

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086131.D
 Acq On : 7 Apr 2016 14:48
 Operator : UM/SJ
 Sample : H2230-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-040116

Quant Time: Apr 08 01:39:18 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

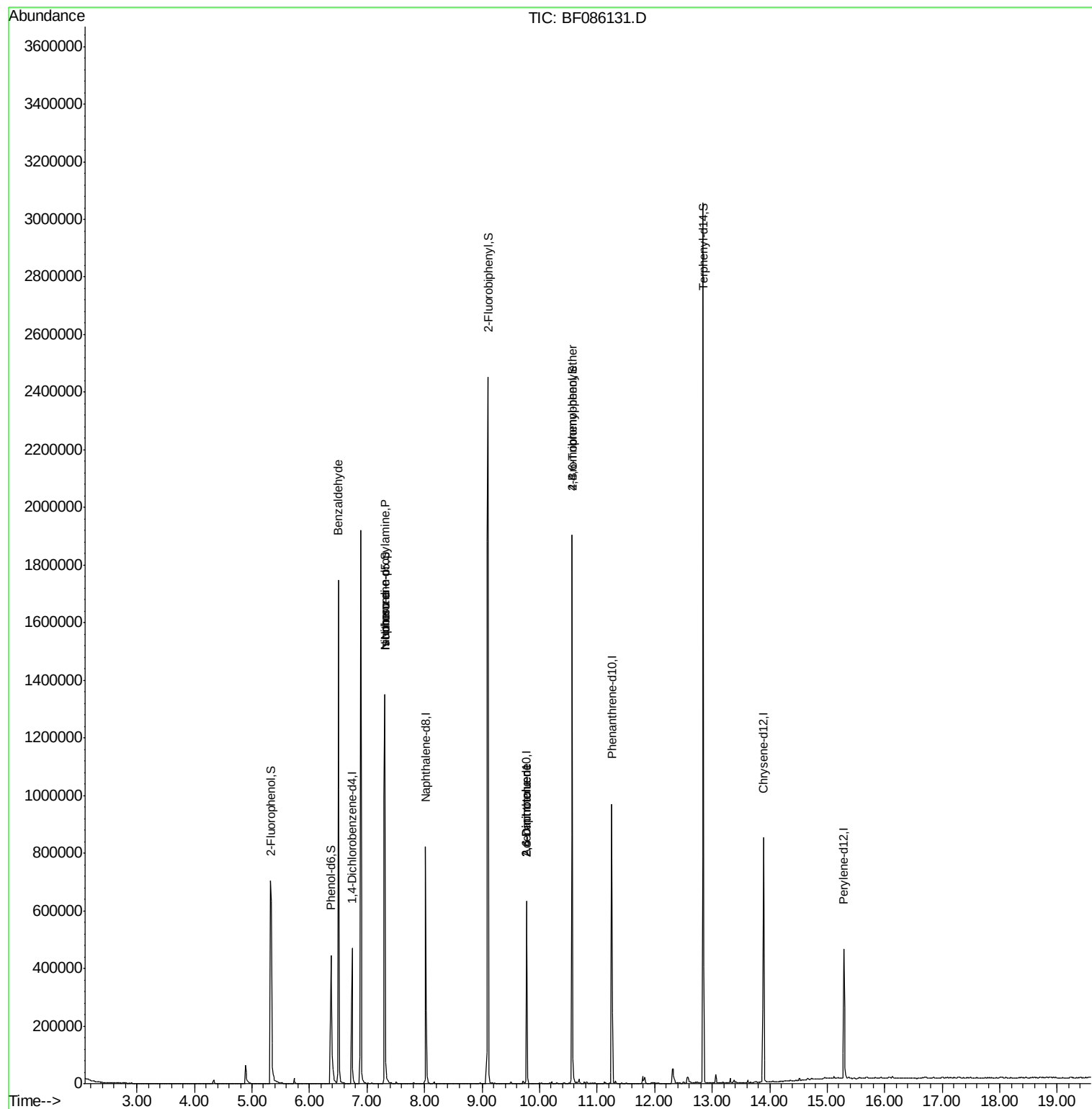
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	96105	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	391615	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	172715	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	348209	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	296029	20.00	ng	-0.03
86) Perylene-d12	15.29	264	205878	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	353078	62.80	ng	-0.03
7) Phenol-d6	6.37	99	270605	37.89	ng	-0.05
23) Nitrobenzene-d5	7.31	82	626321	94.32	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	273151	168.50	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1075002	103.49	ng	-0.03
78) Terphenyl-d14	12.84	244	974346	77.37	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.50	77	13160	3.42	ng	# 77
19) n-Nitroso-di-n-propylamine	7.31	70	80048	18.08	ng	# 74
25) Isophorone	7.31	82	622599	47.50	ng	# 68
50) 2,6-Dinitrotoluene	9.77	165	21965	8.11	ng	# 18
56) 2,4-Dinitrotoluene	9.77	165	21967	6.42	ng	# 36
66) 4-Bromophenyl-phenylether	10.57	248	18418	5.18	ng	# 1

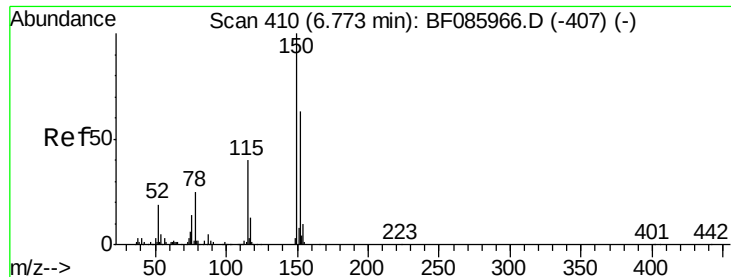
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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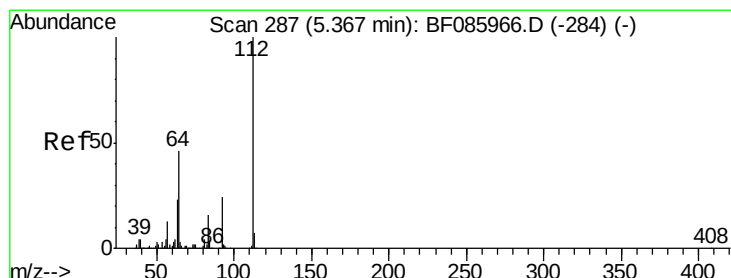
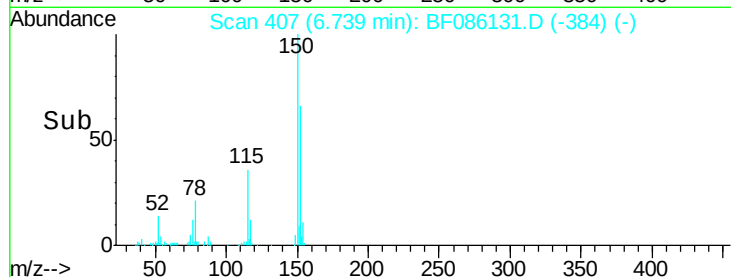
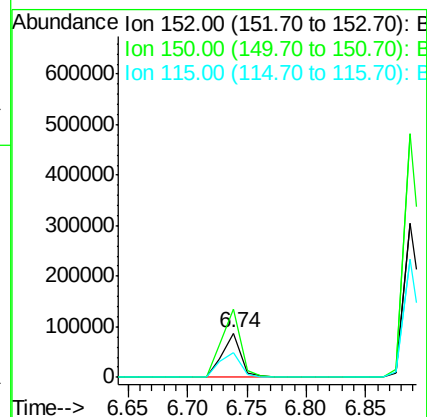
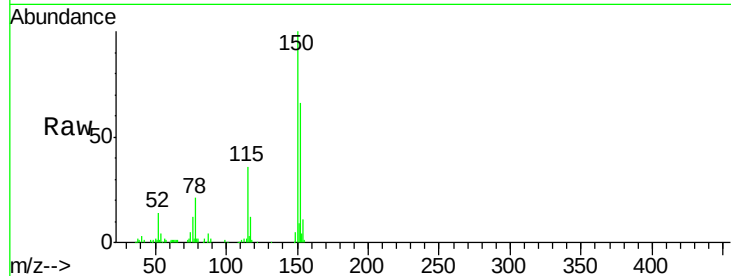


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086131.D
Acq: 7 Apr 2016 14:48

Instrument :
BNA_F
ClientSampleId :
MW-10-040116

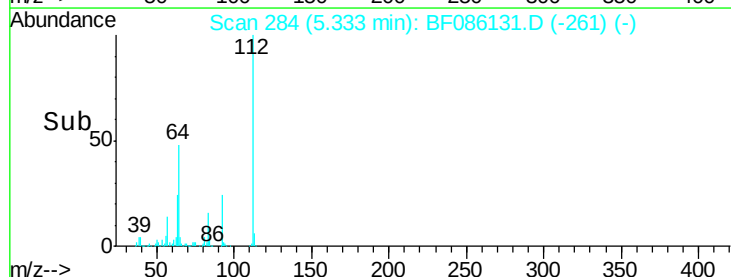
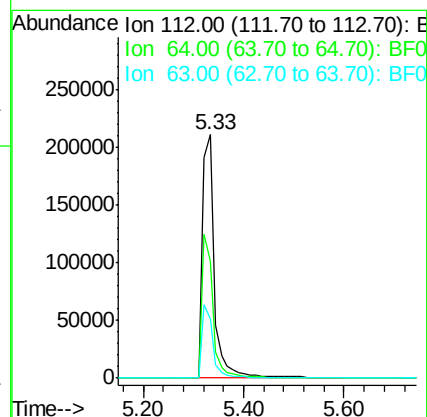
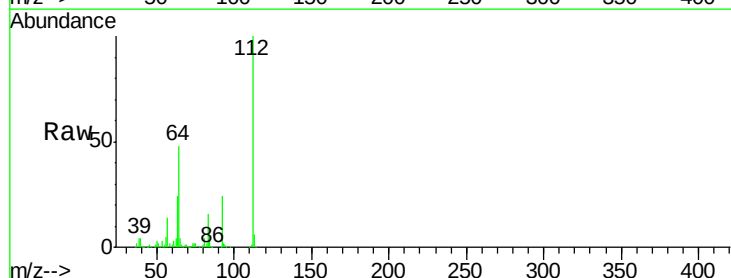
Tgt Ion:152 Resp: 96105
Ion Ratio Lower Upper
152 100
150 152.5 124.2 186.2
115 55.7 47.0 70.6

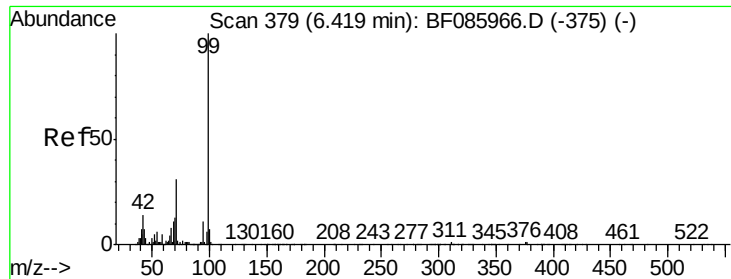


#5

2-Fluorophenol
Concen: 62.80 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086131.D
Acq: 7 Apr 2016 14:48

Tgt Ion:112 Resp: 353078
Ion Ratio Lower Upper
112 100
64 48.3 39.9 59.9
63 24.5 20.2 30.2





#7

Phenol-d6

Concen: 37.89 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086131.D

Acq: 7 Apr 2016 14:48

Instrument :

BNA_F

ClientSampleId :

MW-10-040116

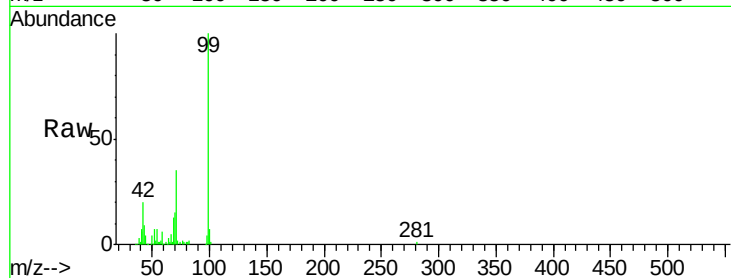
Tgt Ion: 99 Resp: 270605

Ion Ratio Lower Upper

99 100

42 19.5 11.1 16.7#

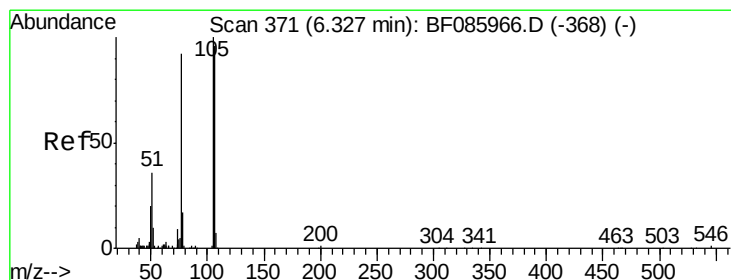
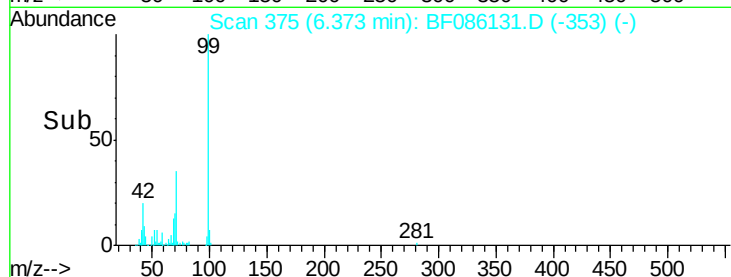
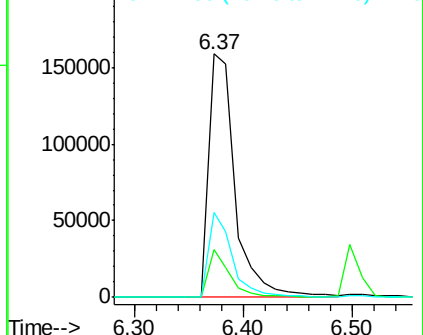
71 35.1 24.9 37.3



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: 3.42 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.17 min

Lab File: BF086131.D

Acq: 7 Apr 2016 14:48

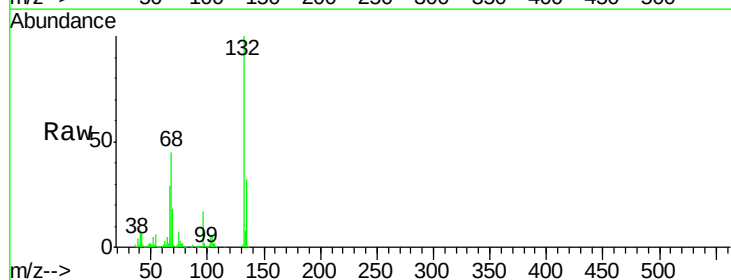
Tgt Ion: 77 Resp: 13160

Ion Ratio Lower Upper

77 100

105 77.0 80.1 120.1#

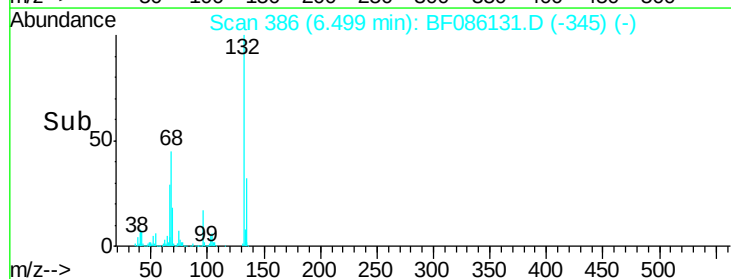
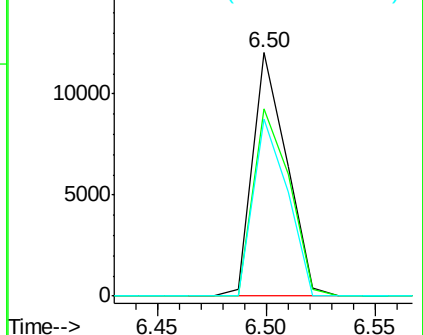
106 72.7 75.0 115.0#

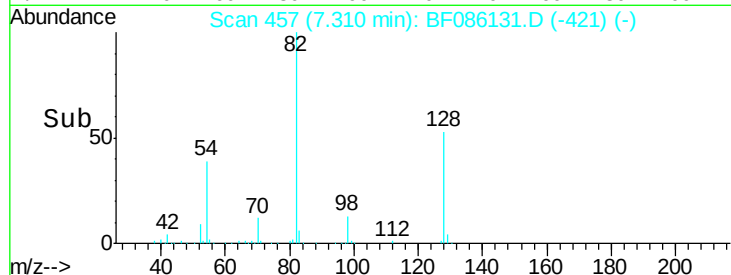
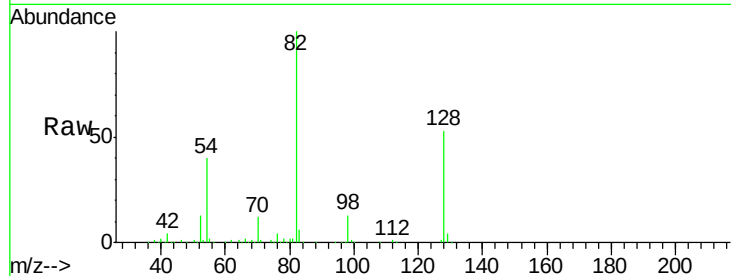
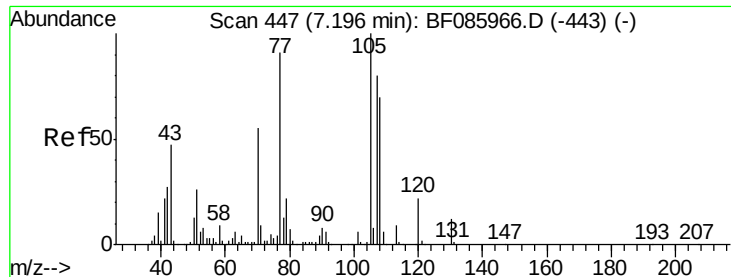


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

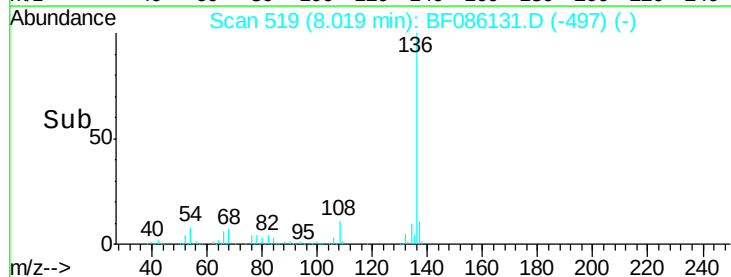
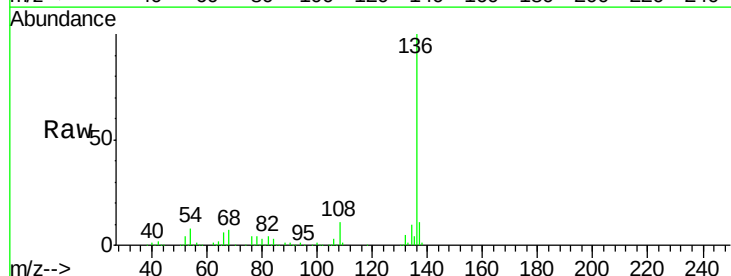
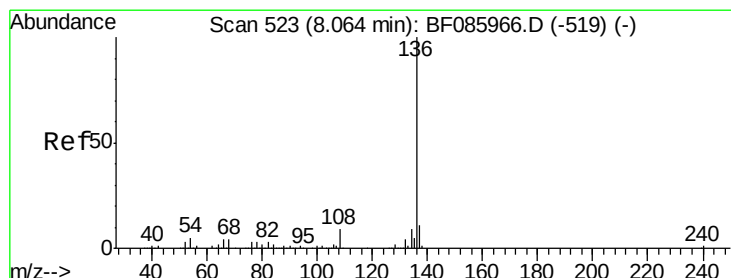
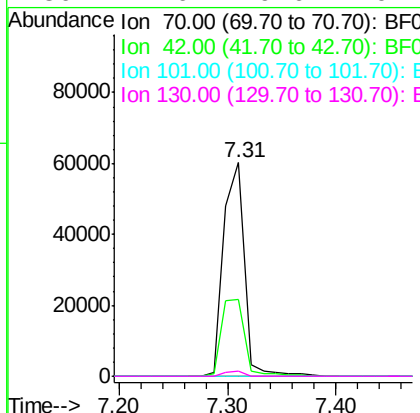




#19
n-Nitroso-di-n-propylamine
Concen: 18.08 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086131.D
Acq: 7 Apr 2016 14:48

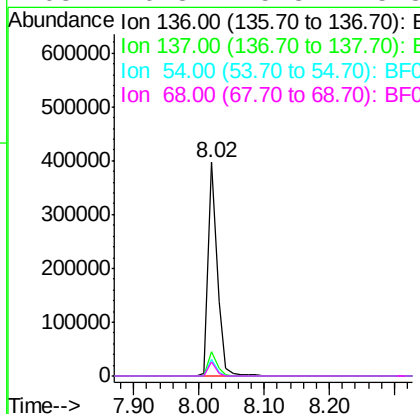
Instrument :
BNA_F
ClientSampleId :
MW-10-040116

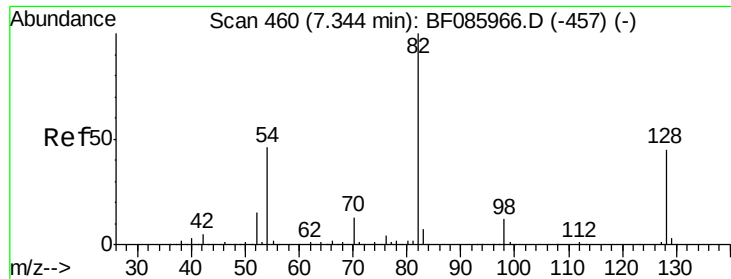
Tgt Ion: 70 Resp: 80048
Ion Ratio Lower Upper
70 100
42 35.7 37.1 55.7#
101 0.0 8.6 12.8#
130 2.6 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086131.D
Acq: 7 Apr 2016 14:48

Tgt Ion: 136 Resp: 391615
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.1 7.4 11.0
68 6.8 5.8 8.8

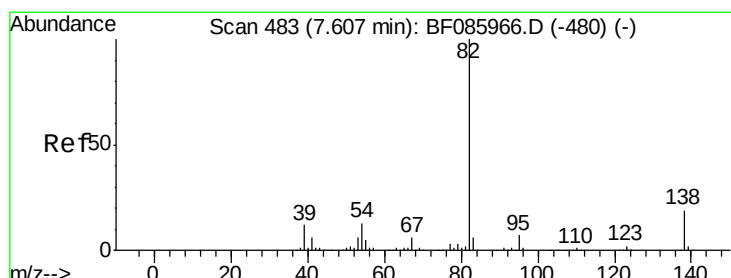
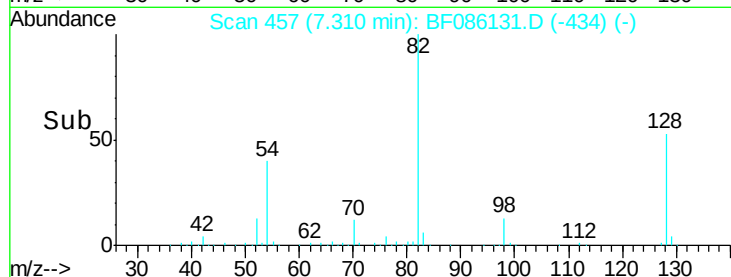
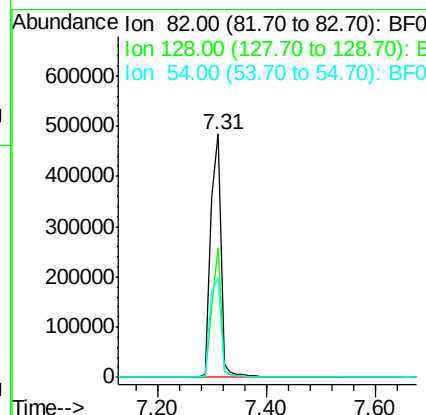
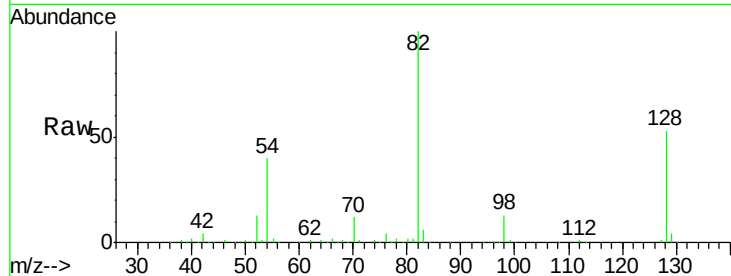




#23
 Nitrobenzene-d5
 Concen: 94.32 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086131.D
 Acq: 7 Apr 2016 14:48

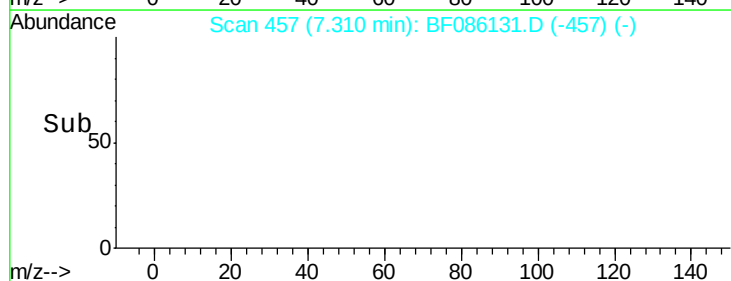
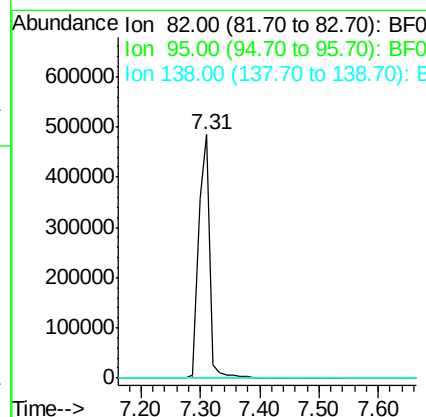
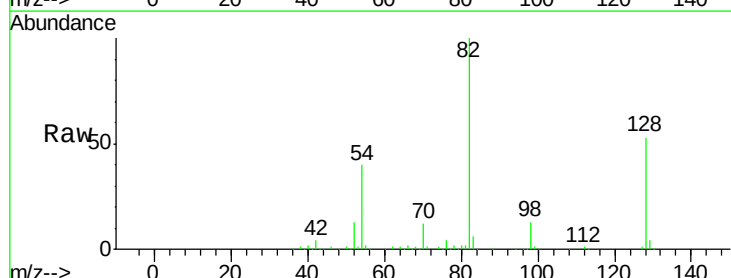
Instrument :
 BNA_F
 ClientSampleId :
 MW-10-040116

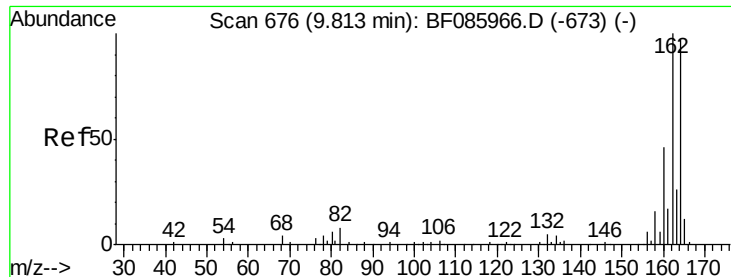
Tgt Ion: 82 Resp: 626321
 Ion Ratio Lower Upper
 82 100
 128 53.3 41.8 62.8
 54 40.4 33.4 50.0



#25
 Isophorone
 Concen: 47.50 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.30 min
 Lab File: BF086131.D
 Acq: 7 Apr 2016 14:48

Tgt Ion: 82 Resp: 622599
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#

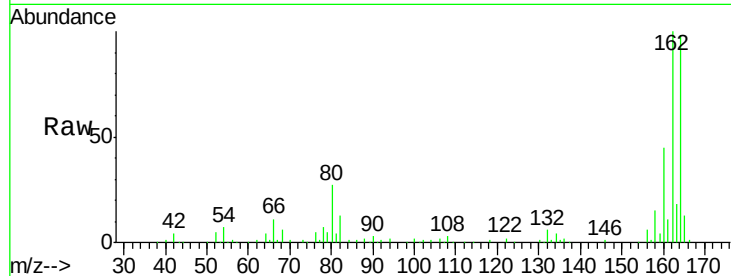




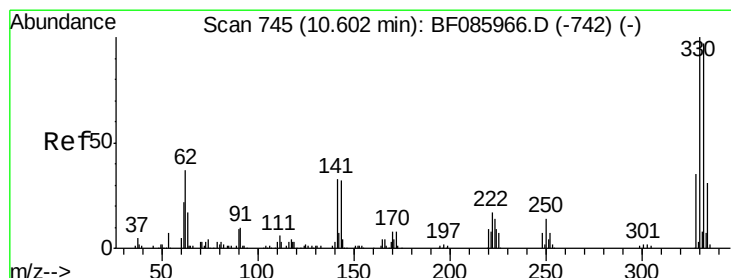
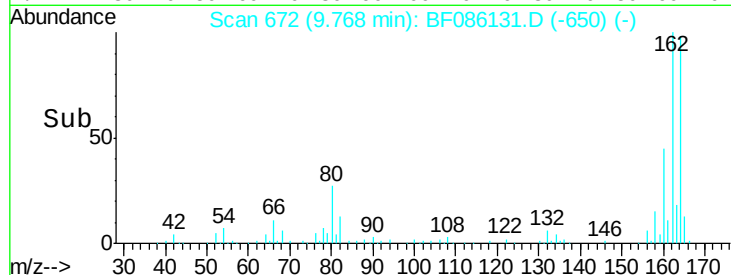
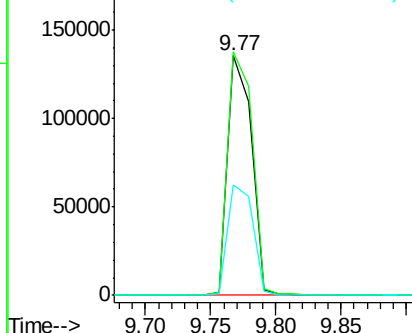
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086131.D
 Acq: 7 Apr 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-040116

Tgt Ion:164 Resp: 172715
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.1 123.1
 160 46.0 37.4 56.2

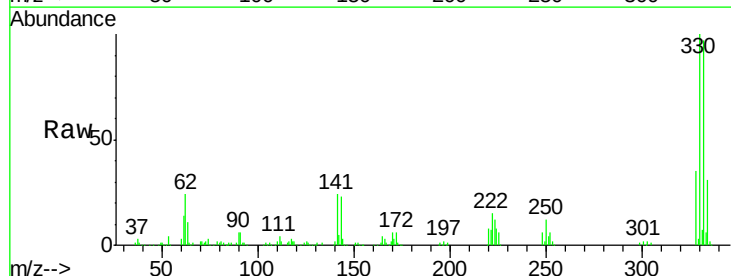


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

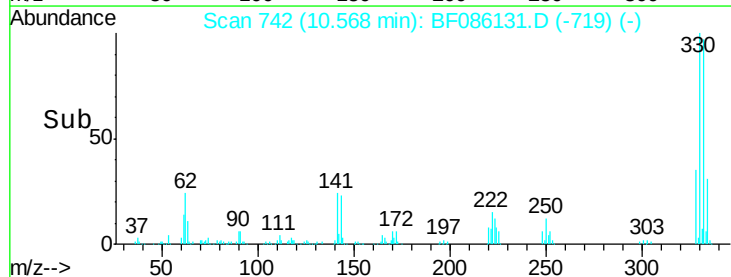
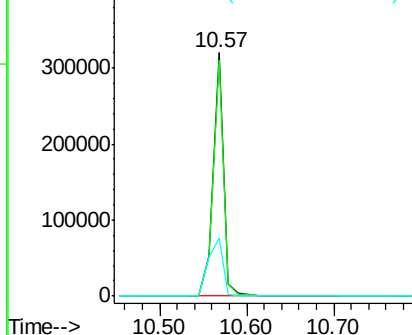


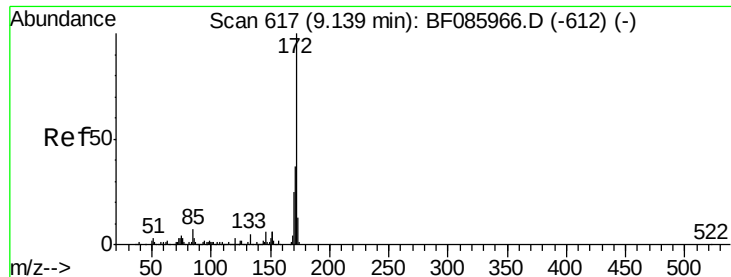
#41
 2,4,6-Tribromophenol
 Concen: 168.50 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086131.D
 Acq: 7 Apr 2016 14:48

Tgt Ion:330 Resp: 273151
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 33.5 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: 103.49 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF086131.D

Acq: 7 Apr 2016 14:48

Instrument :

BNA_F

ClientSampleId :

MW-10-040116

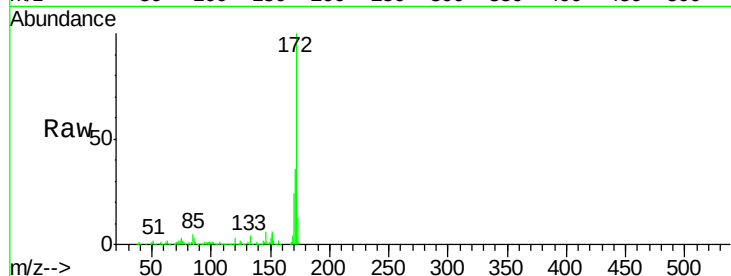
Tgt Ion:172 Resp: 1075002

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.2

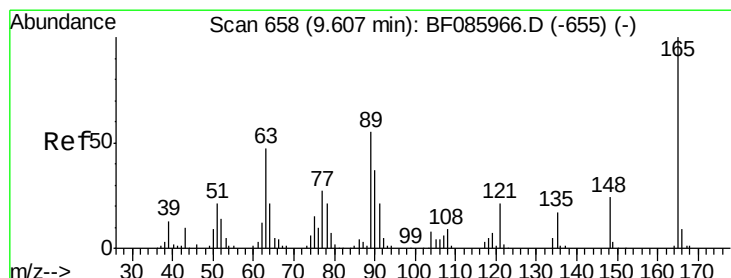
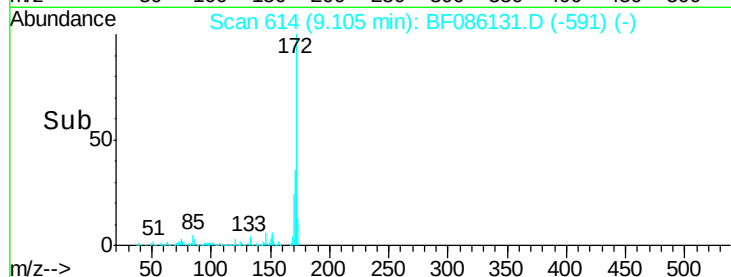
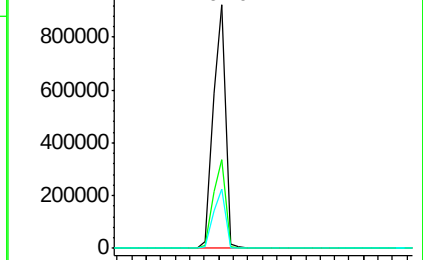
170 24.2 19.8 29.6



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: 8.11 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.16 min

Lab File: BF086131.D

Acq: 7 Apr 2016 14:48

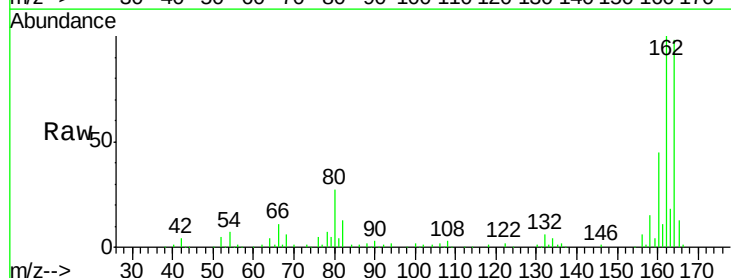
Tgt Ion:165 Resp: 21965

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

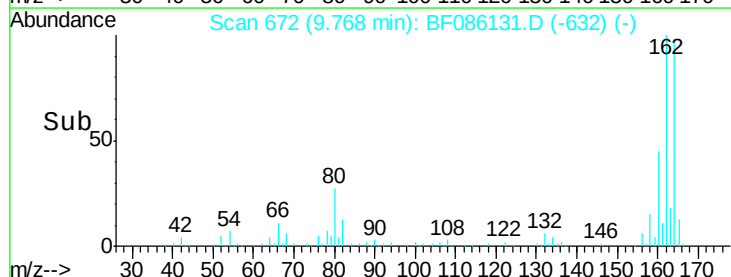
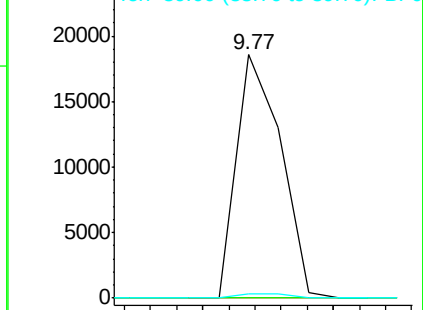
89 1.9 53.7 80.5#

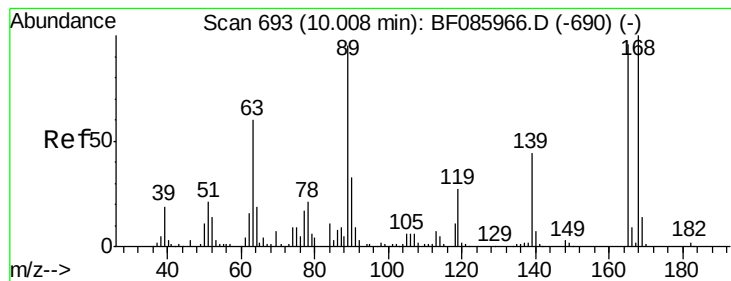


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.42 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.24 min

Lab File: BF086131.D

Acq: 7 Apr 2016 14:48

Instrument :

BNA_F

ClientSampleId :

MW-10-040116

Tgt Ion:165 Resp: 21967

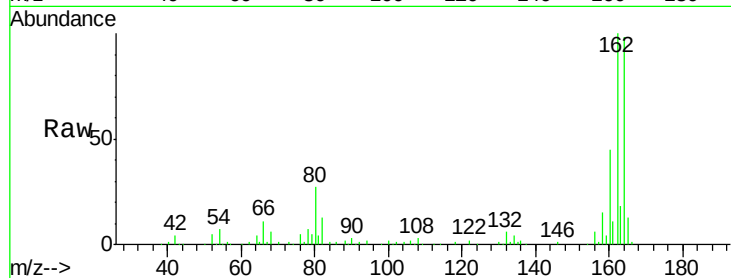
Ion Ratio Lower Upper

165 100

63 0.0 24.9 37.3#

89 1.9 41.0 61.6#

182 0.0 2.1 3.1#

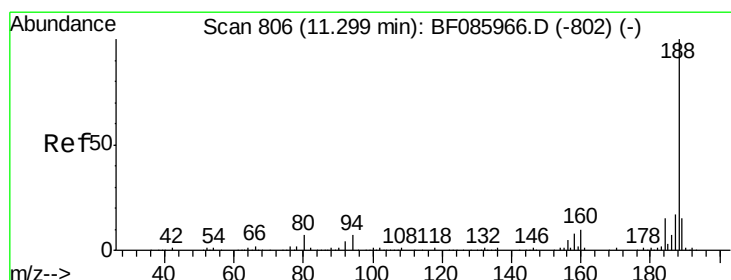
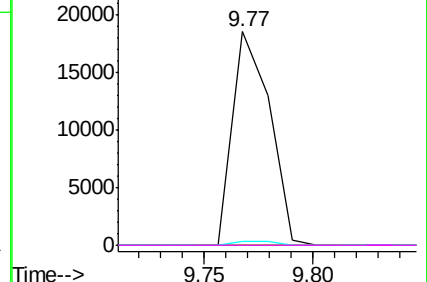
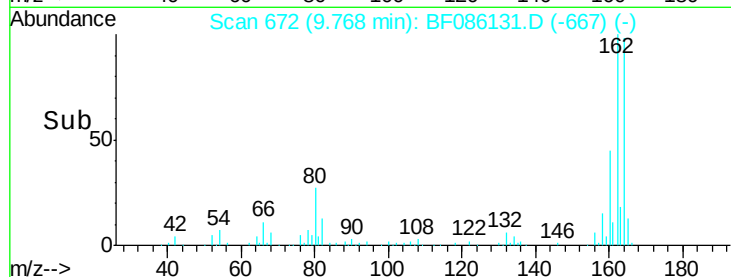


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086131.D

Acq: 7 Apr 2016 14:48

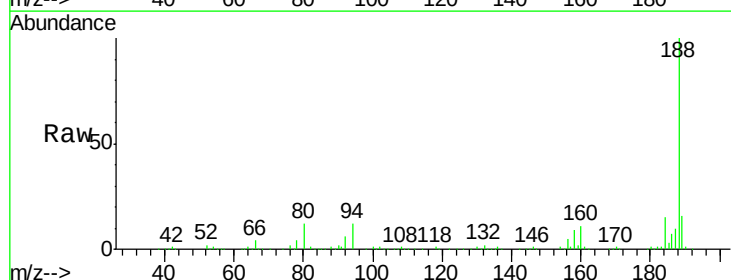
Tgt Ion:188 Resp: 348209

Ion Ratio Lower Upper

188 100

94 11.6 5.4 8.0#

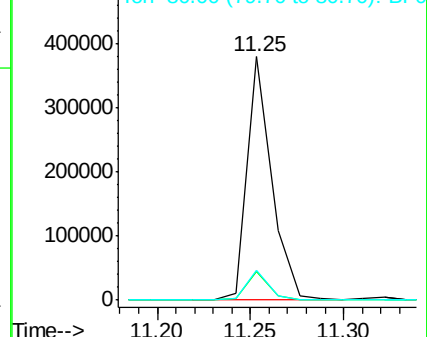
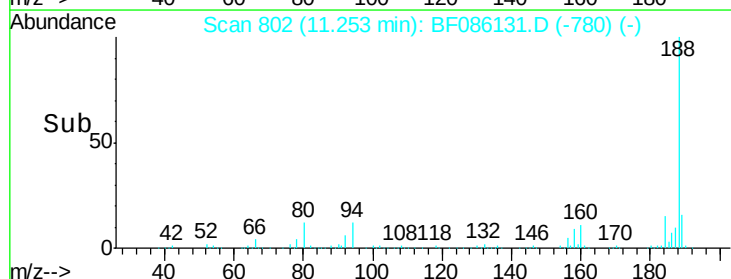
80 12.4 5.5 8.3#

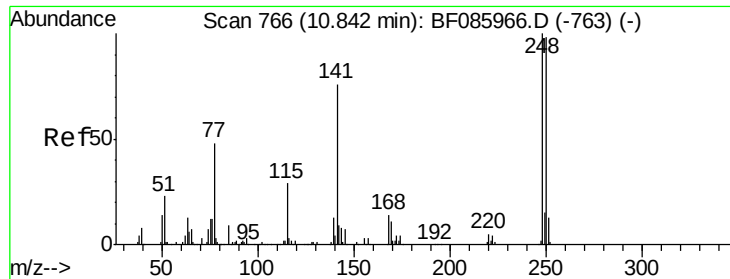


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.18 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.27 min

Lab File: BF086131.D

Acq: 7 Apr 2016 14:48

Instrument :

BNA_F

ClientSampleId :

MW-10-040116

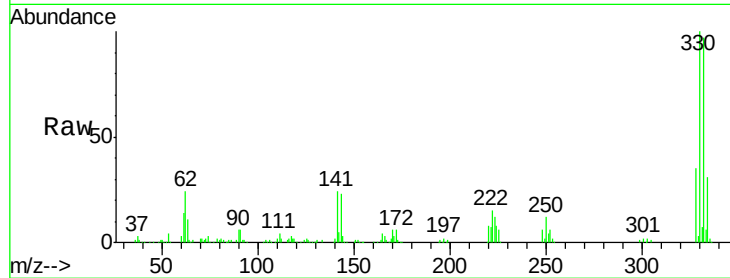
Tgt Ion:248 Resp: 18418

Ion Ratio Lower Upper

248 100

250 192.8 77.4 116.0#

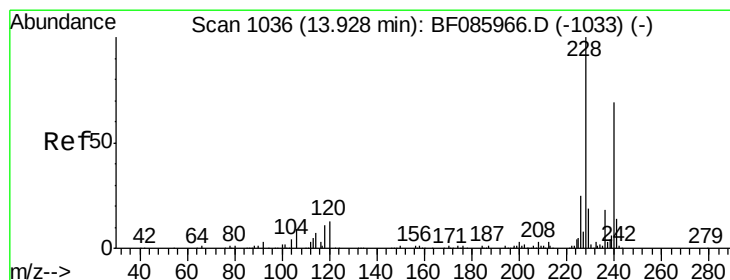
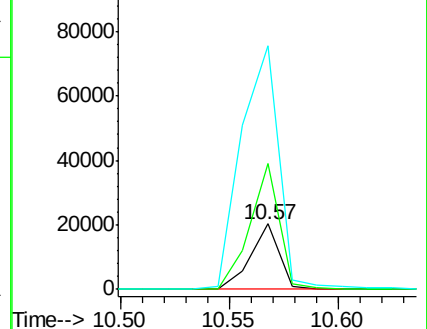
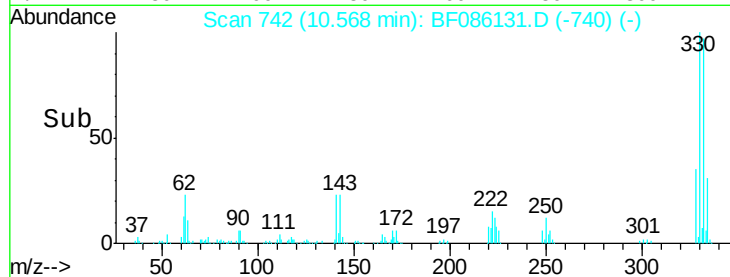
141 373.2 63.6 95.4#



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: BF086131.D

Acq: 7 Apr 2016 14:48

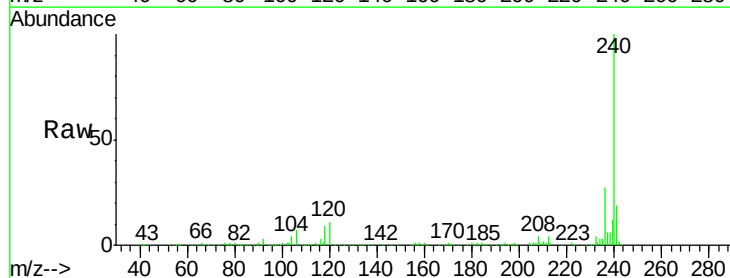
Tgt Ion:240 Resp: 296029

Ion Ratio Lower Upper

240 100

120 11.0 13.8 20.8#

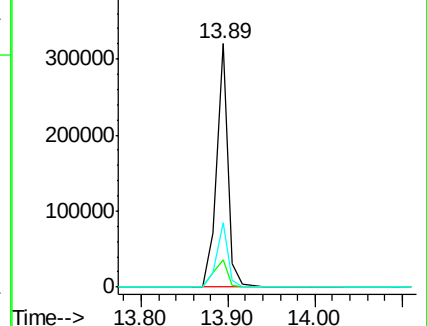
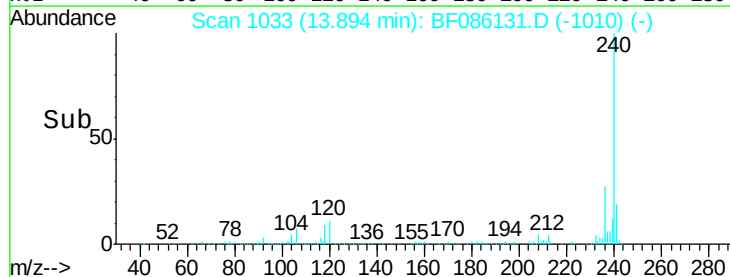
236 26.7 20.6 30.8

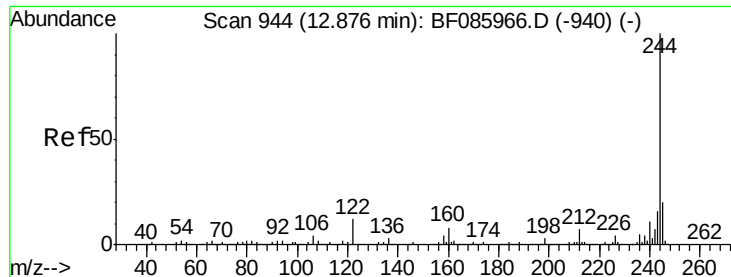


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

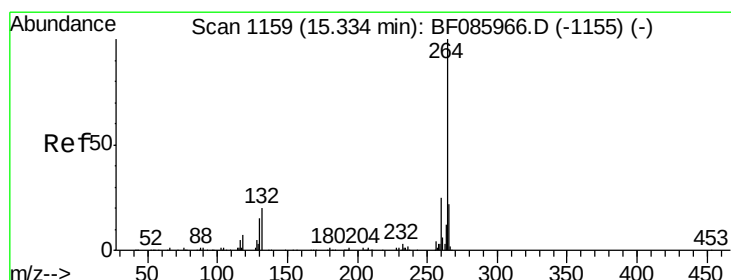
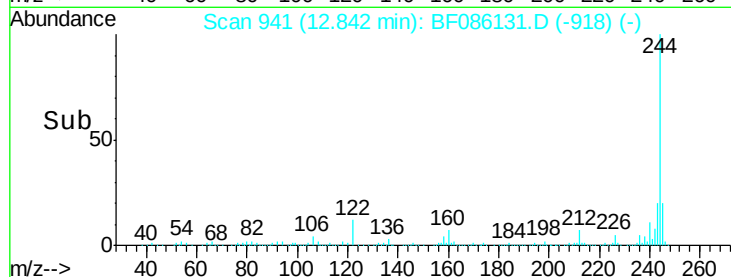
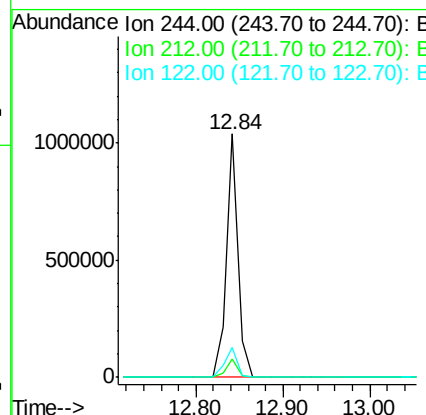
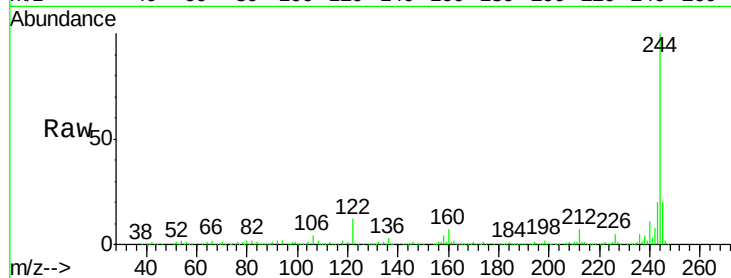




#78
 Terphenyl-d14
 Concen: 77.37 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF086131.D
 Acq: 7 Apr 2016 14:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-10-040116

Tgt Ion:244 Resp: 974346
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.1 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF086131.D
 Acq: 7 Apr 2016 14:48

Tgt Ion:264 Resp: 205878
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.8 17.2 25.8

