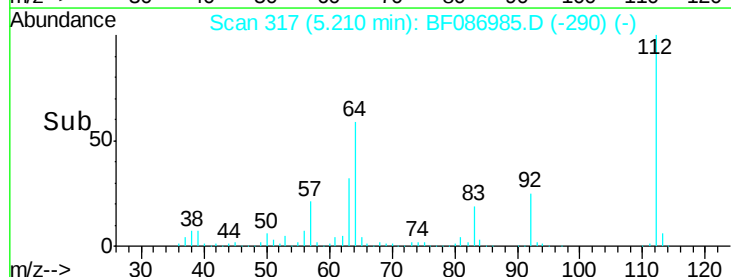
63 31.8 25.7 38.5

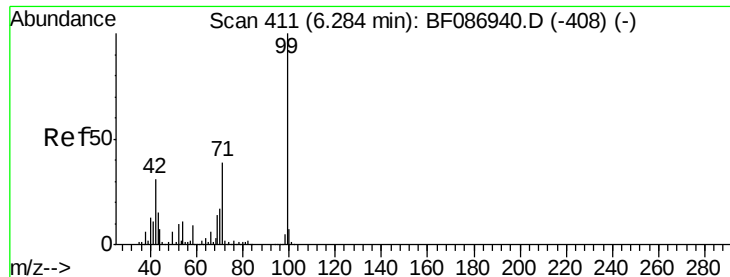


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.66 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-26(0.5-10.0)

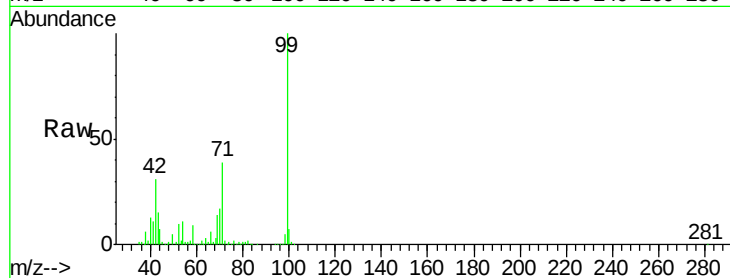
Tgt Ion: 99 Resp: 1342487

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

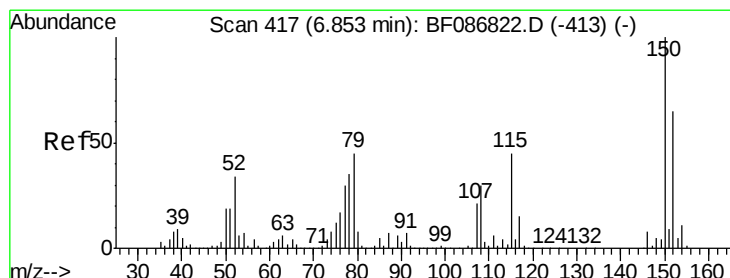
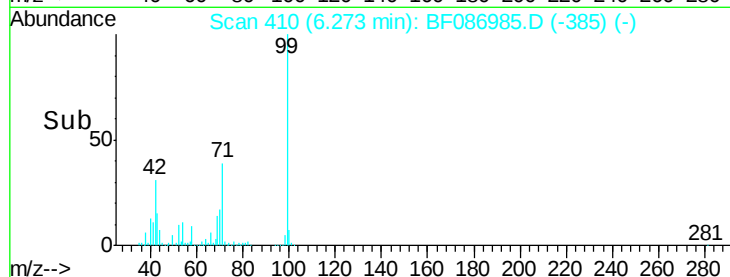
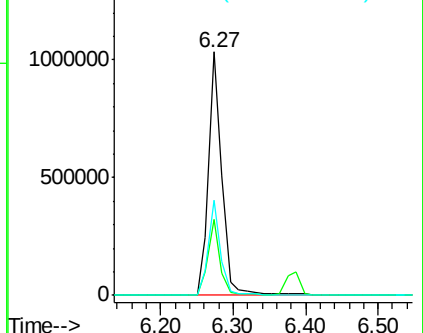
71 39.3 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

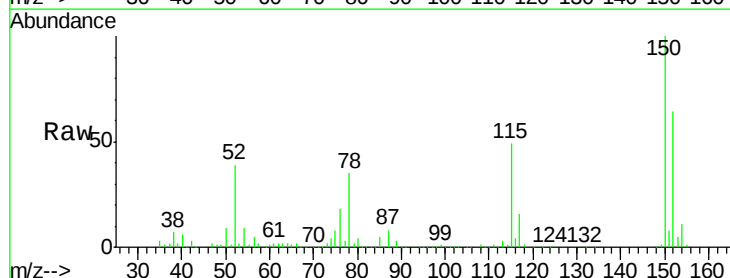
Tgt Ion: 79 Resp: 15329

Ion Ratio Lower Upper

79 100

108 31.2 68.4 102.6#

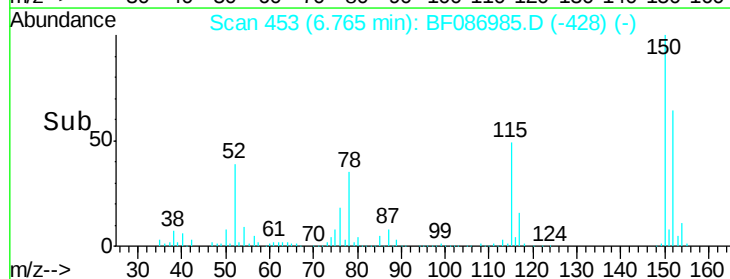
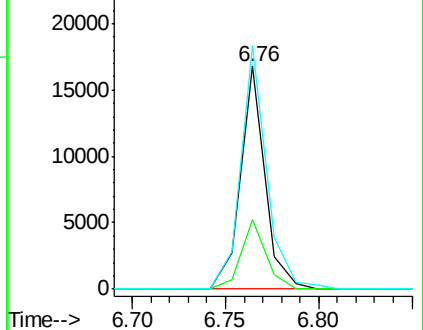
77 109.4 50.6 76.0#

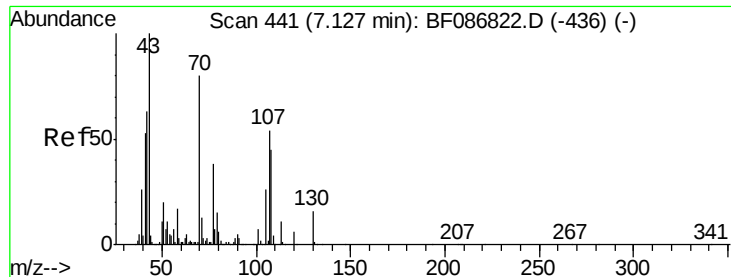


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

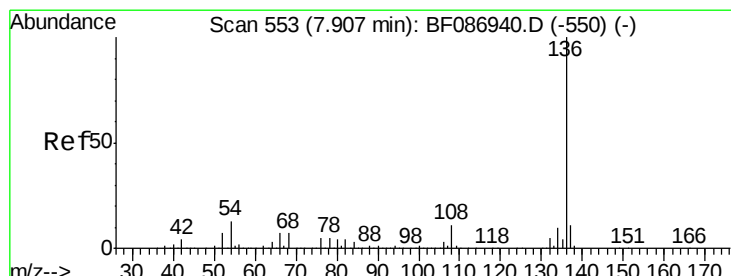
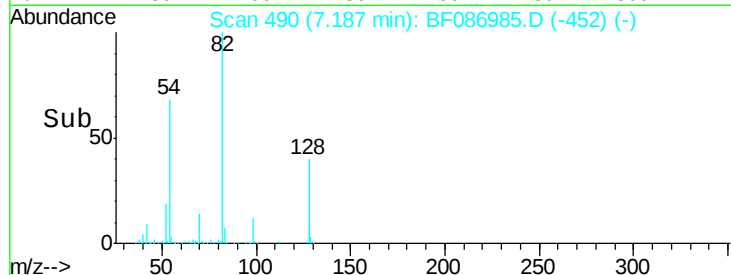
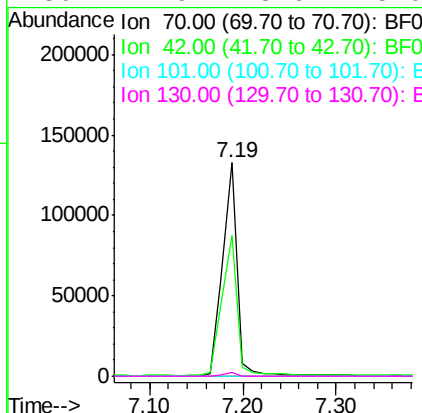
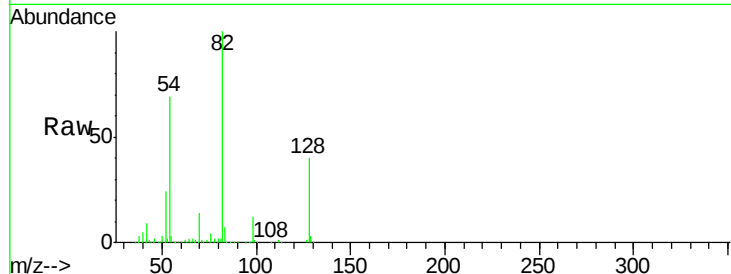




#19
n-Nitroso-di-n-propylamine
Concen: 19.61 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.14 min
Lab File: BF086985.D
Acq: 13 May 2016 22:21

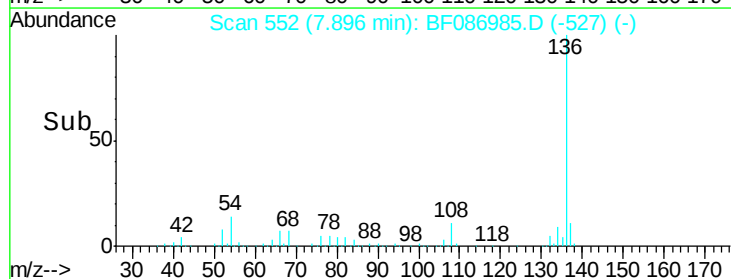
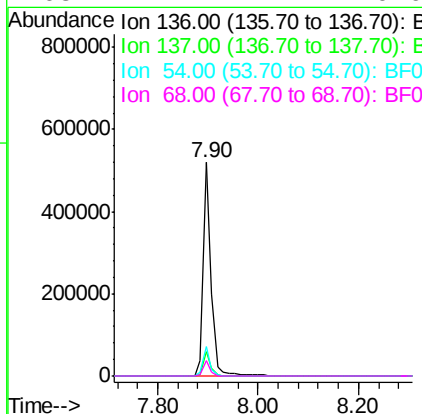
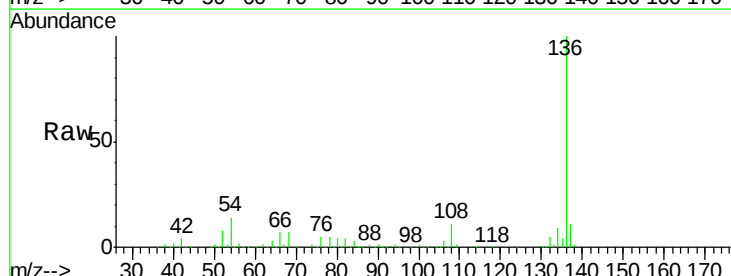
Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-26(0.5-10.0)

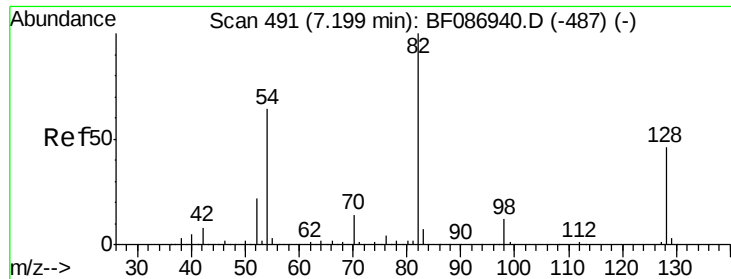
Tgt Ion: 70 Resp: 145244
Ion Ratio Lower Upper
70 100
42 66.1 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF086985.D
Acq: 13 May 2016 22:21

Tgt Ion: 136 Resp: 562499
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 14.1 5.0 7.4#
68 7.4 4.4 6.6#

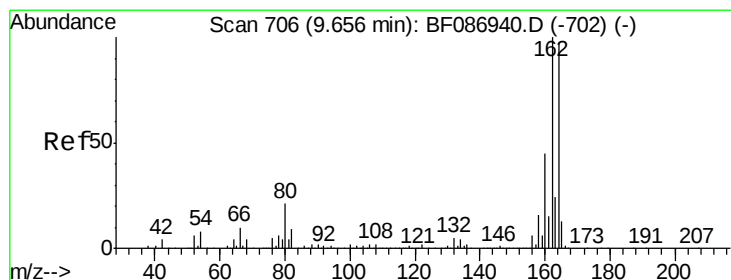
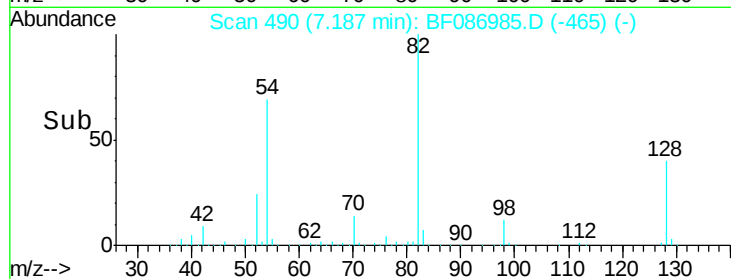
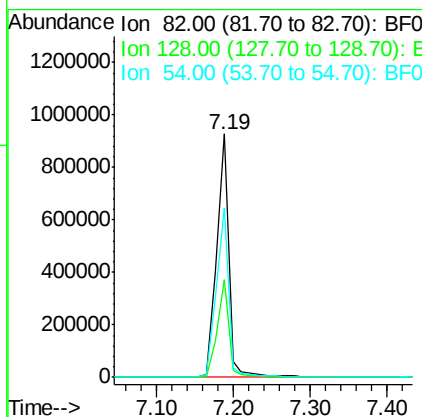
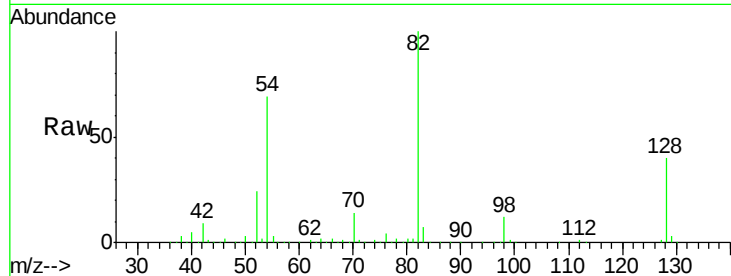




#23
 Nitrobenzene-d5
 Concen: 91.00 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF086985.D
 Acq: 13 May 2016 22:21

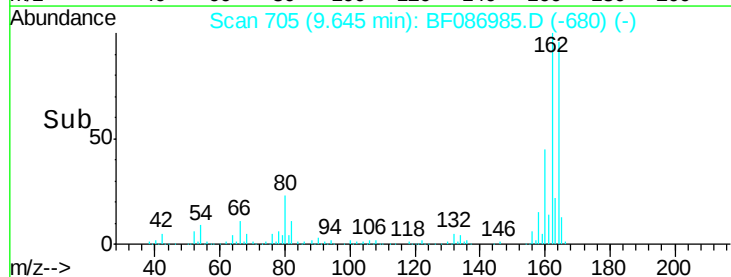
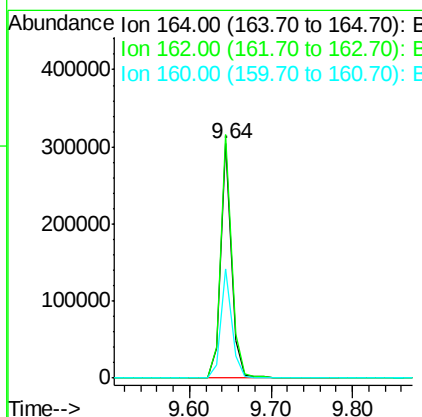
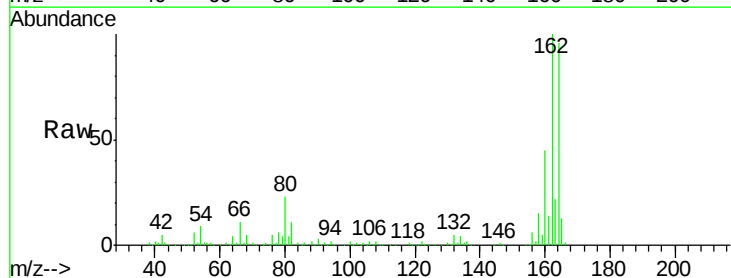
Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-26(0.5-10.0)

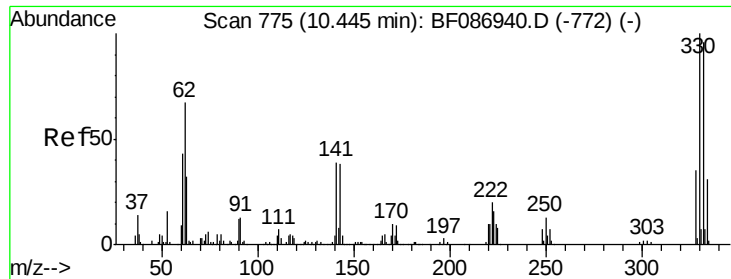
Tgt Ion: 82 Resp: 1019383
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.6 61.0#
 54 69.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF086985.D
 Acq: 13 May 2016 22:21

Tgt Ion: 164 Resp: 277473
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 46.7 36.9 55.3

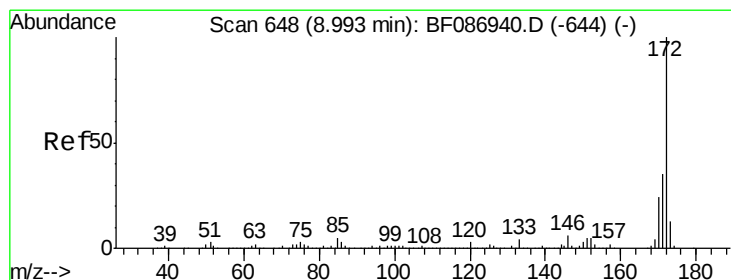
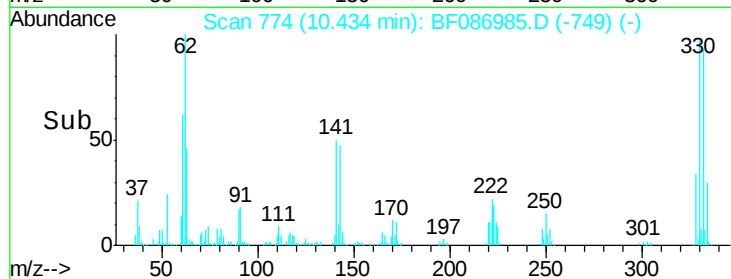
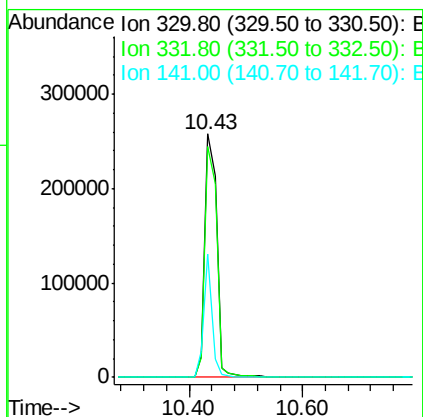
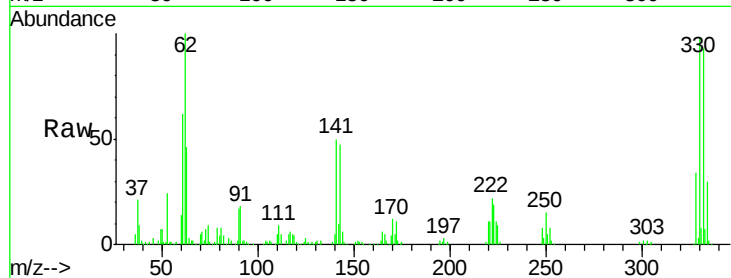




#41
 2,4,6-Tribromophenol
 Concen: 122.40 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF086985.D
 Acq: 13 May 2016 22:21

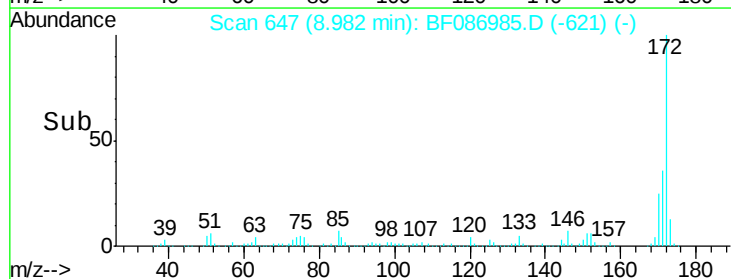
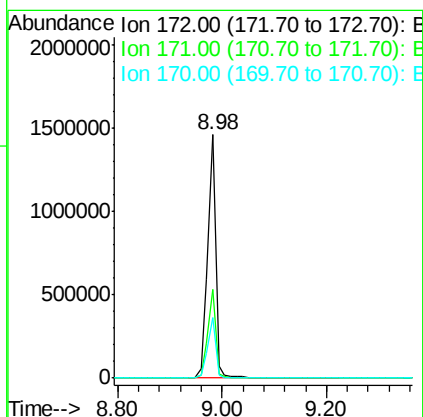
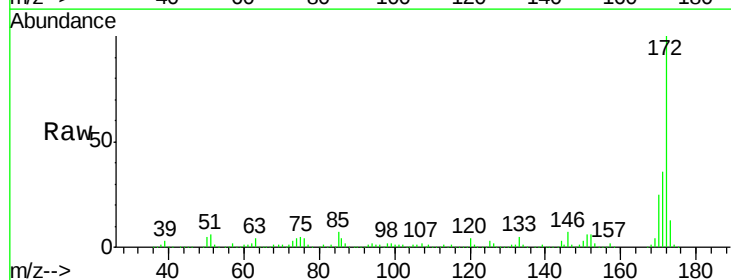
Instrument :
 BNA_F
 ClientSampleId :
 90THAVE-SB-26(0.5-10.0)

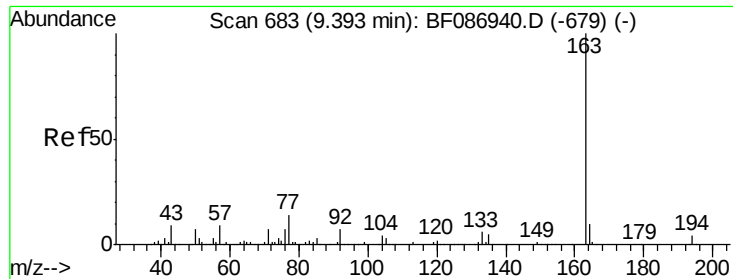
Tgt Ion:330 Resp: 359559
 Ion Ratio Lower Upper
 330 100
 332 95.3 79.0 118.4
 141 35.7 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 93.97 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086985.D
 Acq: 13 May 2016 22:21

Tgt Ion:172 Resp: 1551491
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.6 19.8 29.8





#49

Dimethylphthalate

Concen: 8.37 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-26(0.5-10.0)

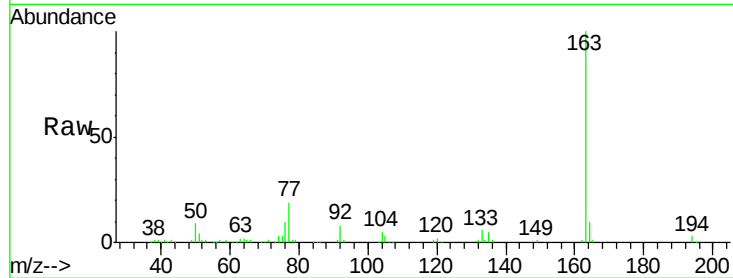
Tgt Ion:163 Resp: 177142

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

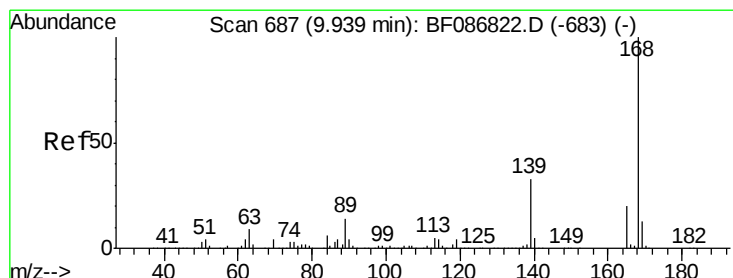
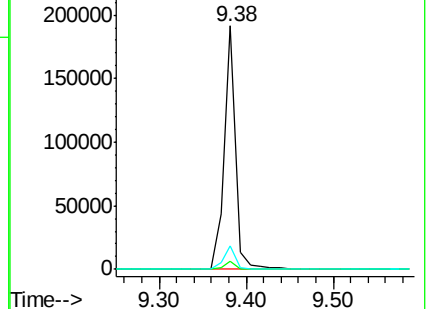
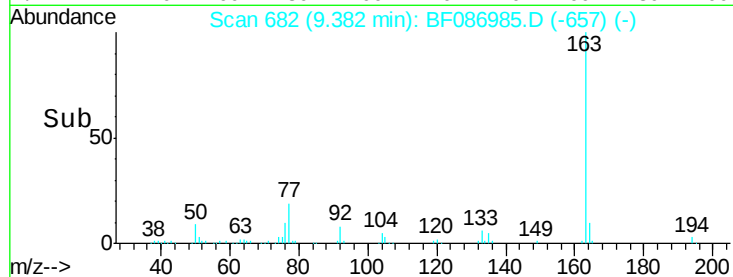
164 9.7 8.2 12.4



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: 6.45 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.22 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

Tgt Ion:165 Resp: 35541

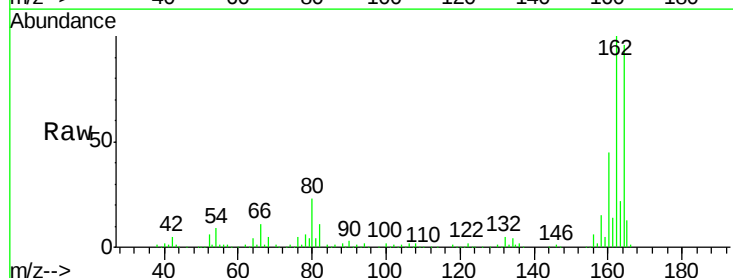
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

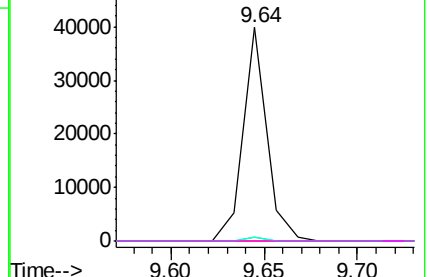
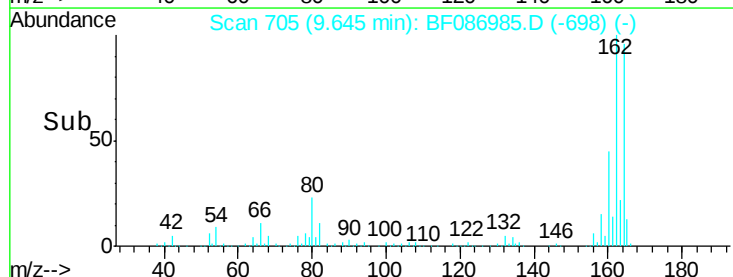


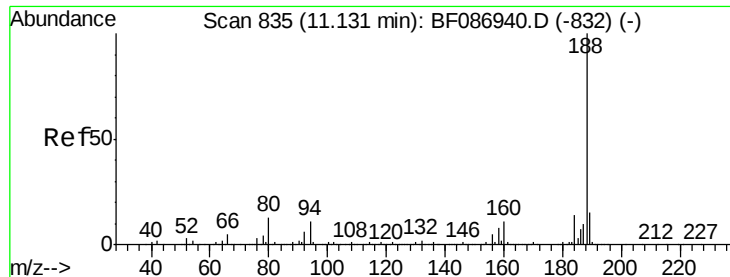
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-26(0.5-10.0)

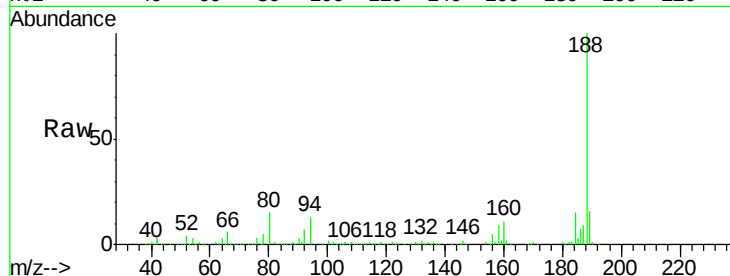
Tgt Ion:188 Resp: 519713

Ion Ratio Lower Upper

188 100

94 13.5 6.8 10.2#

80 15.0 7.1 10.7#

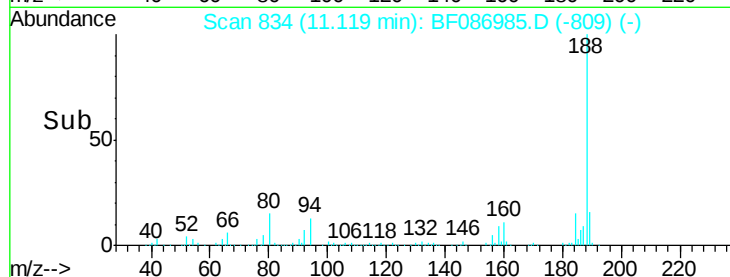


Abundance Ion 188.00 (187.70 to 188.70): E

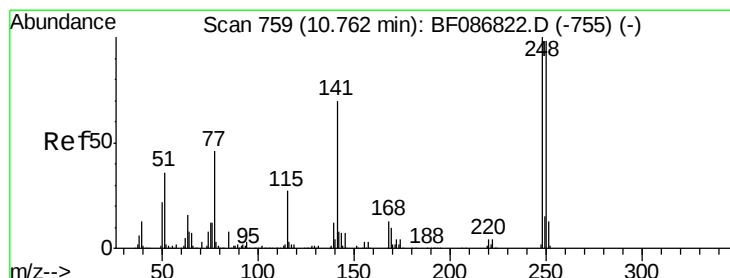
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.12



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.08 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.25 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

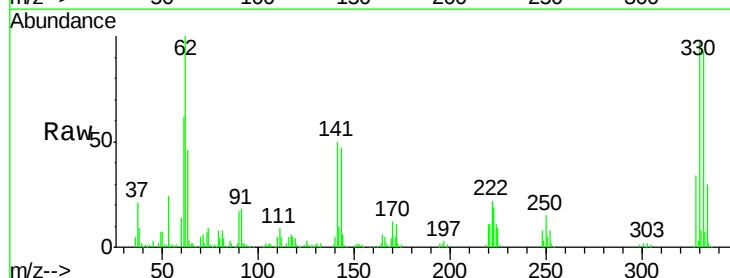
Tgt Ion:248 Resp: 21521

Ion Ratio Lower Upper

248 100

250 195.7 78.6 117.8#

141 659.9 76.0 114.0#

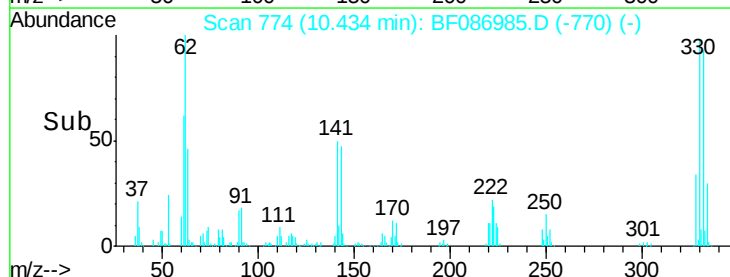


Abundance Ion 248.00 (247.70 to 248.70): E

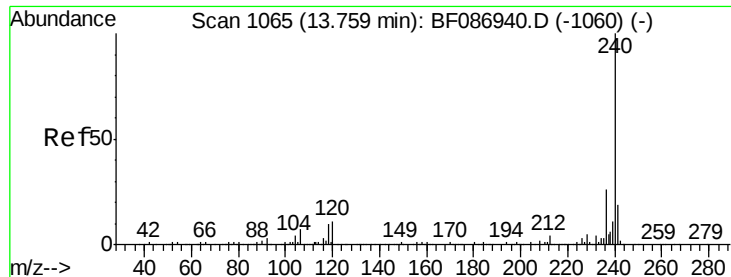
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10.43



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

Instrument :

BNA_F

ClientSampleId :

90THAVE-SB-26(0.5-10.0)

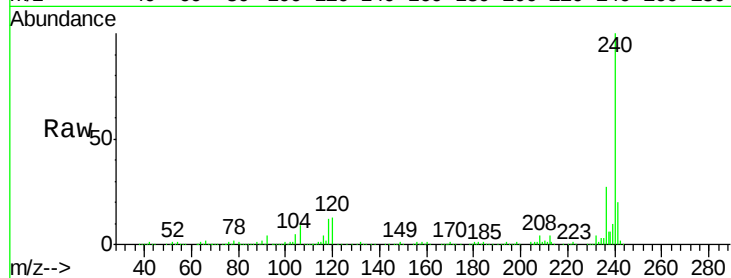
Tgt Ion:240 Resp: 475354

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

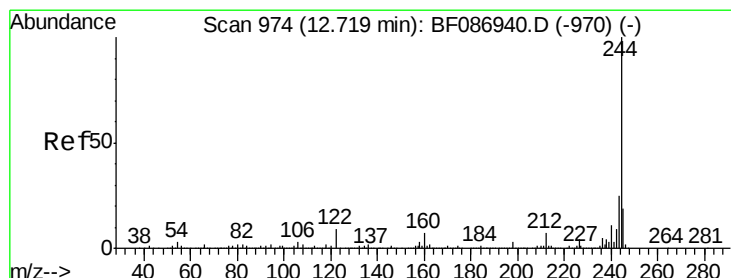
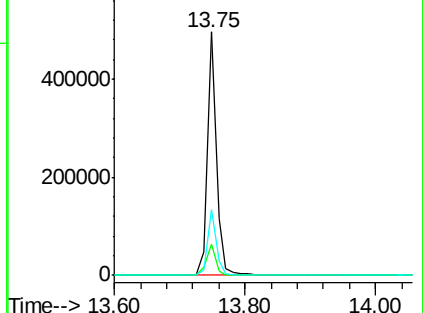
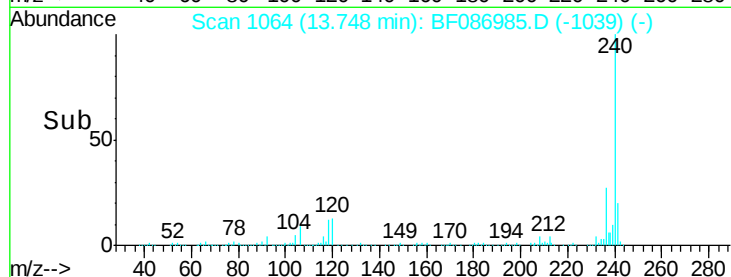
236 27.2 21.2 31.8



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: 63.25 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086985.D

Acq: 13 May 2016 22:21

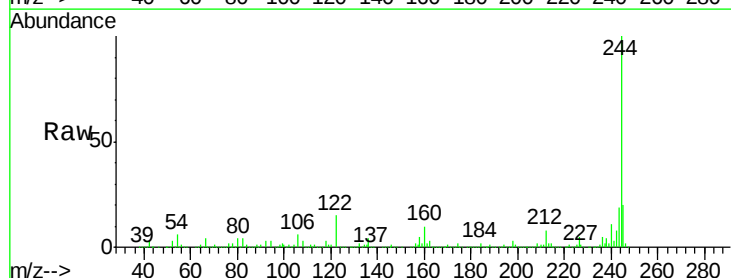
Tgt Ion:244 Resp: 1417077

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

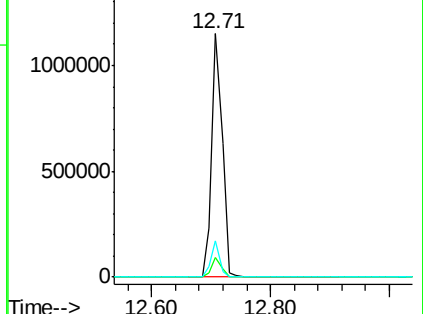
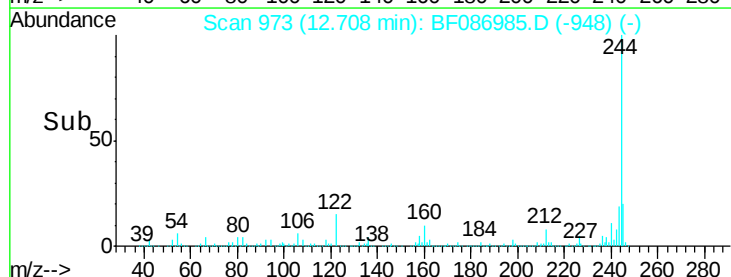
122 15.1 12.0 18.0

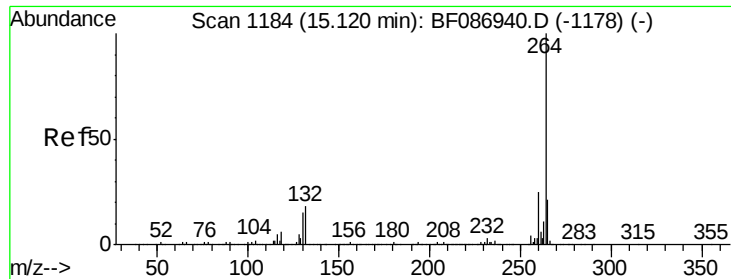


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF086985.D
Acq: 13 May 2016 22:21

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-26(0.5-10.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.8	17.3	25.9

