

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086093.D
 Acq On : 6 Apr 2016 12:43
 Operator : UM/SJ
 Sample : PB89565BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BL

Quant Time: Apr 07 01:00:58 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

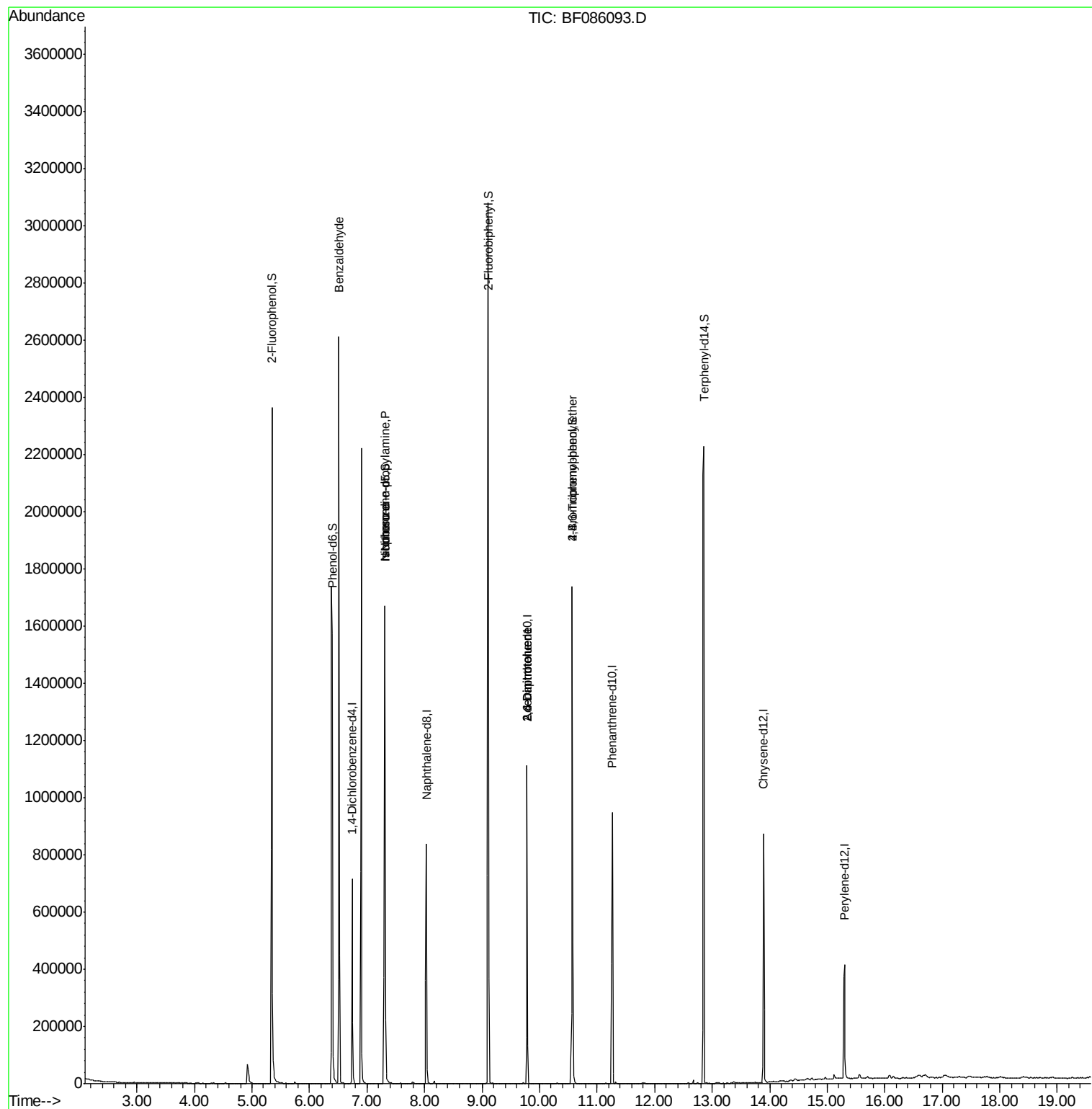
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	112055	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	446658	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	209677	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	393986	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	300289	20.00	ng	-0.03
86) Perylene-d12	15.30	264	216792	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	779085	118.84	ng	-0.02
7) Phenol-d6	6.40	99	1001240	120.24	ng	-0.02
23) Nitrobenzene-d5	7.31	82	579921	76.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	227520	115.61	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	977078	77.48	ng	-0.03
78) Terphenyl-d14	12.85	244	1075372	84.18	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.51	77	15965	3.56	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.31	70	75819	14.69	ng	# 77
25) Isophorone	7.31	82	488871	32.70	ng	# 68
50) 2,6-Dinitrotoluene	9.78	165	26479	8.05	ng	# 19
56) 2,4-Dinitrotoluene	9.78	165	26479	6.37	ng	# 37
66) 4-Bromophenyl-phenylether	10.57	248	14671	3.65	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: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086093.D

Acq: 6 Apr 2016 12:43

Instrument :

BNA_F

ClientSampleId :

PB89565BL

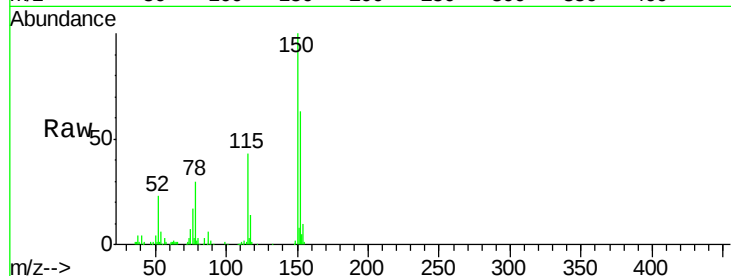
Tgt Ion:152 Resp: 112055

Ion Ratio Lower Upper

152 100

150 157.7 124.2 186.2

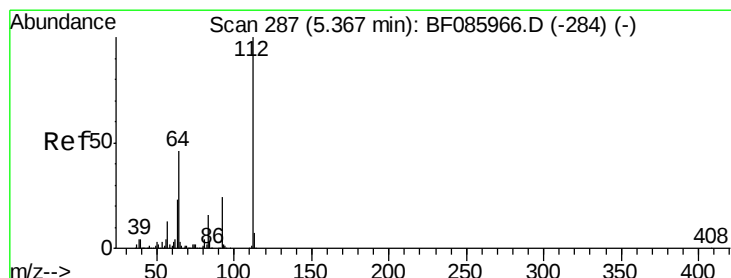
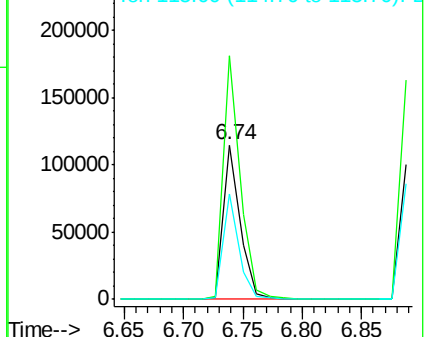
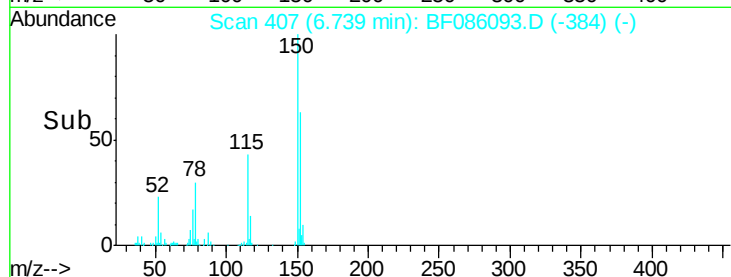
115 68.6 47.0 70.6



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: 118.84 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086093.D

Acq: 6 Apr 2016 12:43

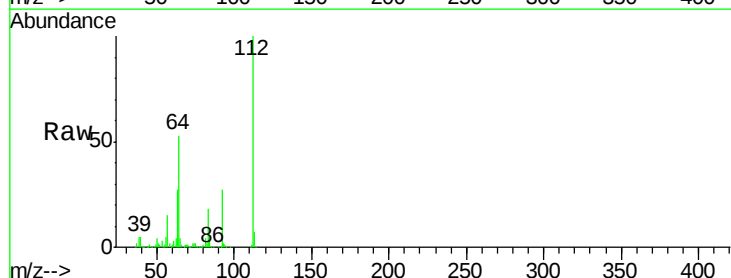
Tgt Ion:112 Resp: 779085

Ion Ratio Lower Upper

112 100

64 52.9 39.9 59.9

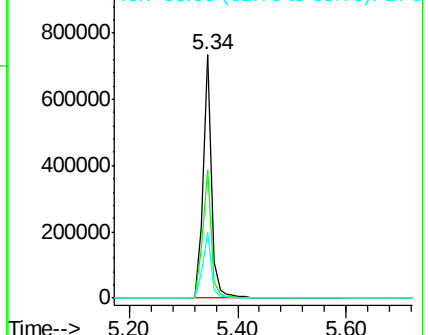
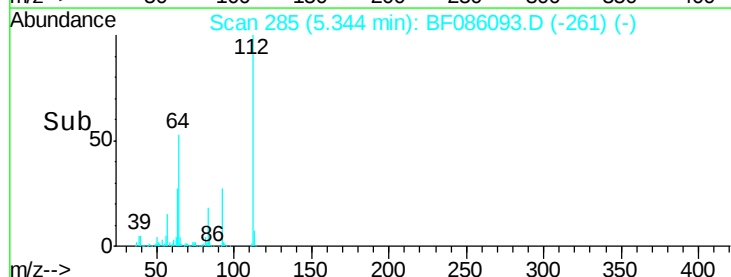
63 26.7 20.2 30.2



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: 120.24 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086093.D

Acq: 6 Apr 2016 12:43

Instrument :

BNA_F

ClientSampleId :

PB89565BL

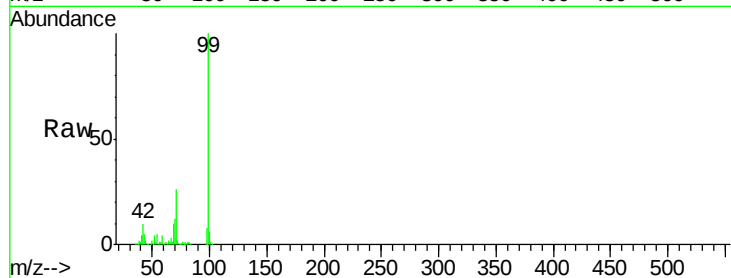
Tgt Ion: 99 Resp: 1001240

Ion Ratio Lower Upper

99 100

42 10.5 11.1 16.7#

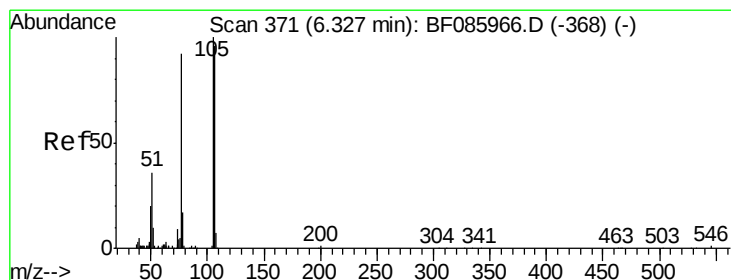
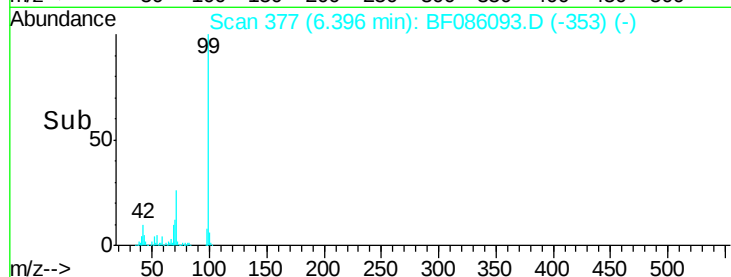
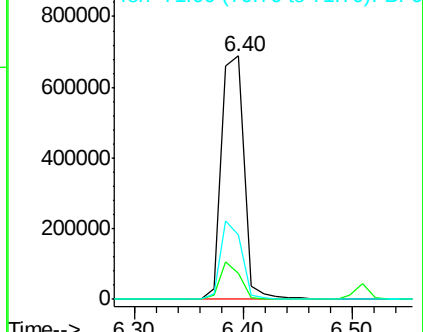
71 26.4 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.56 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.18 min

Lab File: BF086093.D

Acq: 6 Apr 2016 12:43

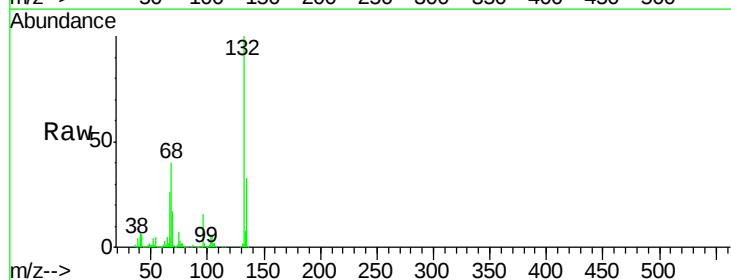
Tgt Ion: 77 Resp: 15965

Ion Ratio Lower Upper

77 100

105 80.9 80.1 120.1

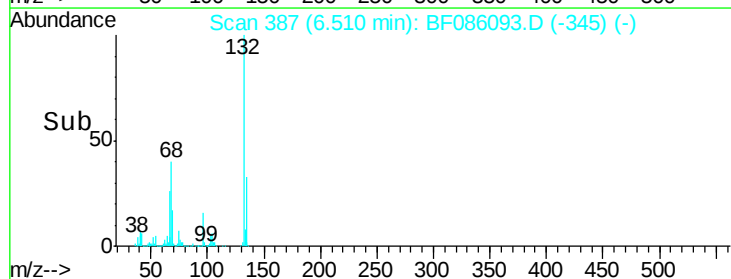
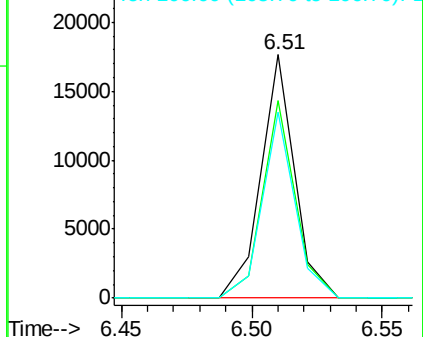
106 76.5 75.0 115.0

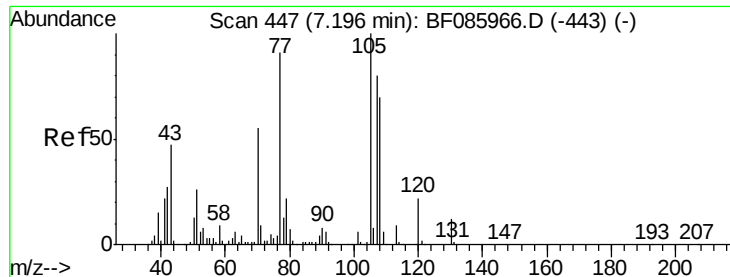


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

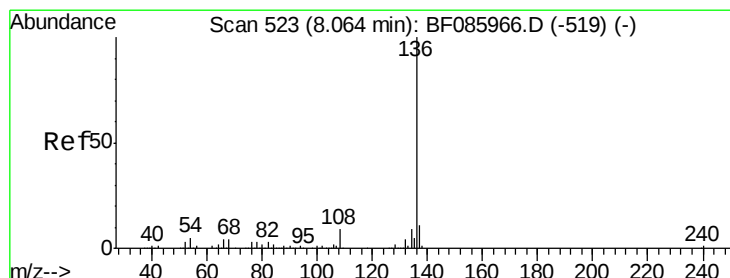
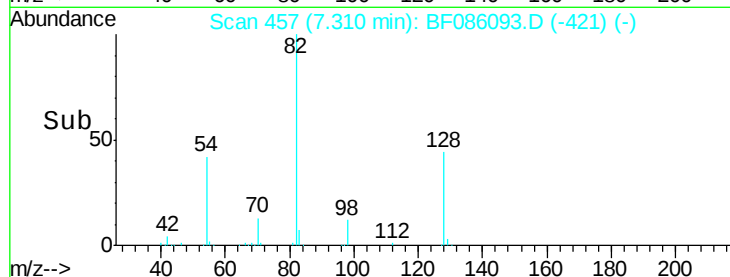
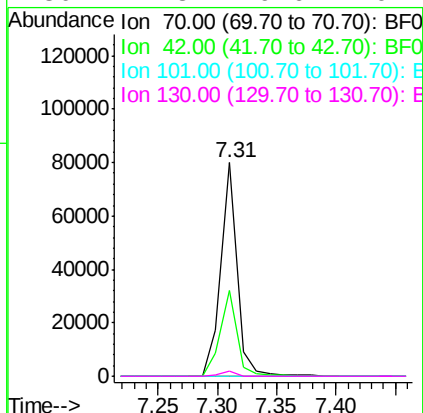
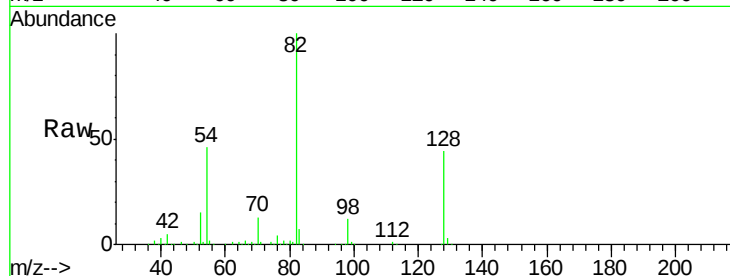




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.69 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.11 min
 Lab File: BF086093.D
 Acq: 6 Apr 2016 12:43

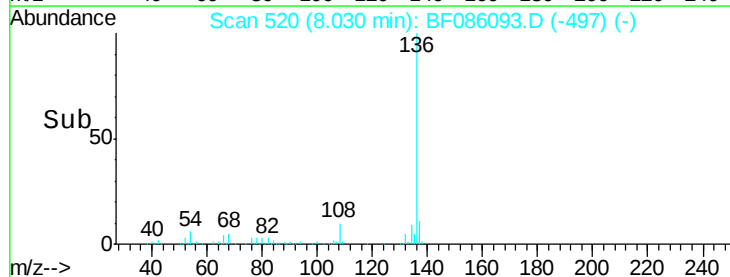
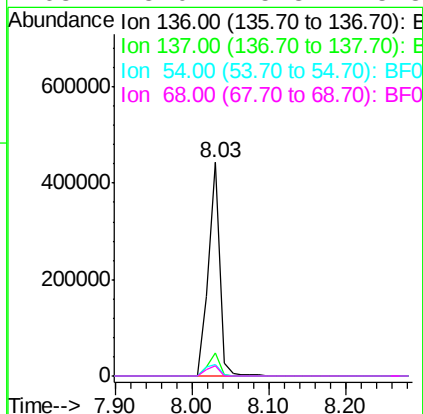
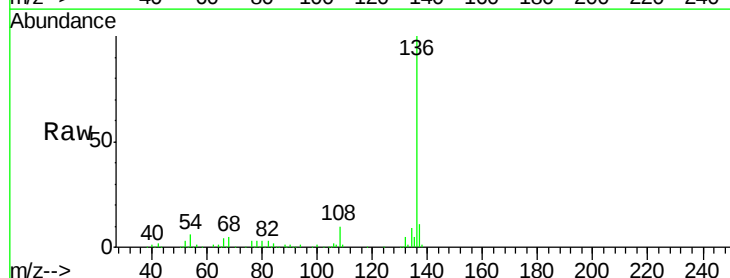
Instrument :
 BNA_F
 ClientSampleId :
 PB89565BL

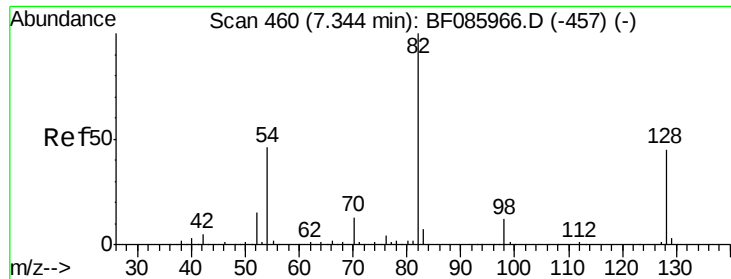
Tgt Ion: 70 Resp: 75819
 Ion Ratio Lower Upper
 70 100
 42 39.9 37.1 55.7
 101 0.0 8.6 12.8#
 130 2.3 19.6 29.4#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.03 min
 Lab File: BF086093.D
 Acq: 6 Apr 2016 12:43

Tgt Ion: 136 Resp: 446658
 Ion Ratio Lower Upper
 136 100
 137 10.8 9.1 13.7
 54 5.5 7.4 11.0#
 68 5.0 5.8 8.8#

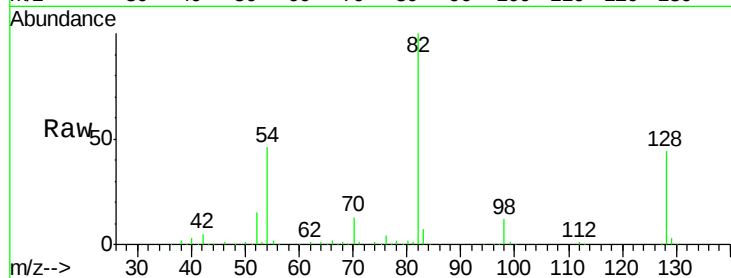




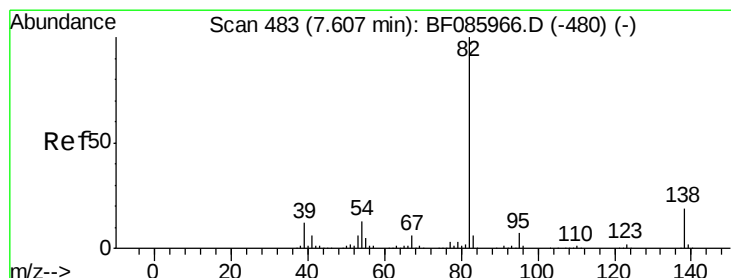
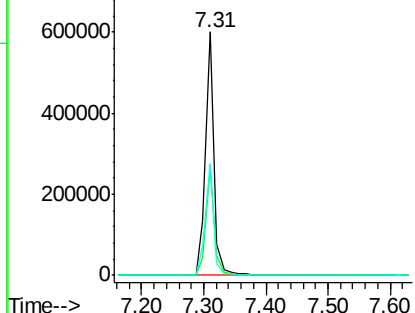
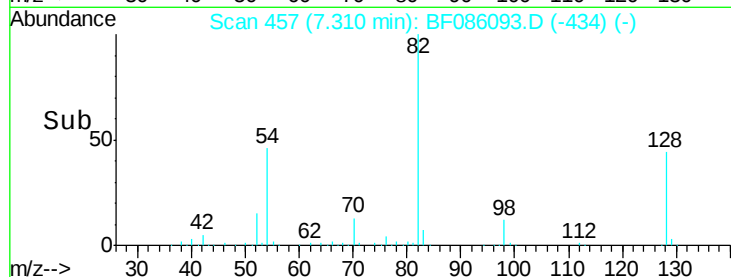
#23
 Nitrobenzene-d5
 Concen: 76.57 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086093.D
 Acq: 6 Apr 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89565BL

Tgt Ion: 82 Resp: 579921
 Ion Ratio Lower Upper
 82 100
 128 44.4 41.8 62.8
 54 45.8 33.4 50.0

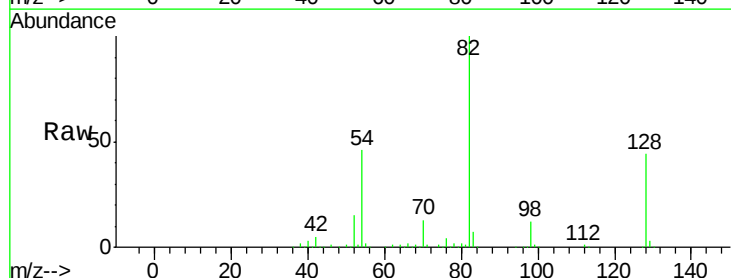


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

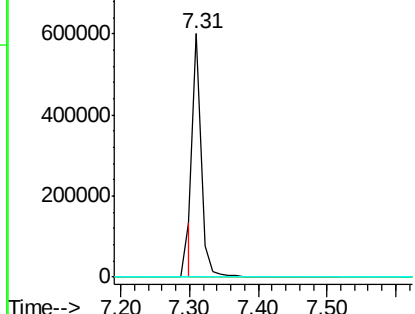
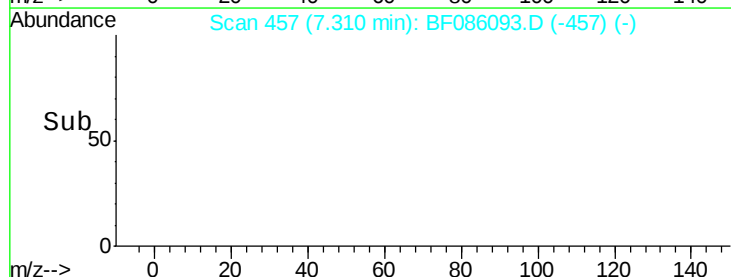


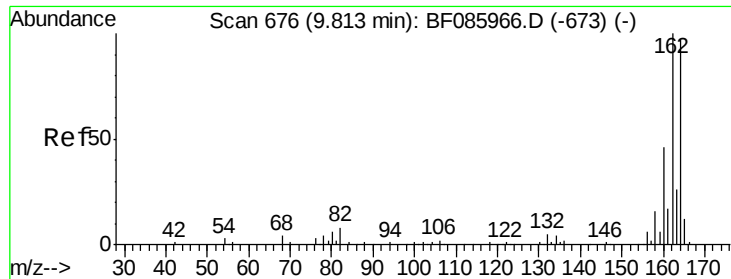
#25
 Isophorone
 Concen: 32.70 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.30 min
 Lab File: BF086093.D
 Acq: 6 Apr 2016 12:43

Tgt Ion: 82 Resp: 488871
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#



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): BF0

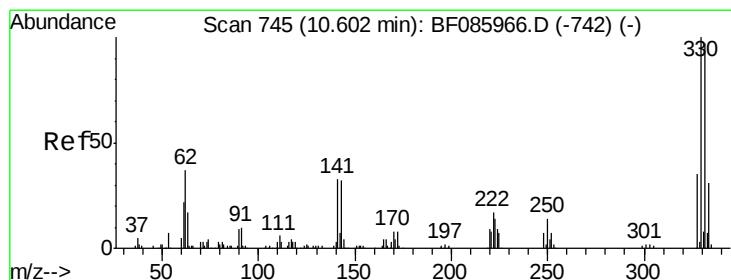
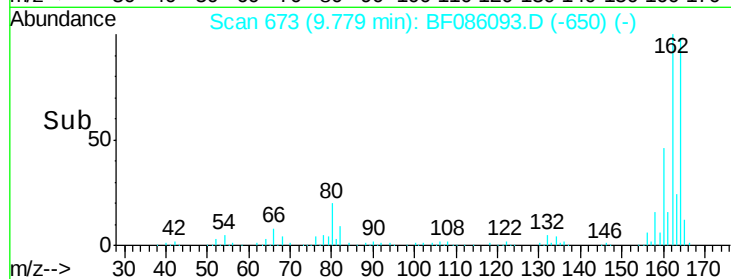
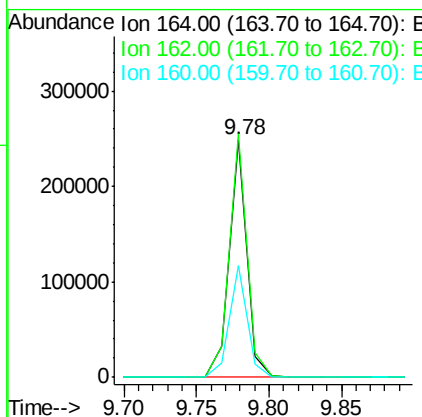
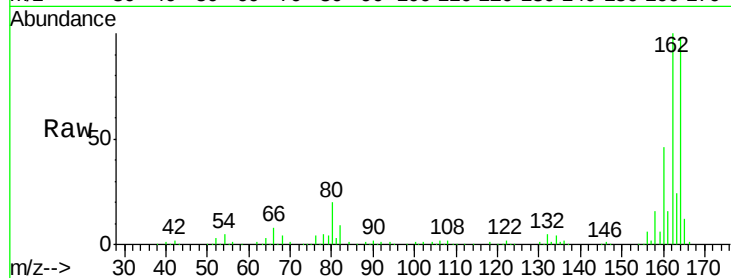




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086093.D
 Acq: 6 Apr 2016 12:43

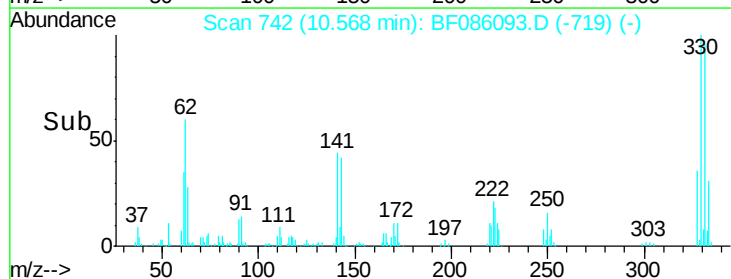
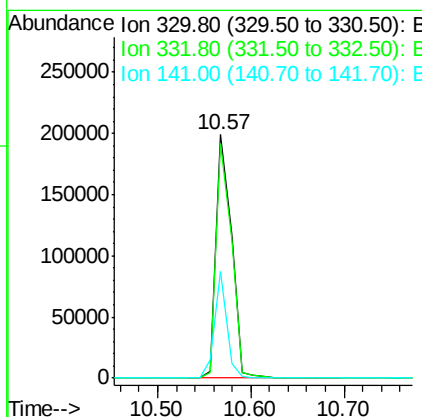
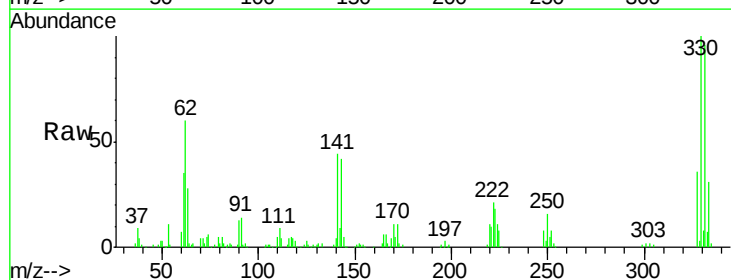
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 ClientSampleId :
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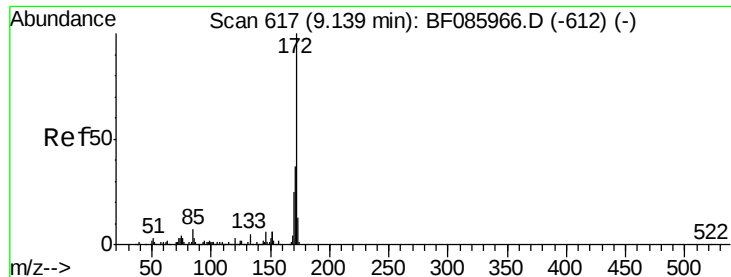
Tgt Ion:164 Resp: 209677
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.1 123.1
 160 47.2 37.4 56.2



#41
 2,4,6-Tribromophenol
 Concen: 115.61 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086093.D
 Acq: 6 Apr 2016 12:43

Tgt Ion:330 Resp: 227520
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.2 117.2
 141 35.5 31.5 47.3

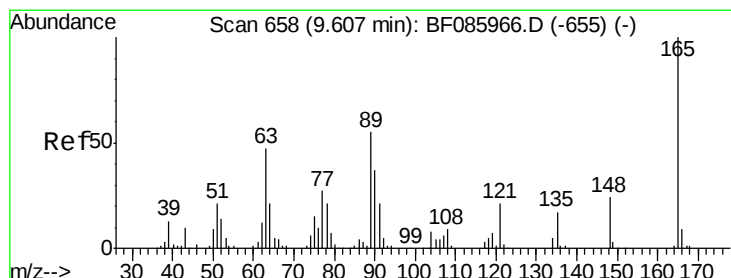
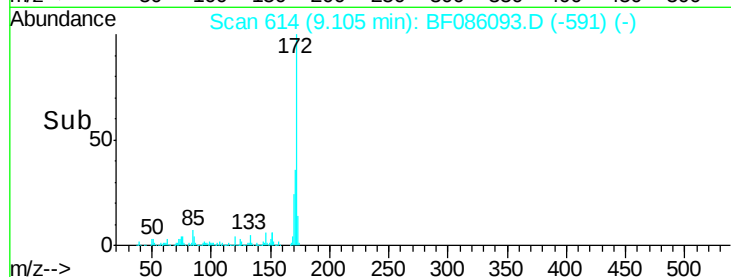
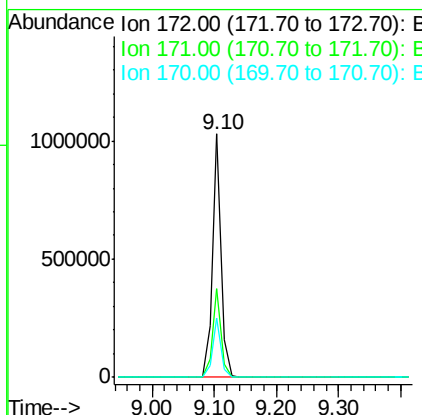
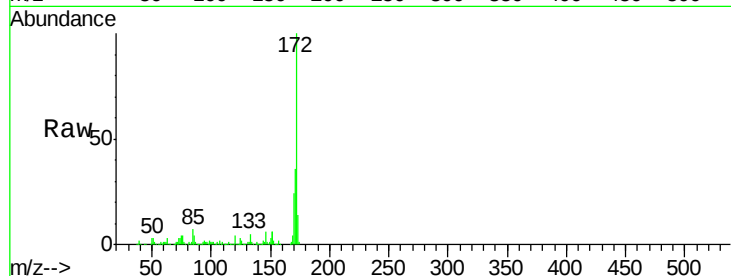




#44
 2-Fluorobiphenyl
 Concen: 77.48 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086093.D
 Acq: 6 Apr 2016 12:43

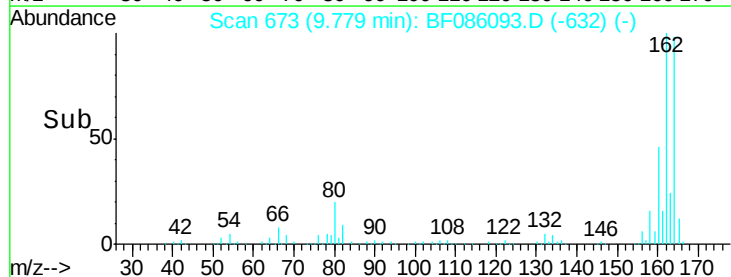
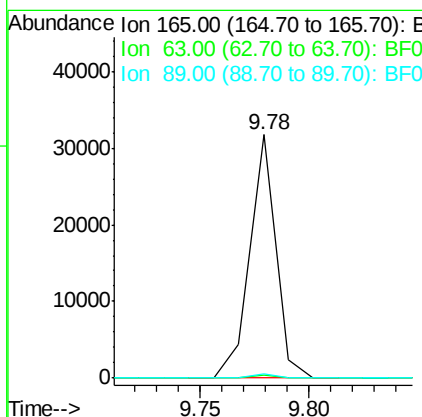
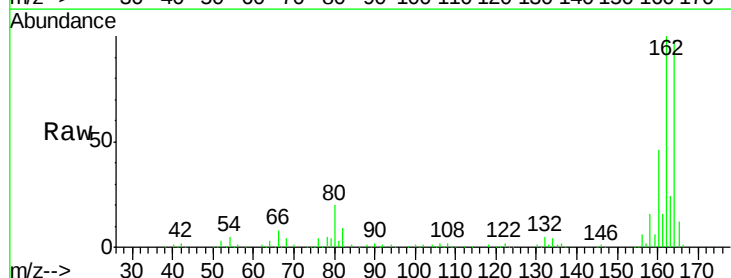
Instrument :
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 ClientSampled :
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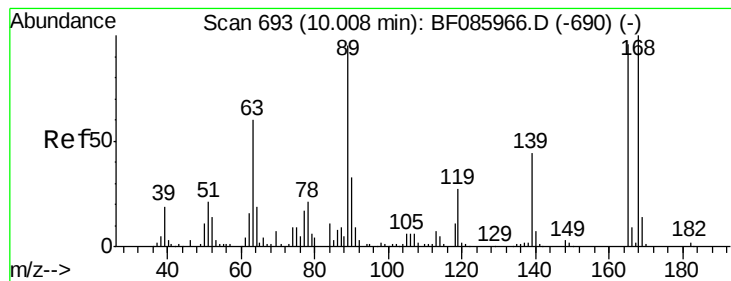
Tgt Ion:172 Resp: 977078
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.5 19.8 29.6



#50
 2,6-Dinitrotoluene
 Concen: 8.05 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.17 min
 Lab File: BF086093.D
 Acq: 6 Apr 2016 12:43

Tgt Ion:165 Resp: 26479
 Ion Ratio Lower Upper
 165 100
 63 1.0 51.8 77.8#
 89 1.6 53.7 80.5#





#56

2,4-Dinitrotoluene

Concen: 6.37 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.23 min

Lab File: BF086093.D

Acq: 6 Apr 2016 12:43

Instrument :

BNA_F

ClientSampleId :

PB89565BL

Tgt Ion:165 Resp: 26479

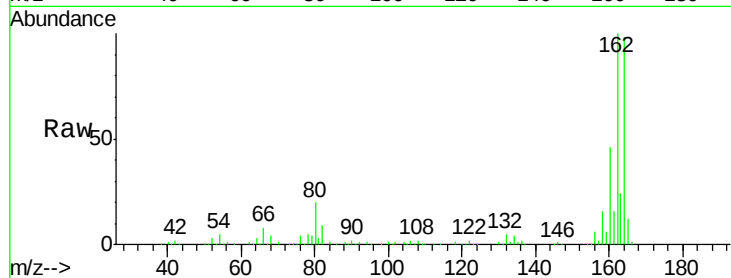
Ion Ratio Lower Upper

165 100

63 1.0 24.9 37.3#

89 1.6 41.0 61.6#

182 0.0 2.1 3.1#

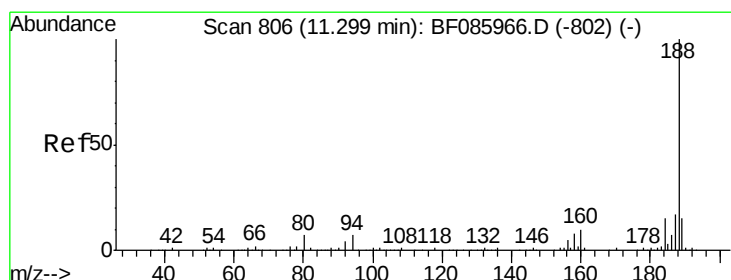
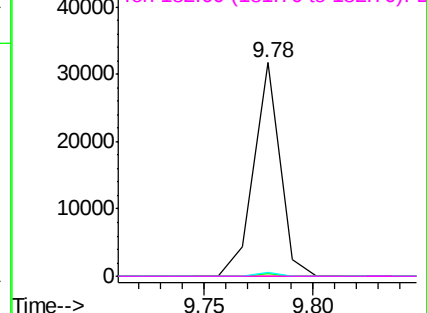
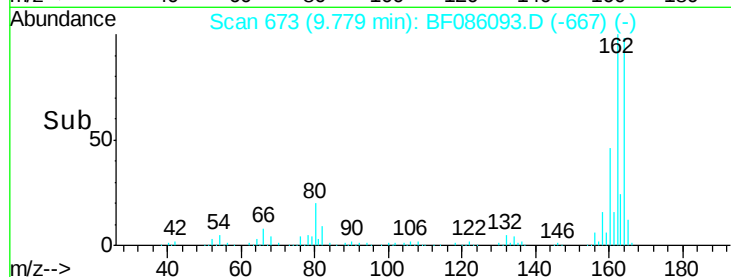


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.26 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF086093.D

Acq: 6 Apr 2016 12:43

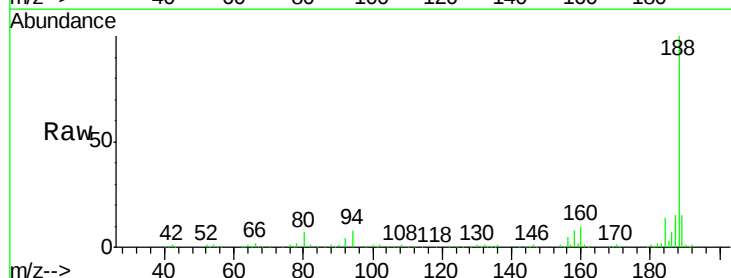
Tgt Ion:188 Resp: 393986

Ion Ratio Lower Upper

188 100

94 7.5 5.4 8.0

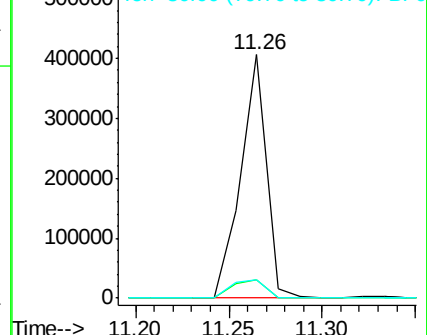
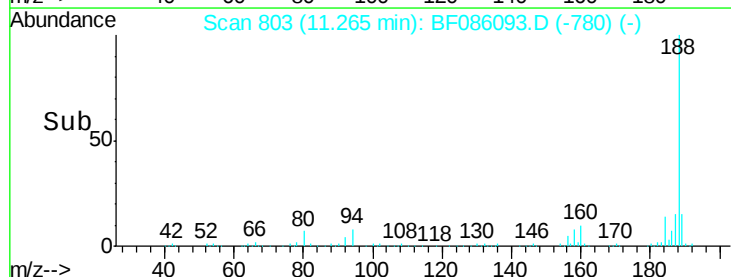
80 7.5 5.5 8.3

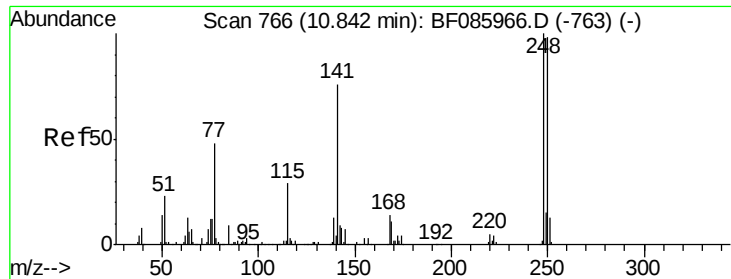


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.65 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.27 min

Lab File: BF086093.D

Acq: 6 Apr 2016 12:43

Instrument :

BNA_F

ClientSampleId :

PB89565BL

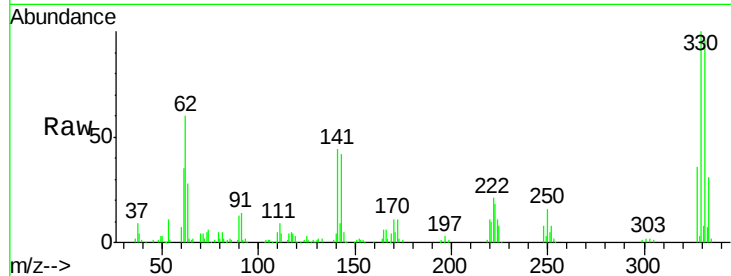
Tgt Ion:248 Resp: 14671

Ion Ratio Lower Upper

248 100

250 201.8 77.4 116.0#

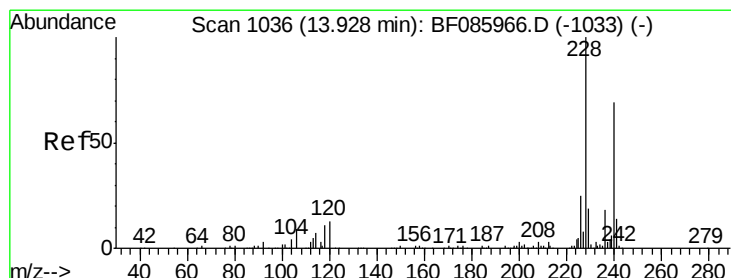
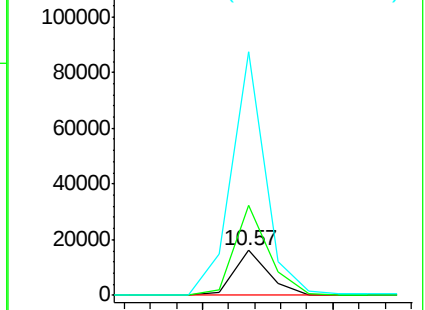
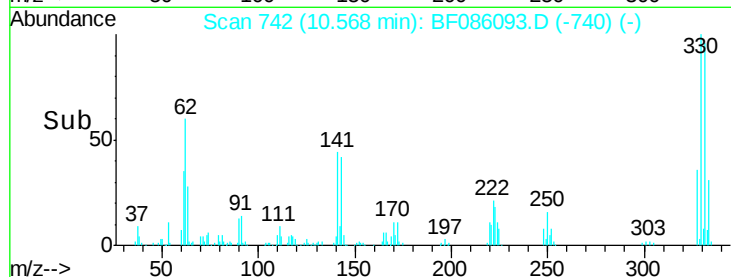
141 546.0 63.6 95.4#



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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086093.D

Acq: 6 Apr 2016 12:43

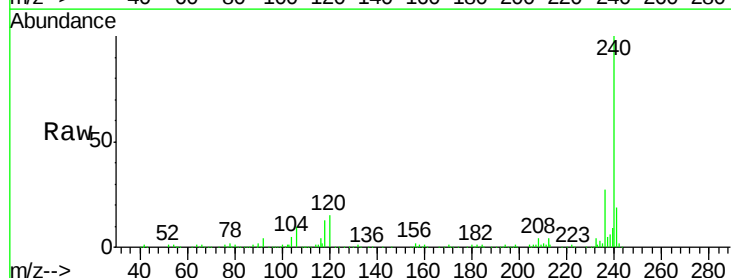
Tgt Ion:240 Resp: 300289

Ion Ratio Lower Upper

240 100

120 14.9 13.8 20.8

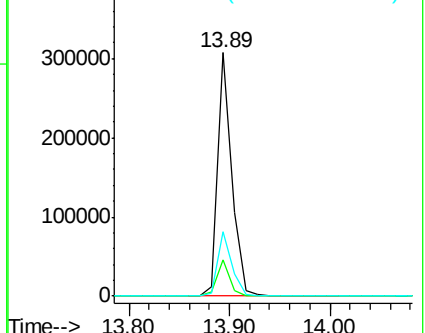
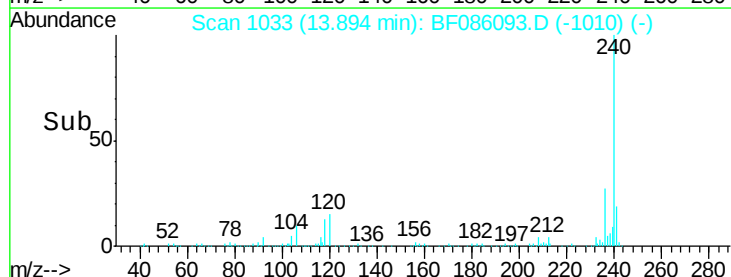
236 26.6 20.6 30.8

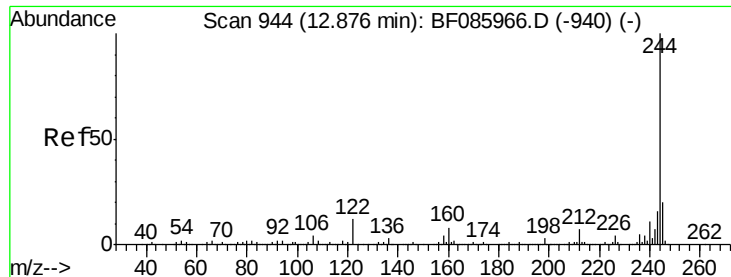


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

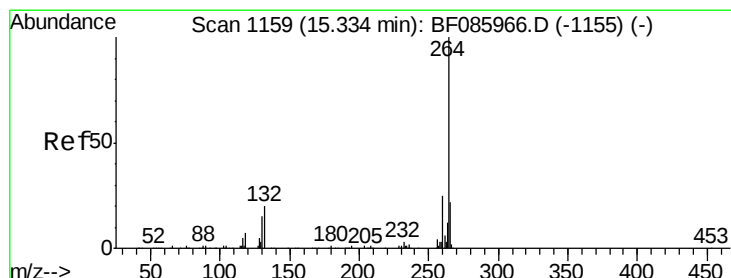
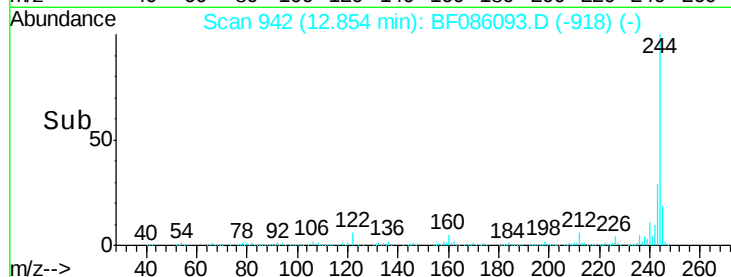
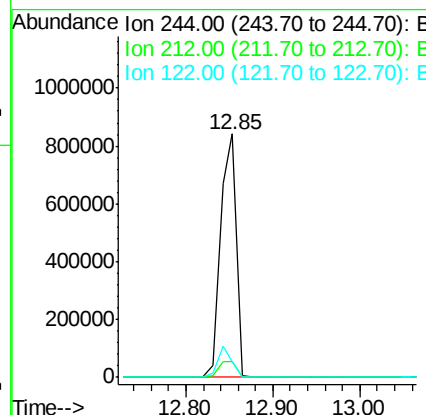
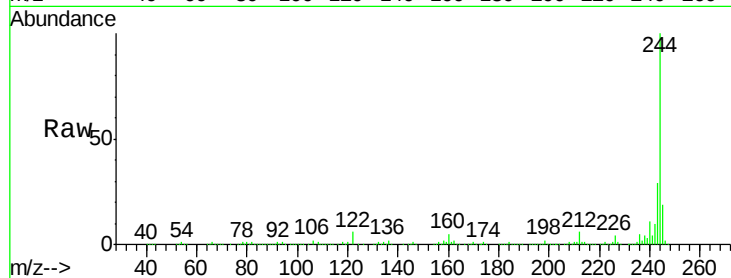




#78
 Terphenyl-d14
 Concen: 84.18 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF086093.D
 Acq: 6 Apr 2016 12:43

Instrument :
 BNA_F
 ClientSampled :
 PB89565BL

Tgt Ion:244 Resp: 1075372
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.1 9.1
 122 6.4 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF086093.D
 Acq: 6 Apr 2016 12:43

Tgt Ion:264 Resp: 216792
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.1 17.2 25.8

