

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085992.D
 Acq On : 2 Apr 2016 5:56
 Operator : UM/SJ
 Sample : H2074-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP01

Quant Time: Apr 02 06:38:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

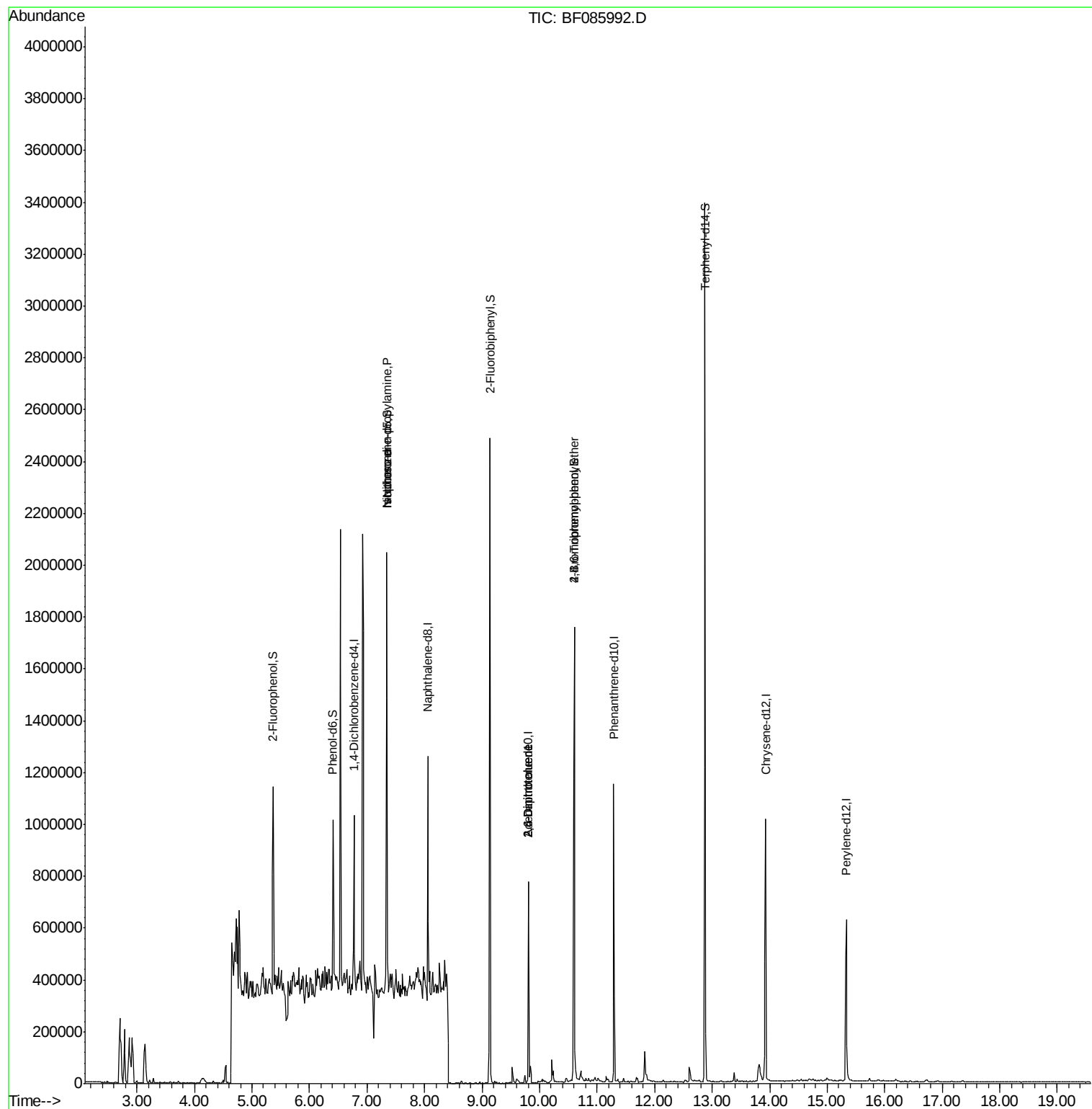
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	117600	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	453741	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	205942	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	419646	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	387235	20.00	ng	0.00
86) Perylene-d12	15.33	264	326297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	339492	49.34	ng	0.00
7) Phenol-d6	6.41	99	286768	32.82	ng	-0.01
23) Nitrobenzene-d5	7.34	82	721987	93.84	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	308434	159.57	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1204538	97.25	ng	0.00
78) Terphenyl-d14	12.88	244	1101208	66.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	94325	17.41	ng	# 74
25) Isophorone	7.34	82	715505	47.11	ng	# 68
50) 2,6-Dinitrotoluene	9.80	165	26116	8.09	ng	# 20
56) 2,4-Dinitrotoluene	9.80	165	26117	6.40	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	19537	4.56	ng	# 1

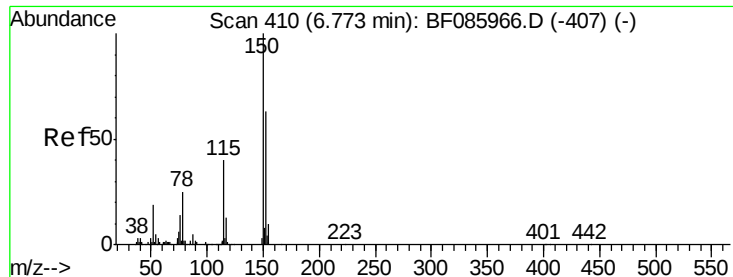
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

Instrument :

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ClientSampleId :

TWP01

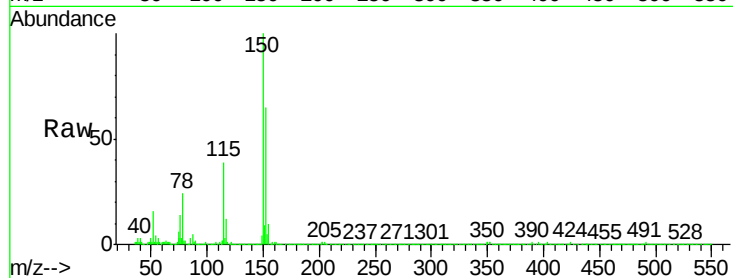
Tot Ion:152 Resp: 117600

Ion Ratio Lower Upper

152 100

150 153.5 124.2 186.2

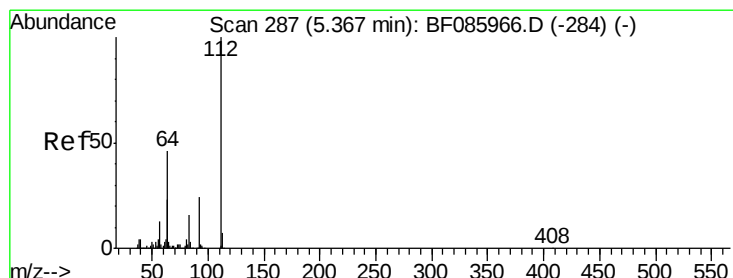
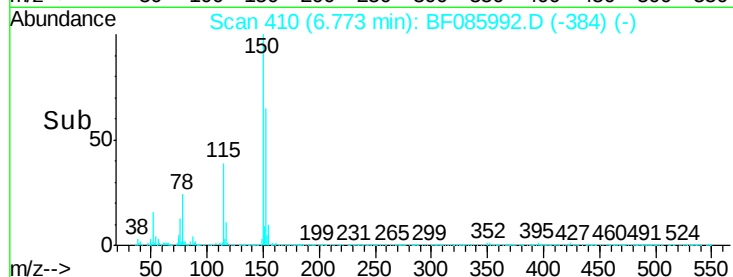
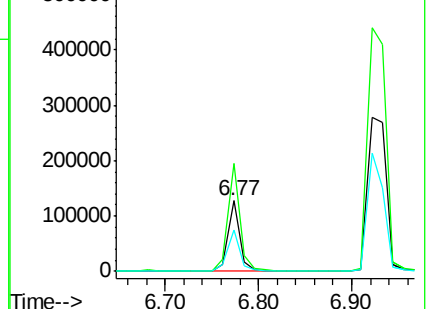
115 59.6 47.0 70.6



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: 49.34 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

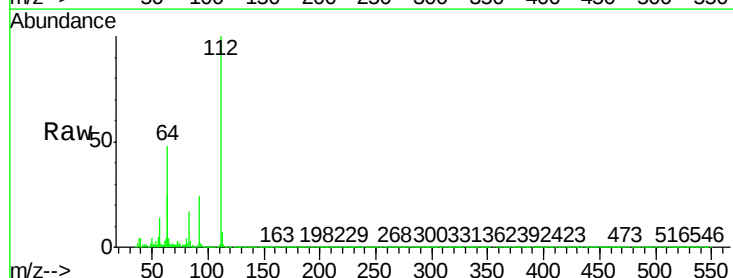
Tgt Ion:112 Resp: 339492

Ion Ratio Lower Upper

112 100

64 47.6 39.9 59.9

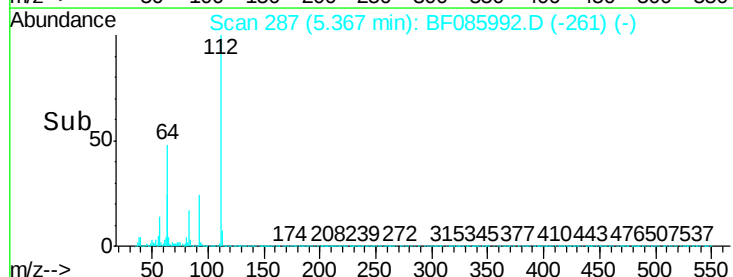
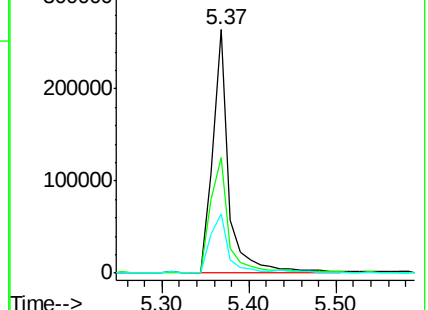
63 24.5 20.2 30.2

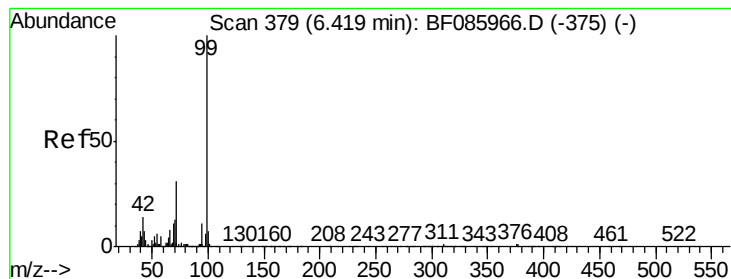


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.82 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

Instrument :

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ClientSampleId :

TWP01

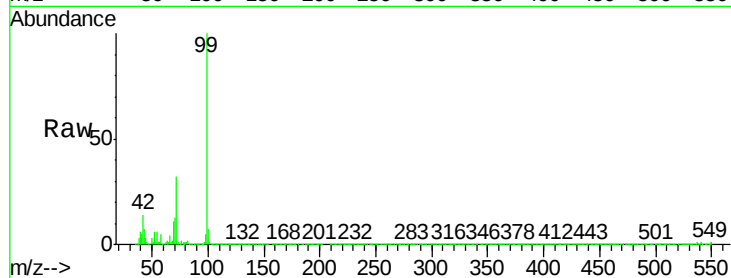
Tot Ion: 99 Resp: 286768

Ion Ratio Lower Upper

99 100

42 14.3 11.1 16.7

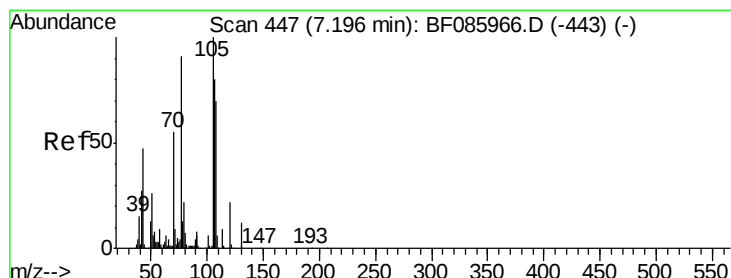
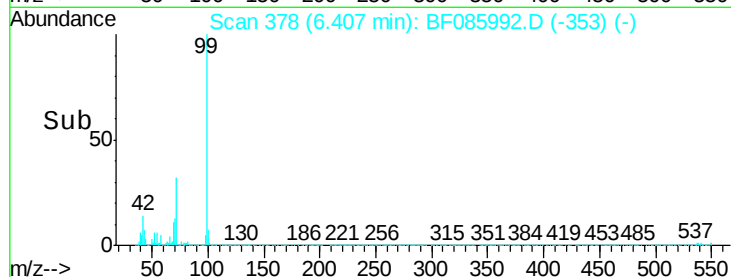
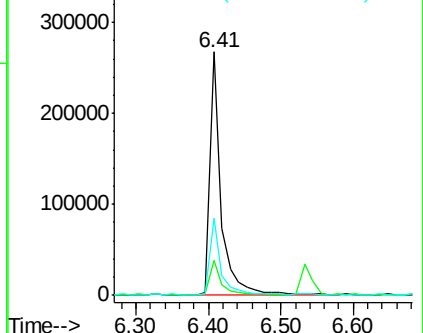
71 31.6 24.9 37.3



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: 17.41 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

Tgt Ion: 70 Resp: 94325

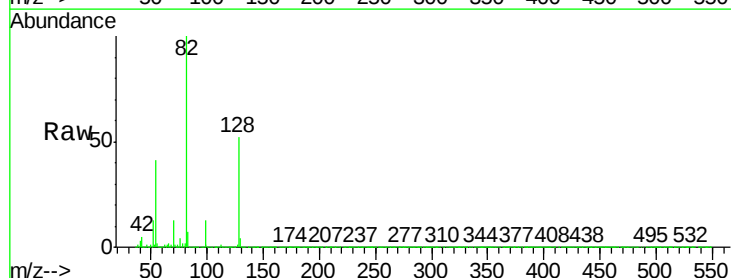
Ion Ratio Lower Upper

70 100

42 35.0 37.1 55.7#

101 1.0 8.6 12.8#

130 3.2 19.6 29.4#

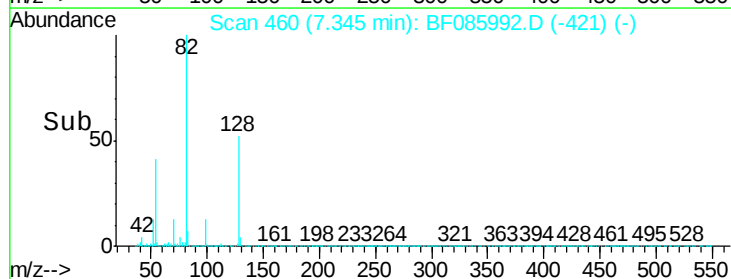
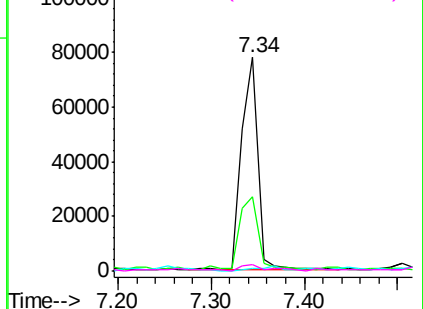


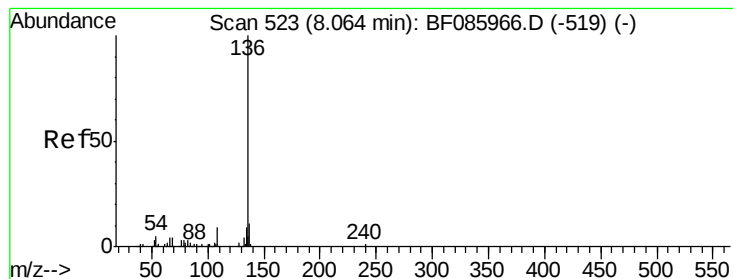
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

Instrument :

BNA_F

ClientSampleId :

TWP01

Tot Ion:136 Resp: 453741

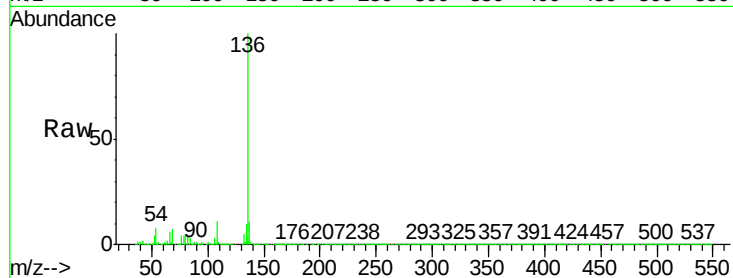
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.1 7.4 11.0

68 6.7 5.8 8.8

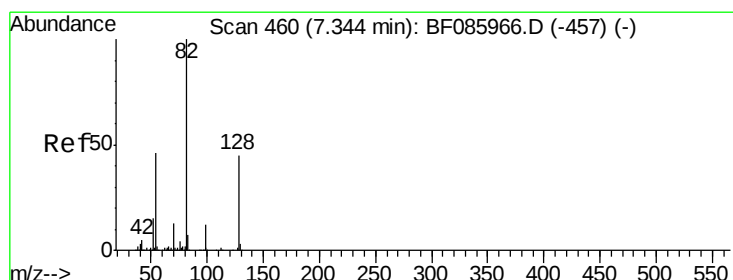
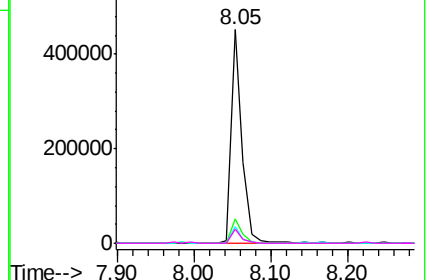
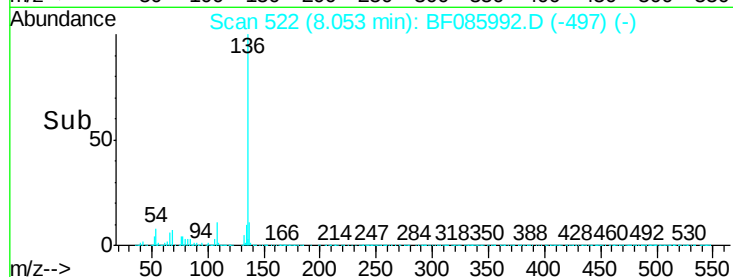


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.84 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

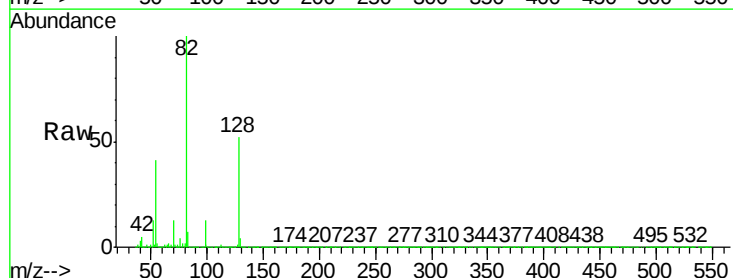
Tgt Ion: 82 Resp: 721987

Ion Ratio Lower Upper

82 100

128 51.8 41.8 62.8

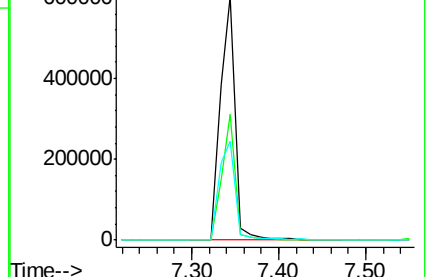
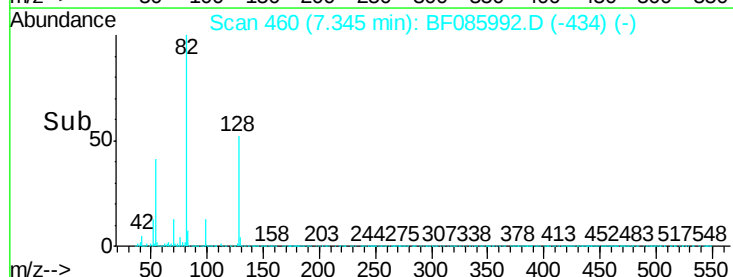
54 40.7 33.4 50.0

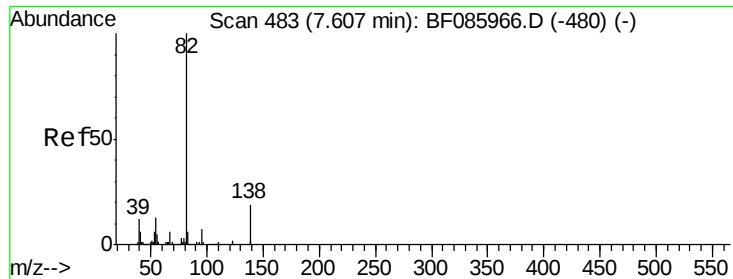


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 47.11 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

Instrument :

BNA_F

ClientSampleId :

TWP01

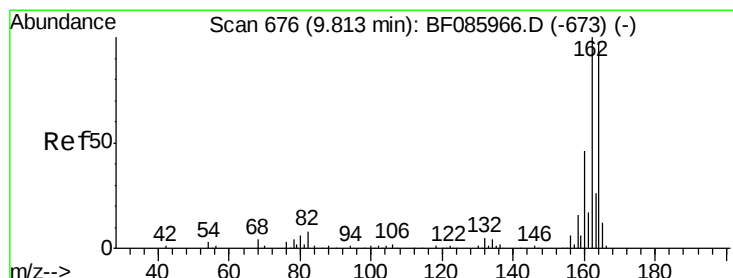
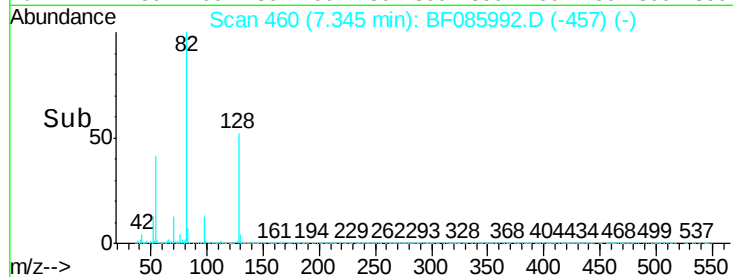
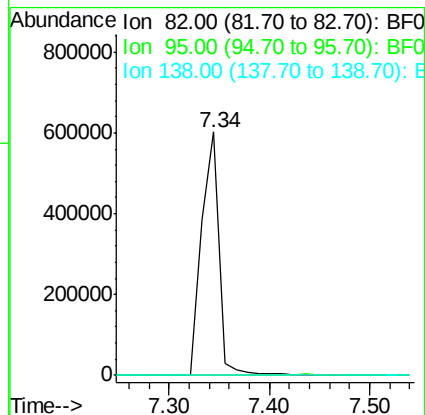
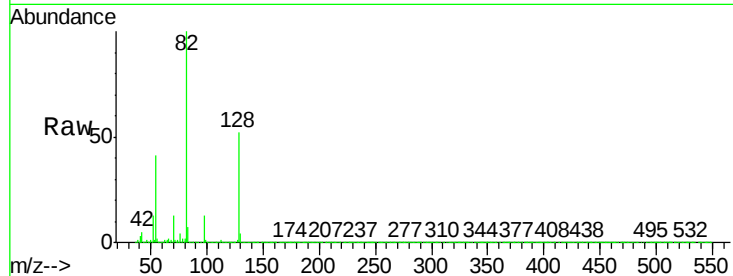
Tot Ion: 82 Resp: 715505

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

138 0.1 12.9 19.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

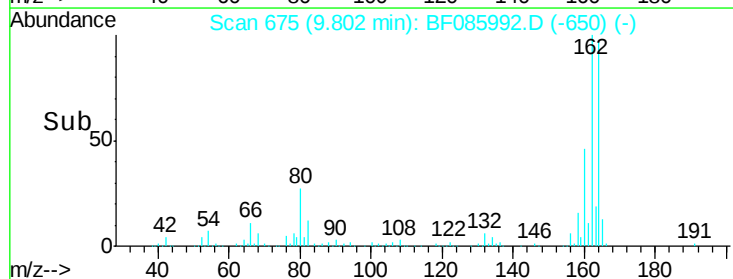
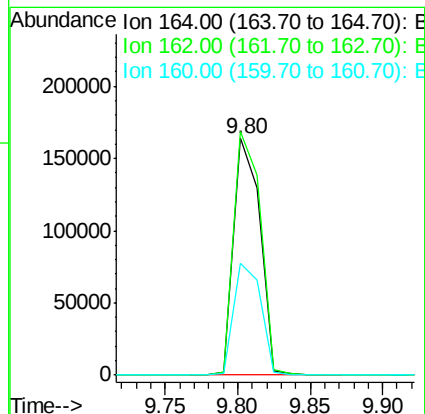
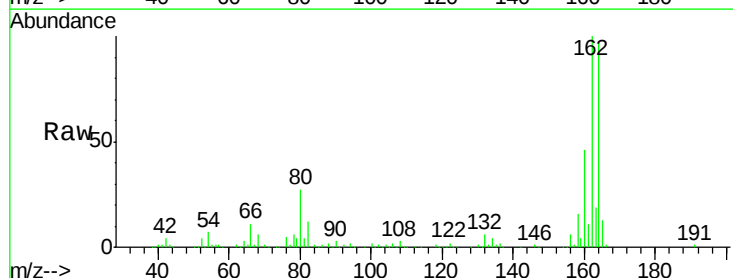
Tgt Ion: 164 Resp: 205942

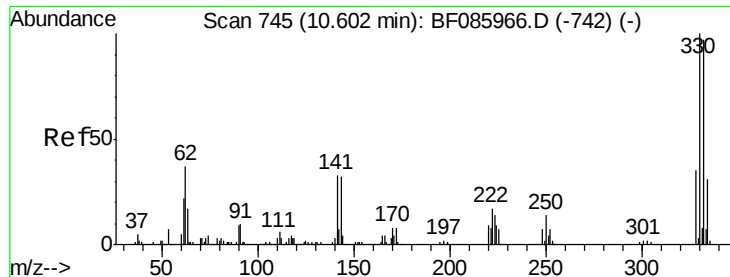
Ion Ratio Lower Upper

164 100

162 102.7 82.1 123.1

160 46.9 37.4 56.2

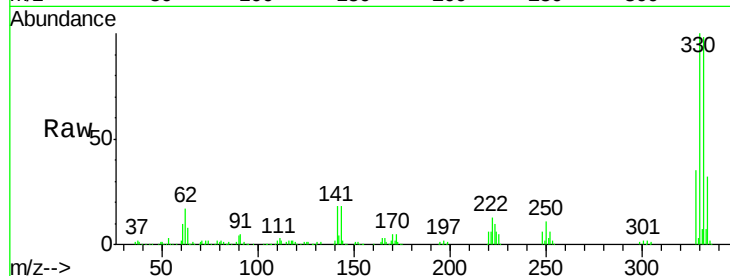




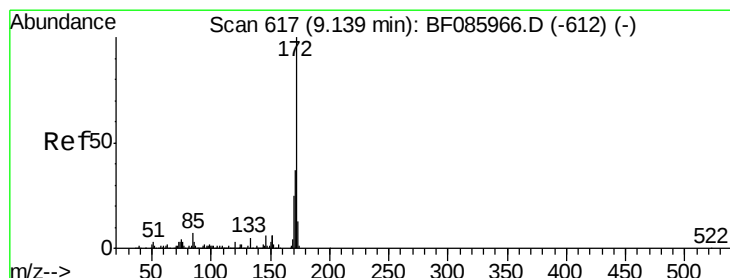
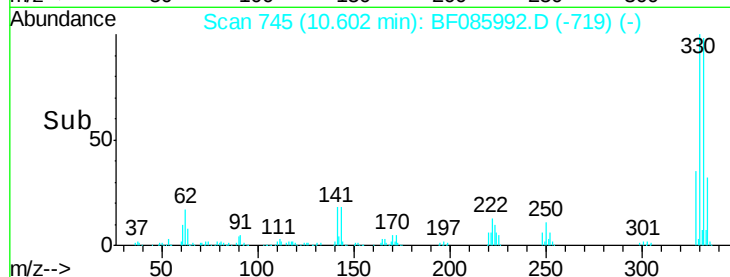
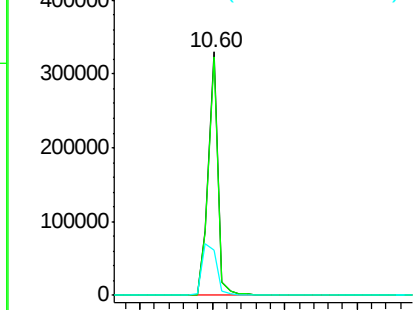
#41
 2,4,6-Tribromophenol
 Concen: 159.57 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085992.D
 Acq: 2 Apr 2016 5:56

Instrument :
 BNA_F
 ClientSampleId :
 TWP01

Tot Ion:330 Resp: 308434
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.2 117.2
 141 32.0 31.5 47.3

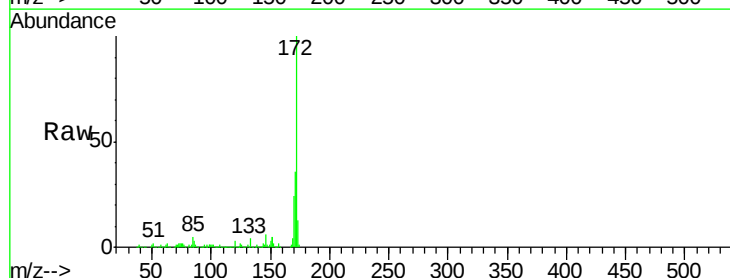


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

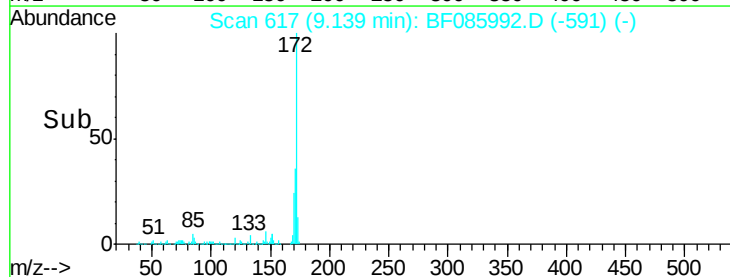
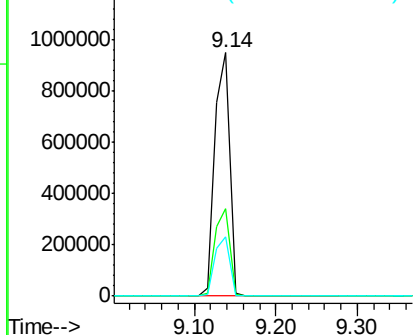


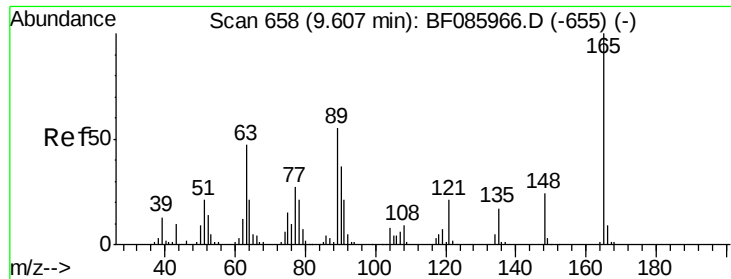
#44
 2-Fluorobiphenyl
 Concen: 97.25 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085992.D
 Acq: 2 Apr 2016 5:56

Tgt Ion:172 Resp: 1204538
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.1 19.8 29.6



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

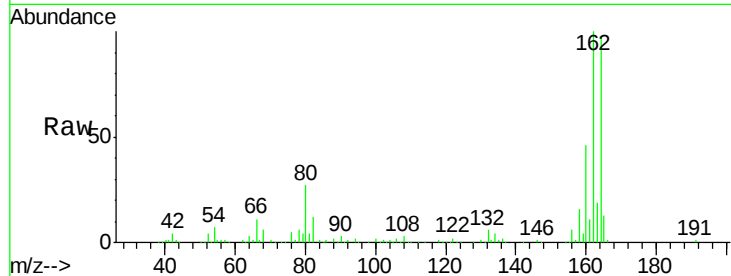




#50
 2,6-Dinitrotoluene
 Concen: 8.09 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF085992.D
 Acq: 2 Apr 2016 5:56

Instrument :
 BNA_F
 ClientSampleId :
 TWP01

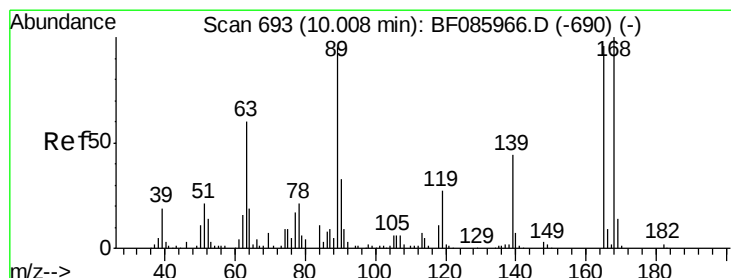
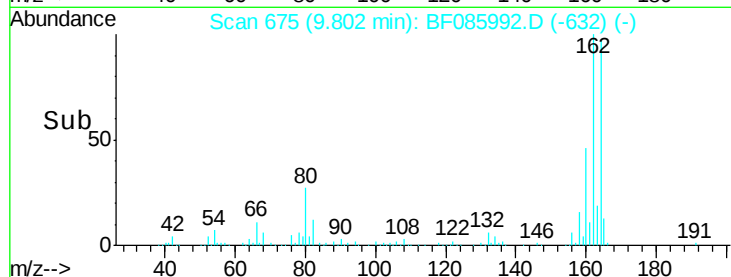
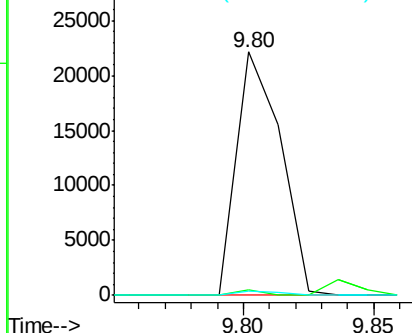
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	51.8	77.8#
89	1.9	53.7	80.5#



Abundance Ion 165.00 (164.70 to 165.70): E

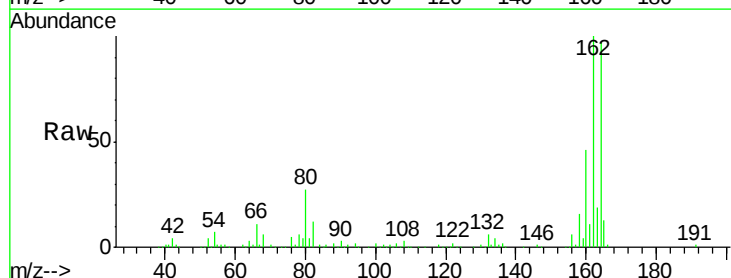
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF085992.D
 Acq: 2 Apr 2016 5:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#

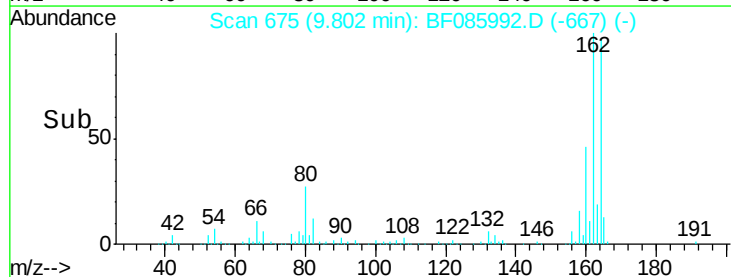
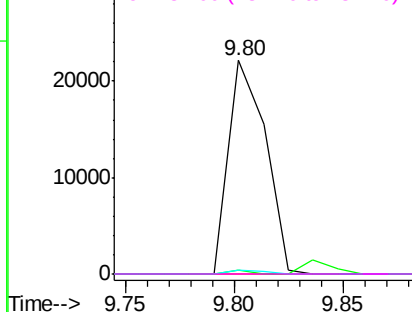


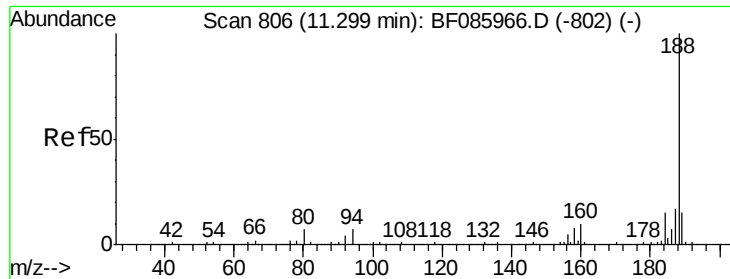
Abundance Ion 165.00 (164.70 to 165.70): E

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

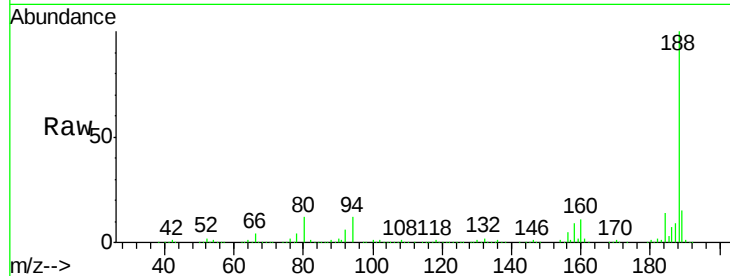




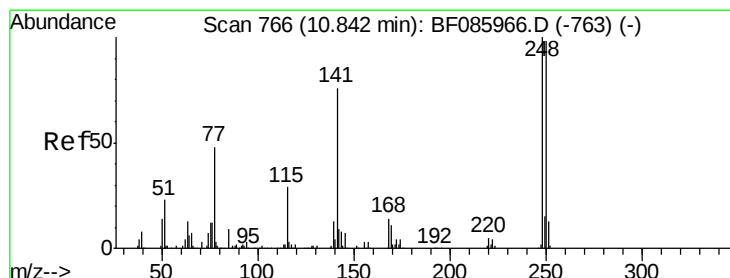
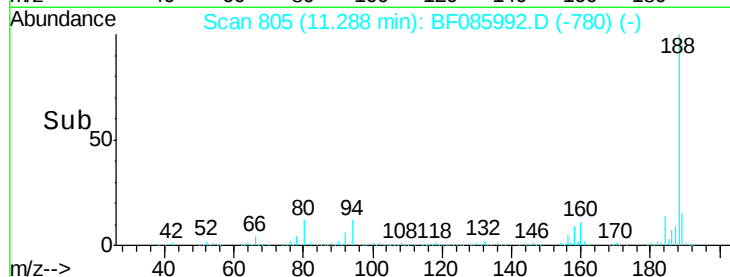
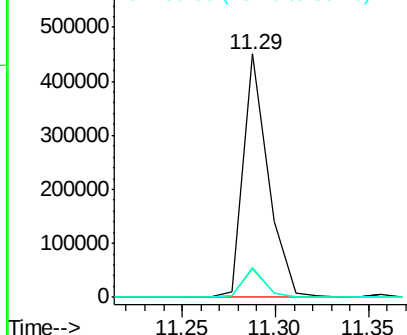
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085992.D
Acq: 2 Apr 2016 5:56

Instrument :
BNA_F
ClientSampleId :
TWP01

Tot Ion:188 Resp: 419646
Ion Ratio Lower Upper
188 100
94 11.7 5.4 8.0#
80 12.2 5.5 8.3#

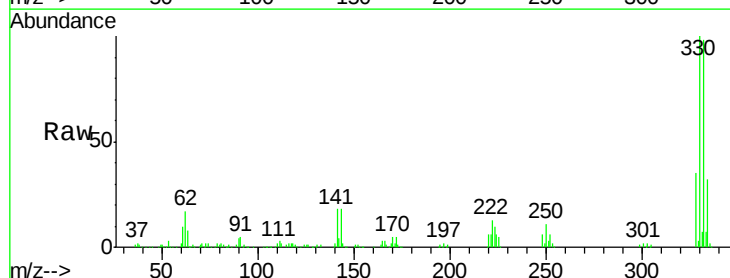


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

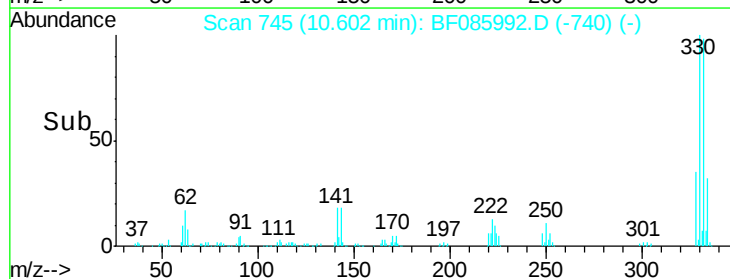
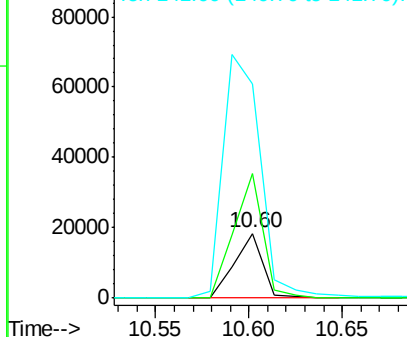


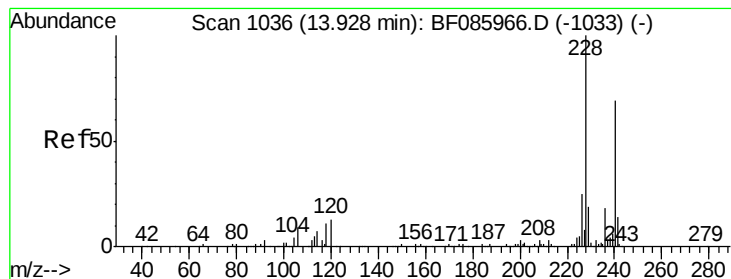
#66
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF085992.D
Acq: 2 Apr 2016 5:56

Tgt Ion:248 Resp: 19537
Ion Ratio Lower Upper
248 100
250 192.5 77.4 116.0#
141 331.4 63.6 95.4#



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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

Instrument :

BNA_F

ClientSampled :

TWP01

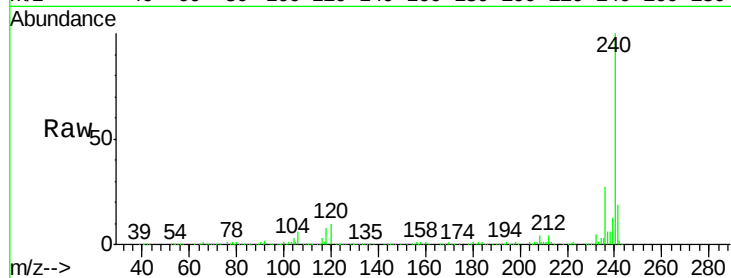
Tot Ion:240 Resp: 387235

Ion Ratio Lower Upper

240 100

120 9.5 13.8 20.8#

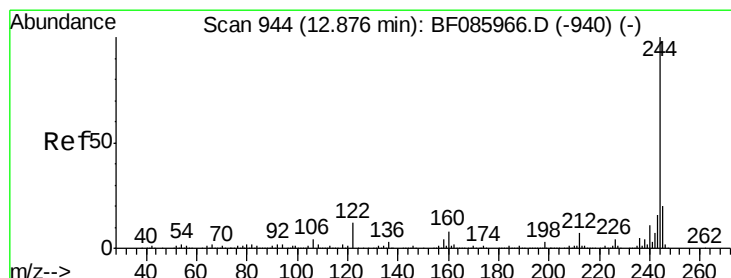
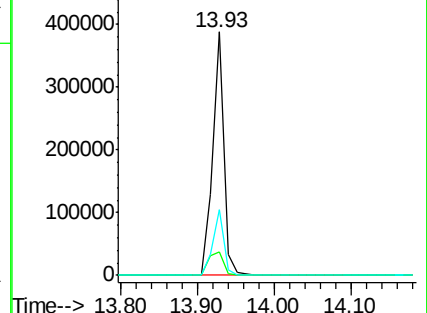
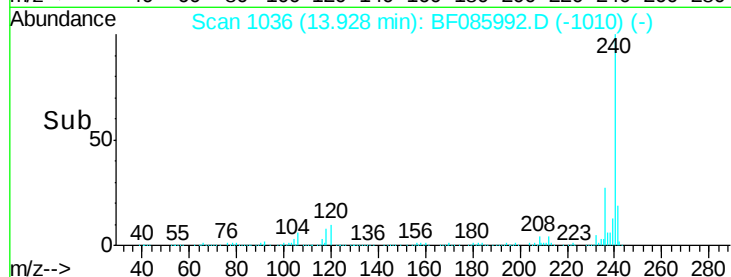
236 26.7 20.6 30.8



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: 66.85 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

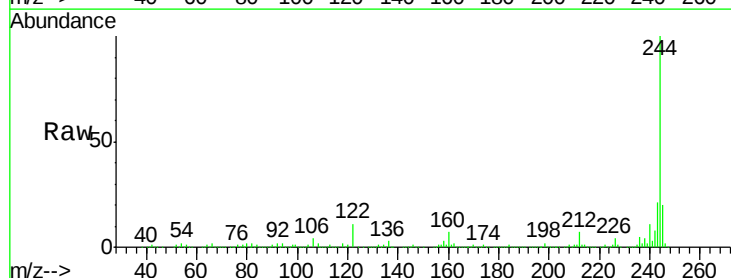
Tgt Ion:244 Resp: 1101208

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

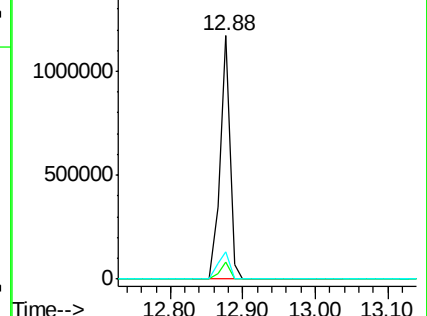
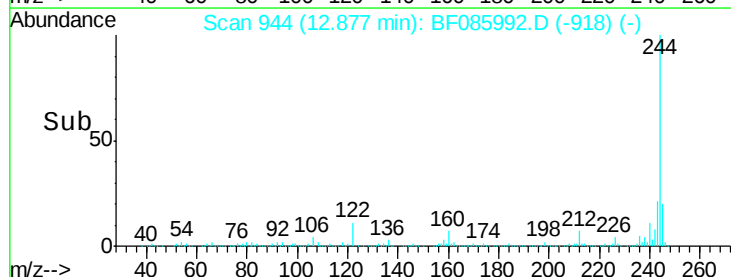
122 11.0 10.2 15.4

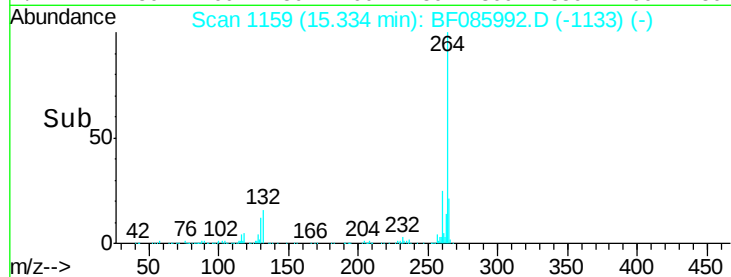
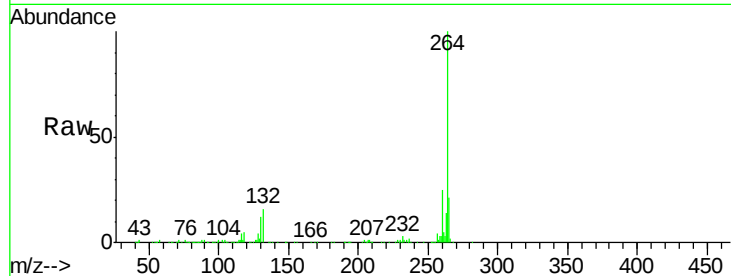
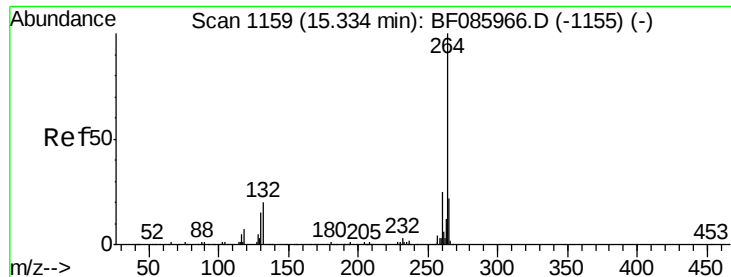


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF085992.D

Acq: 2 Apr 2016 5:56

Instrument :

BNA_F

ClientSampleId :

TWP01

Tot Ion:264 Resp: 326297

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 21.3 17.2 25.8

