

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087062.D
 Acq On : 15 May 2016 11:36
 Operator : UM/SJ
 Sample : H3052-13
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: May 16 04:56:29 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

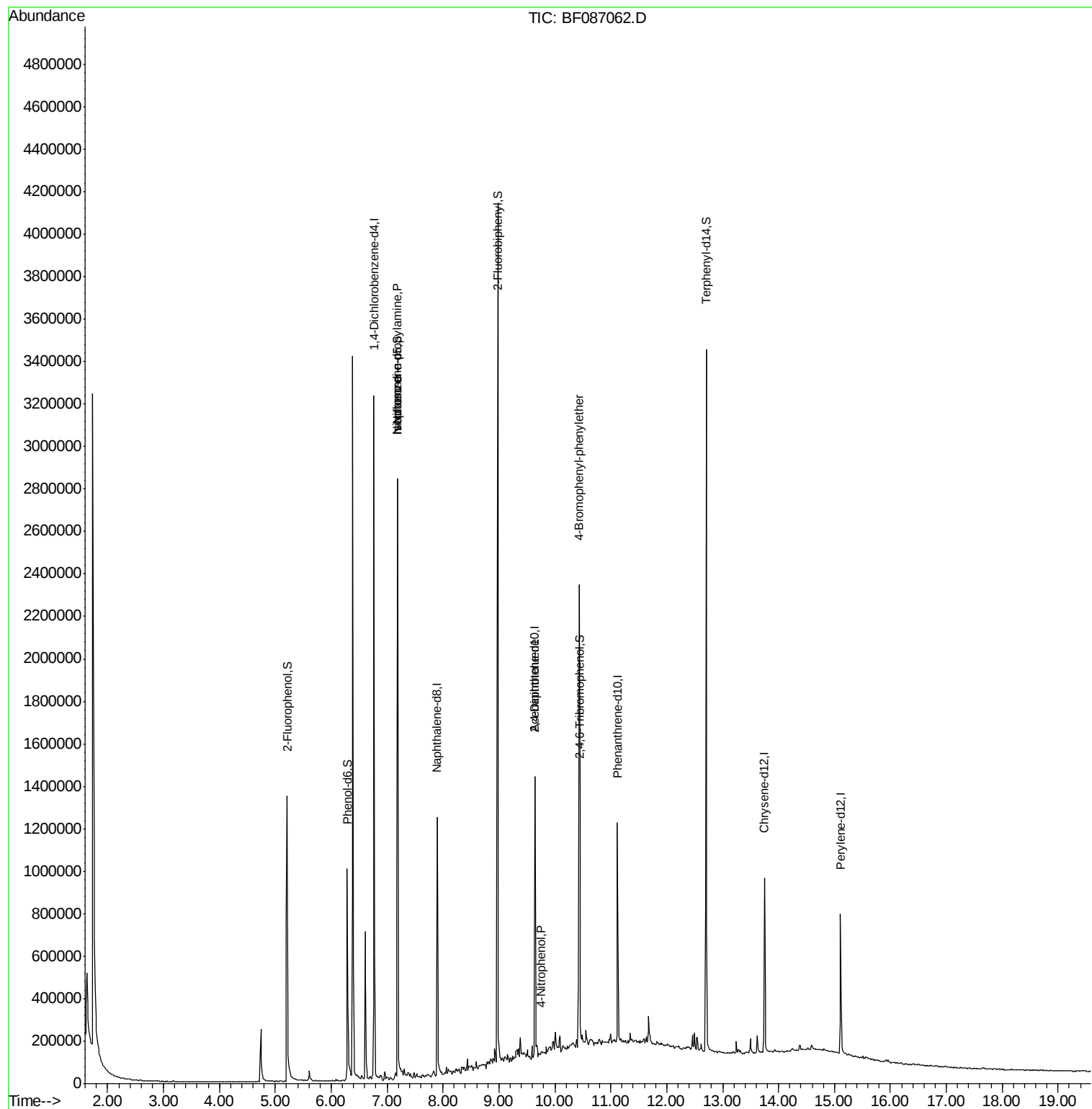
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	414536	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	513118	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	243473	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	409974	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	293730	20.00	ng	-0.09
86) Perylene-d12	15.11	264	281972	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	463050	18.92	ng	-0.08
7) Phenol-d6	6.28	99	390402	11.93	ng	-0.08
23) Nitrobenzene-d5	7.19	82	899779	88.05	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	316666	122.85	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1428153	98.58	ng	-0.08
78) Terphenyl-d14	12.71	244	972732	70.26	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	128693	5.63	ng	# 73
25) Isophorone	7.19	82	888744	46.87	ng	# 68
55) 4-Nitrophenol	9.76	139	202	4.63	ng	# 1
56) 2,4-Dinitrotoluene	9.64	165	33408	6.91	ng	# 18
60) 4-Chlorophenyl-phenylether	10.18	204	535	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.43	248	18309	4.40	ng	# 1

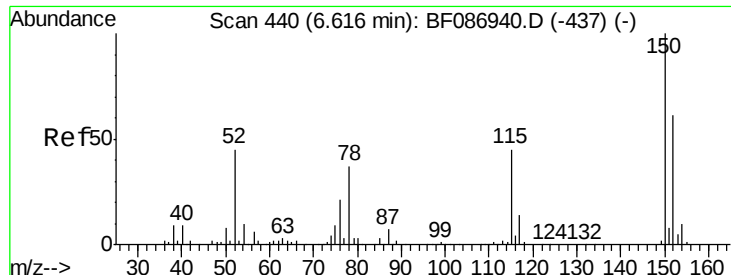
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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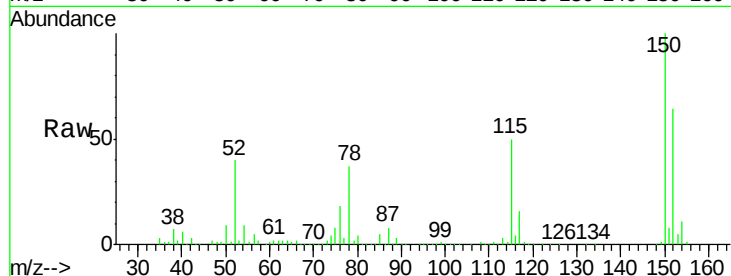




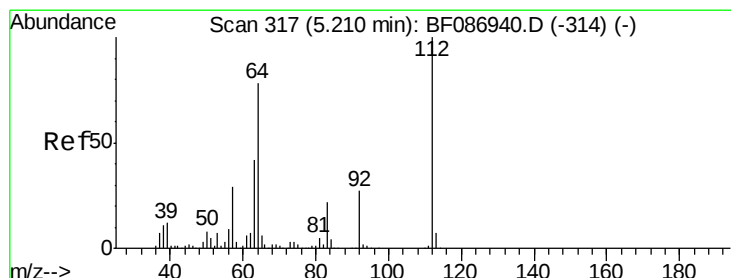
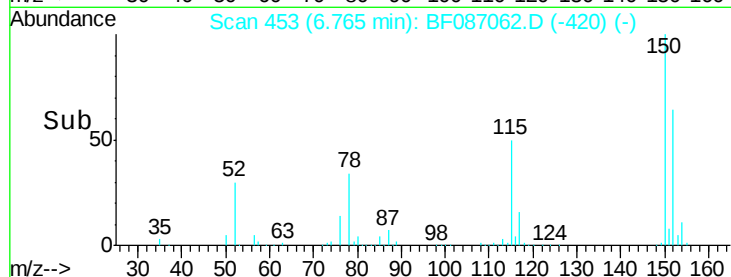
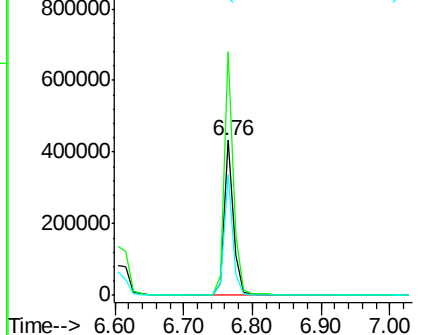
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.07 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:152 Resp: 414536
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.8 188.6
 115 78.1 51.5 77.3#

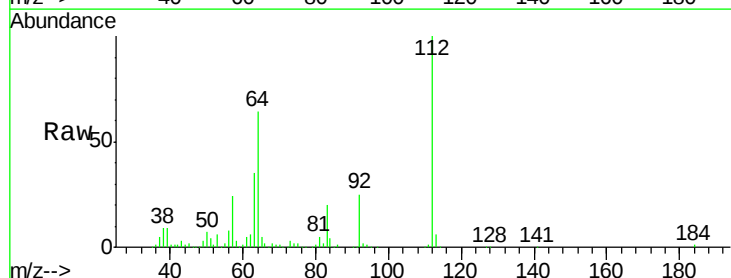


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

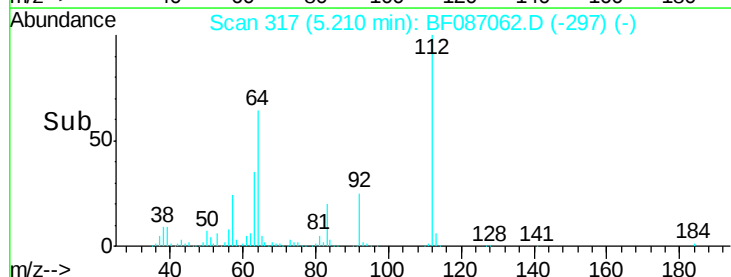
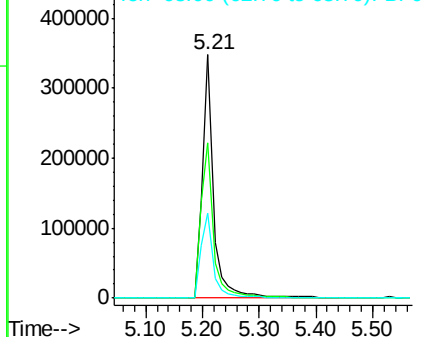


#5
 2-Fluorophenol
 Concen: 18.92 ng
 RT: 5.21 min Scan# 317
 Delta R.T. -0.08 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

Tgt Ion:112 Resp: 463050
 Ion Ratio Lower Upper
 112 100
 64 63.9 52.1 78.1
 63 34.9 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: 11.93 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-07

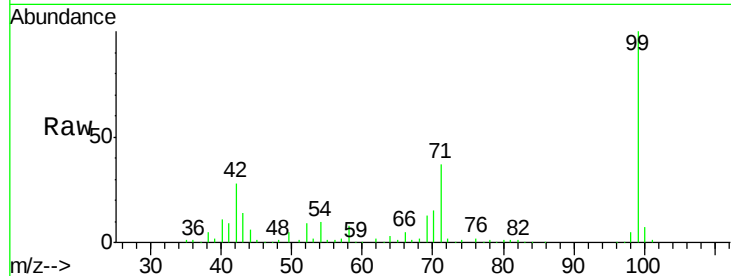
Tgt Ion: 99 Resp: 390402

Ion Ratio Lower Upper

99 100

42 28.0 13.6 20.4#

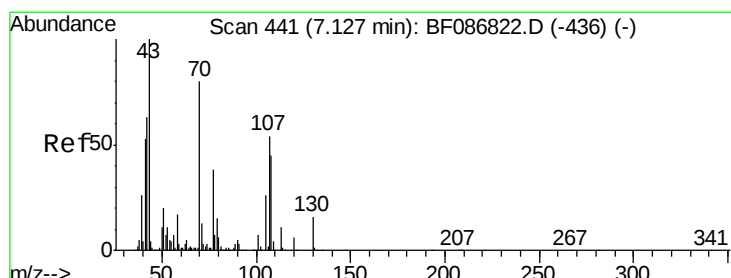
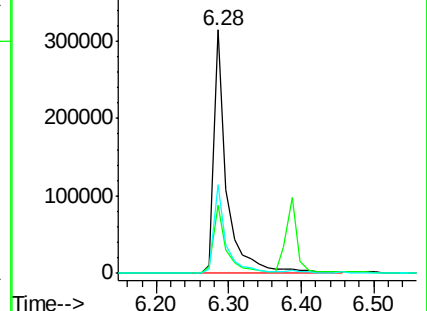
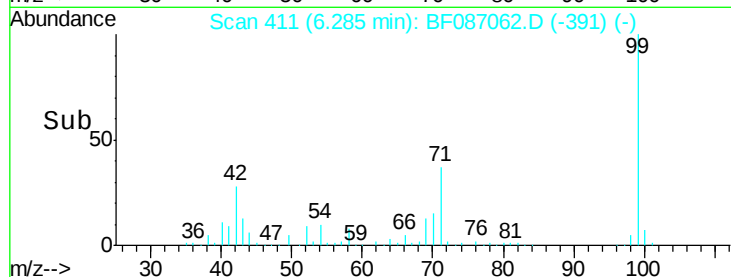
71 36.6 24.6 36.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.63 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

Tgt Ion: 70 Resp: 128693

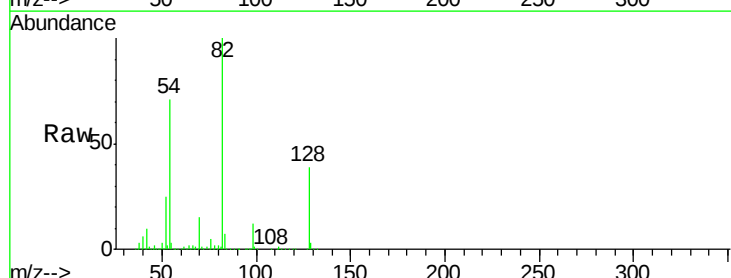
Ion Ratio Lower Upper

70 100

42 67.9 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

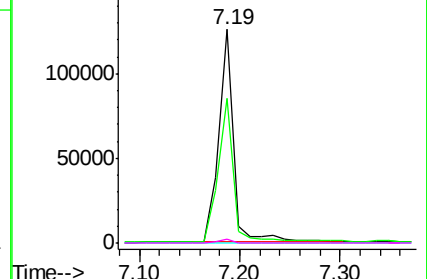
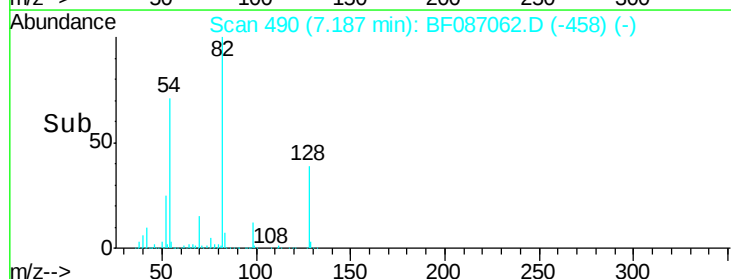


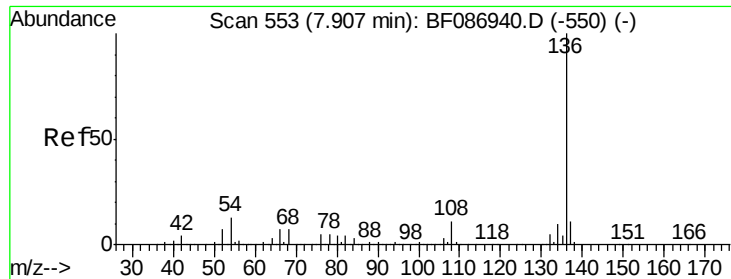
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-07

Tgt Ion: 136 Resp: 513118

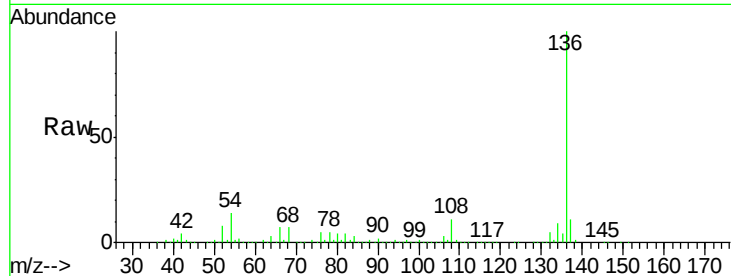
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 13.8 5.0 7.4#

68 7.1 4.4 6.6#

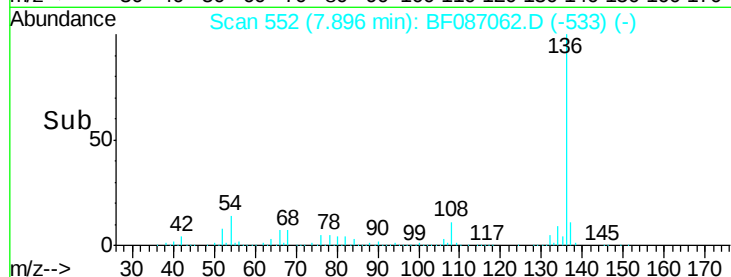


Abundance Ion 136.00 (135.70 to 136.70): E

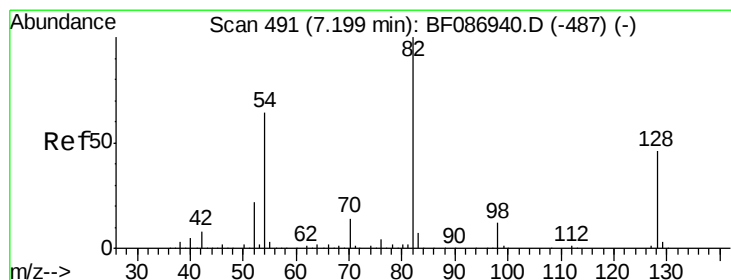
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 88.05 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

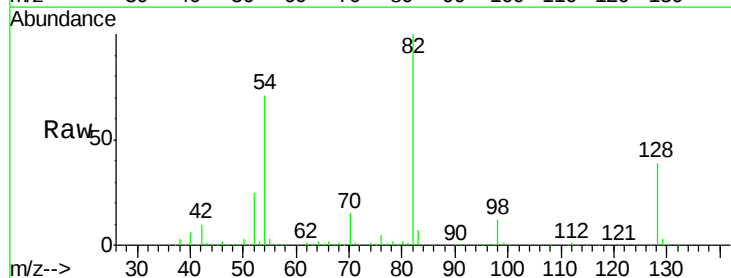
Tgt Ion: 82 Resp: 899779

Ion Ratio Lower Upper

82 100

128 39.0 40.6 61.0#

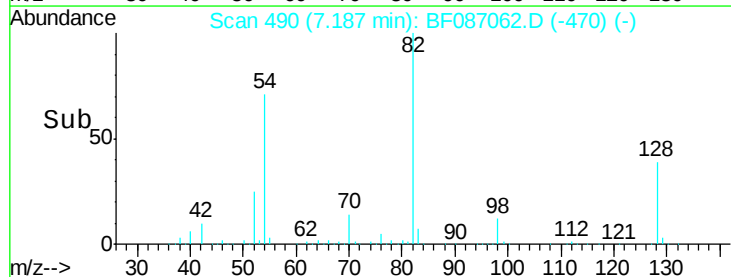
54 71.5 38.1 57.1#



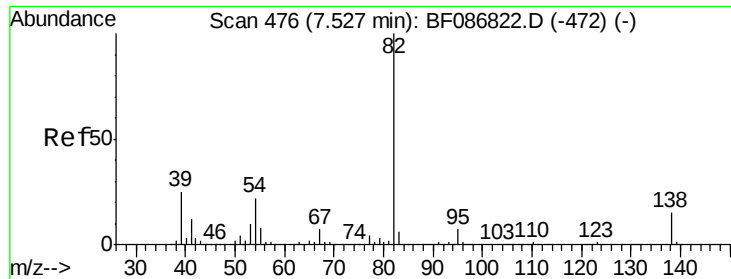
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 46.87 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-07

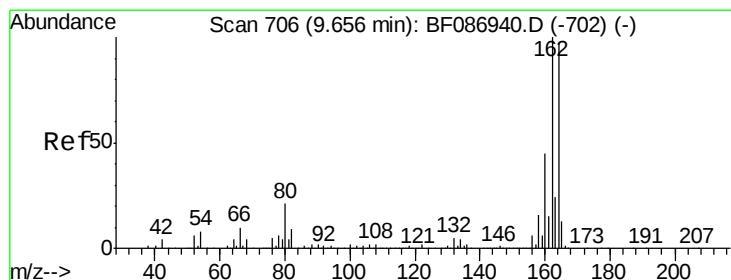
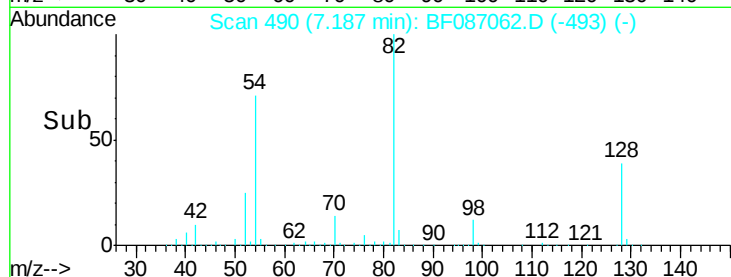
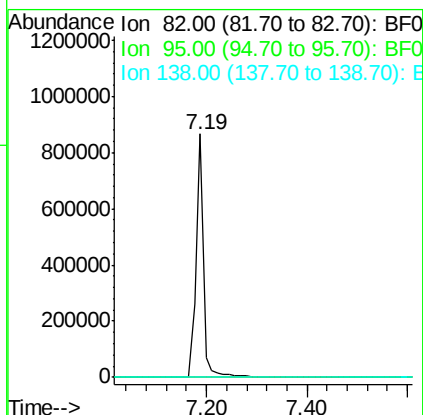
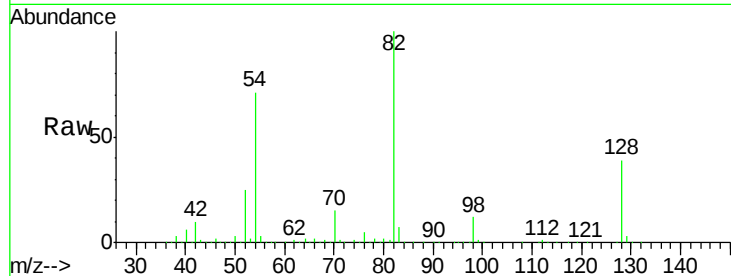
Tgt Ion: 82 Resp: 888744

Ion Ratio Lower Upper

82 100

95 0.1 5.1 7.7#

138 0.0 12.4 18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

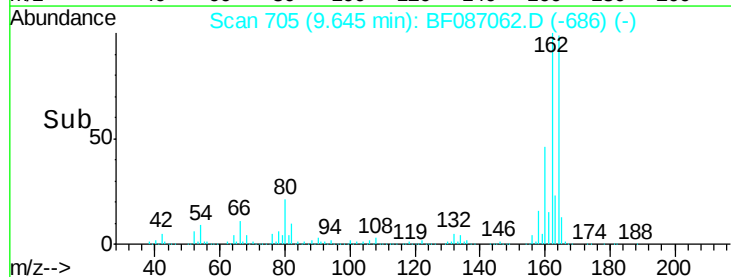
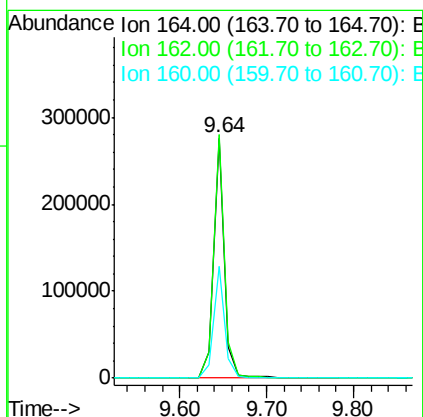
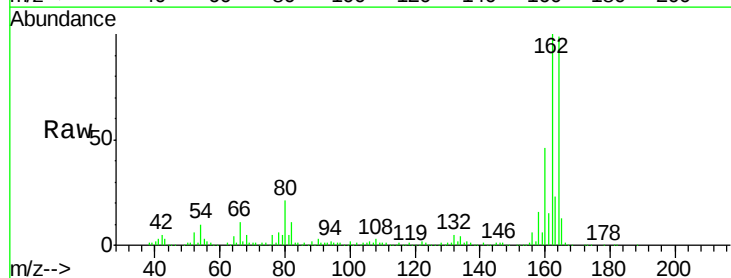
Tgt Ion: 164 Resp: 243473

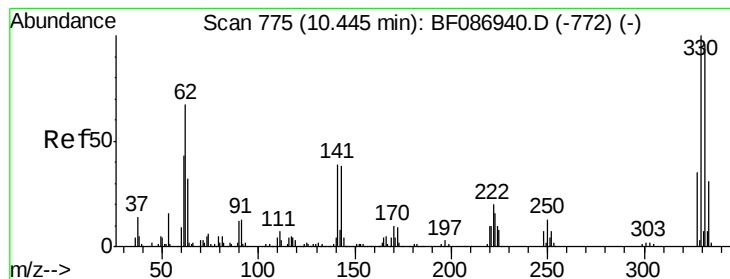
Ion Ratio Lower Upper

164 100

162 101.5 82.8 124.2

160 46.7 36.9 55.3

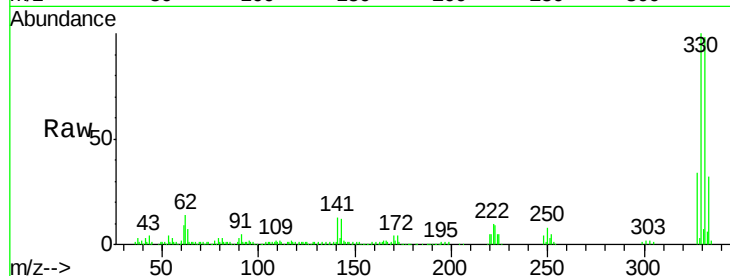




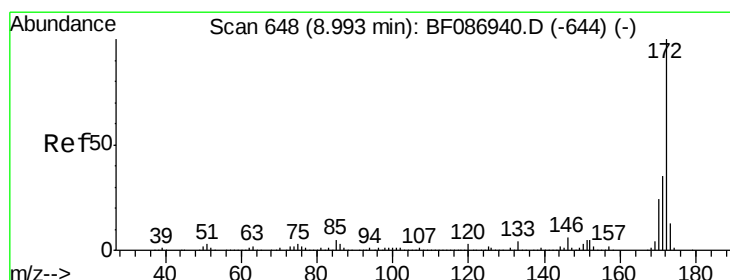
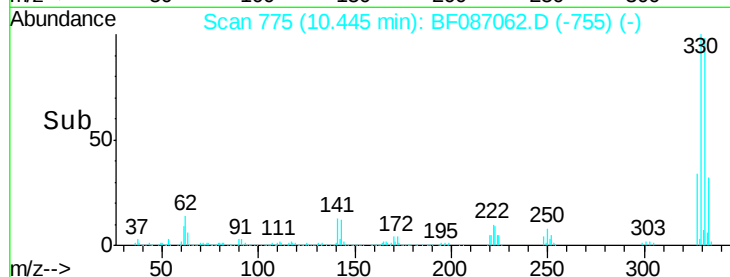
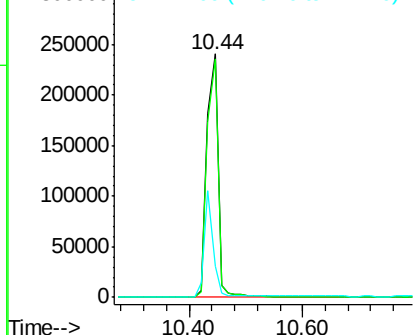
#41
 2,4,6-Tribromophenol
 Concen: 122.85 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:330 Resp: 316666
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 34.5 31.2 46.8

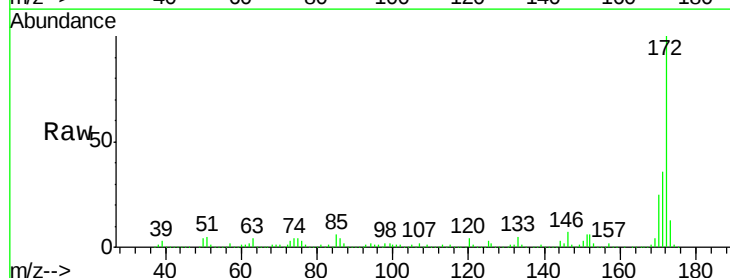


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

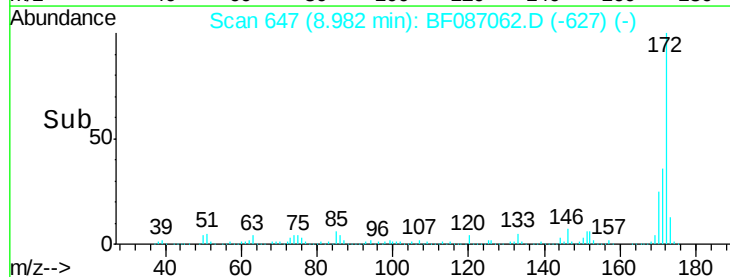
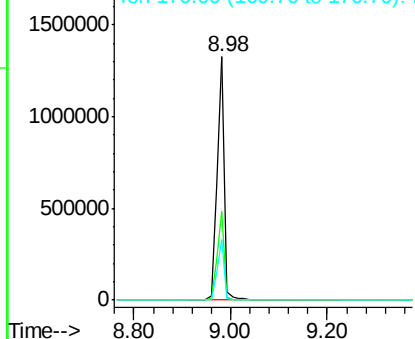


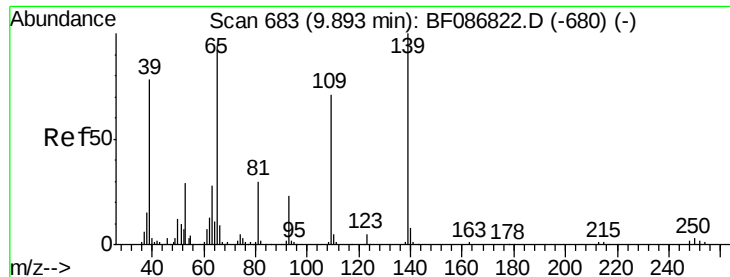
#44
 2-Fluorobiphenyl
 Concen: 98.58 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087062.D
 Acq: 15 May 2016 11:36

Tgt Ion:172 Resp: 1428153
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.7 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





#55

4-Nitrophenol

Concen: 4.63 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.13 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-07

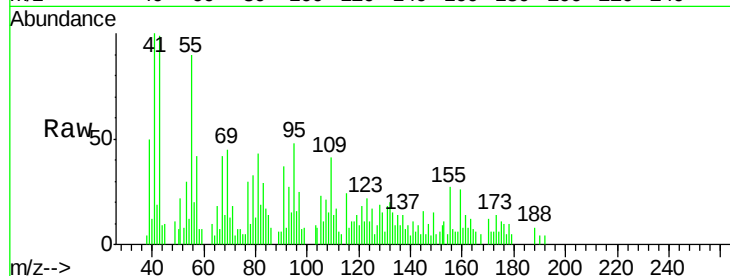
Tgt Ion:139 Resp: 202

Ion Ratio Lower Upper

139 100

109 438.0 36.9 76.9#

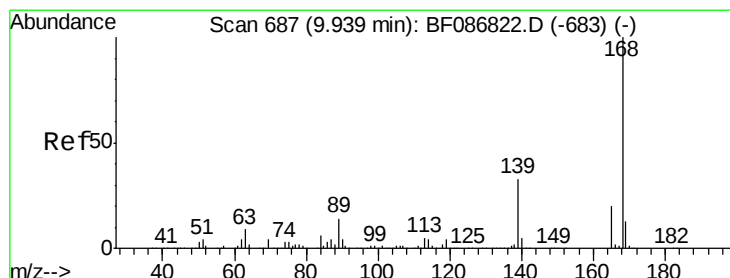
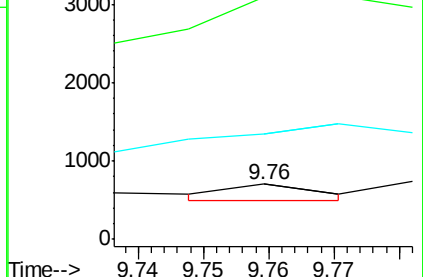
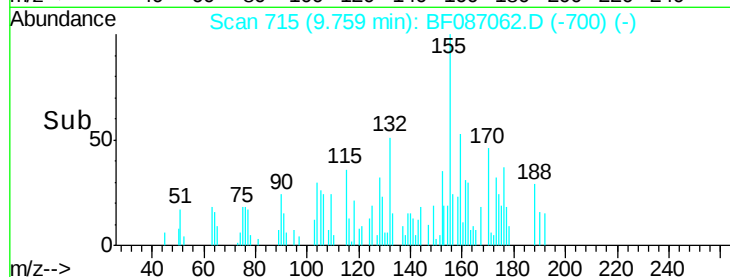
65 191.2 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.91 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.29 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

Tgt Ion:165 Resp: 33408

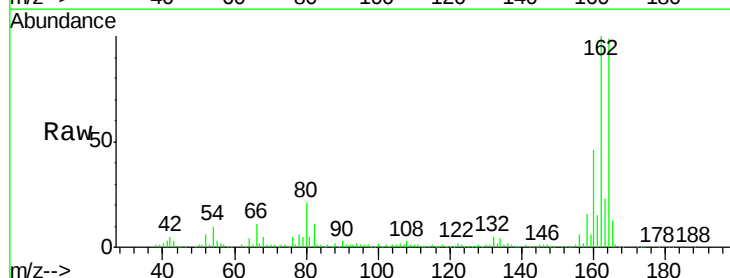
Ion Ratio Lower Upper

165 100

63 3.1 44.3 66.5#

89 3.3 70.0 105.0#

182 1.8 1.8 2.6

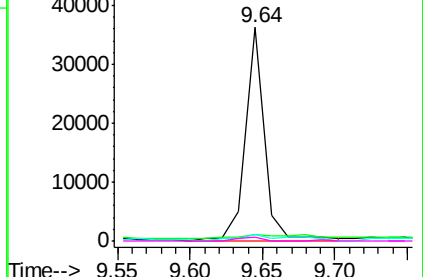
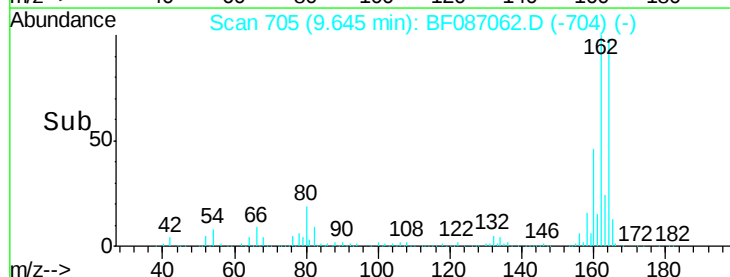


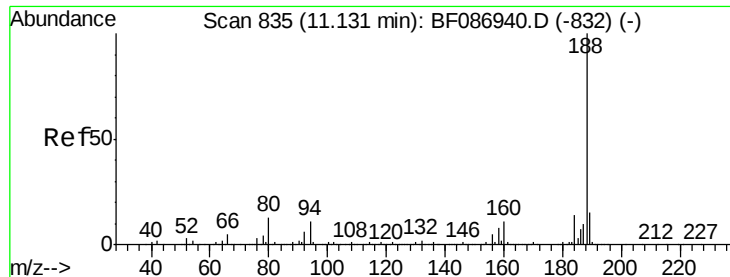
Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.09 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

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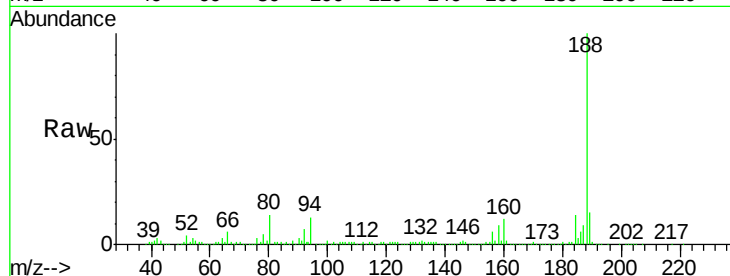
Tgt Ion:188 Resp: 409974

Ion Ratio Lower Upper

188 100

94 12.6 6.8 10.2#

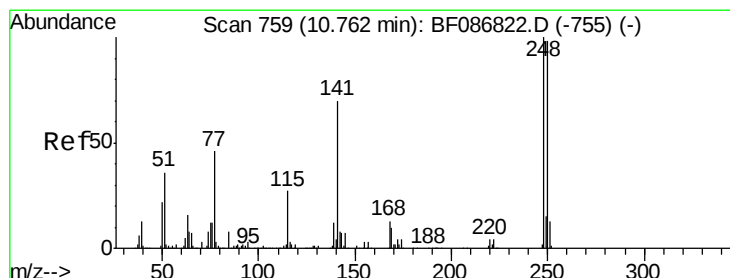
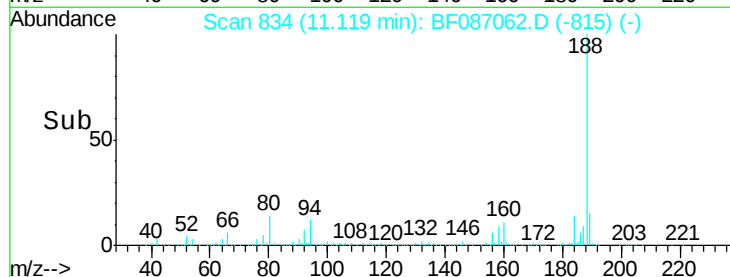
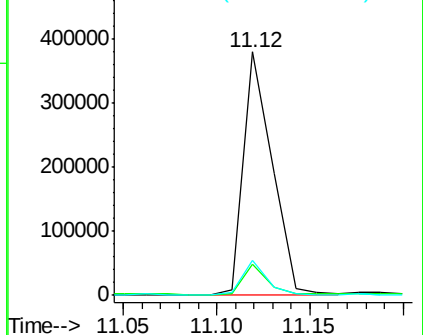
80 14.4 7.1 10.7#



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: 4.40 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

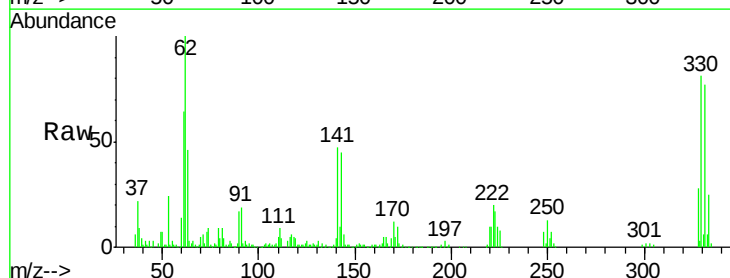
Tgt Ion:248 Resp: 18309

Ion Ratio Lower Upper

248 100

250 190.6 78.6 117.8#

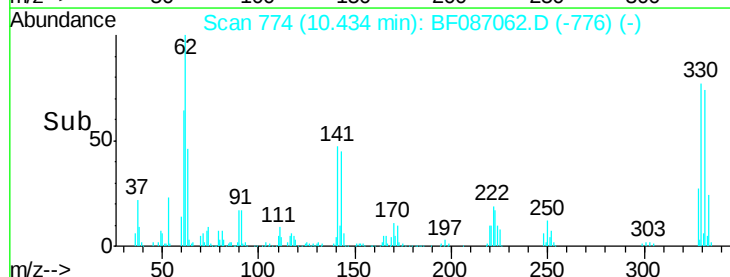
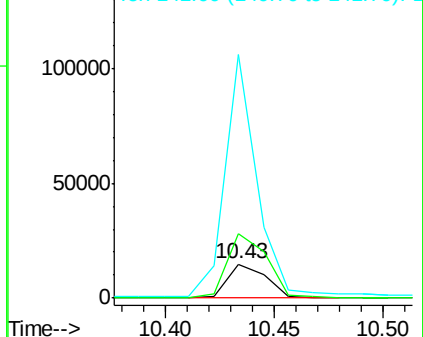
141 717.8 76.0 114.0#

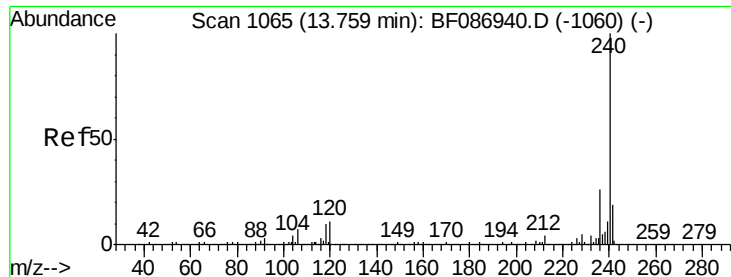


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

Instrument :

BNA_F

ClientSampleId :

MW-07

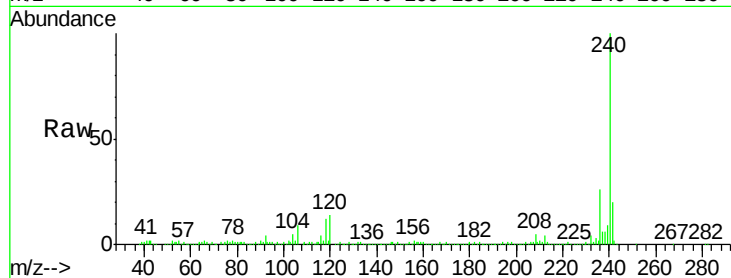
Tgt Ion:240 Resp: 293730

Ion Ratio Lower Upper

240 100

120 13.6 11.2 16.8

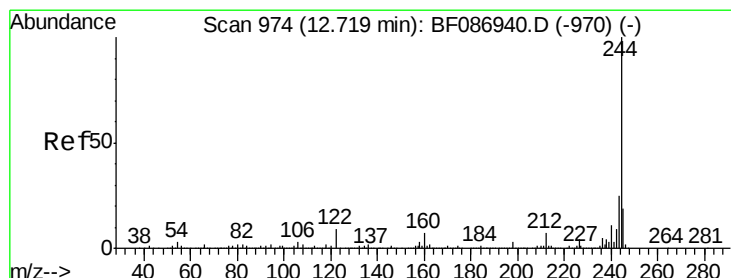
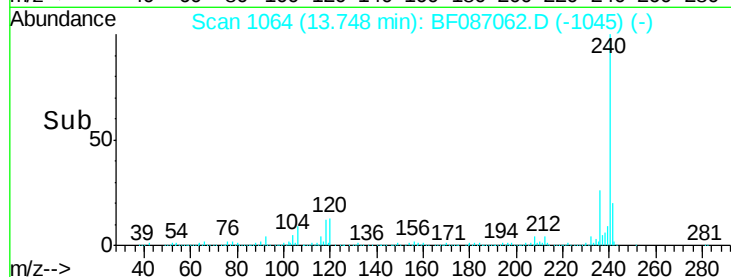
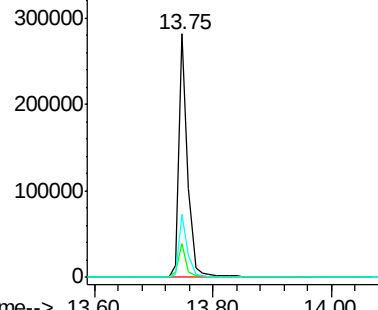
236 26.0 21.2 31.8



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: 70.26 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087062.D

Acq: 15 May 2016 11:36

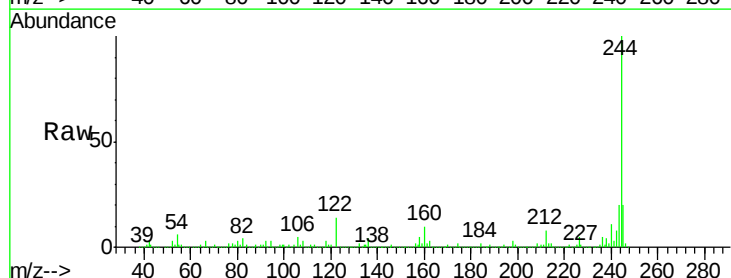
Tgt Ion:244 Resp: 972732

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

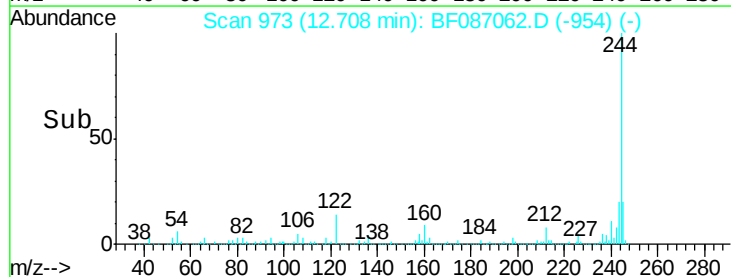
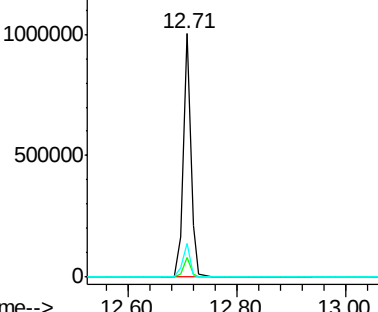
122 13.8 12.0 18.0

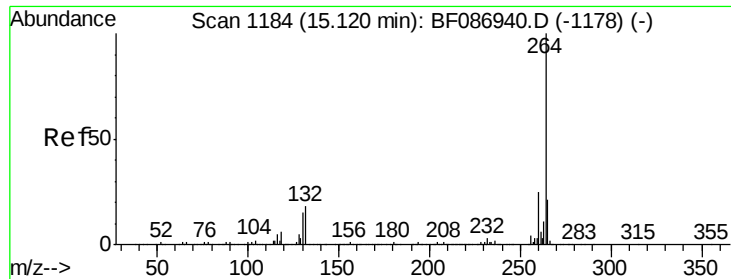


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087062.D
Acq: 15 May 2016 11:36

Instrument :
BNA_F
ClientSampleId :
MW-07

Tgt Ion: 264 Resp: 281972
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.5 17.3 25.9

