

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086139.D
 Acq On : 7 Apr 2016 19:36
 Operator : UM/SJ
 Sample : H2230-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-040116

Quant Time: Apr 08 01:42:04 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

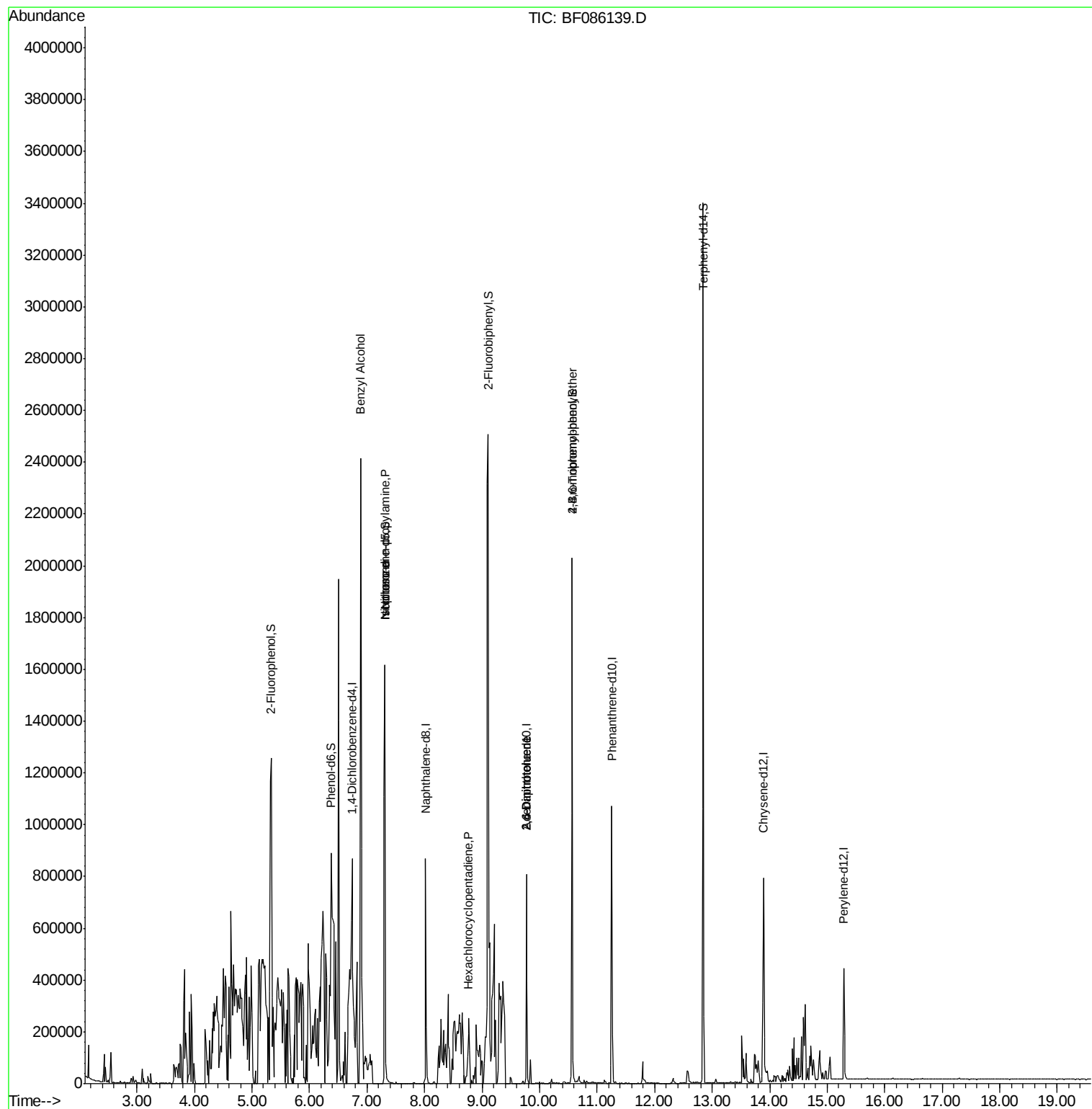
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	101591	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	405368	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	183036	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	371529	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	280670	20.00	ng	-0.03
86) Perylene-d12	15.29	264	185548	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	439272	73.91	ng	-0.03
7) Phenol-d6	6.37	99	345407	45.75	ng	-0.05
23) Nitrobenzene-d5	7.31	82	724376	105.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	309312	180.05	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1175173	106.75	ng	-0.03
78) Terphenyl-d14	12.84	244	1084803	90.85	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.89	79	11138	2.28	ng	# 51
19) n-Nitroso-di-n-propylamine	7.31	70	94466	20.19	ng	# 75
25) Isophorone	7.31	82	719589	53.03	ng	# 68
40) Hexachlorocyclopentadiene	8.76	237	798	5.93	ng	# 83
50) 2,6-Dinitrotoluene	9.77	165	23142	8.06	ng	# 19
56) 2,4-Dinitrotoluene	9.77	165	23143	6.38	ng	# 37
66) 4-Bromophenyl-phenylether	10.57	248	20995	5.54	ng	# 1

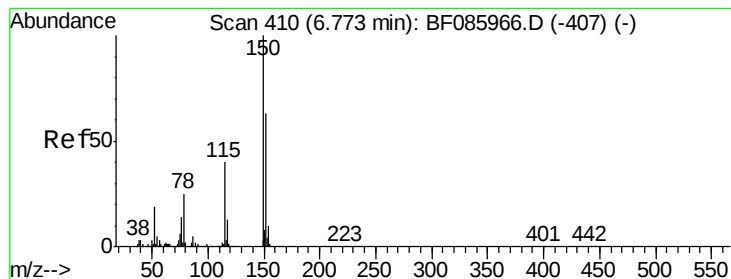
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086139.D

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Instrument :

BNA_F

ClientSampleId :

MW-8-040116

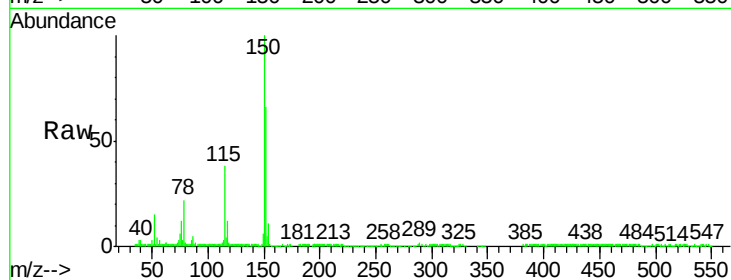
Tgt Ion:152 Resp: 101591

Ion Ratio Lower Upper

152 100

150 151.3 124.2 186.2

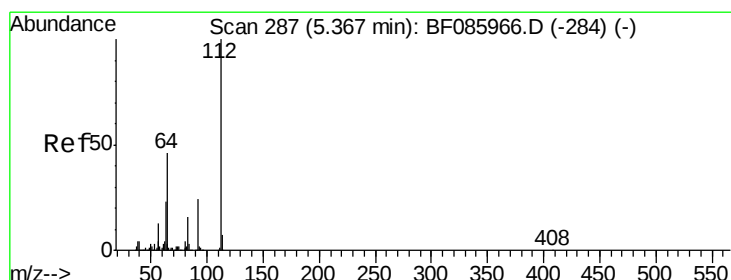
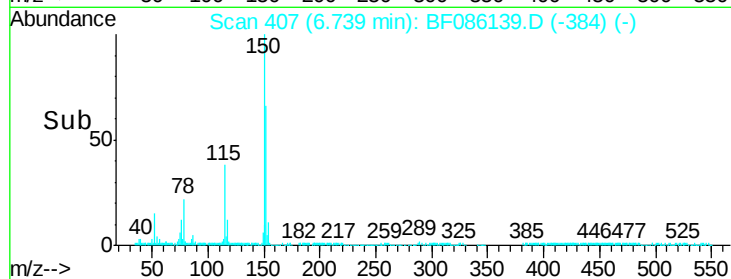
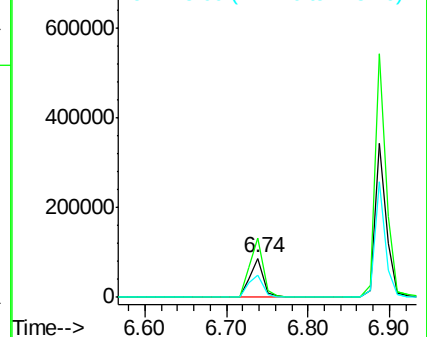
115 57.1 47.0 70.6



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: 73.91 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

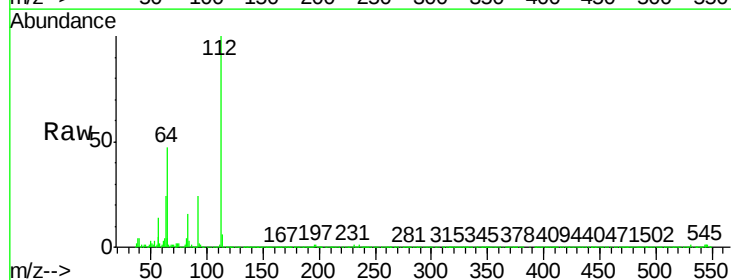
Tgt Ion:112 Resp: 439272

Ion Ratio Lower Upper

112 100

64 46.7 39.9 59.9

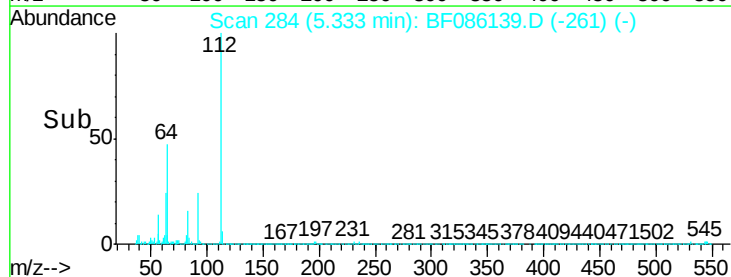
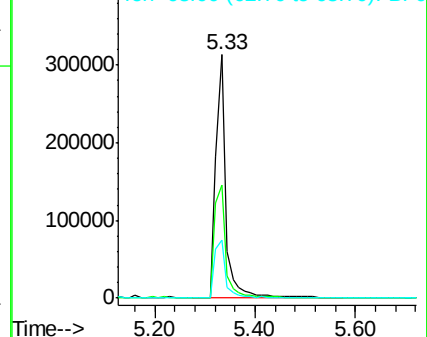
63 23.7 20.2 30.2

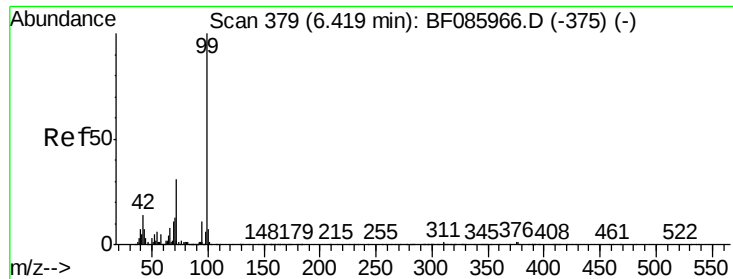


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.75 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

Instrument :

BNA_F

ClientSampleId :

MW-8-040116

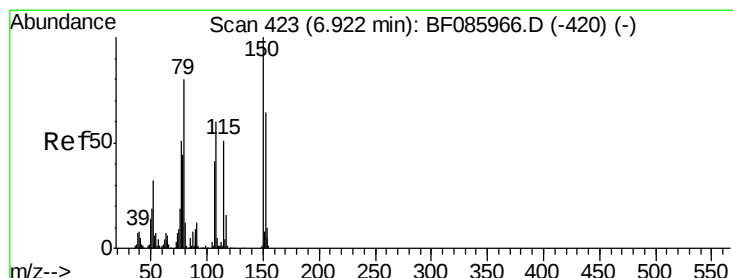
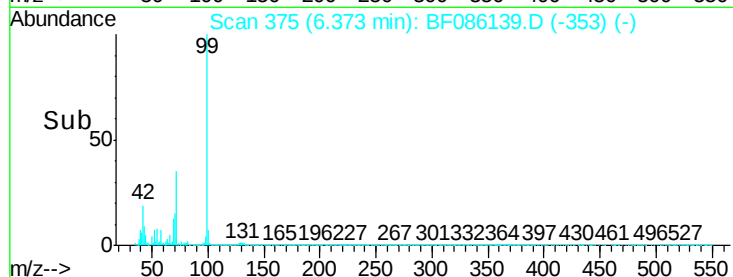
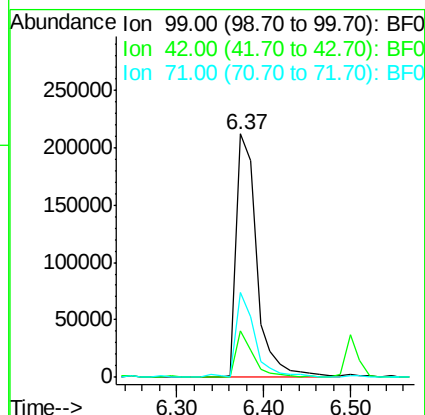
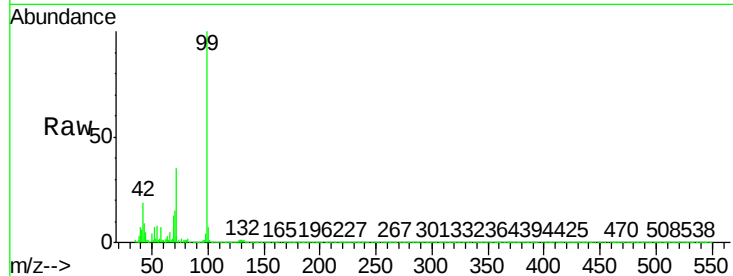
Tgt Ion: 99 Resp: 345407

Ion Ratio Lower Upper

99 100

42 18.8 11.1 16.7#

71 35.0 24.9 37.3



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF086139.D

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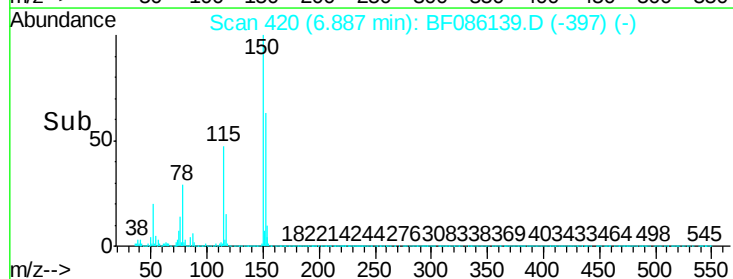
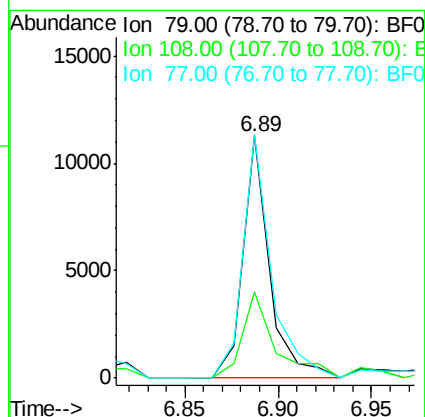
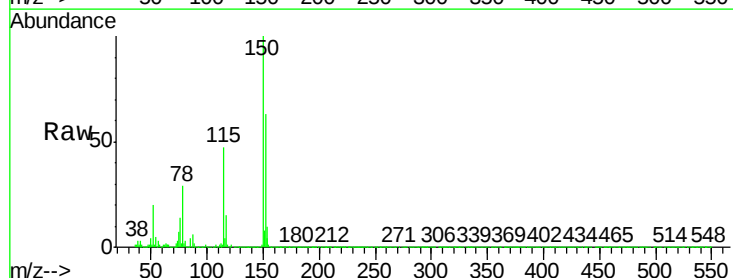
Tgt Ion: 79 Resp: 11138

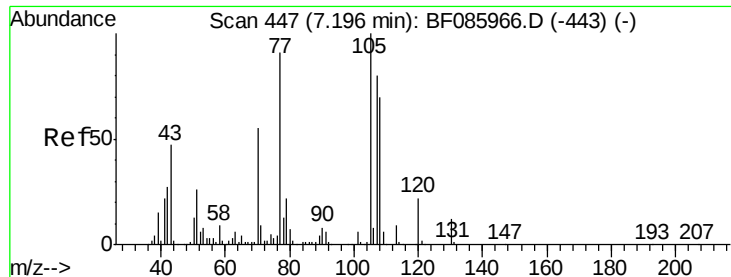
Ion Ratio Lower Upper

79 100

108 35.7 61.8 92.6#

77 100.7 49.6 74.4#

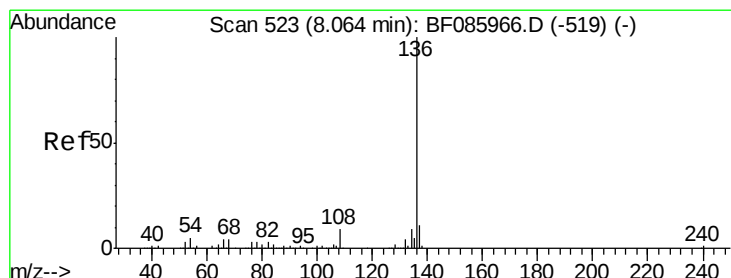
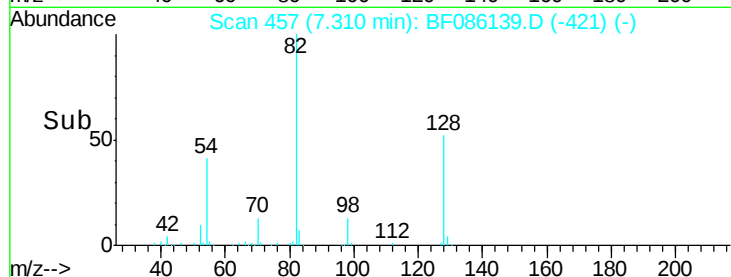
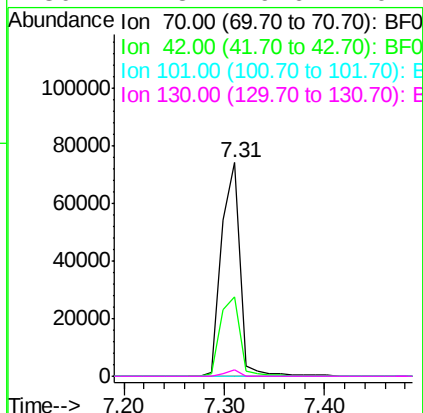
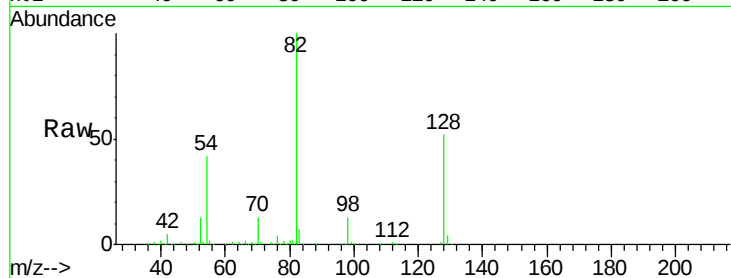




#19
n-Nitroso-di-n-propylamine
Concen: 20.19 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086139.D
Acq: 7 Apr 2016 19:36

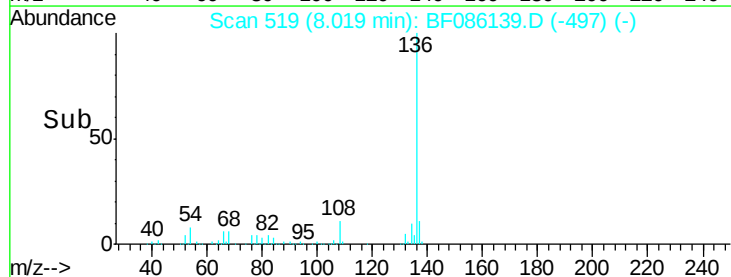
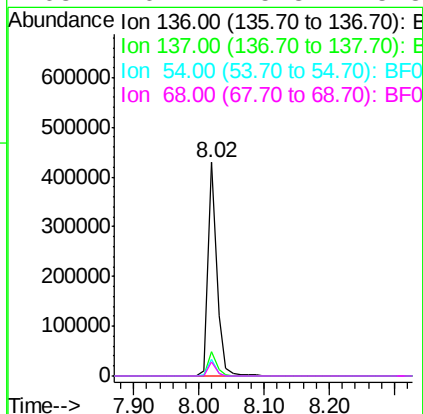
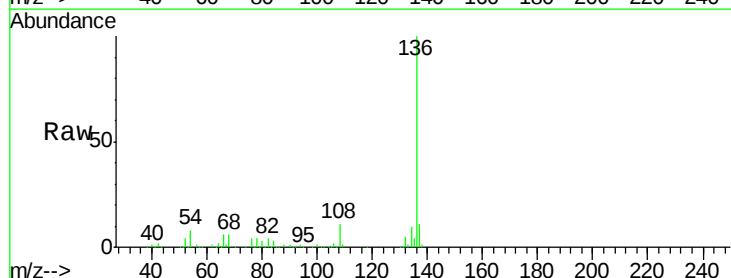
Instrument :
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MW-8-040116

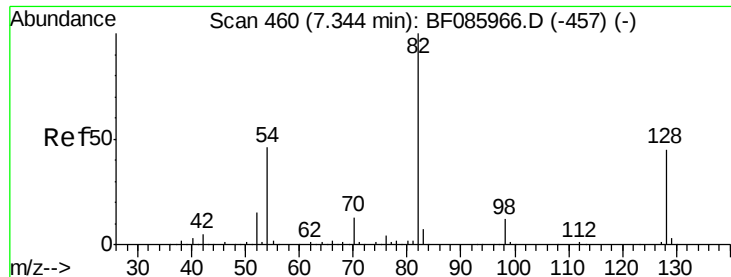
Tgt Ion: 70 Resp: 94466
Ion Ratio Lower Upper
70 100
42 37.3 37.1 55.7
101 0.0 8.6 12.8#
130 2.8 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086139.D
Acq: 7 Apr 2016 19:36

Tgt Ion: 136 Resp: 405368
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.7 7.4 11.0
68 6.4 5.8 8.8

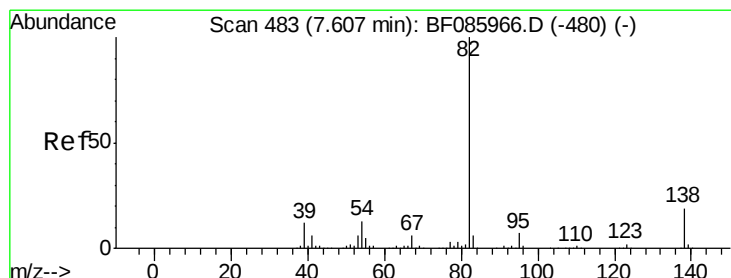
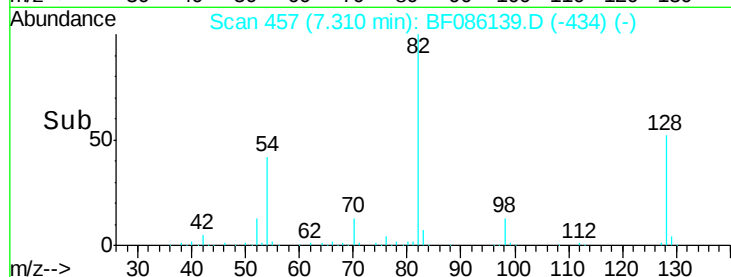
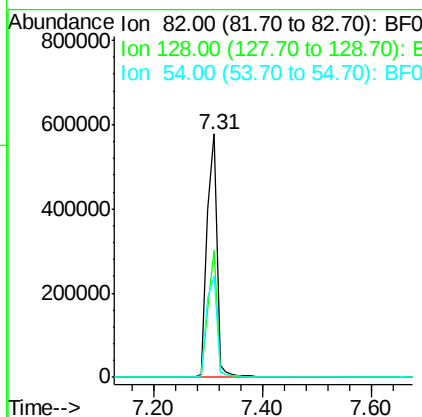
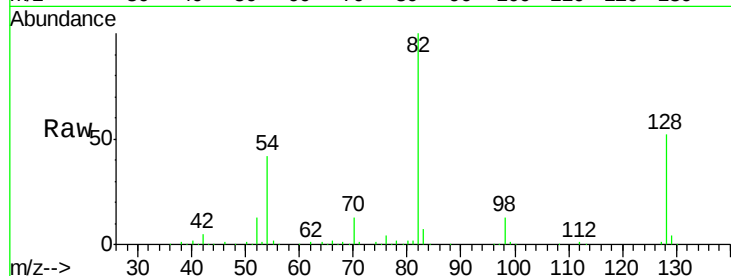




#23
 Nitrobenzene-d5
 Concen: 105.38 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

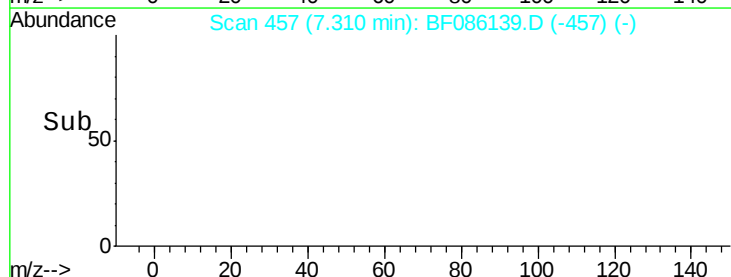
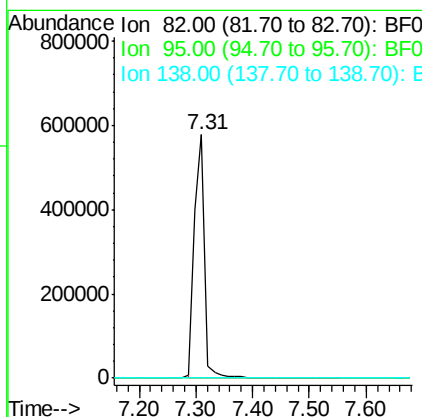
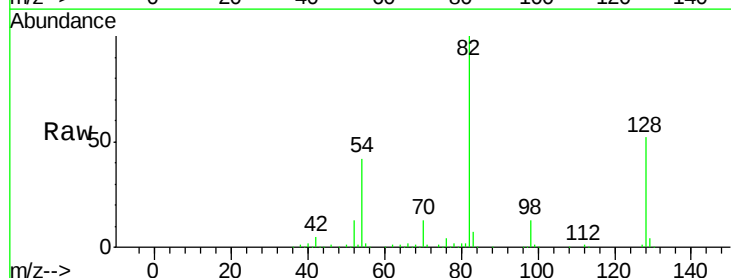
Instrument :
 BNA_F
 ClientSampleId :
 MW-8-040116

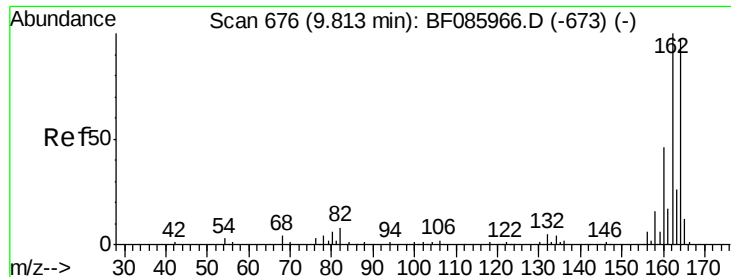
Tgt Ion: 82 Resp: 724376
 Ion Ratio Lower Upper
 82 100
 128 52.3 41.8 62.8
 54 41.6 33.4 50.0



#25
 Isophorone
 Concen: 53.03 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.30 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

Tgt Ion: 82 Resp: 719589
 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: BF086139.D

Acq: 7 Apr 2016 19:36

Instrument :

BNA_F

ClientSampleId :

MW-8-040116

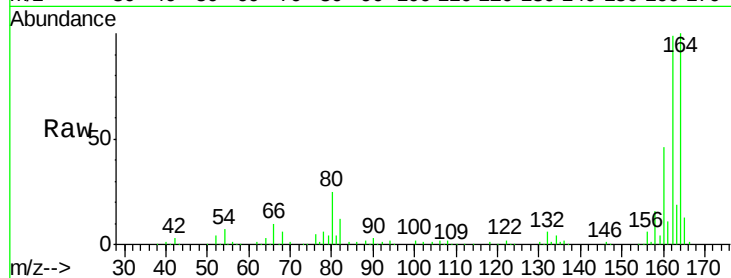
Tgt Ion:164 Resp: 183036

Ion Ratio Lower Upper

164 100

162 99.2 82.1 123.1

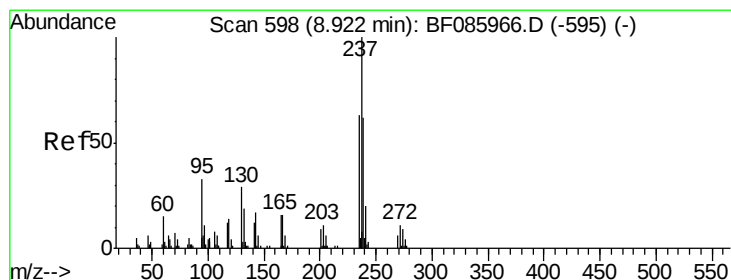
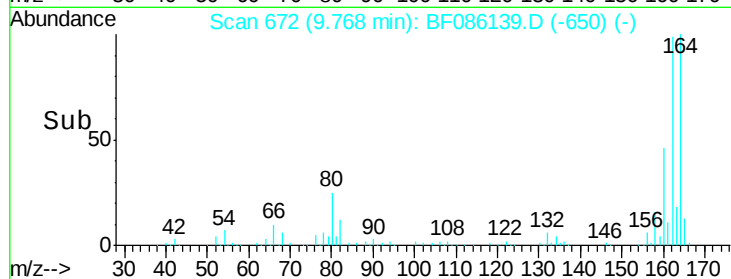
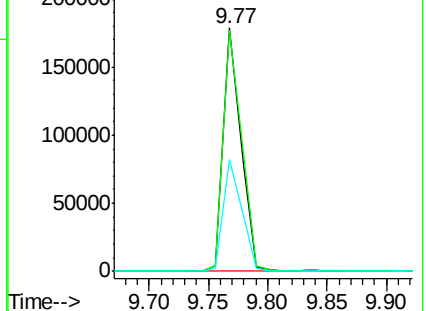
160 45.8 37.4 56.2



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



#40

Hexachlorocyclopentadiene

Concen: 5.93 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.16 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

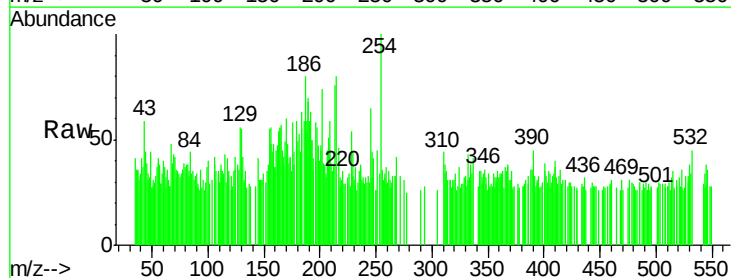
Tgt Ion:237 Resp: 798

Ion Ratio Lower Upper

237 100

235 52.0 43.7 83.7

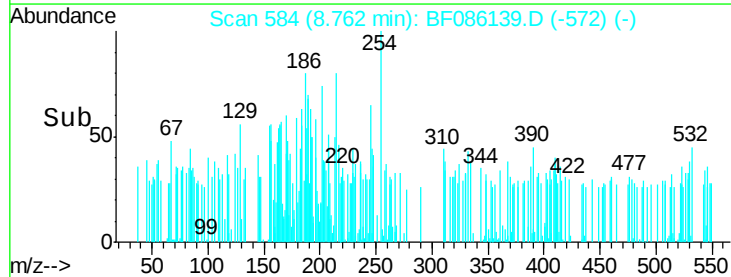
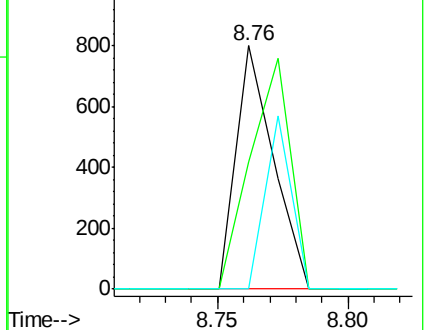
272 0.0 0.0 31.9

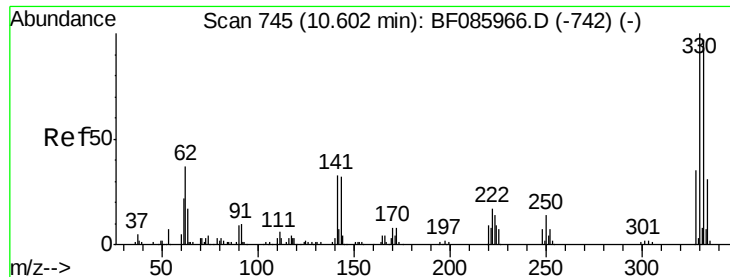


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

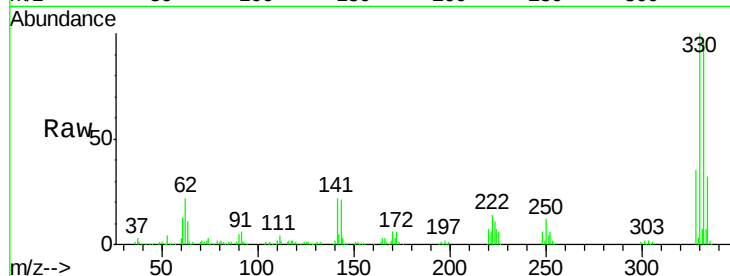




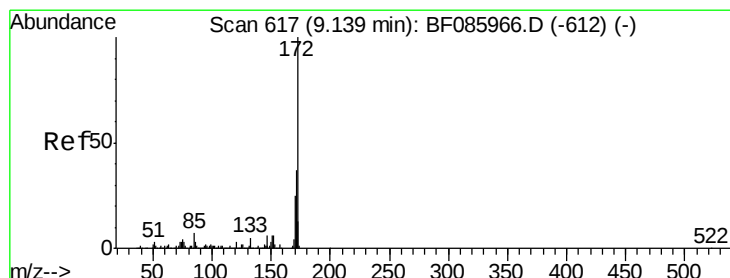
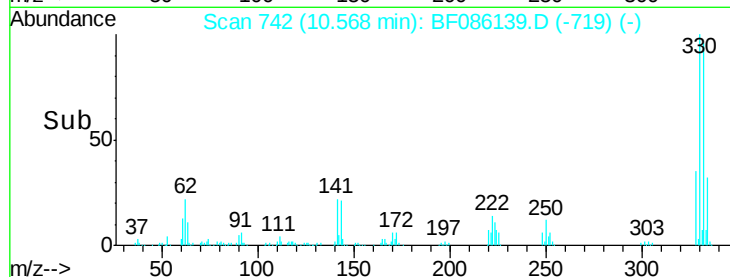
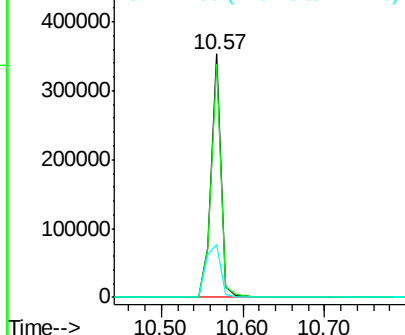
#41
 2,4,6-Tribromophenol
 Concen: 180.05 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

Instrument :
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 ClientSampleId :
 MW-8-040116

Tgt Ion:330 Resp: 309312
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.2 117.2
 141 32.5 31.5 47.3

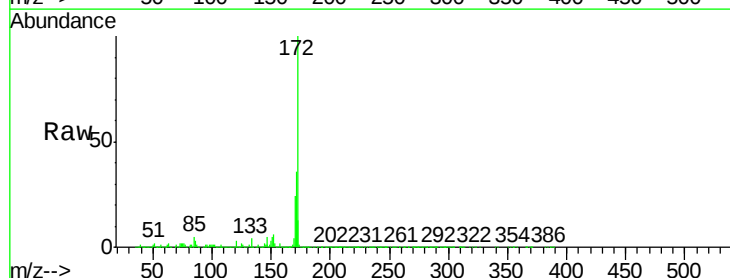


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

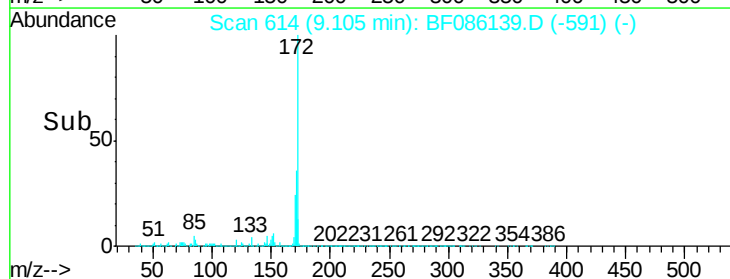
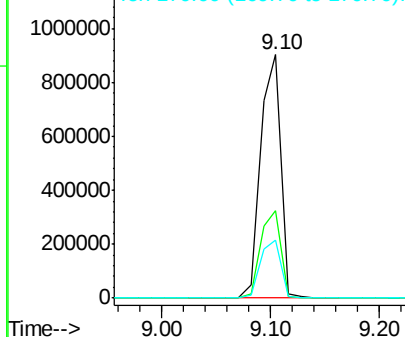


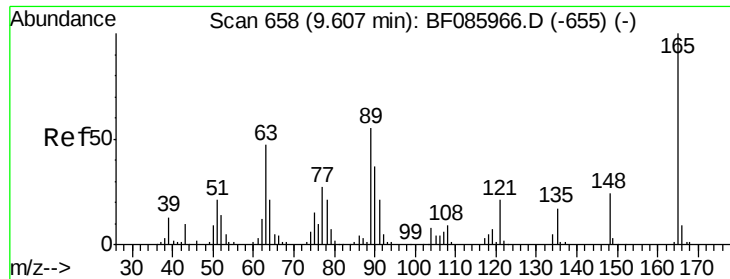
#44
 2-Fluorobiphenyl
 Concen: 106.75 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

Tgt Ion:172 Resp: 1175173
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.2
 170 23.9 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

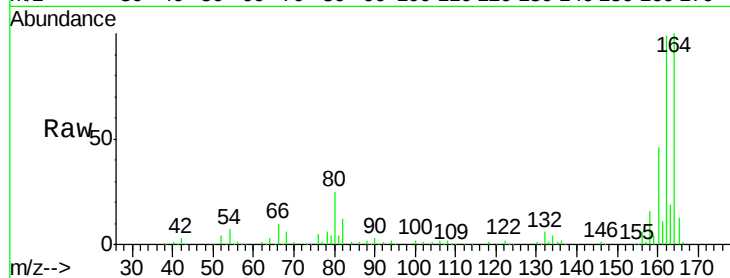




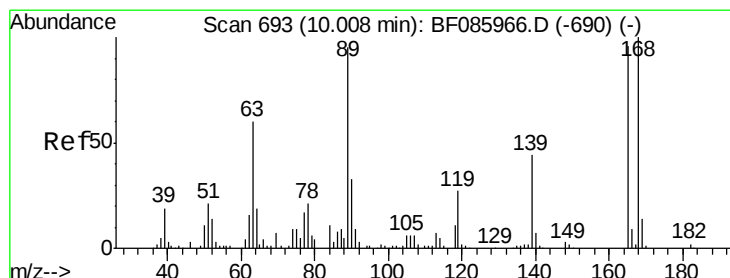
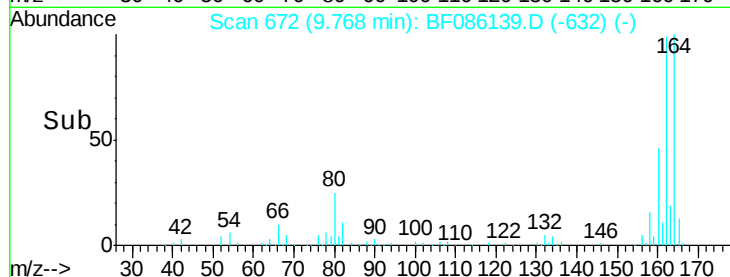
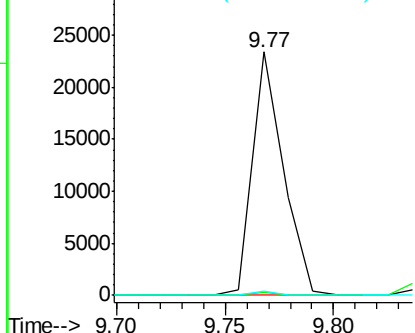
#50
 2,6-Dinitrotoluene
 Concen: 8.06 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-040116

Tgt Ion:165 Resp: 23142
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.8#
 89 1.9 53.7 80.5#

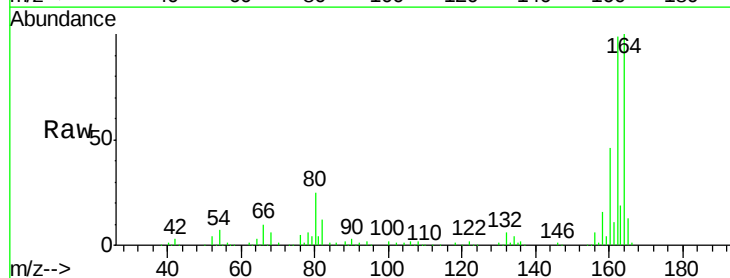


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

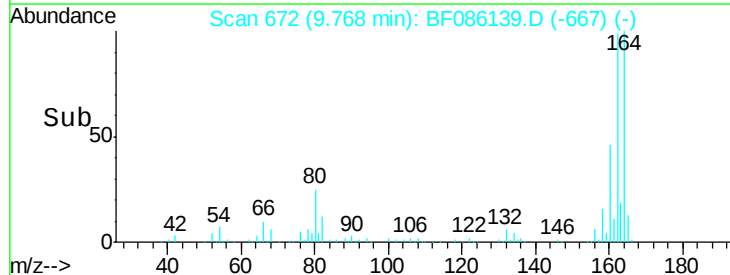
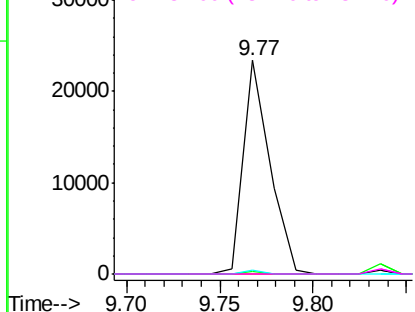


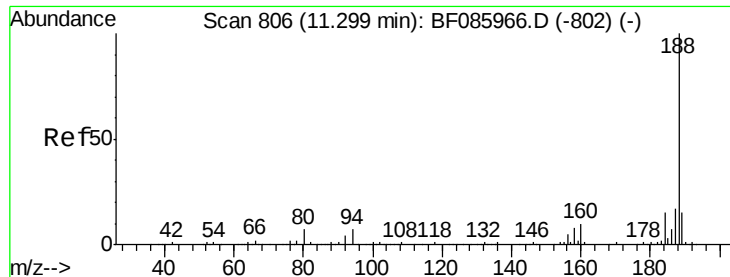
#56
 2,4-Dinitrotoluene
 Concen: 6.38 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

Tgt Ion:165 Resp: 23143
 Ion Ratio Lower Upper
 165 100
 63 1.4 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

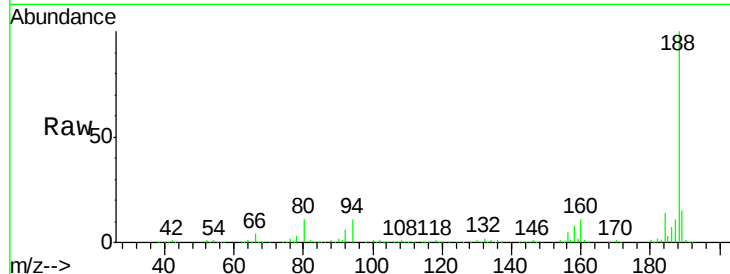




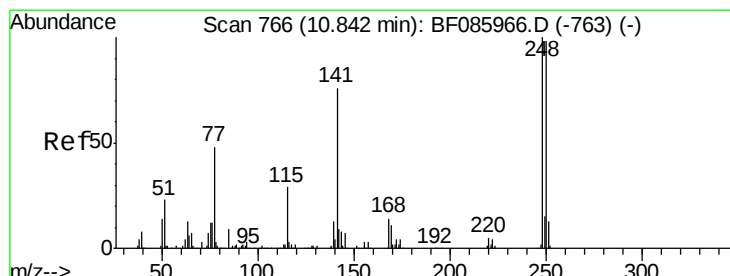
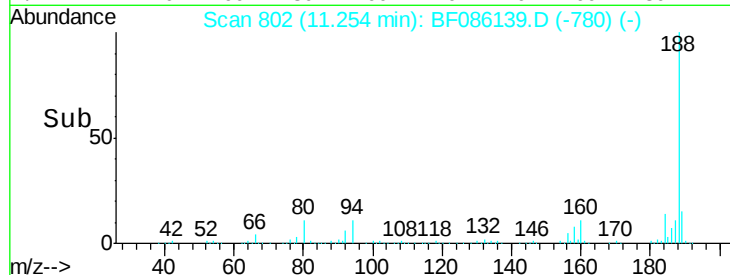
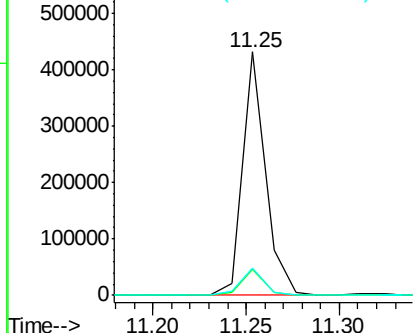
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.05 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-040116

Tgt Ion:188 Resp: 371529
 Ion Ratio Lower Upper
 188 100
 94 10.7 5.4 8.0#
 80 11.3 5.5 8.3#

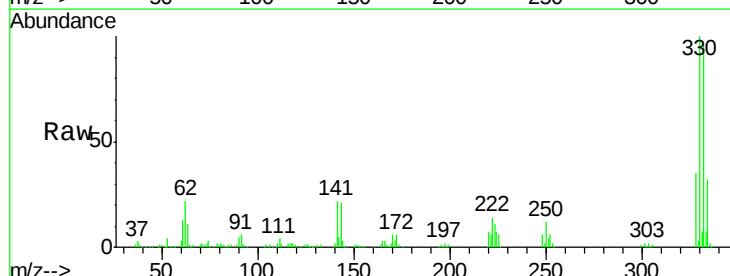


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

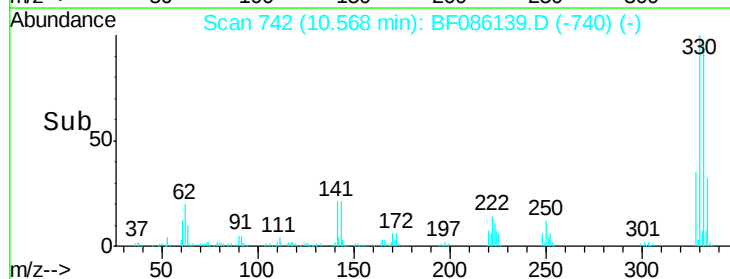
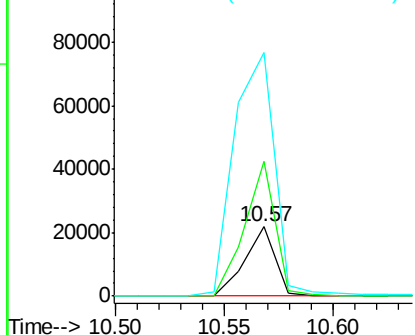


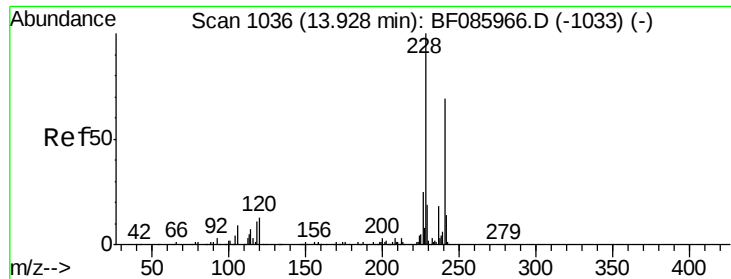
#66
 4-Bromophenyl-phenylether
 Concen: 5.54 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.27 min
 Lab File: BF086139.D
 Acq: 7 Apr 2016 19:36

Tgt Ion:248 Resp: 20995
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.4 116.0#
 141 350.4 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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

Instrument :

BNA_F

ClientSampleId :

MW-8-040116

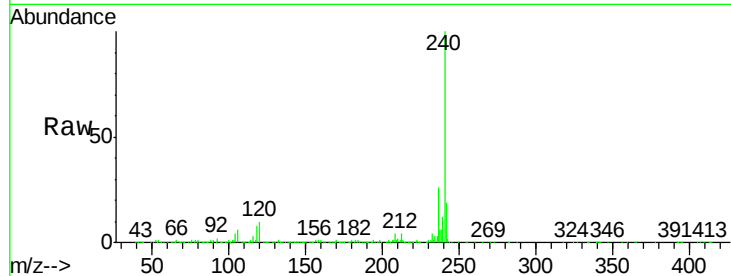
Tgt Ion:240 Resp: 280670

Ion Ratio Lower Upper

240 100

120 9.9 13.8 20.8#

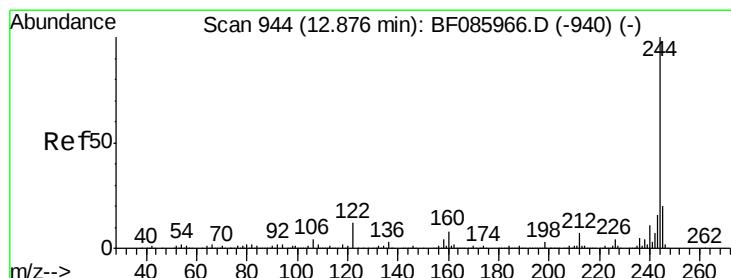
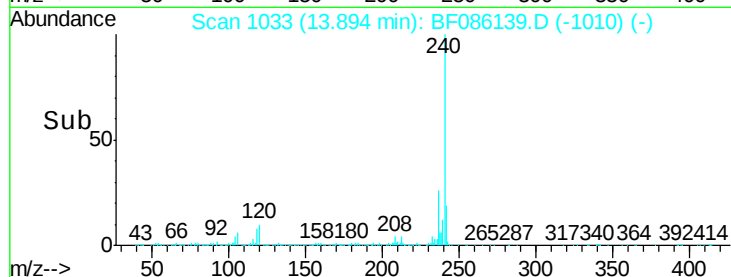
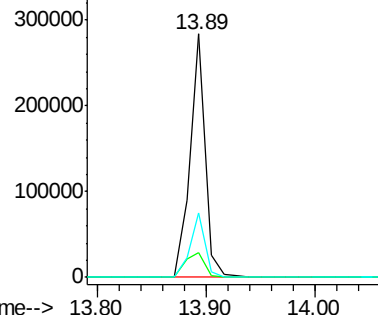
236 26.3 20.6 30.8



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: 90.85 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086139.D

Acq: 7 Apr 2016 19:36

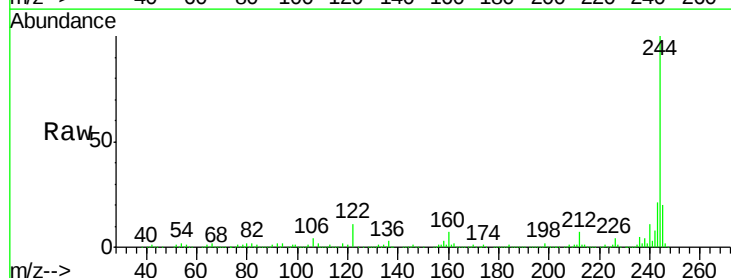
Tgt Ion:244 Resp: 1084803

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

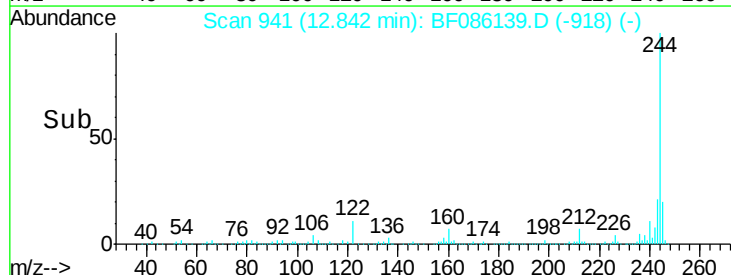
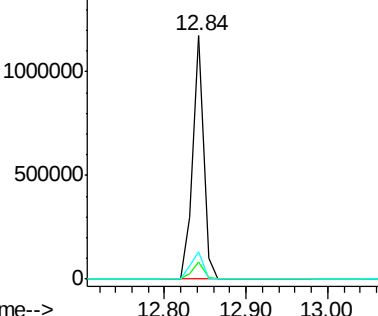
122 11.0 10.2 15.4

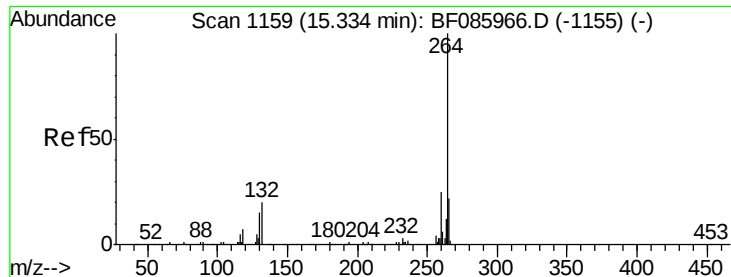


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

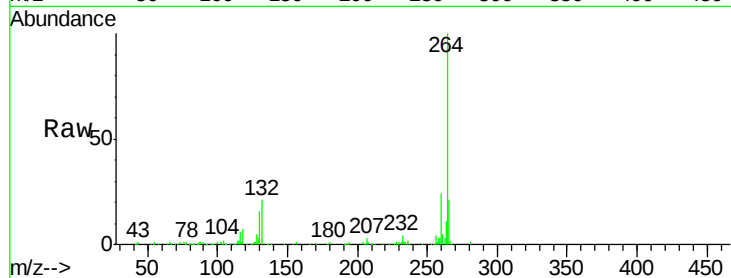




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086139.D
Acq: 7 Apr 2016 19:36

Instrument :
BNA_F
ClientSampleId :
MW-8-040116

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.4	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

