

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086794.D
 Acq On : 8 May 2016 00:55
 Operator : UM/SJ
 Sample : H2882-06
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-8

Quant Time: May 08 04:10:32 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

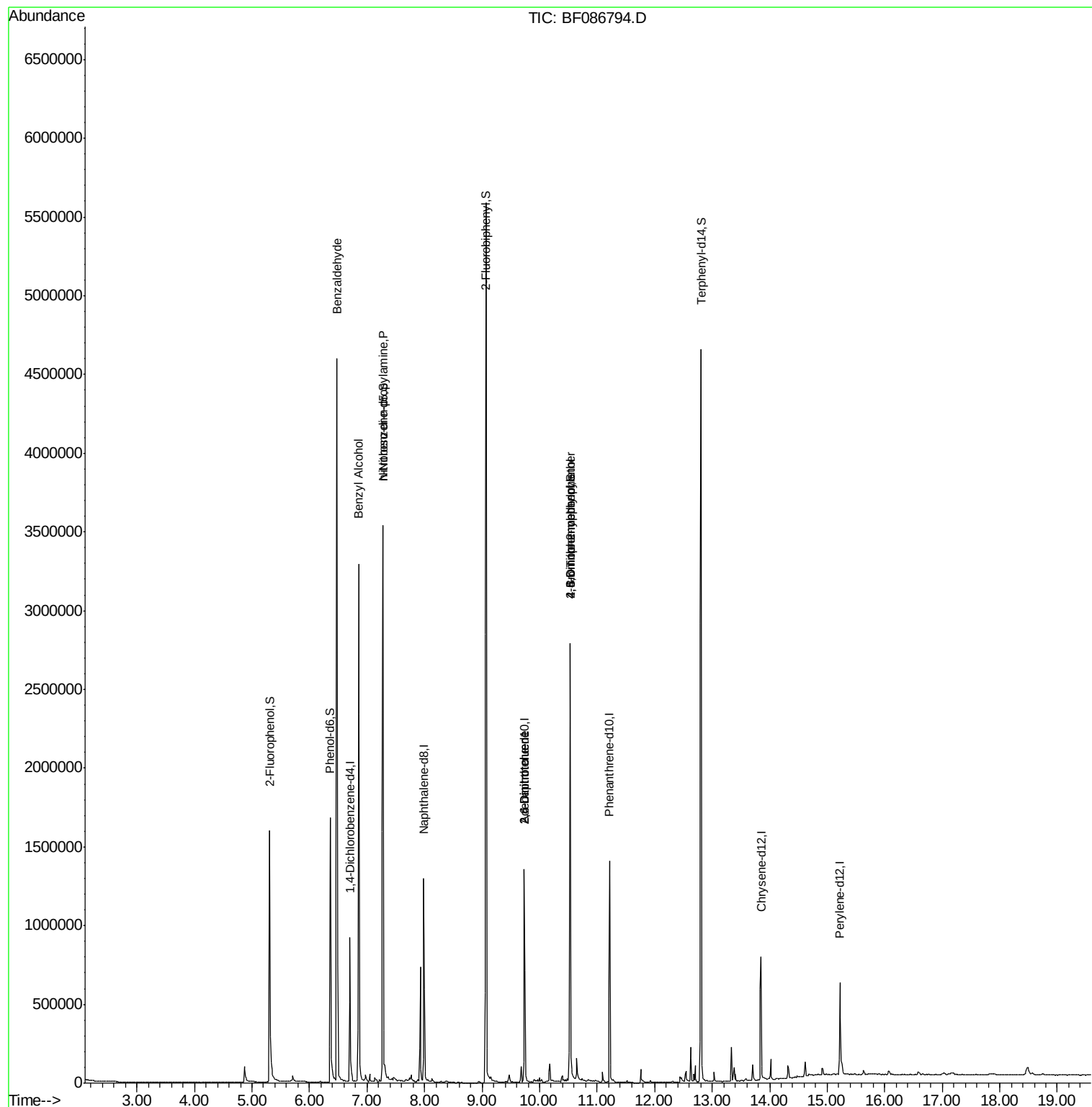
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	163177	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	670544	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	313182	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	576271	40.00	ng	0.00
75) Chrysene-d12	13.85	240	371049	40.00	ng	0.00
86) Perylene-d12	15.22	264	292537	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	664652	67.43	ng	0.01
7) Phenol-d6	6.36	99	557168	41.96	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1243490	95.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	484005	157.98	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1999552	104.66	ng	0.00
78) Terphenyl-d14	12.81	244	1733484	94.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	31013	4.68	ng	# 74
15) Benzyl Alcohol	6.85	79	19873	2.31	ng	# 42
19) n-Nitroso-di-n-propylamine	7.28	70	181097	19.96	ng	# 72
50) 2,6-Dinitrotoluene	9.73	165	39108	7.81	ng	# 21
56) 2,4-Dinitrotoluene	9.73	165	39102	6.30	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	1213	5.69	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	29437	5.14	ng	# 1

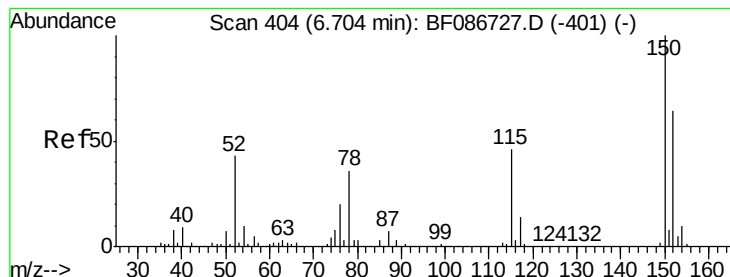
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086794.D

Acq: 8 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MWHR2-8

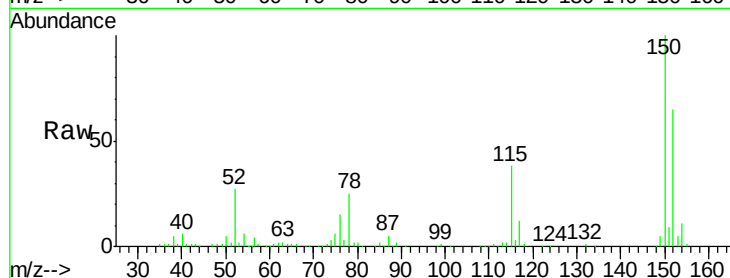
Tgt Ion:152 Resp: 163177

Ion Ratio Lower Upper

152 100

150 154.1 125.8 188.6

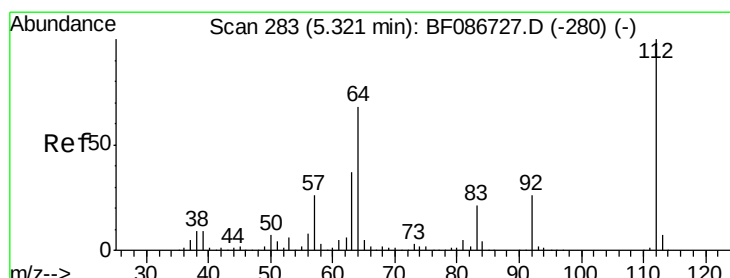
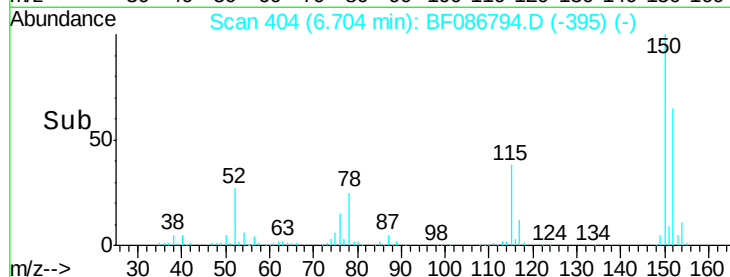
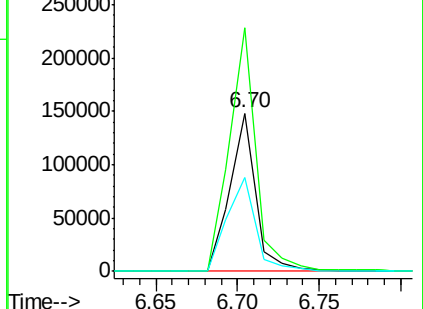
115 59.1 51.5 77.3



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: 67.43 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

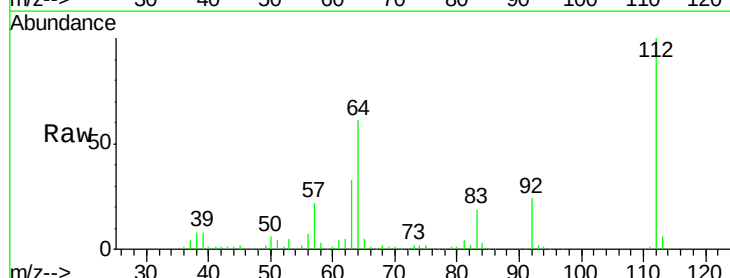
Tgt Ion:112 Resp: 664652

Ion Ratio Lower Upper

112 100

64 61.3 52.1 78.1

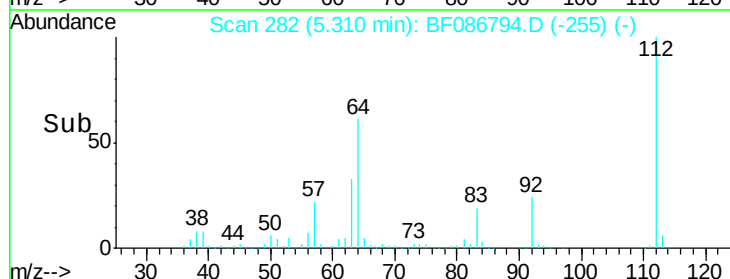
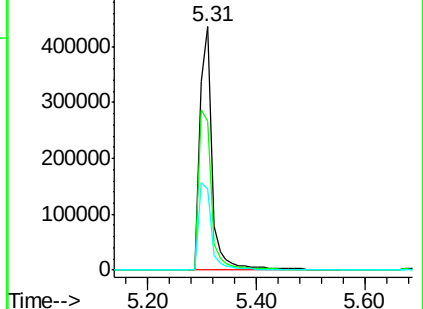
63 33.3 25.7 38.5

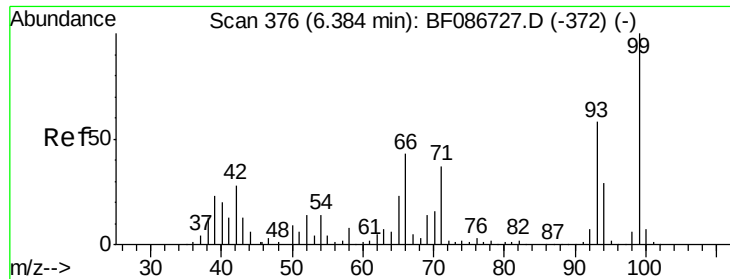


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.96 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MWHR2-8

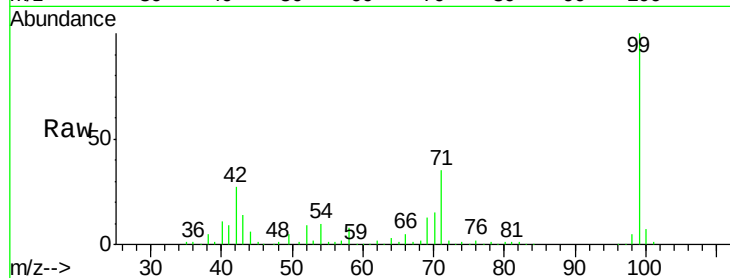
Tgt Ion: 99 Resp: 557168

Ion Ratio Lower Upper

99 100

42 27.2 13.6 20.4#

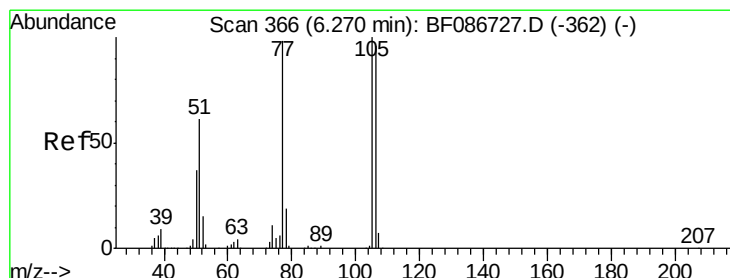
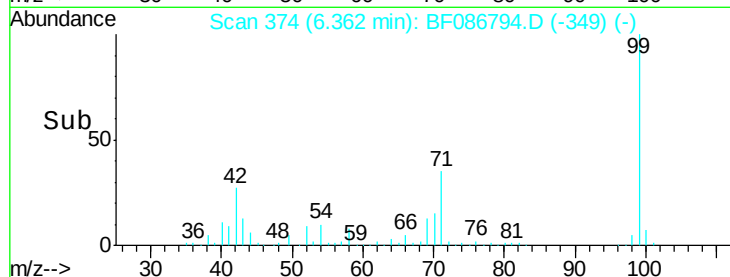
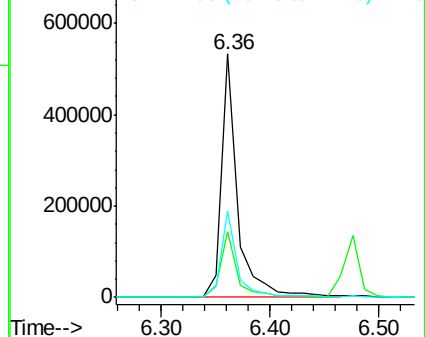
71 35.3 24.6 36.8



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: 4.68 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

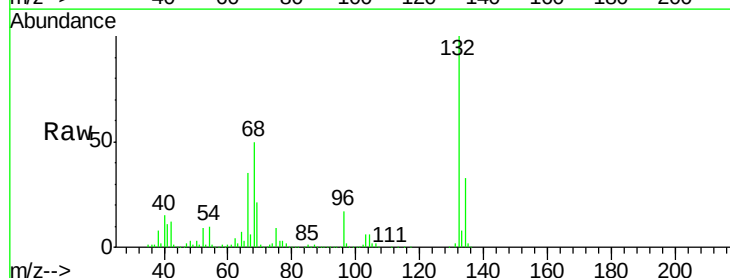
Tgt Ion: 77 Resp: 31013

Ion Ratio Lower Upper

77 100

105 72.5 72.7 112.7#

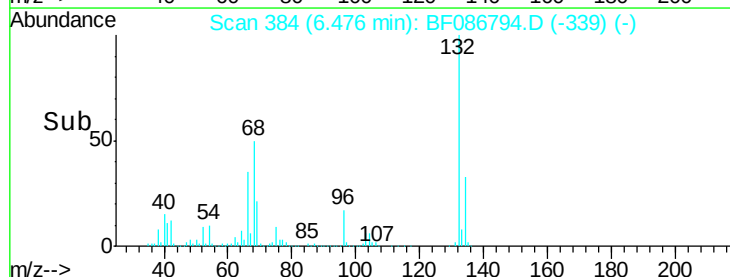
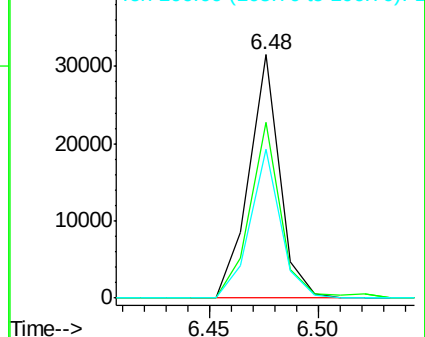
106 61.0 70.8 110.8#

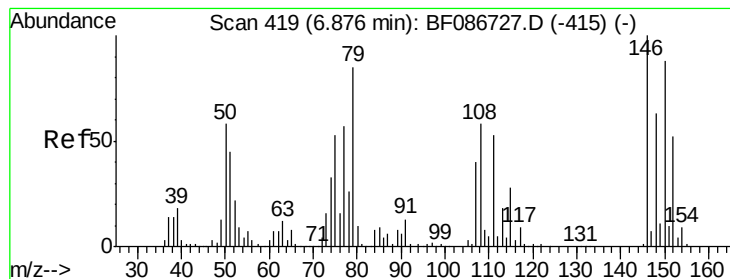


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.31 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

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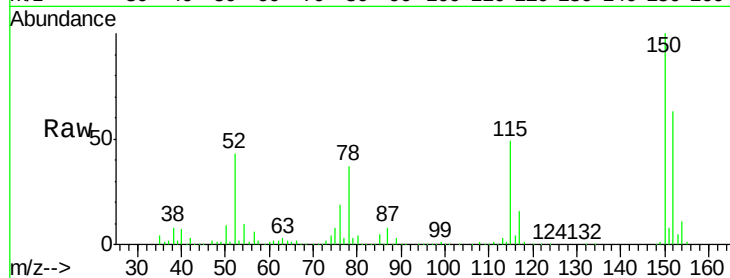
Tgt Ion: 79 Resp: 19873

Ion Ratio Lower Upper

79 100

108 31.4 68.4 102.6#

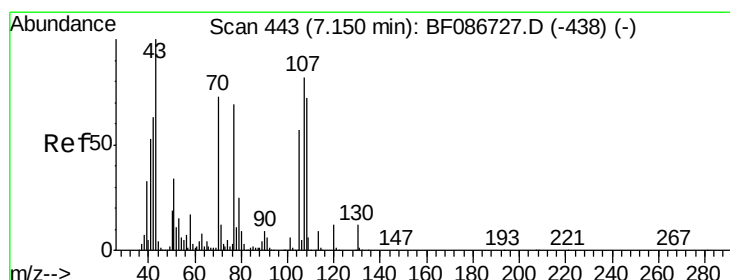
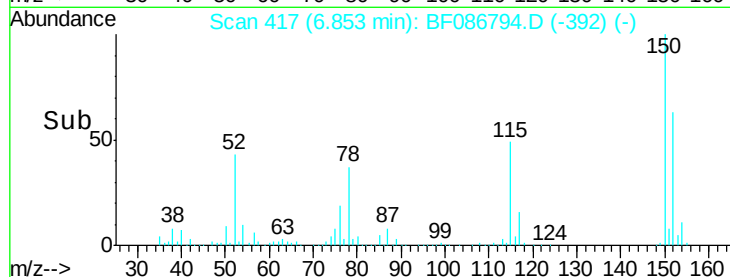
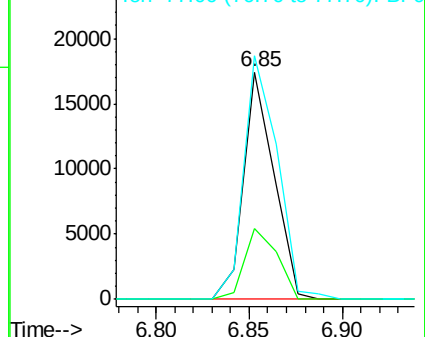
77 107.0 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.96 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

Tgt Ion: 70 Resp: 181097

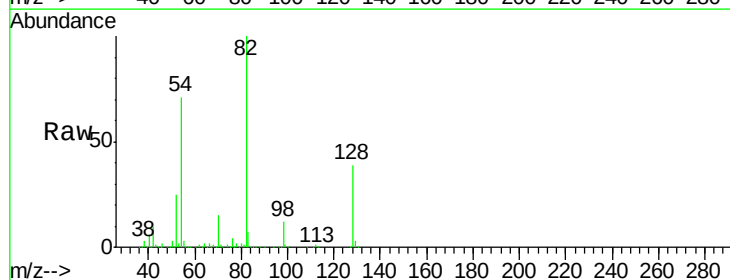
Ion Ratio Lower Upper

70 100

42 68.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

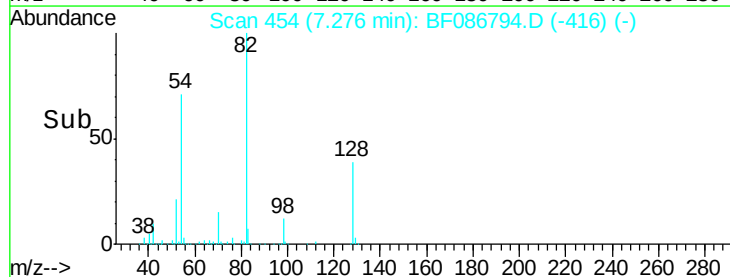
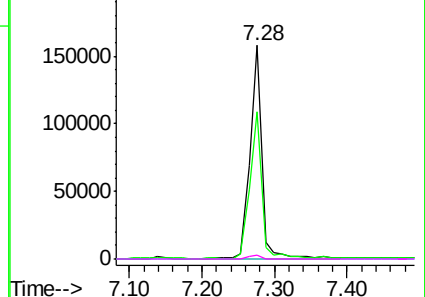


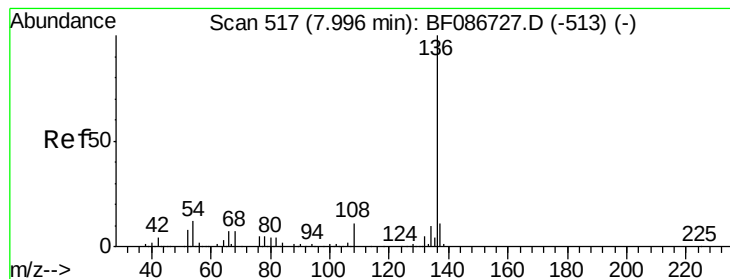
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MWHR2-8

Tgt Ion:136 Resp: 670544

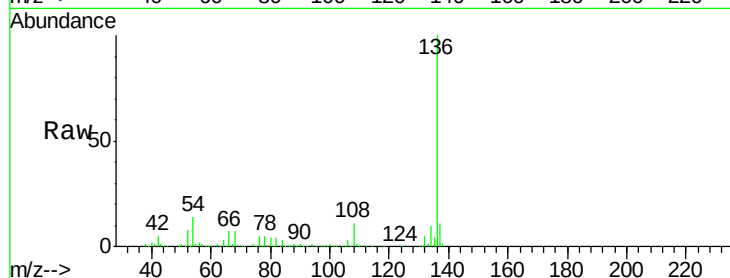
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.1 5.0 7.4#

68 7.5 4.4 6.6#

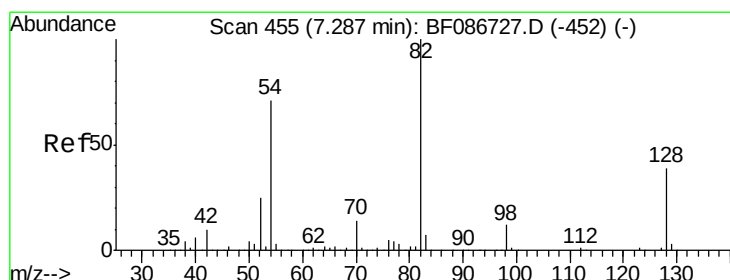
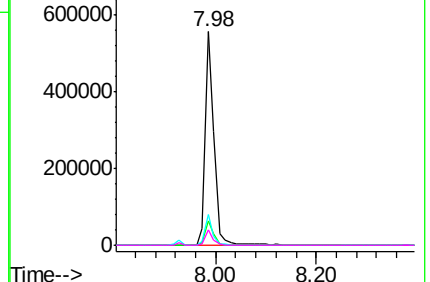
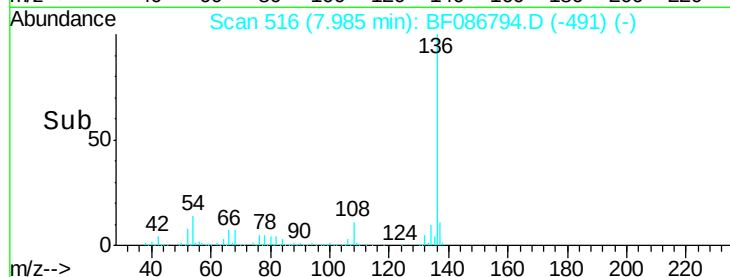


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.30 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

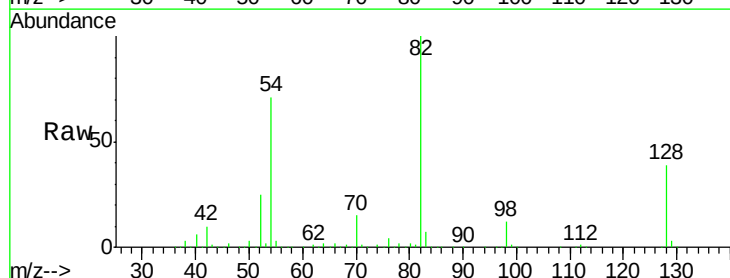
Tgt Ion: 82 Resp: 1243490

Ion Ratio Lower Upper

82 100

128 39.0 40.6 61.0#

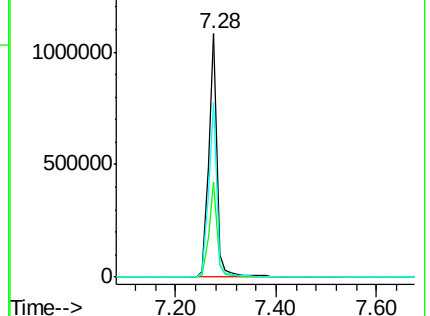
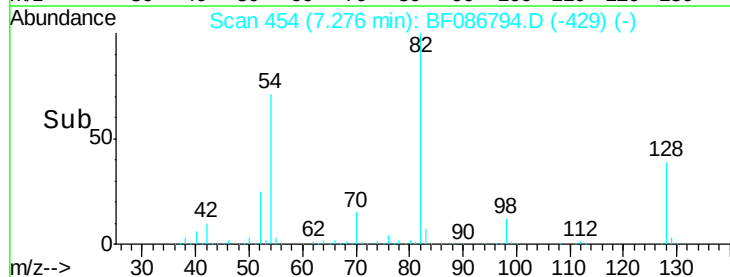
54 71.5 38.1 57.1#

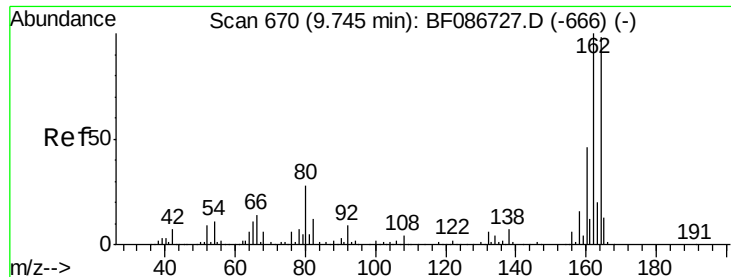


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

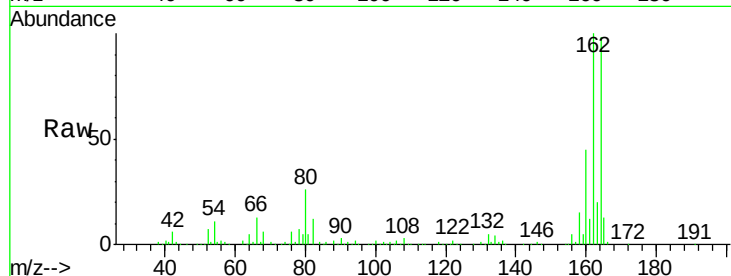




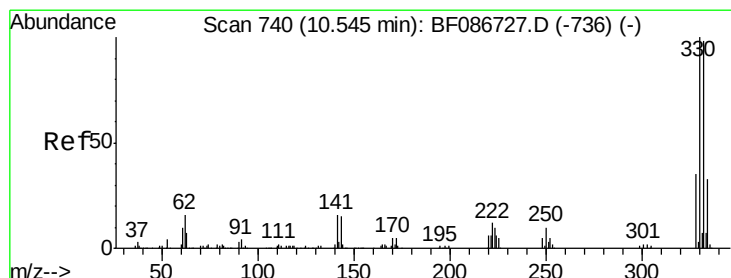
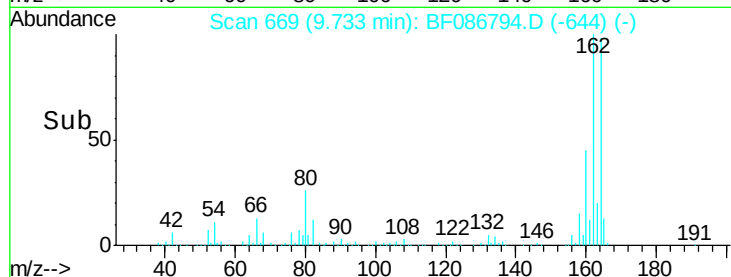
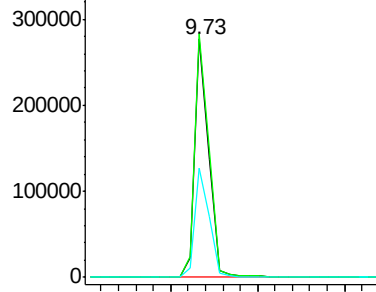
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF086794.D
Acq: 8 May 2016 00:55

Instrument :
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MWHHR2-8

Tgt Ion:164 Resp: 313182
Ion Ratio Lower Upper
164 100
162 102.2 82.8 124.2
160 46.0 36.9 55.3

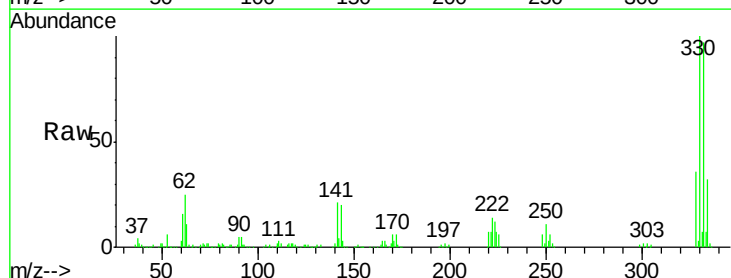


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

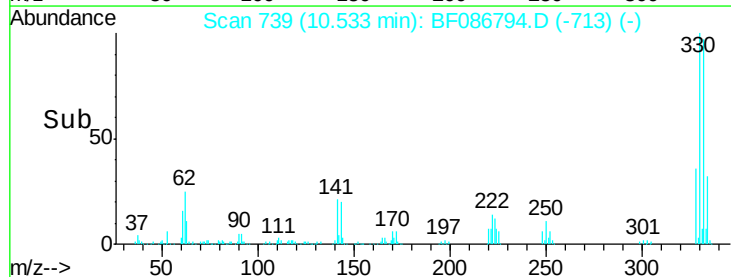
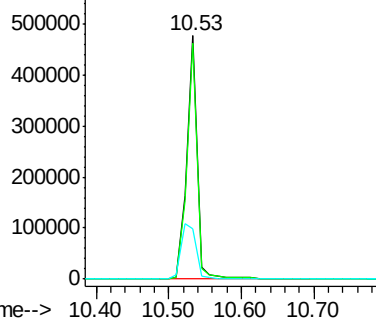


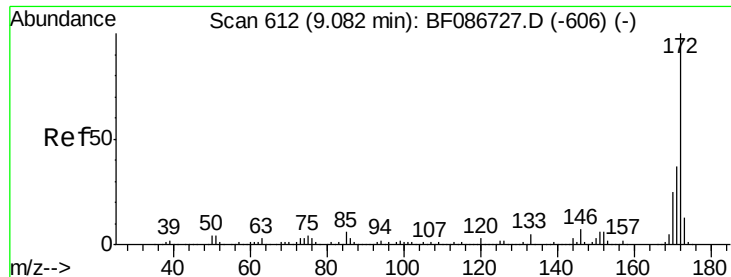
#41
2,4,6-Tribromophenol
Concen: 157.98 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF086794.D
Acq: 8 May 2016 00:55

Tgt Ion:330 Resp: 484005
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 33.0 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

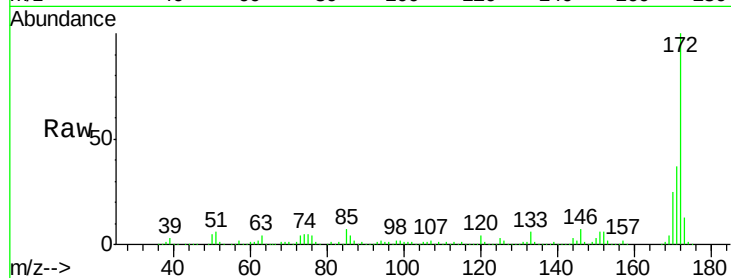




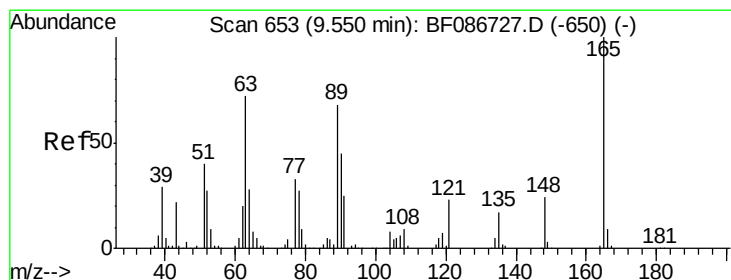
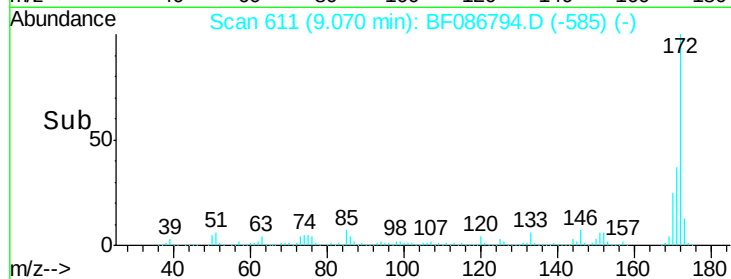
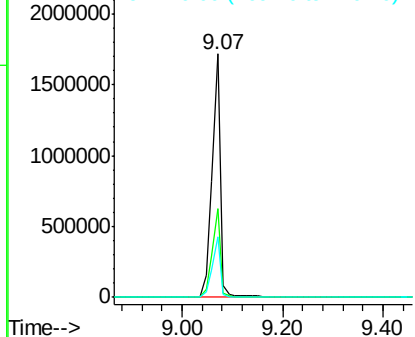
#44
 2-Fluorobiphenyl
 Concen: 104.66 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086794.D
 Acq: 8 May 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-8

Tgt Ion:172 Resp: 1999552
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 25.0 19.8 29.8

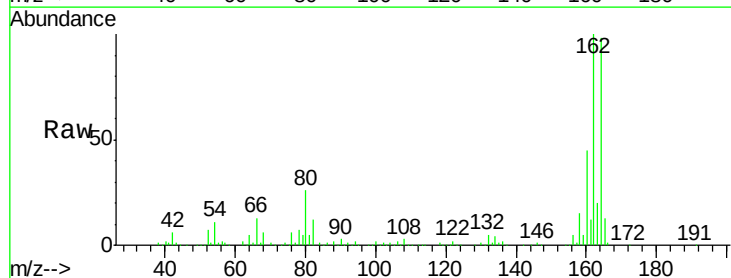


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

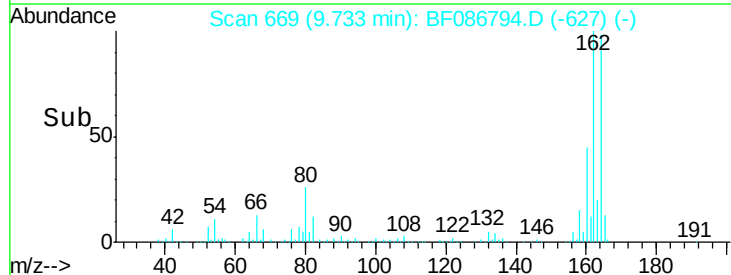
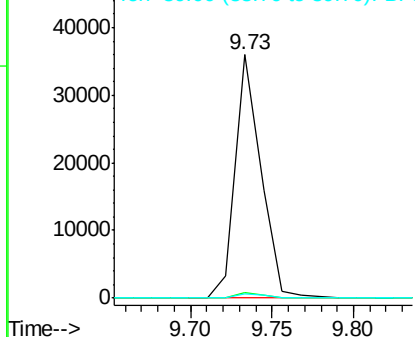


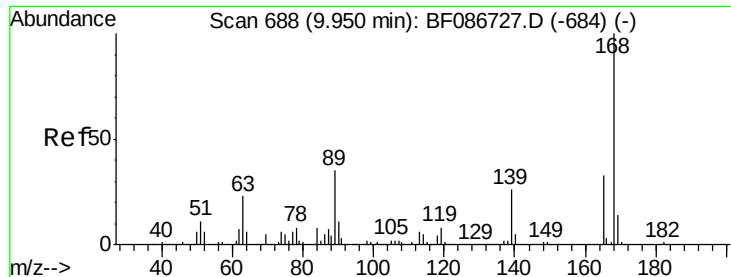
#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF086794.D
 Acq: 8 May 2016 00:55

Tgt Ion:165 Resp: 39108
 Ion Ratio Lower Upper
 165 100
 63 2.1 51.8 77.8#
 89 1.8 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

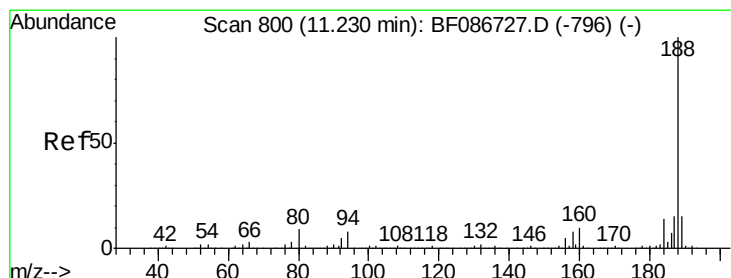
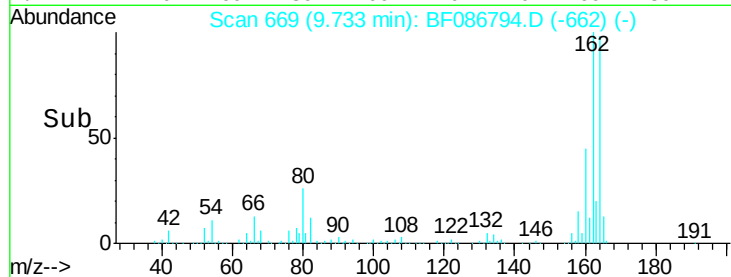
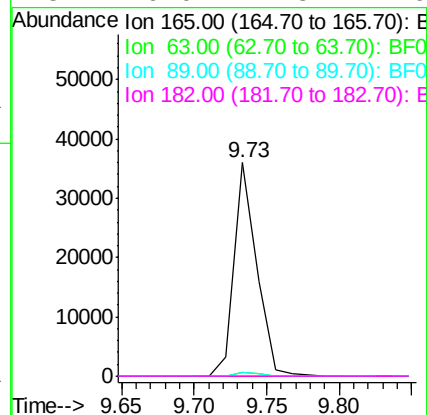
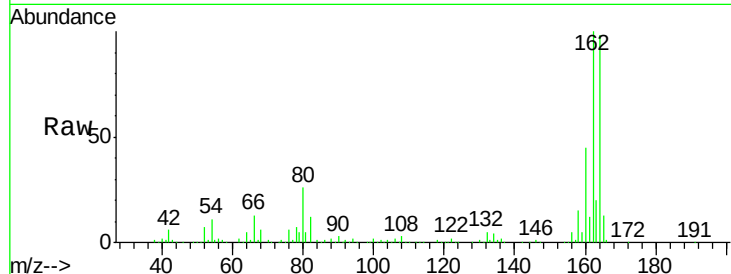




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF086794.D
 Acq: 8 May 2016 00:55

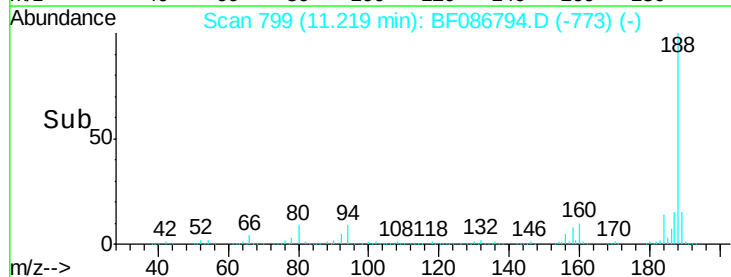
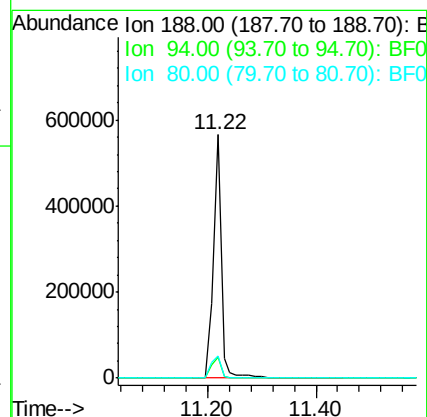
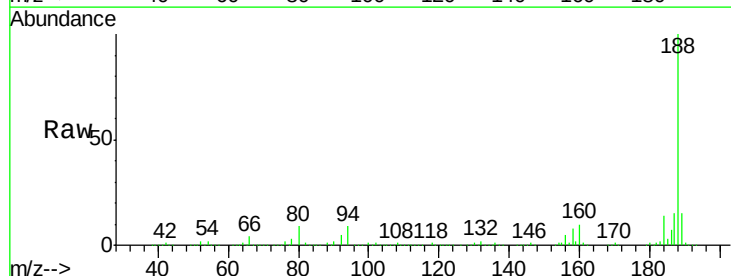
Instrument :
 BNA_F
 ClientSampleId :
 MWHR2-8

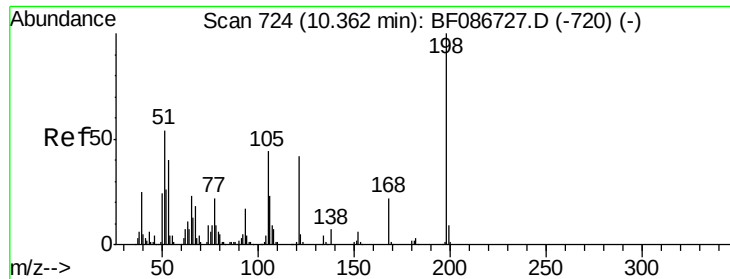
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086794.D
 Acq: 8 May 2016 00:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	8.9	7.1	10.7





#64

4,6-Dinitro-2-methylphenol

Concen: 5.69 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.18 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MWHR2-8

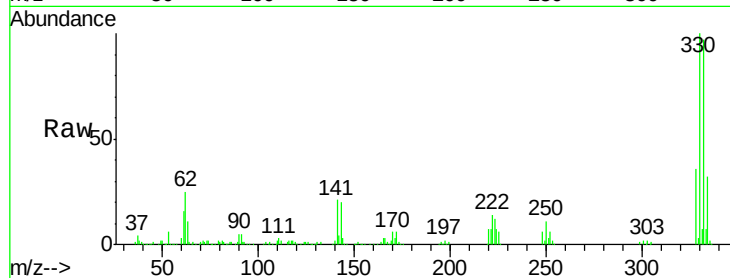
Tgt Ion:198 Resp: 1213

Ion Ratio Lower Upper

198 100

51 116.1 20.5 60.5#

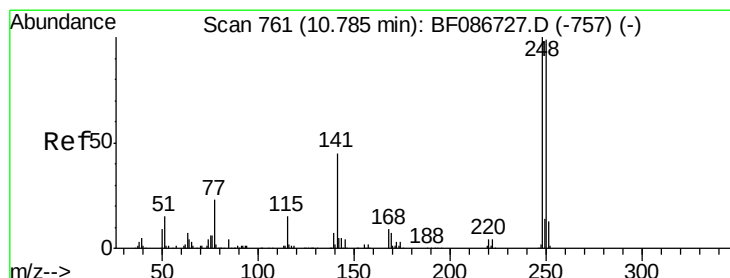
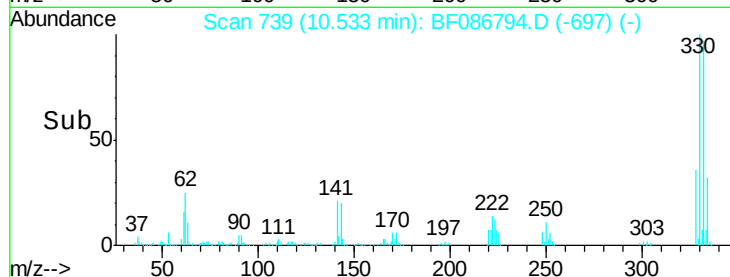
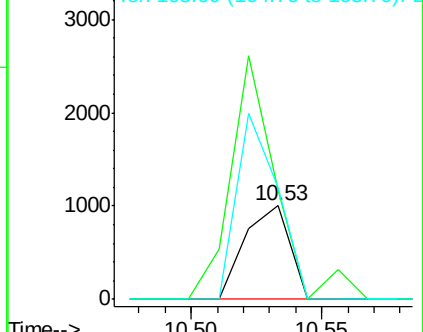
105 118.7 24.5 64.5#



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: 5.14 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.24 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

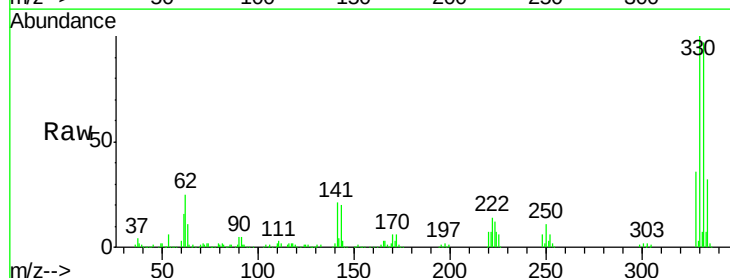
Tgt Ion:248 Resp: 29437

Ion Ratio Lower Upper

248 100

250 197.9 78.6 117.8#

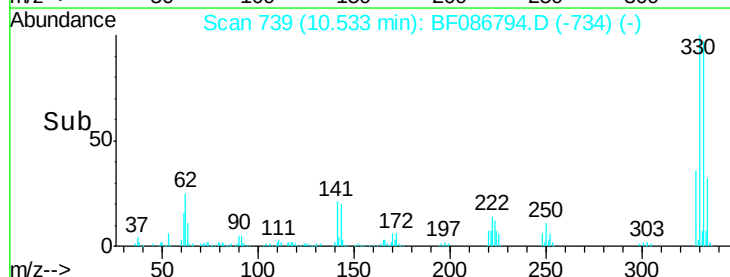
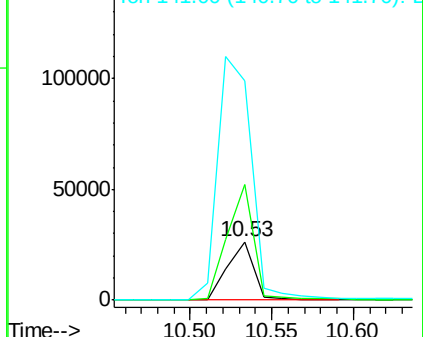
141 377.6 76.0 114.0#

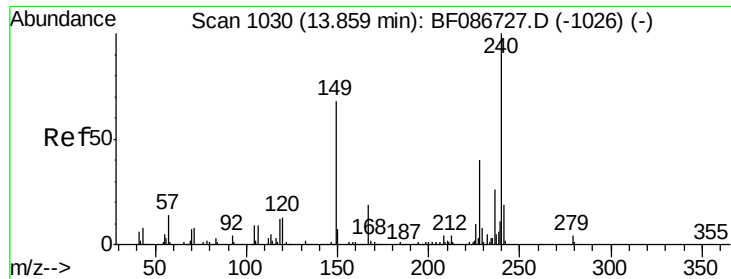


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF086794.D

Acq: 8 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MWHR2-8

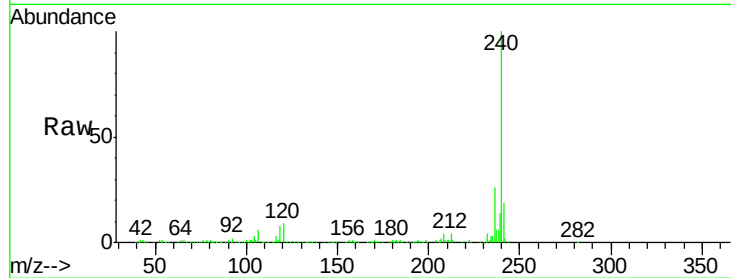
Tgt Ion:240 Resp: 371049

Ion Ratio Lower Upper

240 100

120 8.5 11.2 16.8#

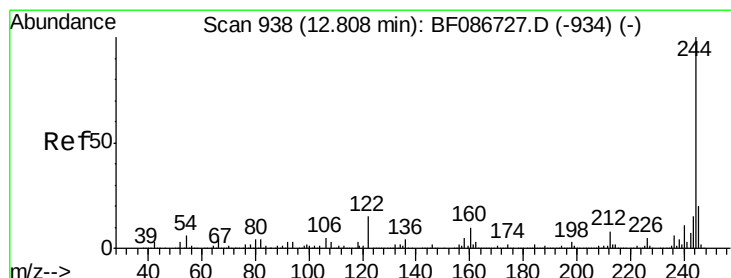
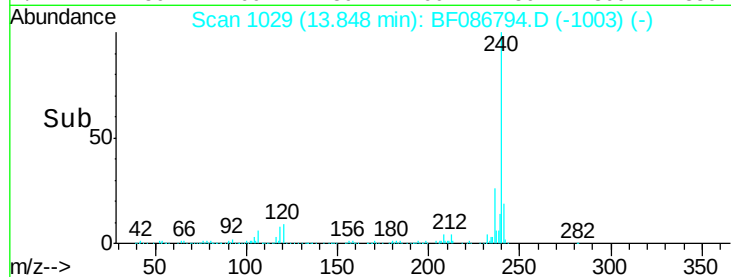
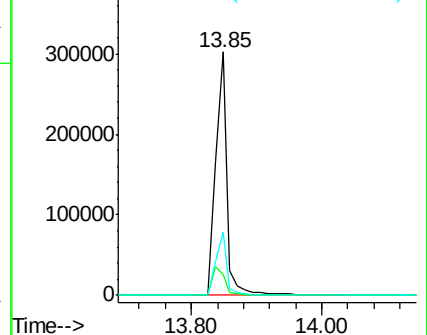
236 26.0 21.2 31.8



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: 94.42 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086794.D

Acq: 8 May 2016 00:55

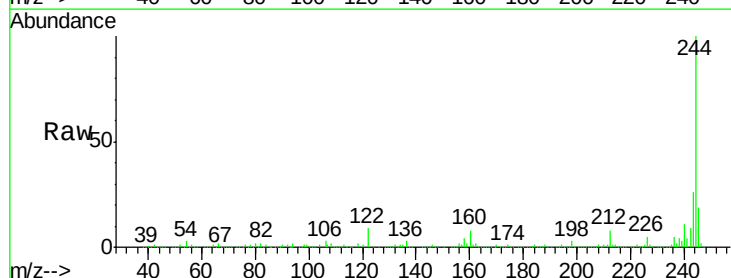
Tgt Ion:244 Resp: 1733484

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

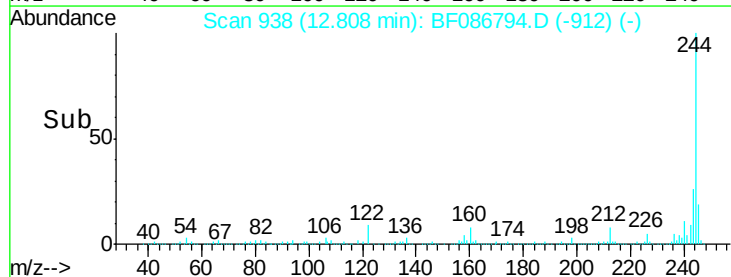
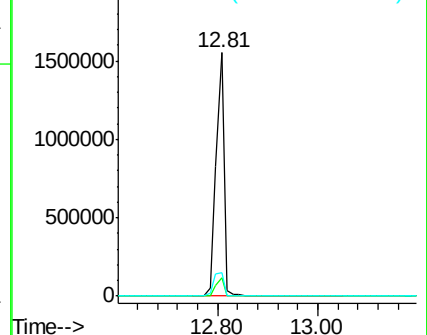
122 9.4 12.0 18.0#

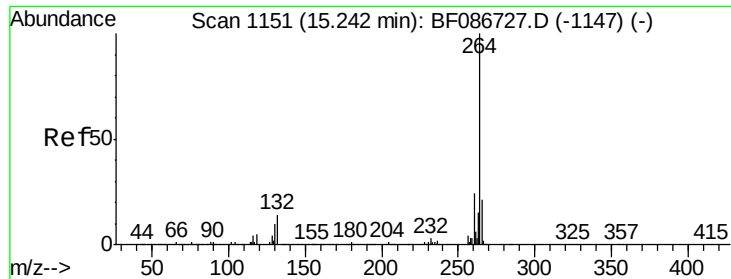


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

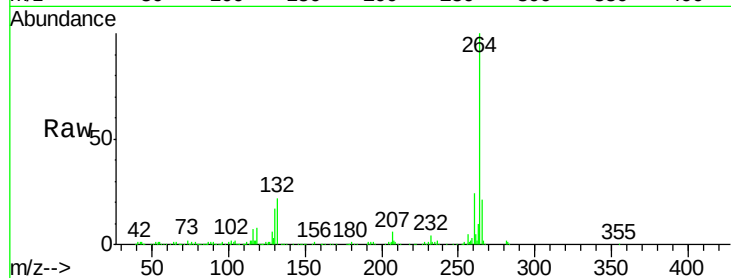




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF086794.D
Acq: 8 May 2016 00:55

Instrument :
BNA_F
ClientSampleId :
MWHR2-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.3	25.9



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

