

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086793.D
 Acq On : 8 May 2016 00:26
 Operator : UM/SJ
 Sample : H2882-05
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR4-9

Quant Time: May 08 04:07:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

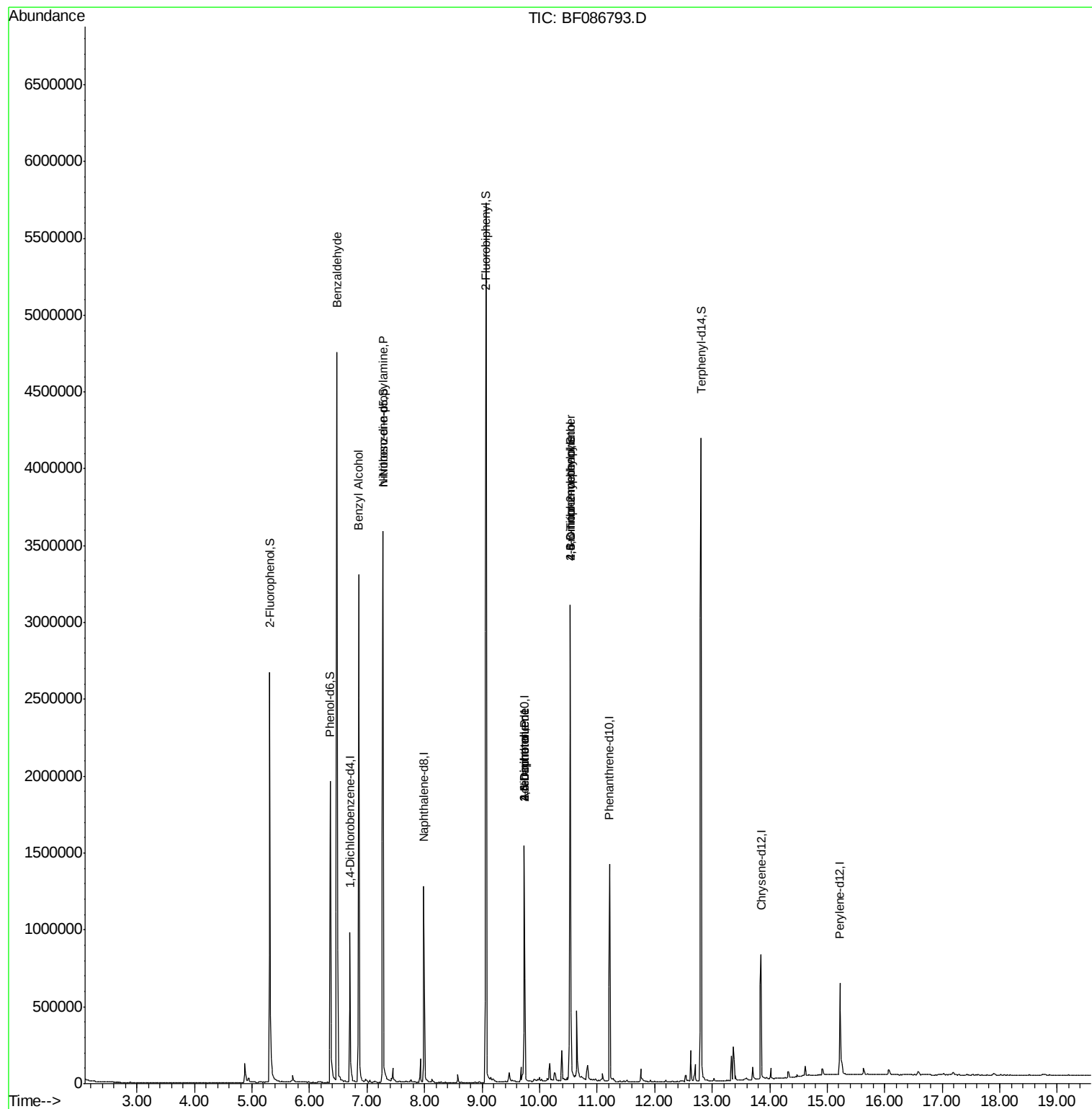
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166203	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	673607	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	314471	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	584895	40.00	ng	0.00
75) Chrysene-d12	13.85	240	386957	40.00	ng	0.00
86) Perylene-d12	15.22	264	309280	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	740591	73.77	ng	0.01
7) Phenol-d6	6.36	99	635146	46.97	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1228633	93.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	493125	160.30	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2021078	105.35	ng	0.00
78) Terphenyl-d14	12.81	244	1663789	86.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	33384	4.95	ng	# 72
15) Benzyl Alcohol	6.85	79	20280	2.32	ng	# 44
19) n-Nitroso-di-n-propylamine	7.28	70	178204	19.29	ng	# 73
50) 2,6-Dinitrotoluene	9.73	165	39819	7.91	ng	# 21
55) 4-Nitrophenol	9.73	139	7902	2.37	ng	# 57
56) 2,4-Dinitrotoluene	9.73	165	39821	6.39	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	1375	5.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	30156	5.19	ng	# 1

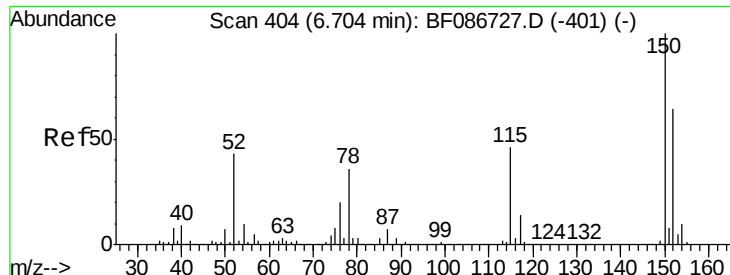
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086793.D

Acq: 8 May 2016 00:26

Instrument :

BNA_F

ClientSampleId :

MWHR4-9

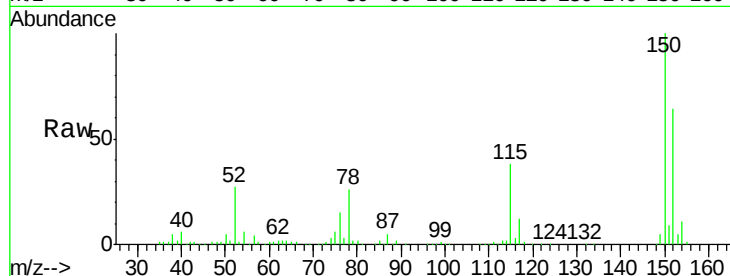
Tgt Ion:152 Resp: 166203

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.6

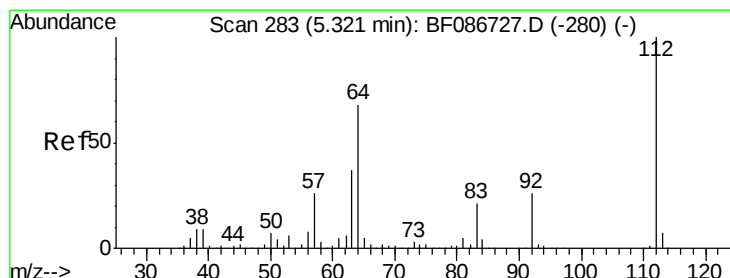
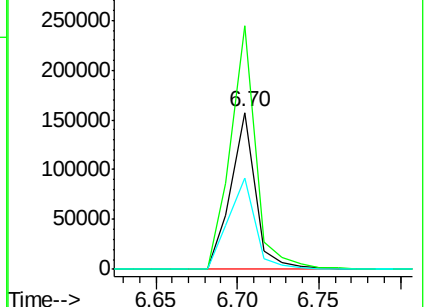
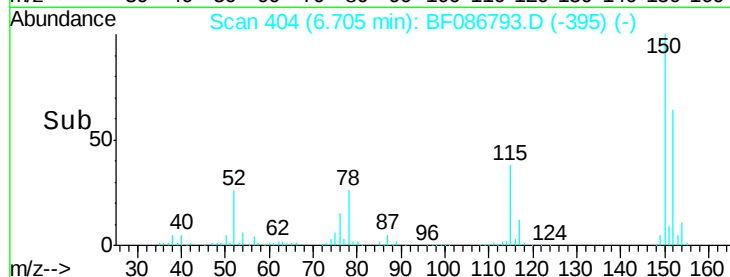
115 58.4 51.5 77.3



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: 73.77 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF086793.D

Acq: 8 May 2016 00:26

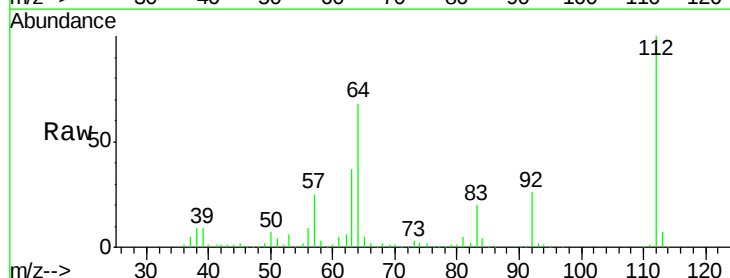
Tgt Ion:112 Resp: 740591

Ion Ratio Lower Upper

112 100

64 68.2 52.1 78.1

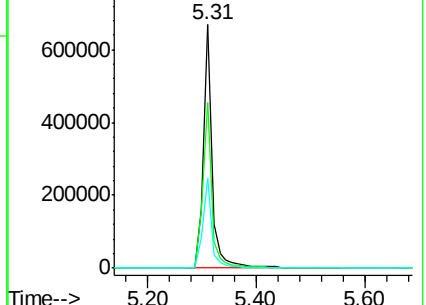
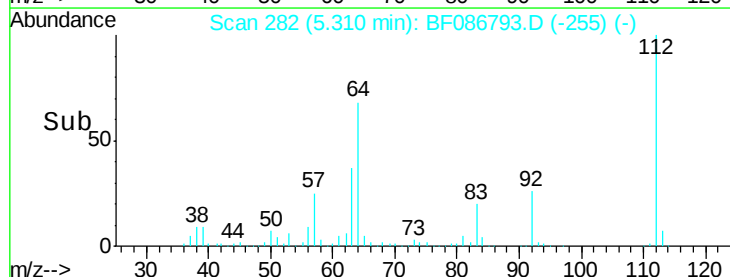
63 37.0 25.7 38.5

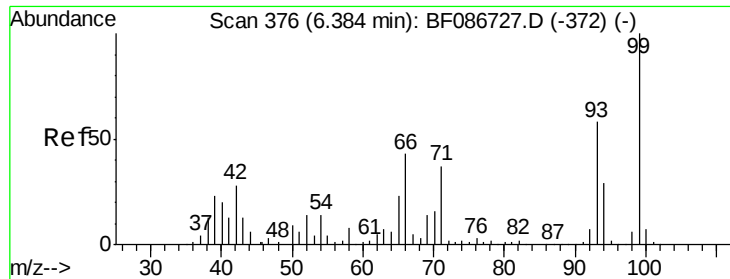


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.97 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086793.D

Acq: 8 May 2016 00:26

Instrument :

BNA_F

ClientSampleId :

MWHR4-9

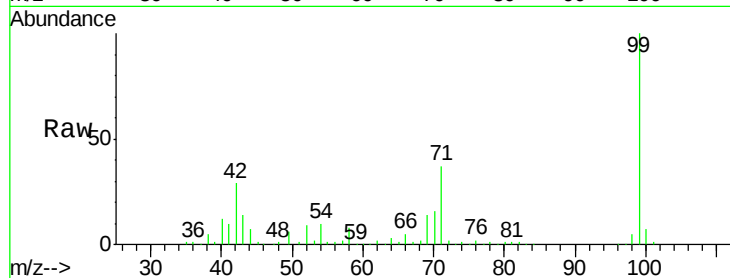
Tgt Ion: 99 Resp: 635146

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

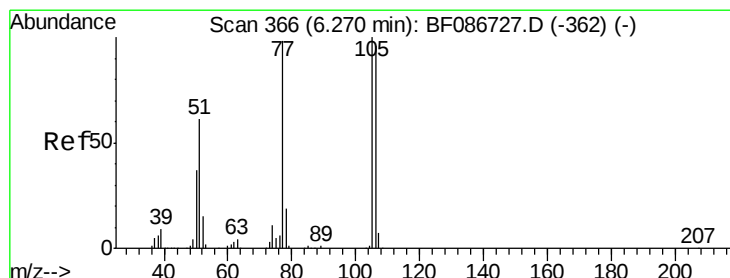
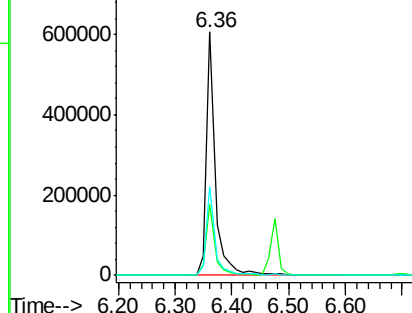
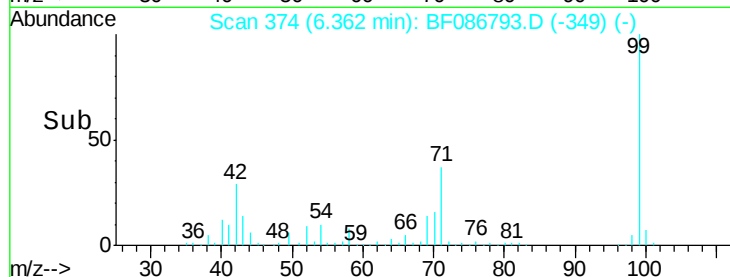
71 36.6 24.6 36.8



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



#9

Benzaldehyde

Concen: 4.95 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF086793.D

Acq: 8 May 2016 00:26

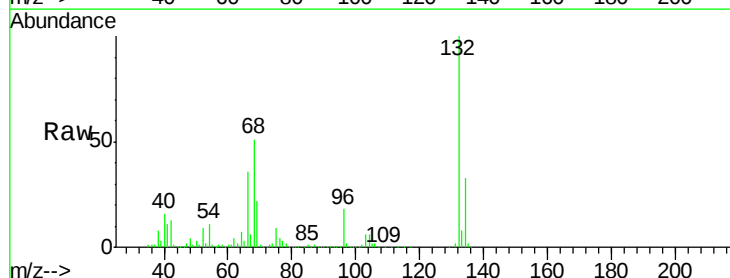
Tgt Ion: 77 Resp: 33384

Ion Ratio Lower Upper

77 100

105 69.5 72.7 112.7#

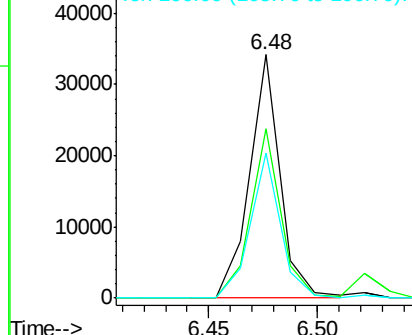
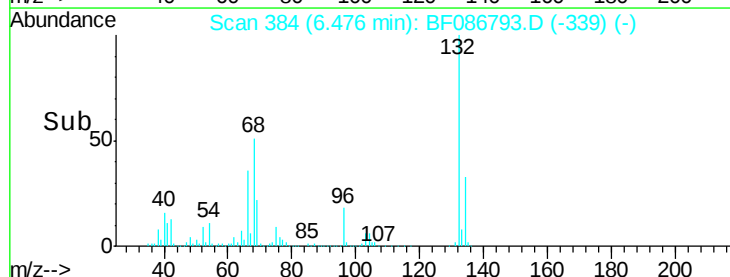
106 59.8 70.8 110.8#

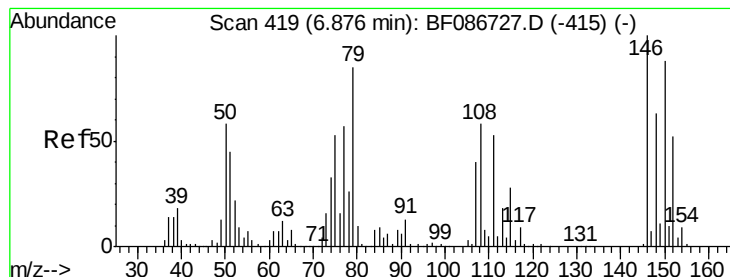


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.32 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086793.D

Acq: 8 May 2016 00:26

Instrument :

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ClientSampleId :

MWHR4-9

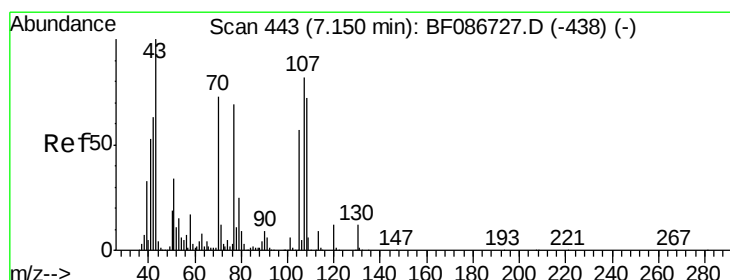
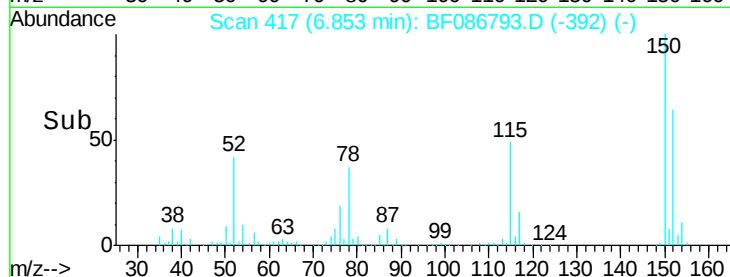
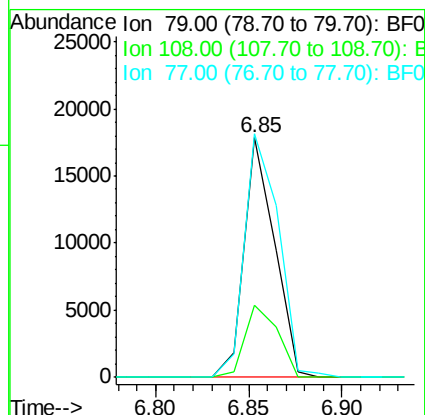
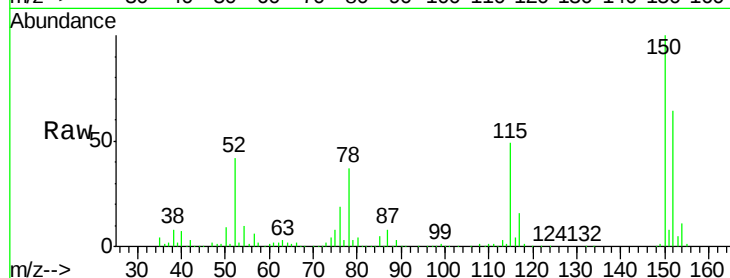
Tgt Ion: 79 Resp: 20280

Ion Ratio Lower Upper

79 100

108 30.3 68.4 102.6#

77 101.6 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 19.29 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF086793.D

Acq: 8 May 2016 00:26

Tgt Ion: 70 Resp: 178204

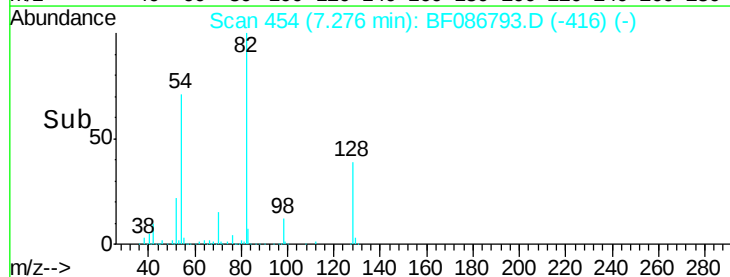
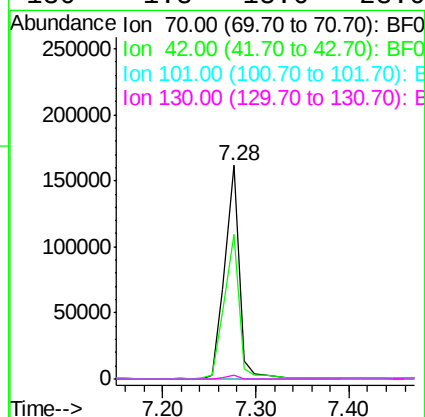
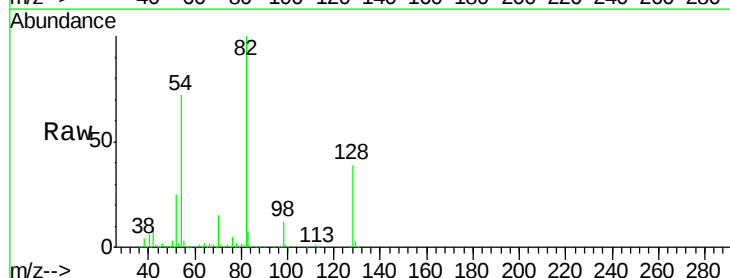
Ion Ratio Lower Upper

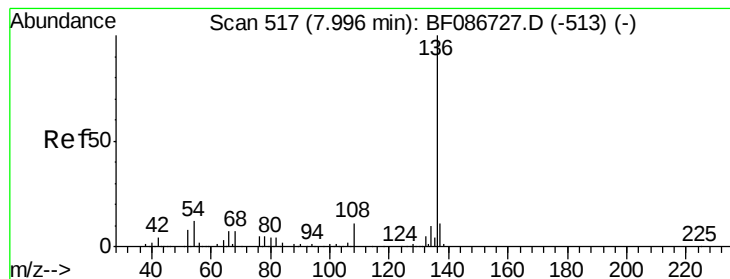
70 100

42 67.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF086793.D

Acq: 8 May 2016 00:26

Instrument :

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ClientSampleId :

MWHR4-9

Tgt Ion:136 Resp: 673607

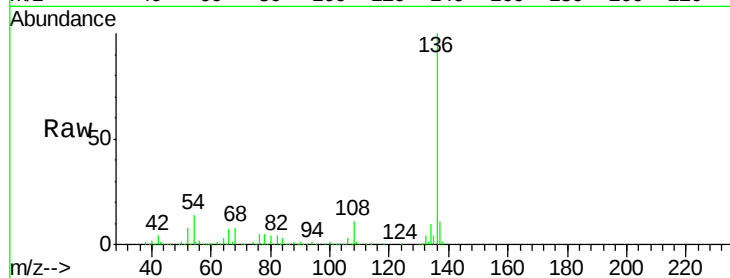
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.2 5.0 7.4#

68 7.6 4.4 6.6#

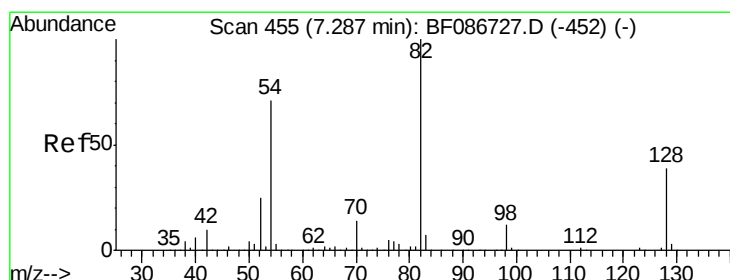
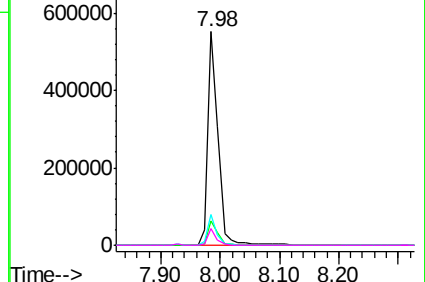
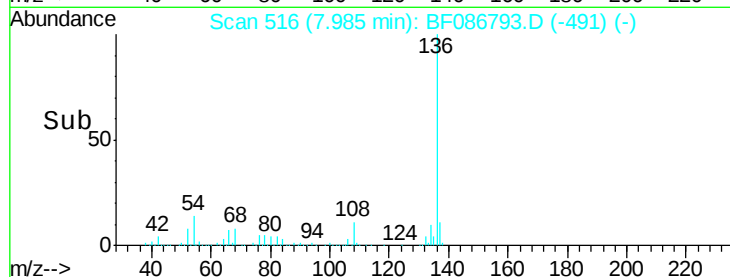


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 93.73 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086793.D

Acq: 8 May 2016 00:26

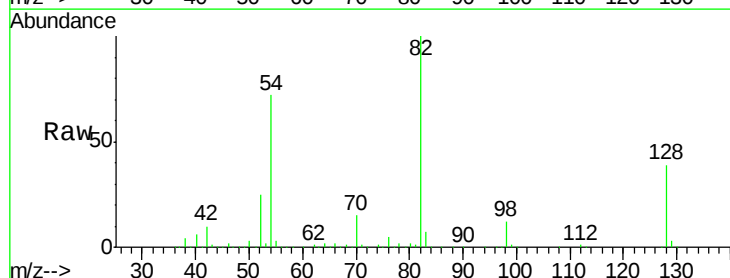
Tgt Ion: 82 Resp: 1228633

Ion Ratio Lower Upper

82 100

128 39.4 40.6 61.0#

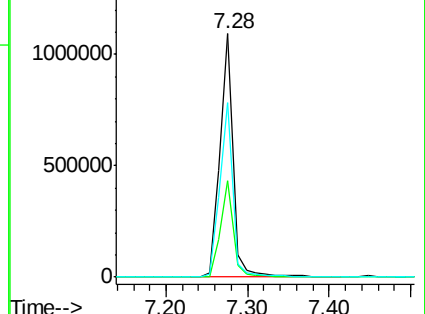
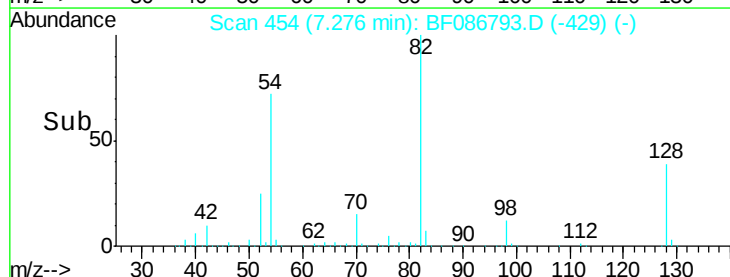
54 71.8 38.1 57.1#

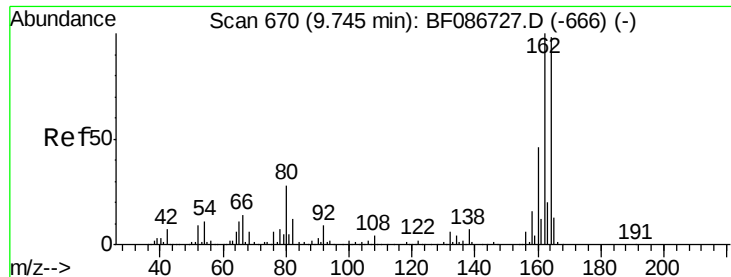


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF086793.D

Acq: 8 May 2016 00:26

Instrument :

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ClientSampleId :

MWHR4-9

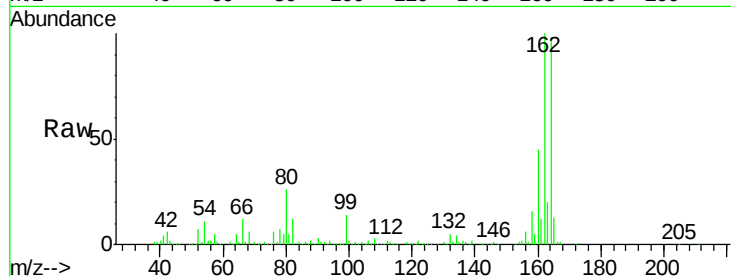
Tgt Ion:164 Resp: 314471

Ion Ratio Lower Upper

164 100

162 101.5 82.8 124.2

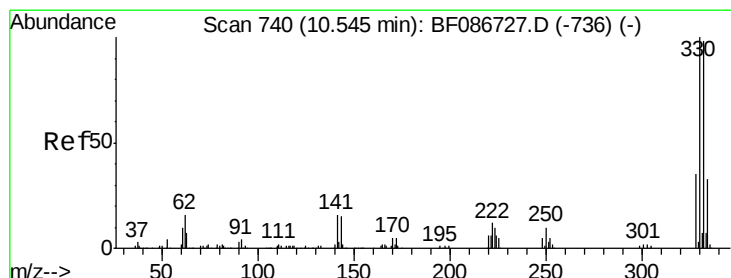
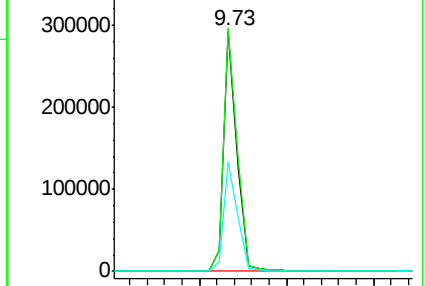
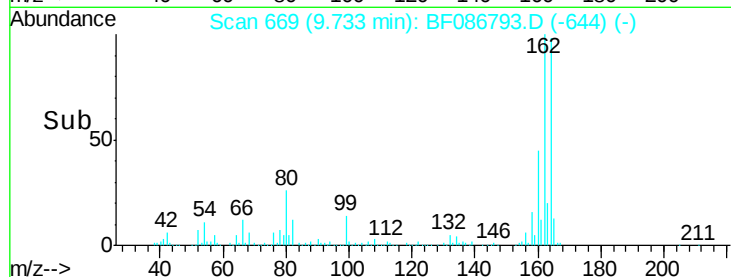
160 45.6 36.9 55.3



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: 160.30 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF086793.D

Acq: 8 May 2016 00:26

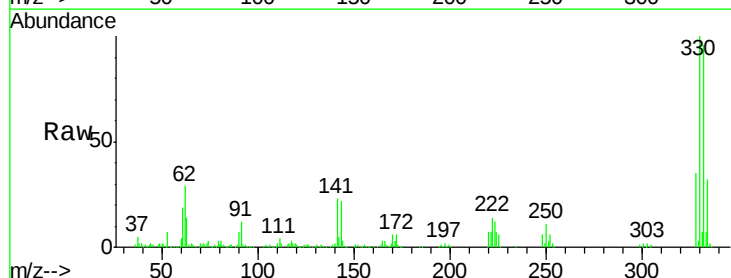
Tgt Ion:330 Resp: 493125

Ion Ratio Lower Upper

330 100

332 96.0 79.0 118.4

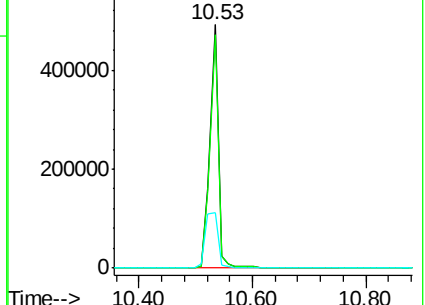
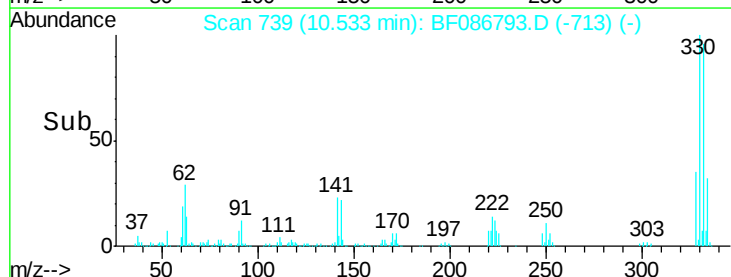
141 34.4 31.2 46.8

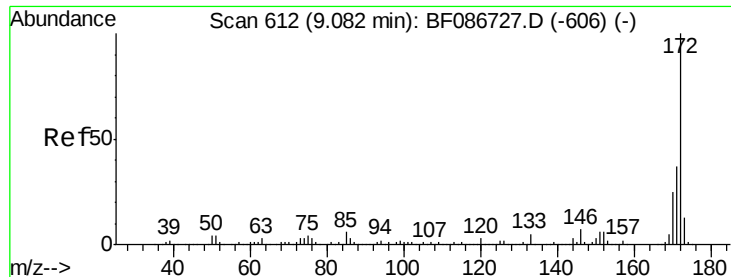


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

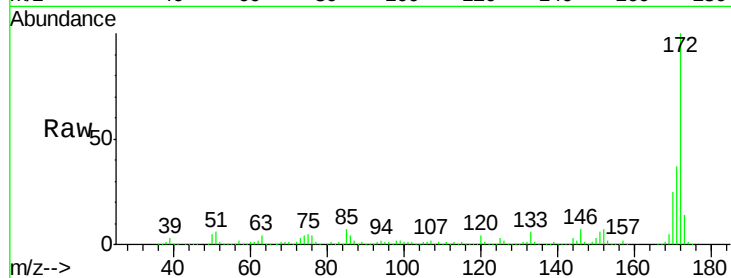




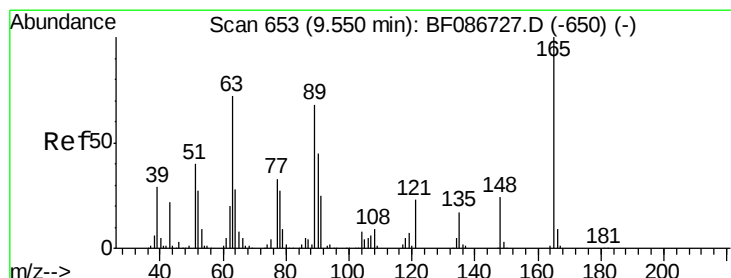
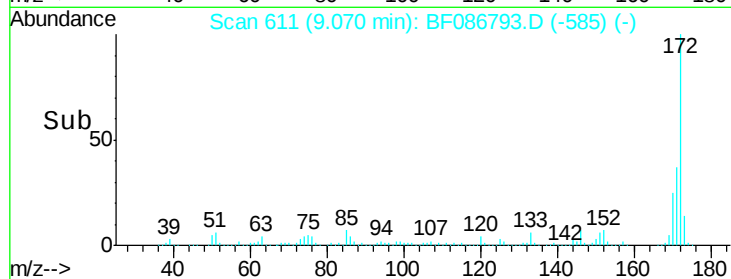
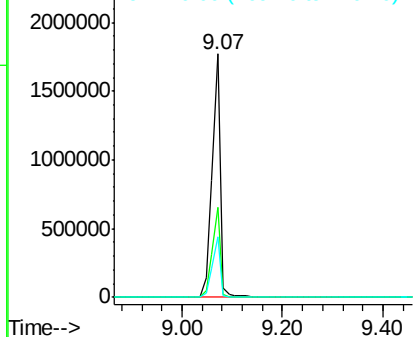
#44
 2-Fluorobiphenyl
 Concen: 105.35 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF086793.D
 Acq: 8 May 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 MWHR4-9

Tgt Ion:172 Resp: 2021078
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 25.1 19.8 29.8

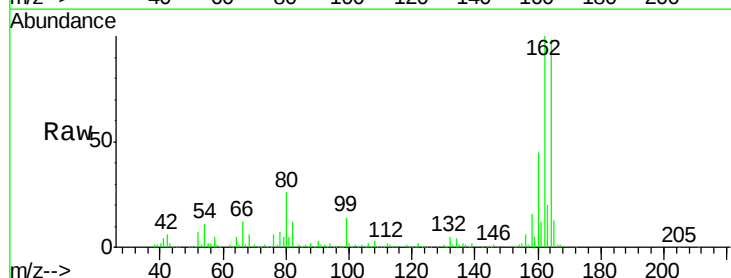


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

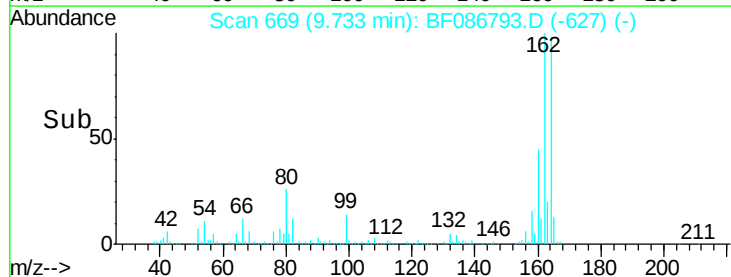
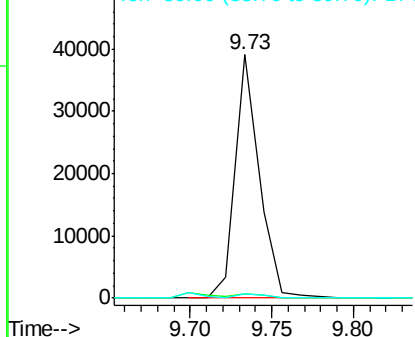


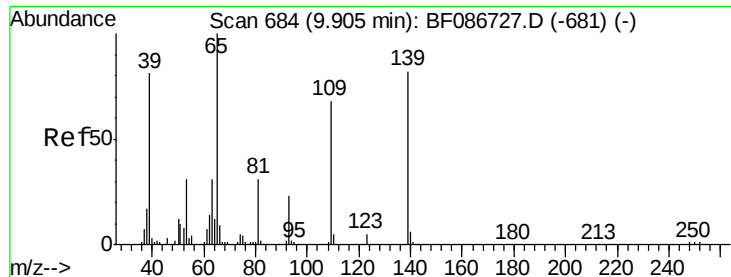
#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF086793.D
 Acq: 8 May 2016 00:26

Tgt Ion:165 Resp: 39819
 Ion Ratio Lower Upper
 165 100
 63 1.9 51.8 77.8#
 89 1.9 50.7 76.1#



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

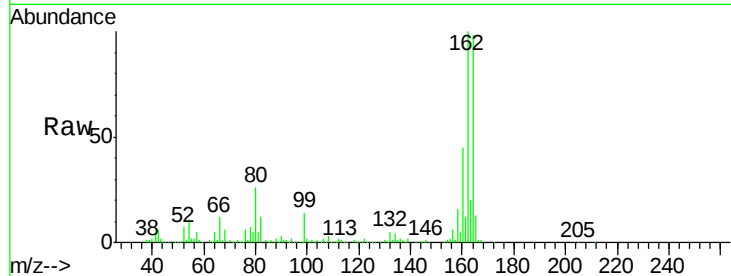




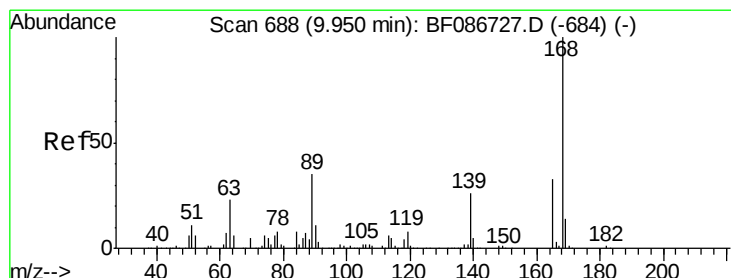
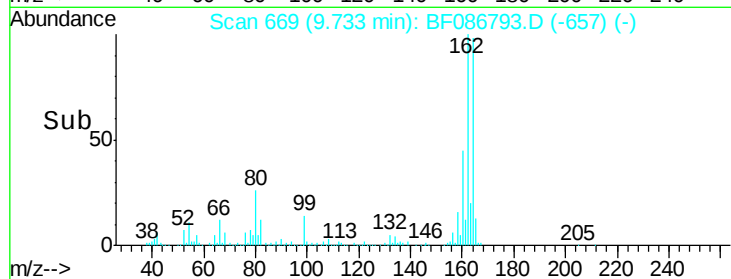
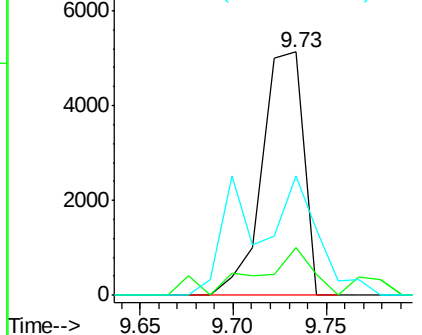
#55
 4-Nitrophenol
 Concen: 2.37 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.16 min
 Lab File: BF086793.D
 Acq: 8 May 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 MWHR4-9

Tgt Ion:139 Resp: 7902
 Ion Ratio Lower Upper
 139 100
 109 19.8 36.9 76.9#
 65 49.1 64.0 104.0#

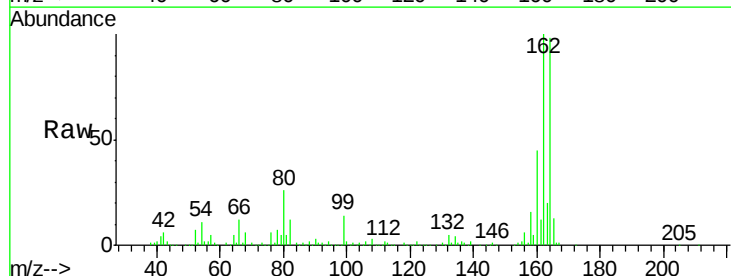


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

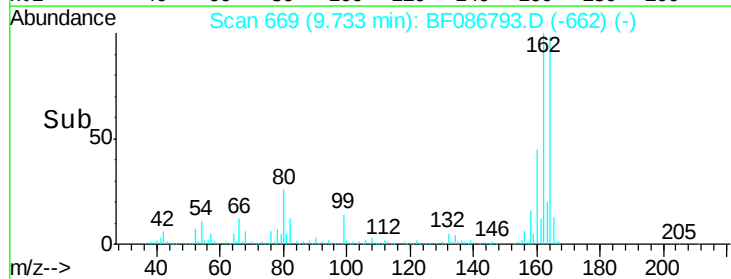
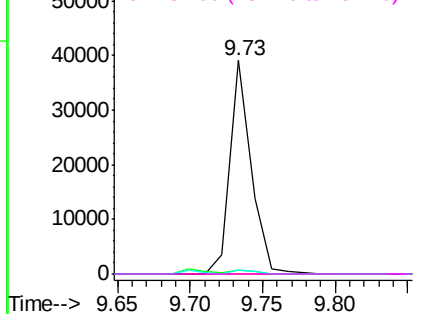


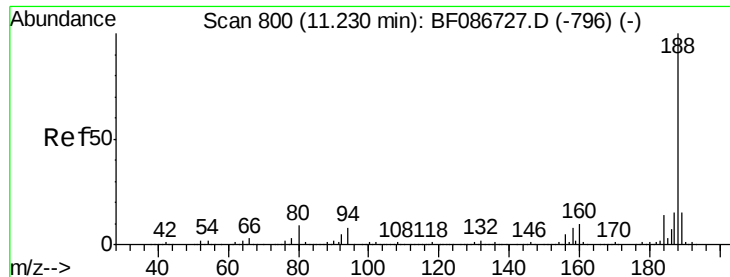
#56
 2,4-Dinitrotoluene
 Concen: 6.39 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF086793.D
 Acq: 8 May 2016 00:26

Tgt Ion:165 Resp: 39821
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.3 66.5#
 89 1.9 70.0 105.0#
 182 0.0 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

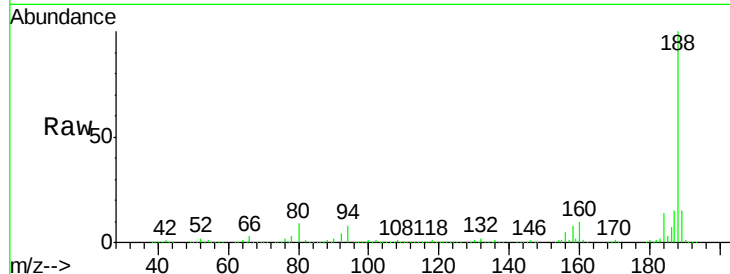




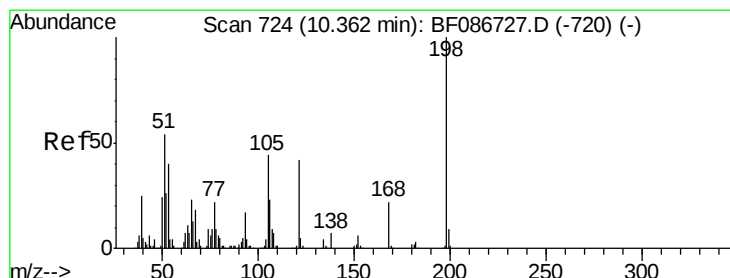
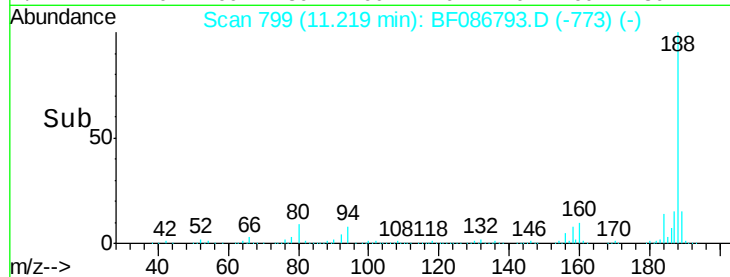
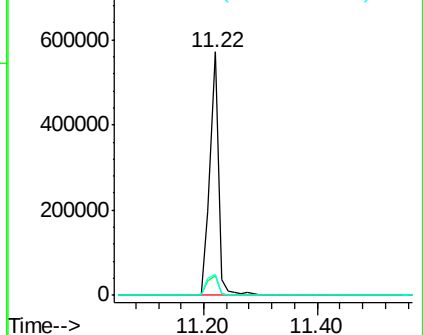
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF086793.D
 Acq: 8 May 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 MWHR4-9

Tgt Ion:188 Resp: 584895
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.8 10.2
 80 8.5 7.1 10.7

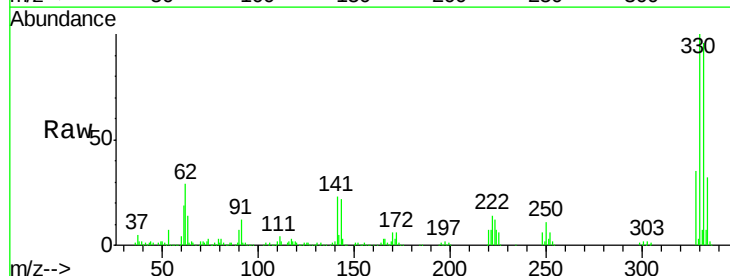


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

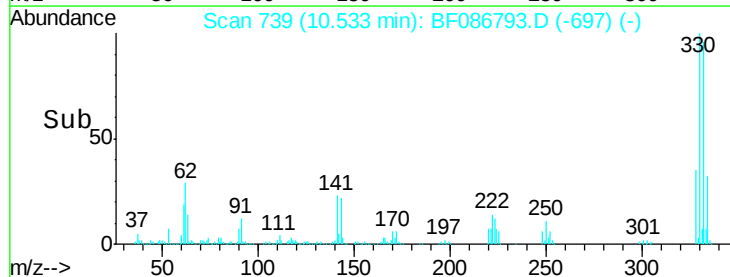
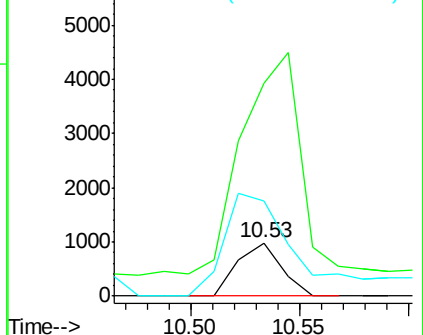


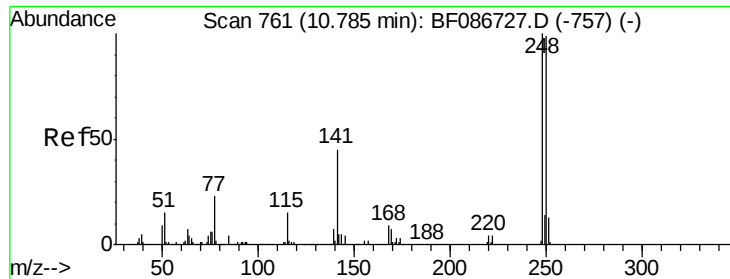
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.74 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.18 min
 Lab File: BF086793.D
 Acq: 8 May 2016 00:26

Tgt Ion:198 Resp: 1375
 Ion Ratio Lower Upper
 198 100
 51 399.6 20.5 60.5#
 105 177.3 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

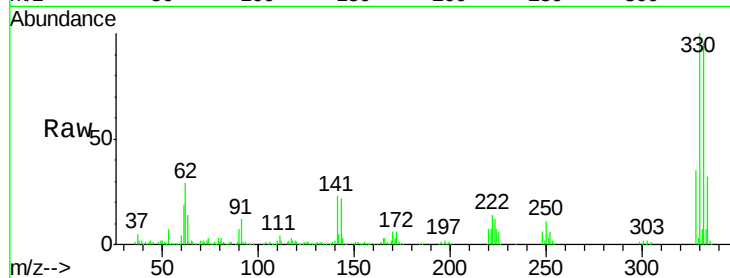




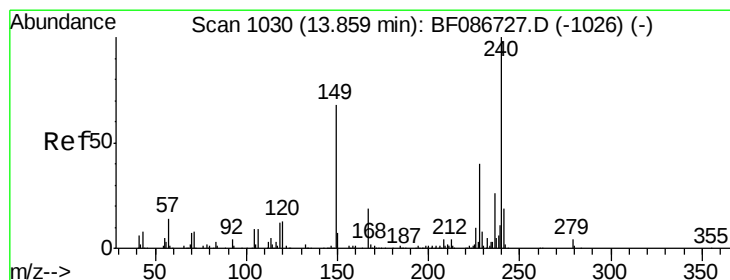
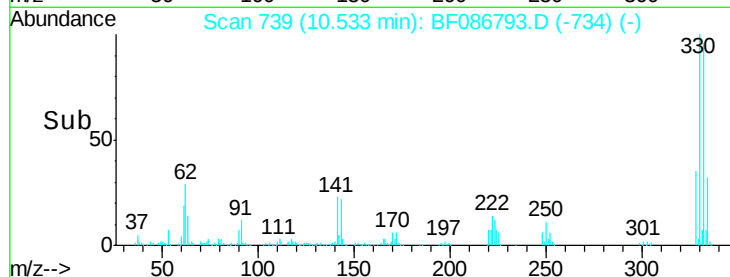
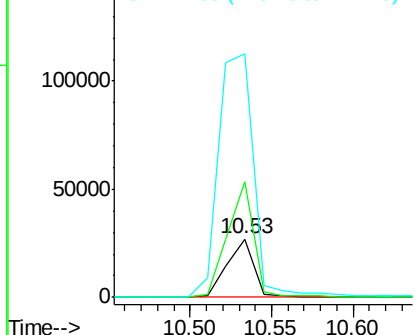
#66
4-Bromophenyl-phenylether
Concen: 5.19 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.24 min
Lab File: BF086793.D
Acq: 8 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
MWH4-9

Tgt Ion:248 Resp: 30156
Ion Ratio Lower Upper
248 100
250 198.4 78.6 117.8#
141 416.0 76.0 114.0#

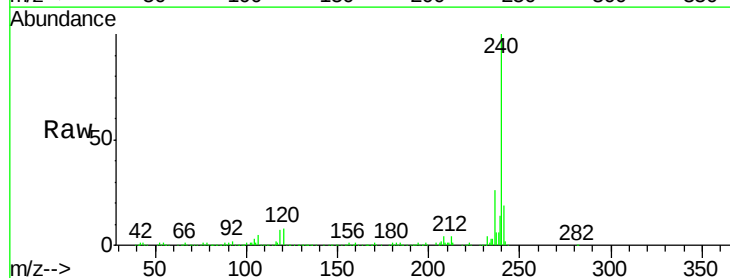


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

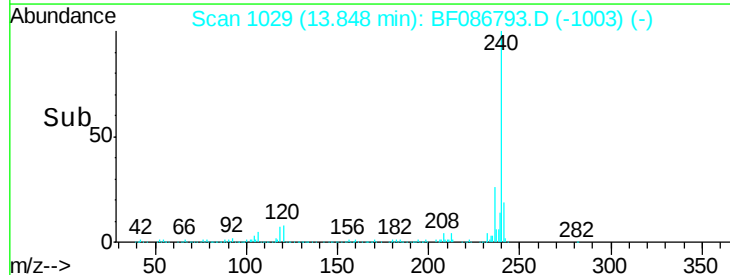
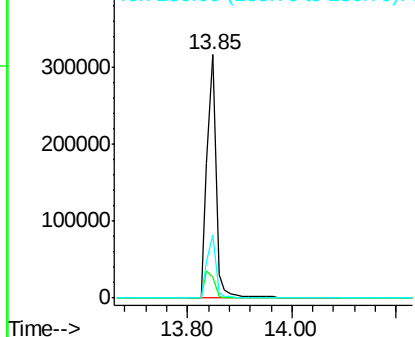


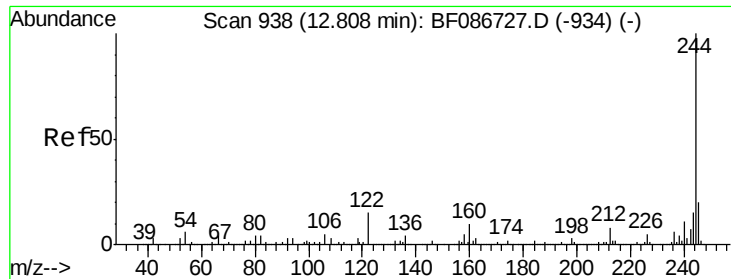
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF086793.D
Acq: 8 May 2016 00:26

Tgt Ion:240 Resp: 386957
Ion Ratio Lower Upper
240 100
120 8.4 11.2 16.8#
236 25.7 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

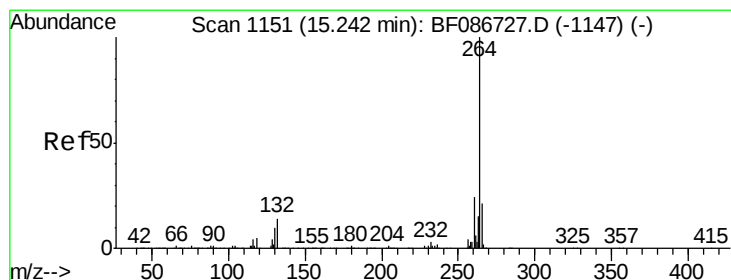
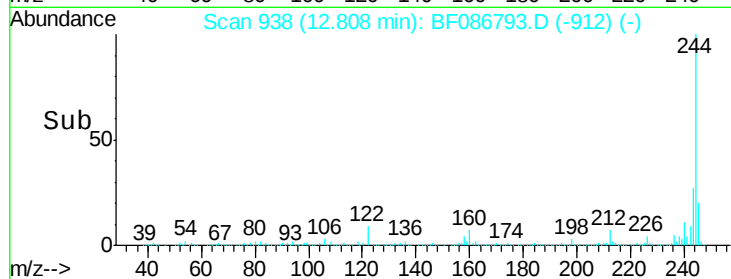
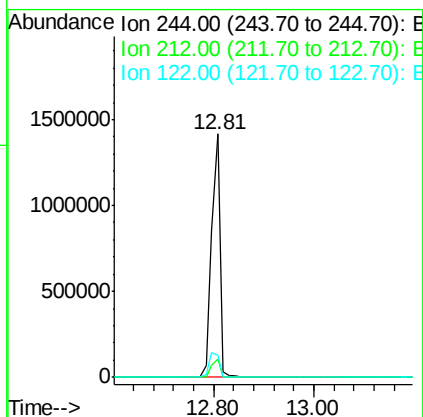
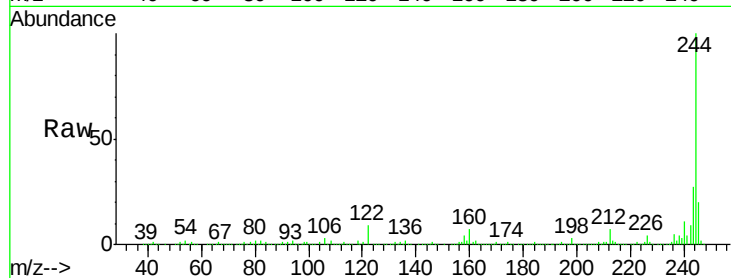




#78
 Terphenyl-d14
 Concen: 86.90 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF086793.D
 Acq: 8 May 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 MWHR4-9

Tgt Ion:244 Resp: 1663789
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.9 12.0 18.0#



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF086793.D
 Acq: 8 May 2016 00:26

Tgt Ion:264 Resp: 309280
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.6 17.3 25.9

