

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086766.D
 Acq On : 7 May 2016 11:25
 Operator : UM/SJ
 Sample : H2831-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: May 07 23:34:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

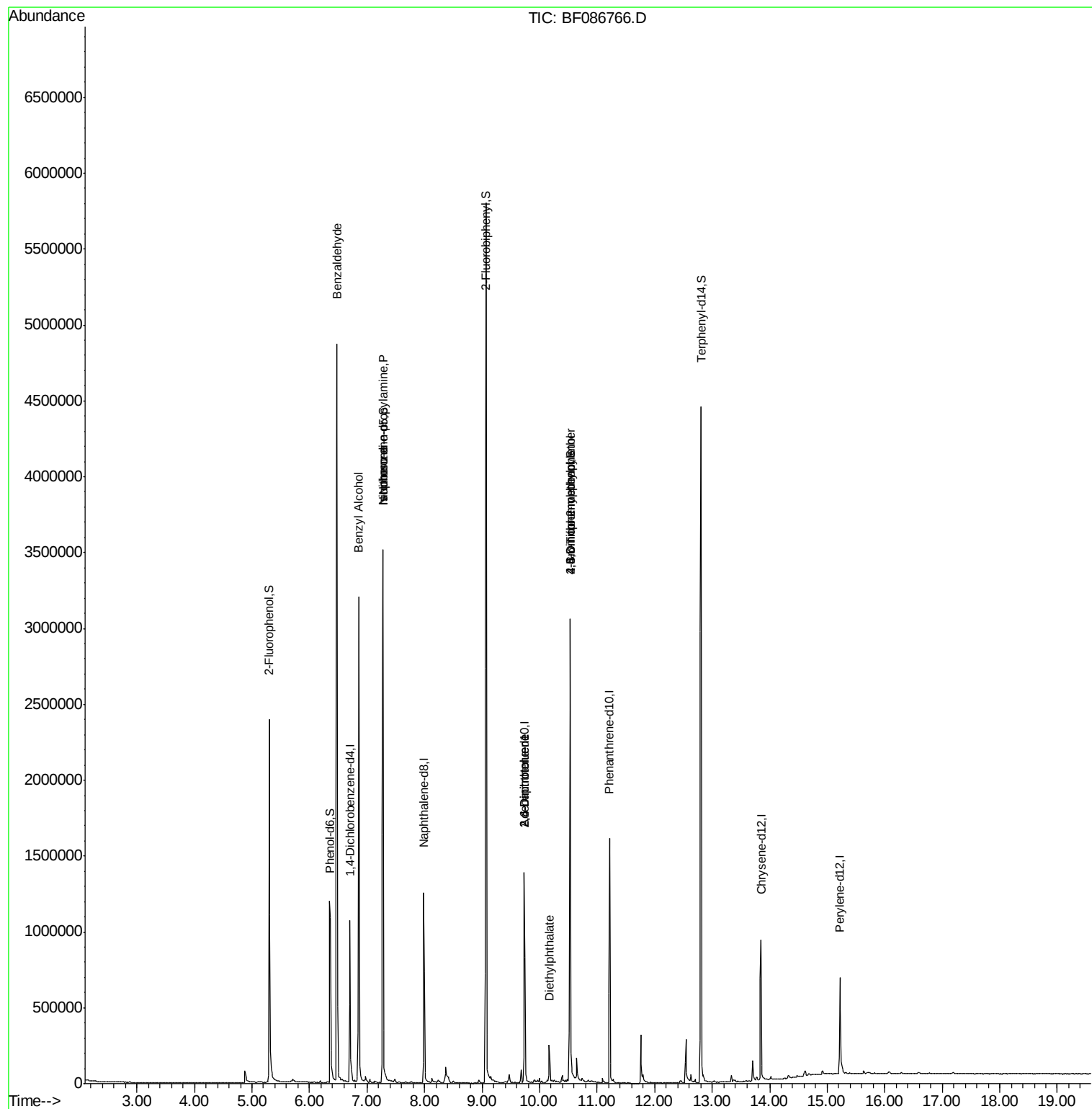
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	183387	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	725588	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	341578	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	630831	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	433737	40.00	ng	-0.03
86) Perylene-d12	15.22	264	335946	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	701483	63.33	ng	-0.02
7) Phenol-d6	6.36	99	615437	41.24	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1265274	89.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	536703	160.62	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2083473	99.99	ng	-0.03
78) Terphenyl-d14	12.81	244	1705917	79.49	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	33527	4.50	ng	# 75
15) Benzyl Alcohol	6.85	79	22121	2.29	ng	# 43
19) n-Nitroso-di-n-propylamine	7.28	70	179386	17.59	ng	# 72
25) Isophorone	7.28	82	1210017	46.02	ng	# 68
50) 2,6-Dinitrotoluene	9.73	165	43504	7.96	ng	# 21
56) 2,4-Dinitrotoluene	9.73	165	43508	6.42	ng	# 16
59) Diethylphthalate	10.17	149	70710	2.93	ng	99
64) 4,6-Dinitro-2-methylphenol	10.53	198	1176	5.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	31560	5.03	ng	# 1

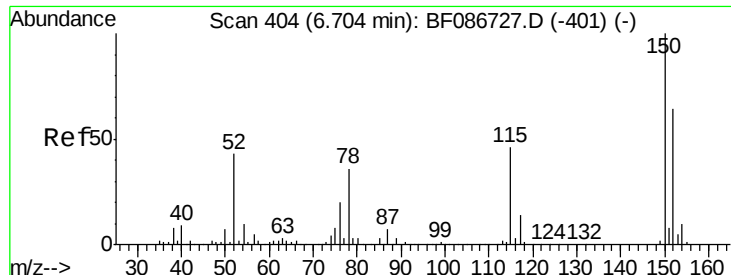
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
Data File : BF086766.D
Acq On : 7 May 2016 11:25
Operator : UM/SJ
Sample : H2831-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: May 07 23:34:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampleId :

MW-4

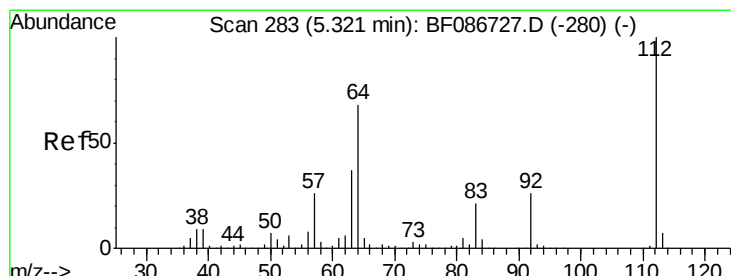
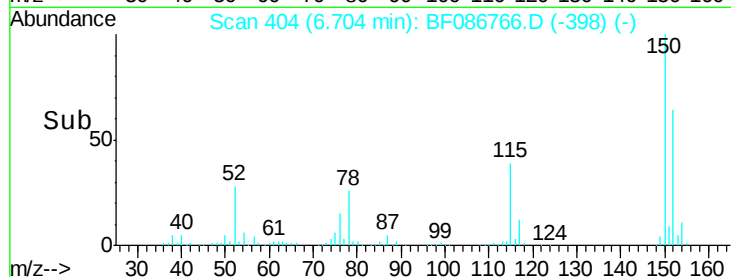
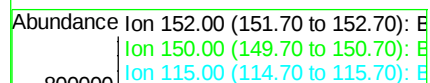
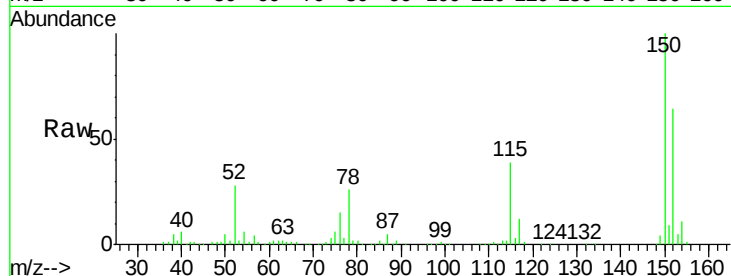
Tgt Ion:152 Resp: 183387

Ion Ratio Lower Upper

152 100

150 155.2 125.8 188.6

115 60.3 51.5 77.3



#5

2-Fluorophenol

Concen: 63.33 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

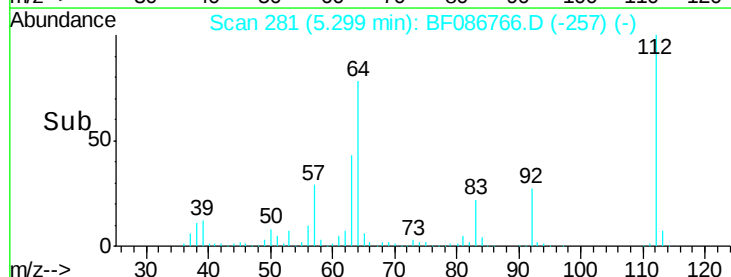
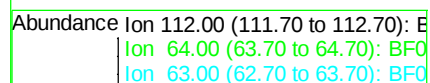
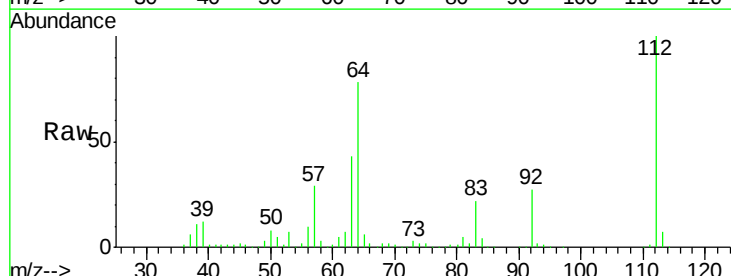
Tgt Ion:112 Resp: 701483

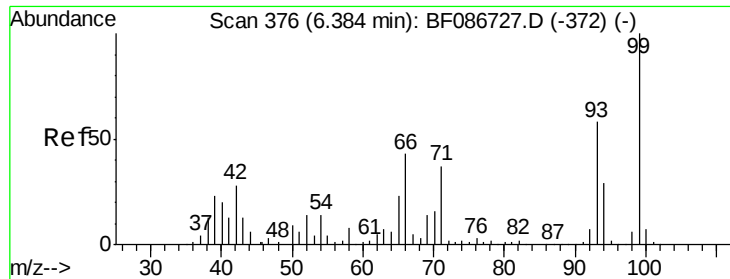
Ion Ratio Lower Upper

112 100

64 78.1 52.1 78.1

63 42.6 25.7 38.5





#7

Phenol-d6

Concen: 41.24 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampled :

MW-4

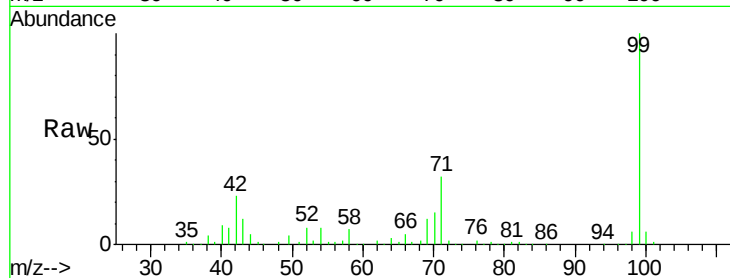
Tgt Ion: 99 Resp: 615437

Ion Ratio Lower Upper

99 100

42 22.6 13.6 20.4#

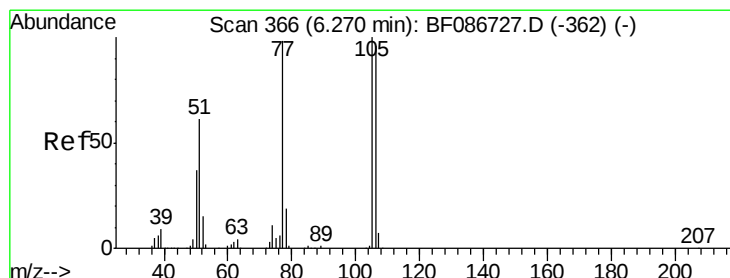
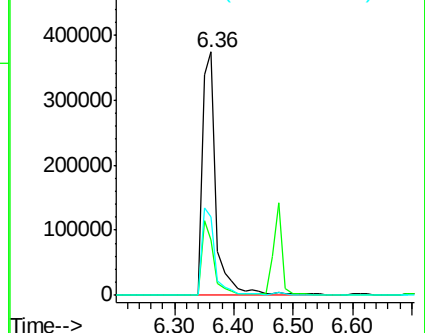
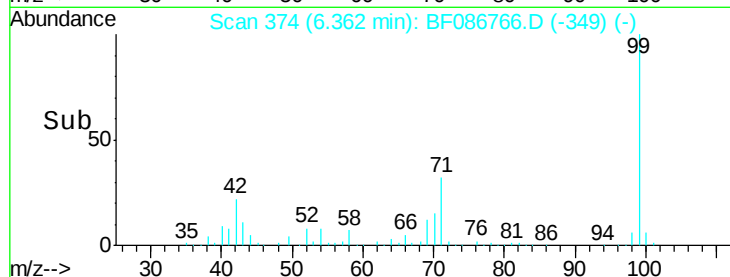
71 32.0 24.6 36.8



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: 4.50 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.19 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

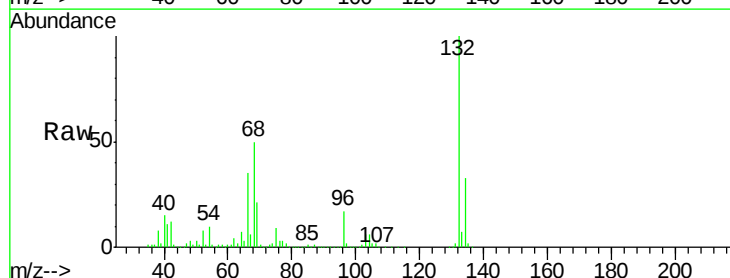
Tgt Ion: 77 Resp: 33527

Ion Ratio Lower Upper

77 100

105 74.8 72.7 112.7

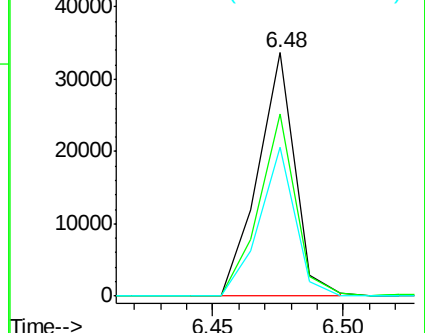
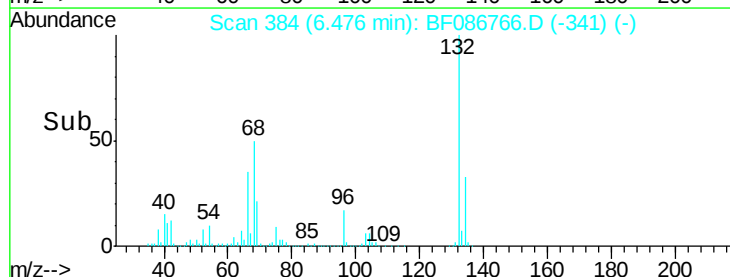
106 61.3 70.8 110.8#

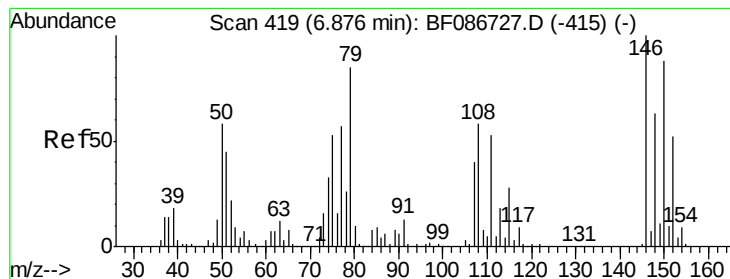


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampled :

MW-4

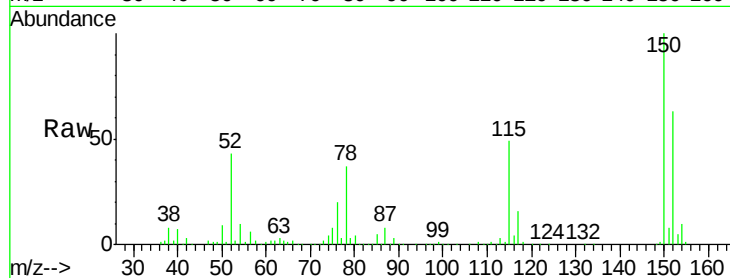
Tgt Ion: 79 Resp: 22121

Ion Ratio Lower Upper

79 100

108 29.1 68.4 102.6#

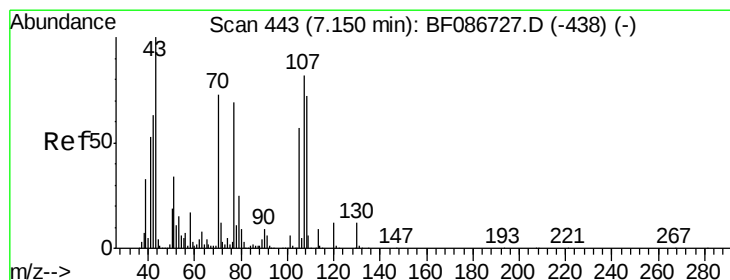
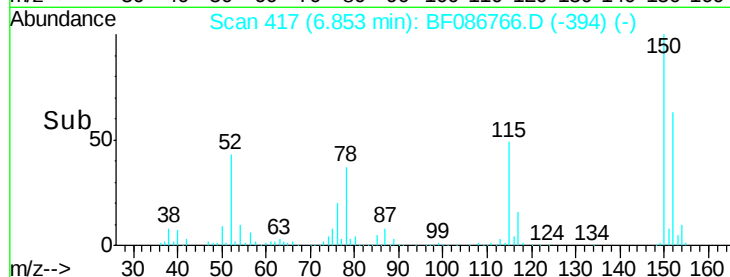
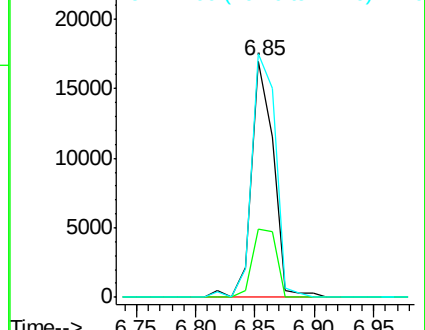
77 103.1 50.6 76.0#



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: 17.59 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.11 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Tgt Ion: 70 Resp: 179386

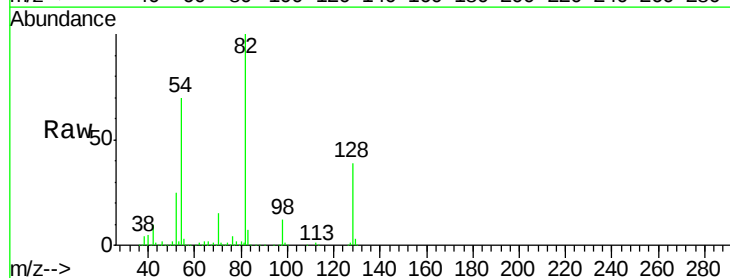
Ion Ratio Lower Upper

70 100

42 68.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

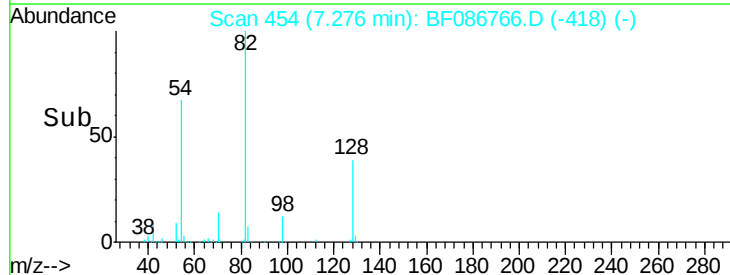
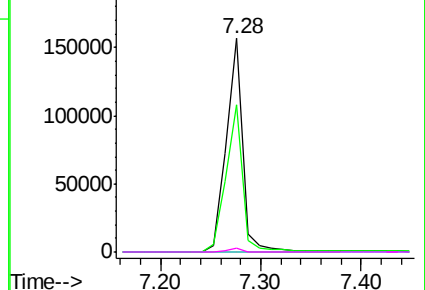


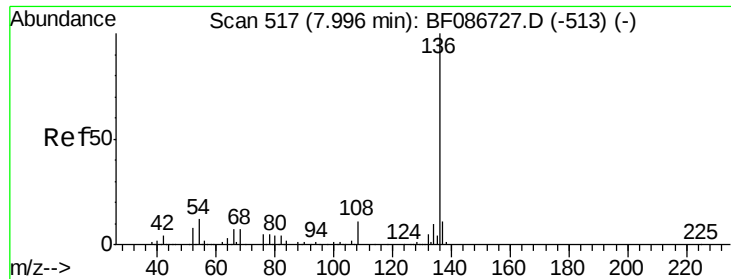
Abundance Ion 70.00 (69.70 to 70.70): BF0

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. -0.05 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampleId :

MW-4

Tgt Ion:136 Resp: 725588

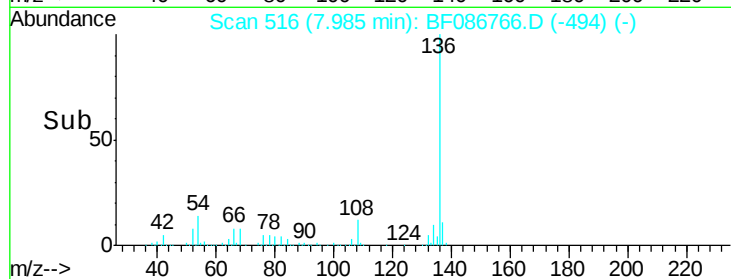
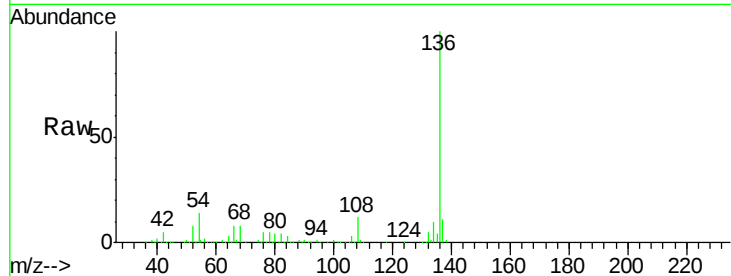
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 14.5 5.0 7.4#

68 7.6 4.4 6.6#

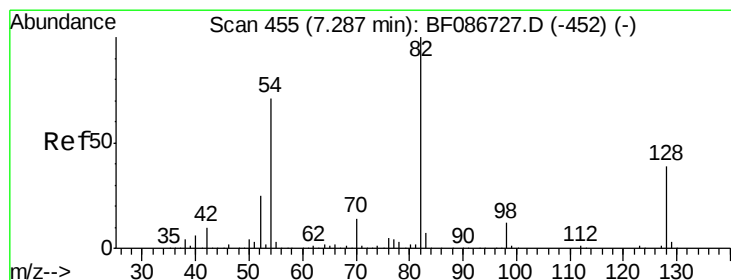
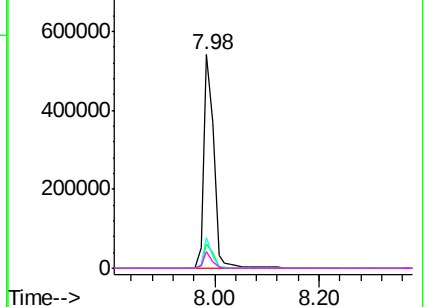


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.61 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

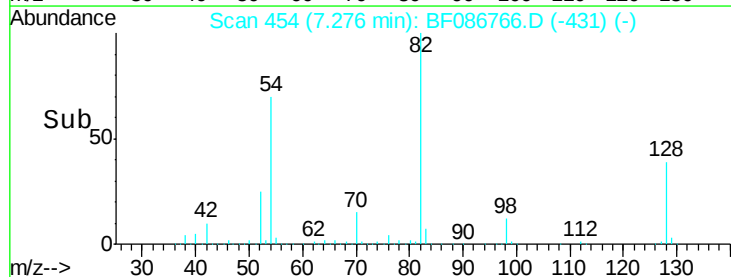
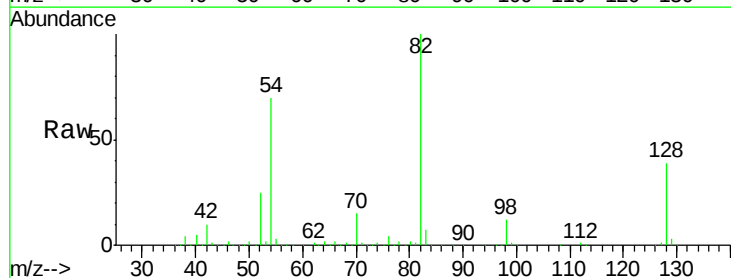
Tgt Ion: 82 Resp: 1265274

Ion Ratio Lower Upper

82 100

128 39.2 40.6 61.0#

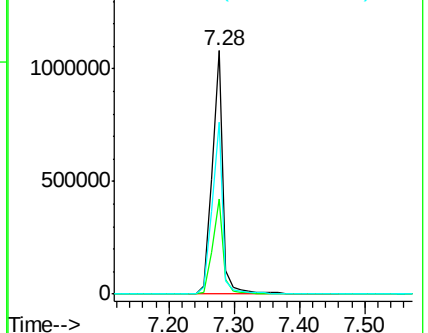
54 70.5 38.1 57.1#

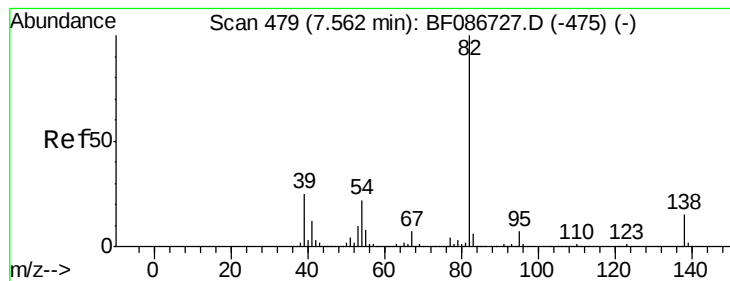


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.02 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.30 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampled :

MW-4

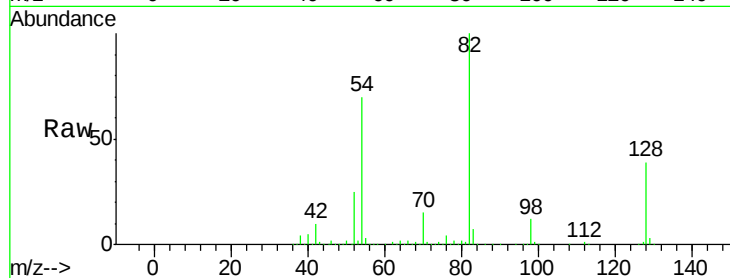
Tgt Ion: 82 Resp: 1210017

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

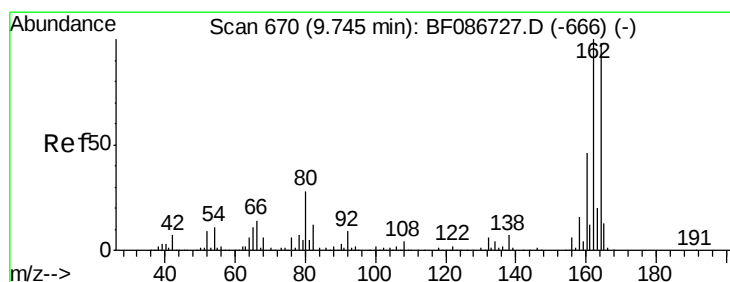
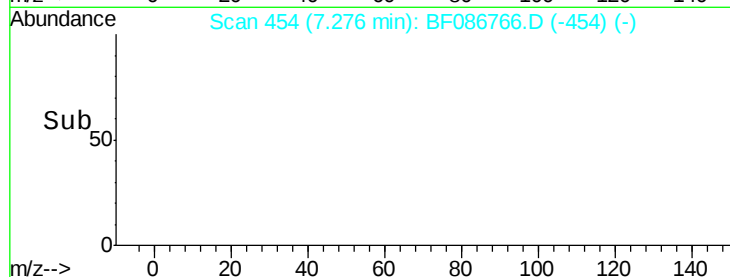
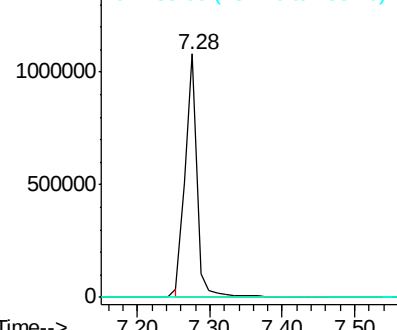
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

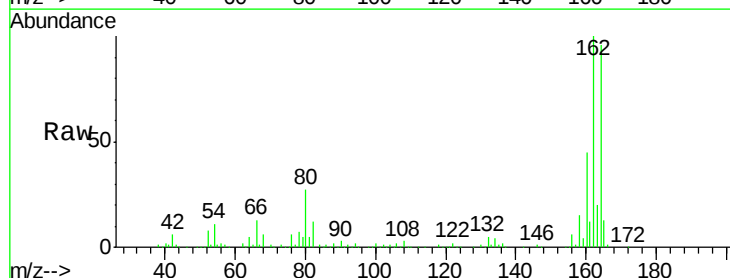
Tgt Ion: 164 Resp: 341578

Ion Ratio Lower Upper

164 100

162 104.2 82.8 124.2

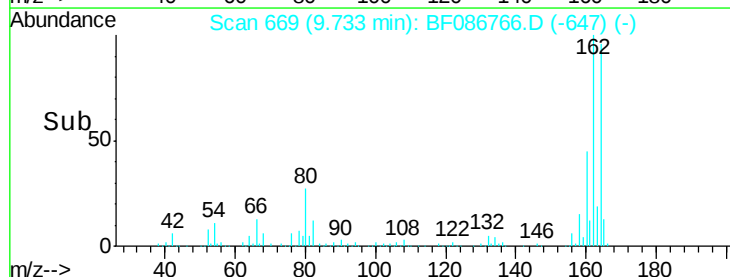
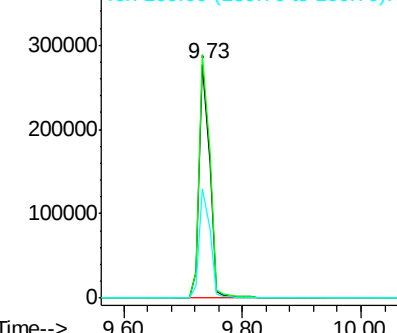
160 46.6 36.9 55.3

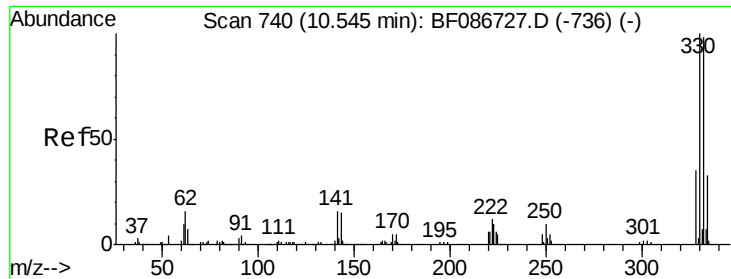


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

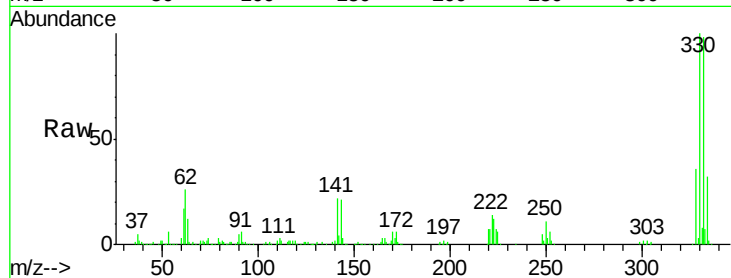




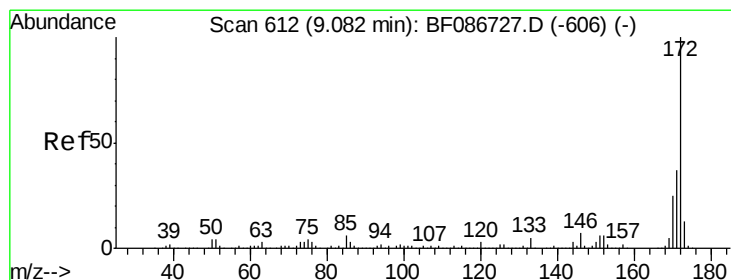
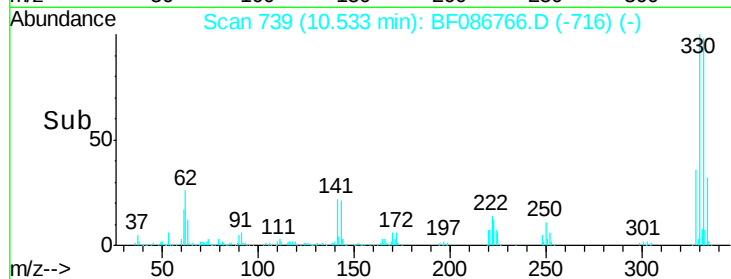
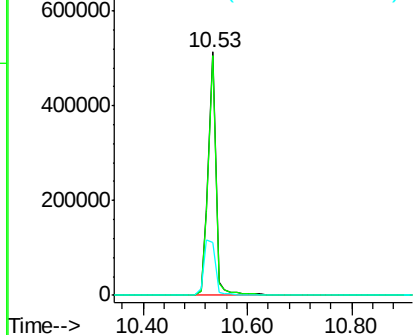
#41
 2,4,6-Tribromophenol
 Concen: 160.62 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086766.D
 Acq: 7 May 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:330 Resp: 536703
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 34.5 31.2 46.8

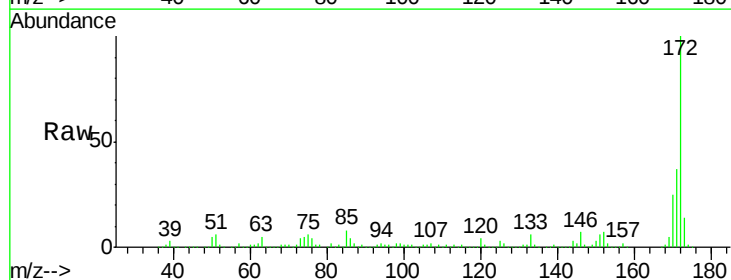


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

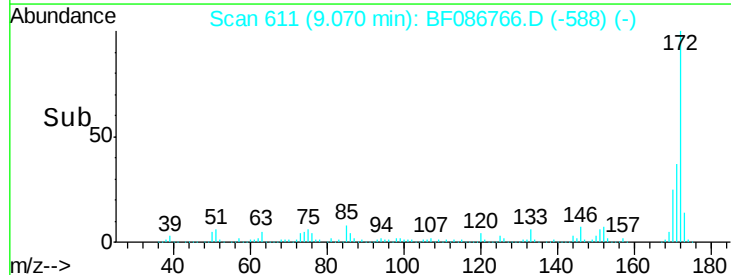
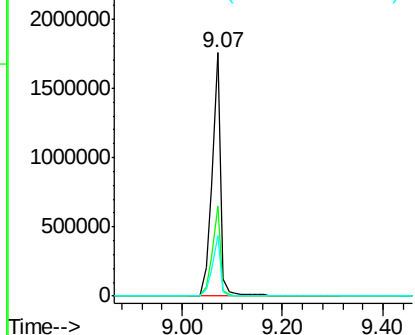


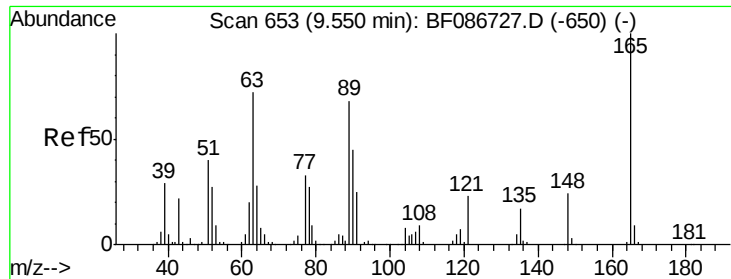
#44
 2-Fluorobiphenyl
 Concen: 99.99 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086766.D
 Acq: 7 May 2016 11:25

Tgt Ion:172 Resp: 2083473
 Ion Ratio Lower Upper
 172 100
 171 37.1 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

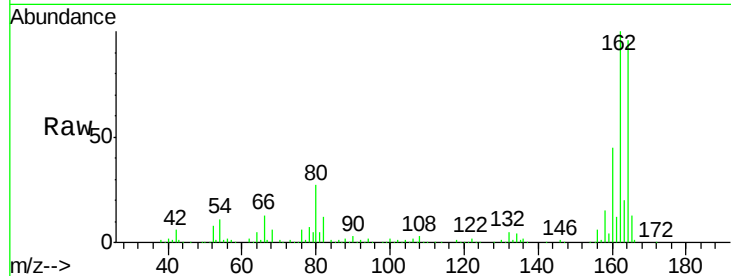




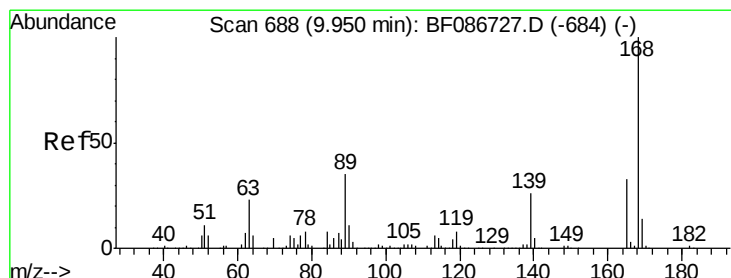
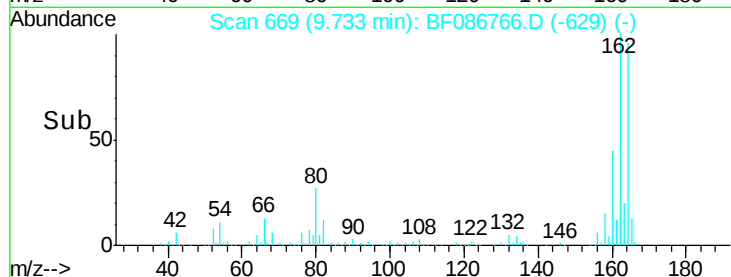
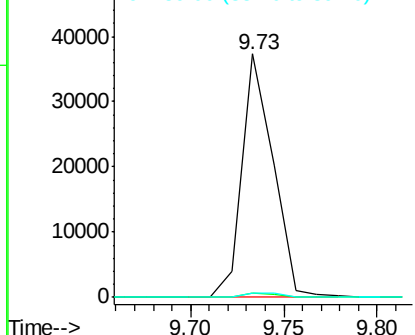
#50
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.16 min
Lab File: BF086766.D
Acq: 7 May 2016 11:25

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:165 Resp: 43504
Ion Ratio Lower Upper
165 100
63 1.9 51.8 77.8#
89 2.0 50.7 76.1#

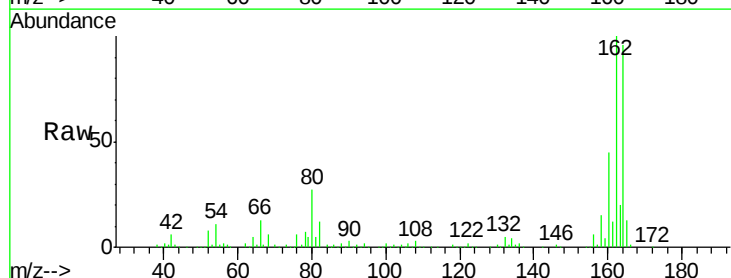


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

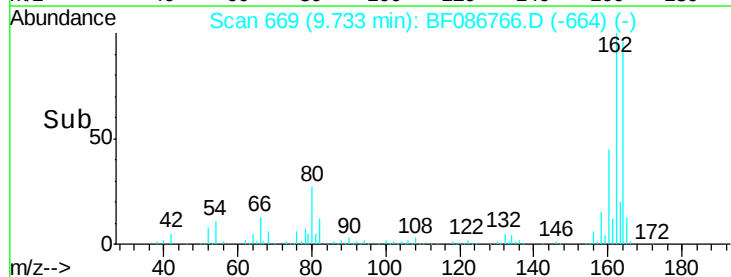
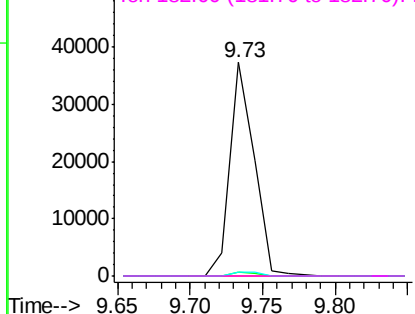


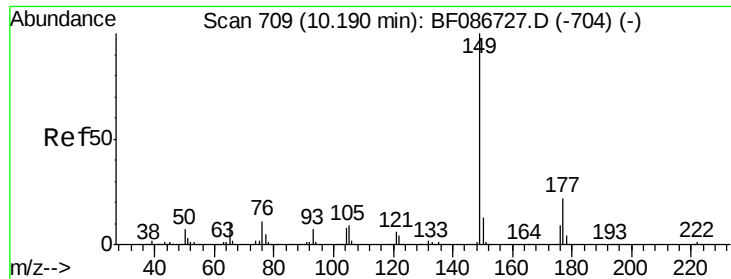
#56
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.24 min
Lab File: BF086766.D
Acq: 7 May 2016 11:25

Tgt Ion:165 Resp: 43508
Ion Ratio Lower Upper
165 100
63 1.9 44.3 66.5#
89 2.0 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

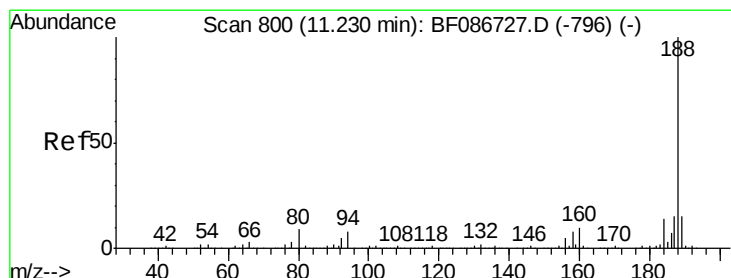
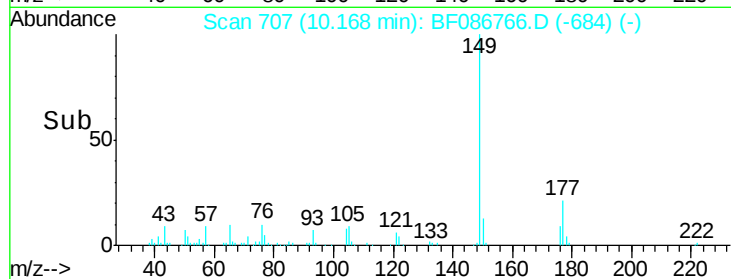
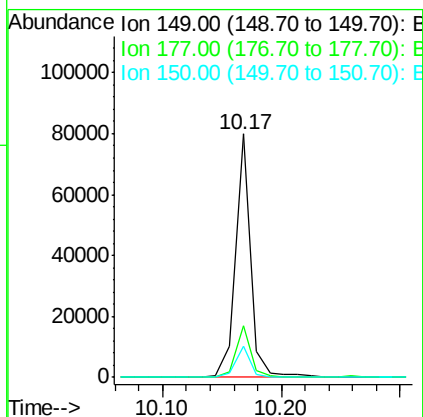
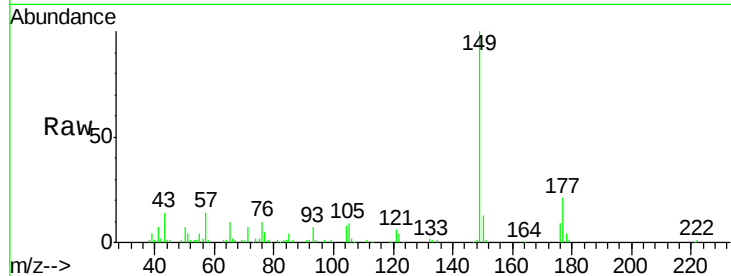




#59
Diethylphthalate
Concen: 2.93 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.03 min
Lab File: BF086766.D
Acq: 7 May 2016 11:25

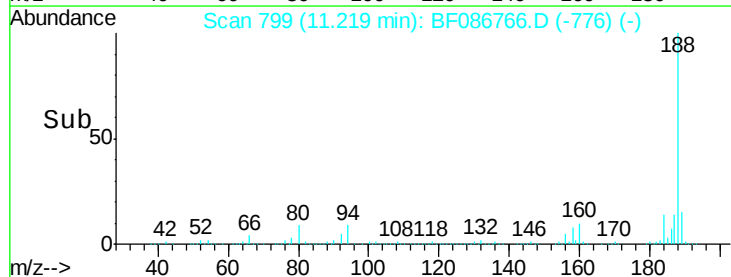
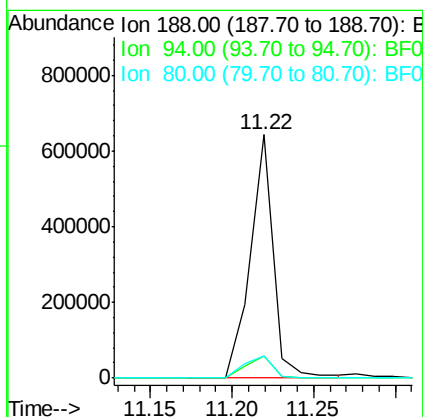
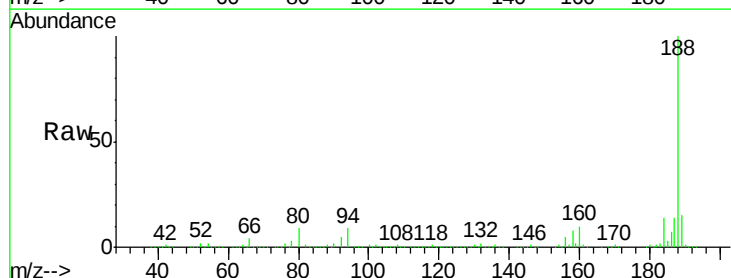
Instrument :
BNA_F
ClientSampleId :
MW-4

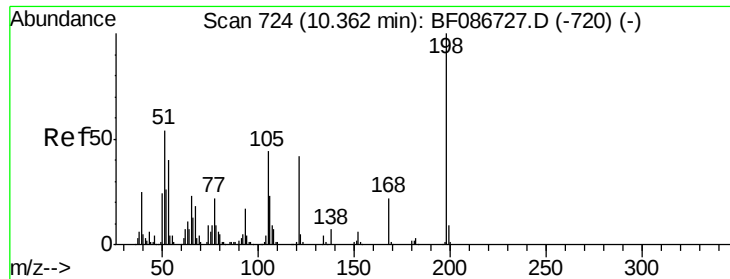
Tgt Ion:149 Resp: 70710
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.7 10.0 15.0



#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086766.D
Acq: 7 May 2016 11:25

Tgt Ion:188 Resp: 630831
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 9.4 7.1 10.7

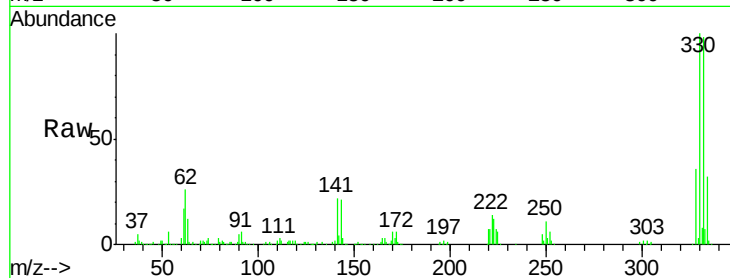




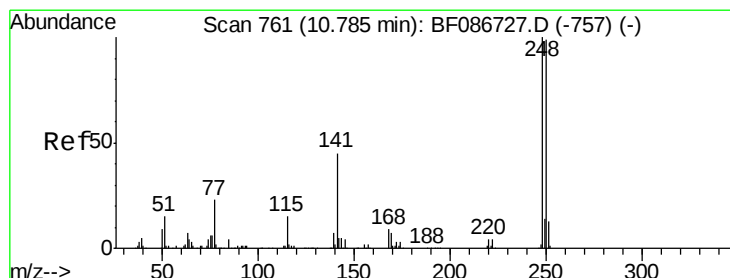
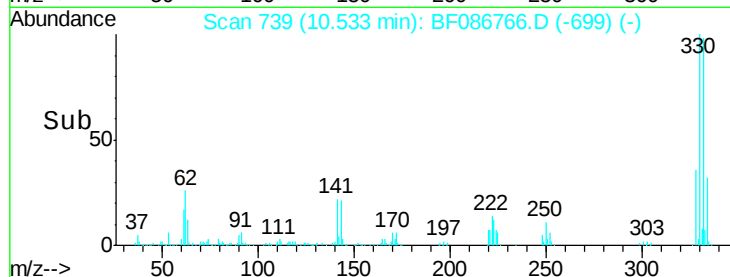
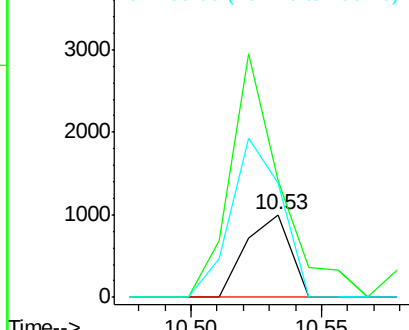
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.63 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.16 min
 Lab File: BF086766.D
 Acq: 7 May 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:198 Resp: 1176
 Ion Ratio Lower Upper
 198 100
 51 142.7 20.5 60.5#
 105 139.2 24.5 64.5#

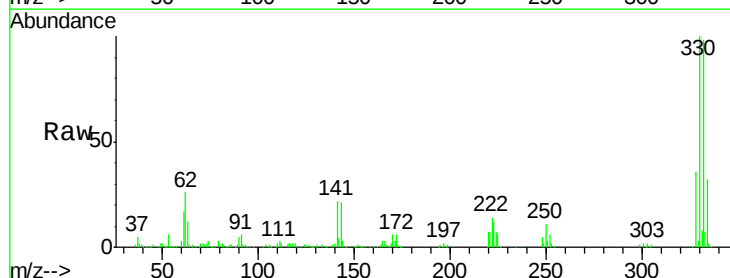


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

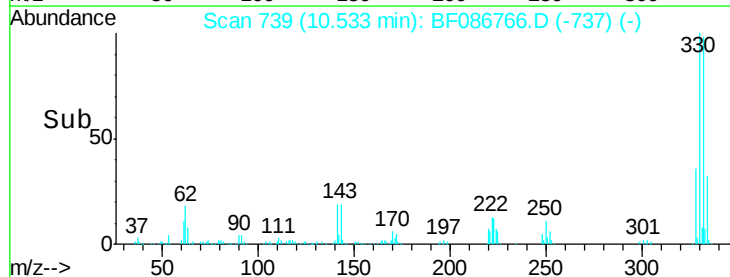
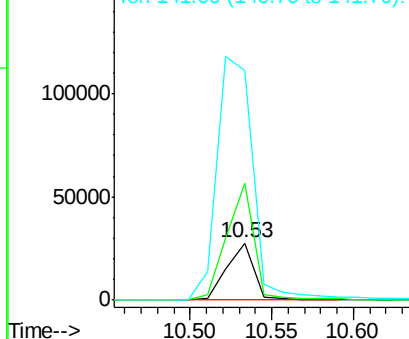


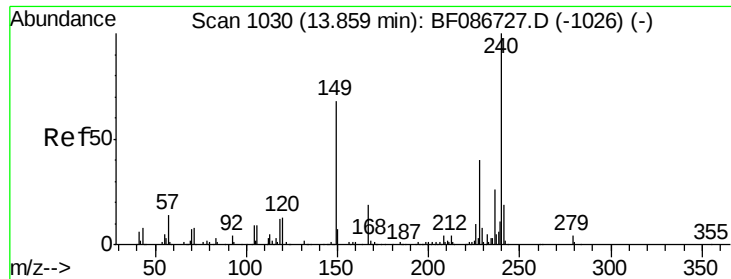
#66
 4-Bromophenyl-phenylether
 Concen: 5.03 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.27 min
 Lab File: BF086766.D
 Acq: 7 May 2016 11:25

Tgt Ion:248 Resp: 31560
 Ion Ratio Lower Upper
 248 100
 250 204.0 78.6 117.8#
 141 402.0 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. -0.03 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampleId :

MW-4

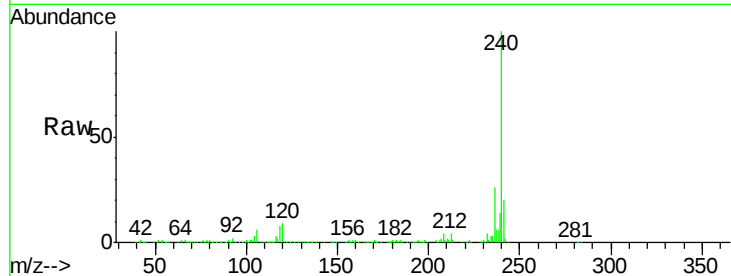
Tgt Ion:240 Resp: 433737

Ion Ratio Lower Upper

240 100

120 8.9 11.2 16.8#

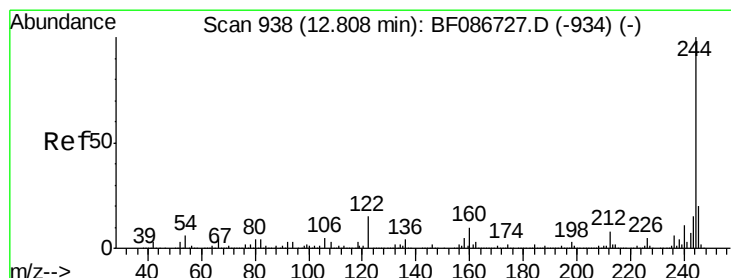
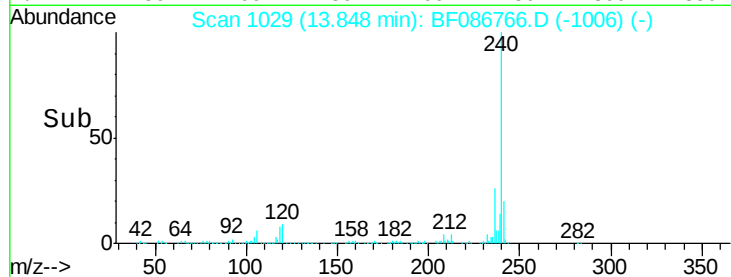
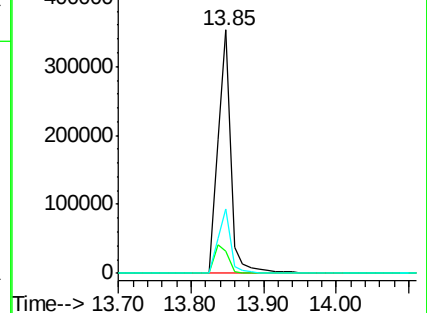
236 26.3 21.2 31.8



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: 79.49 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

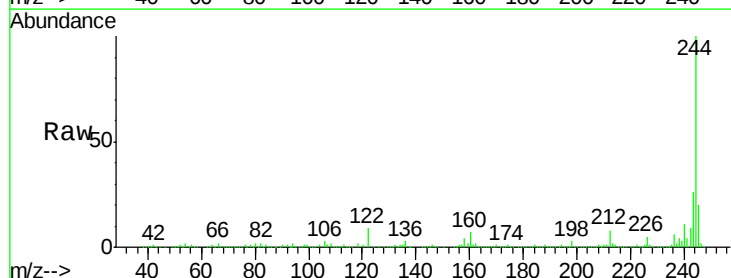
Tgt Ion:244 Resp: 1705917

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

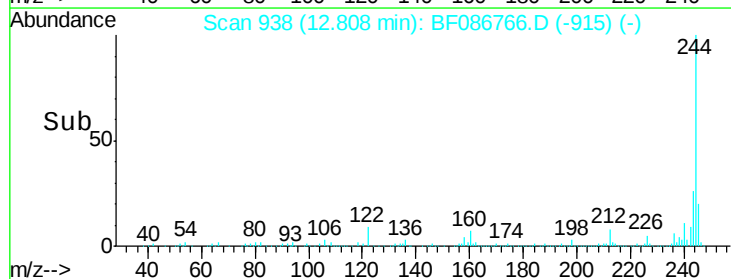
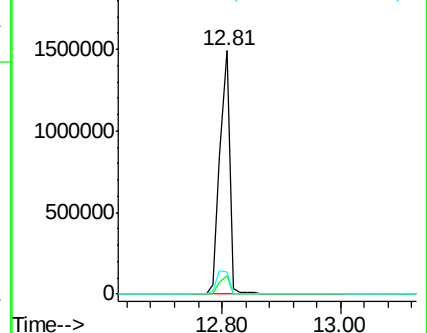
122 9.2 12.0 18.0#

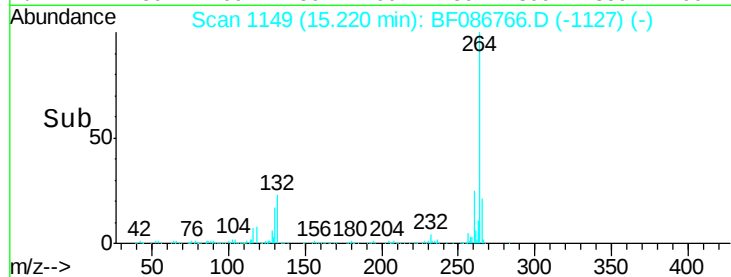
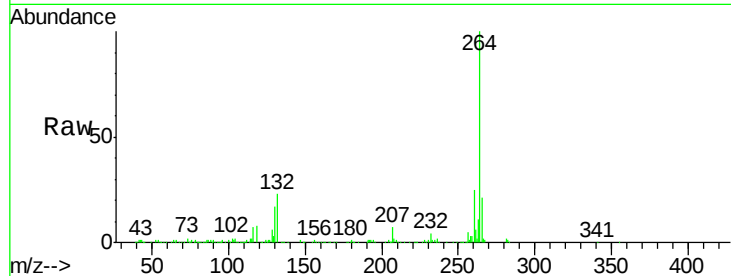
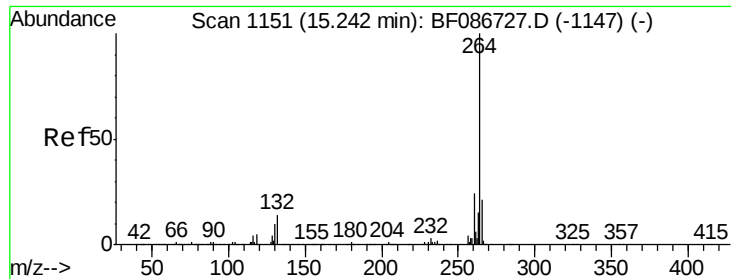


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.05 min

Lab File: BF086766.D

Acq: 7 May 2016 11:25

Instrument :

BNA_F

ClientSampleId :

MW-4

Tgt Ion:264 Resp: 335946

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.2 17.3 25.9

