

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084420.D
 Acq On : 12 Jan 2016 19:57
 Operator : SJ/UM
 Sample : H1078-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

Quant Time: Jan 13 00:36:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

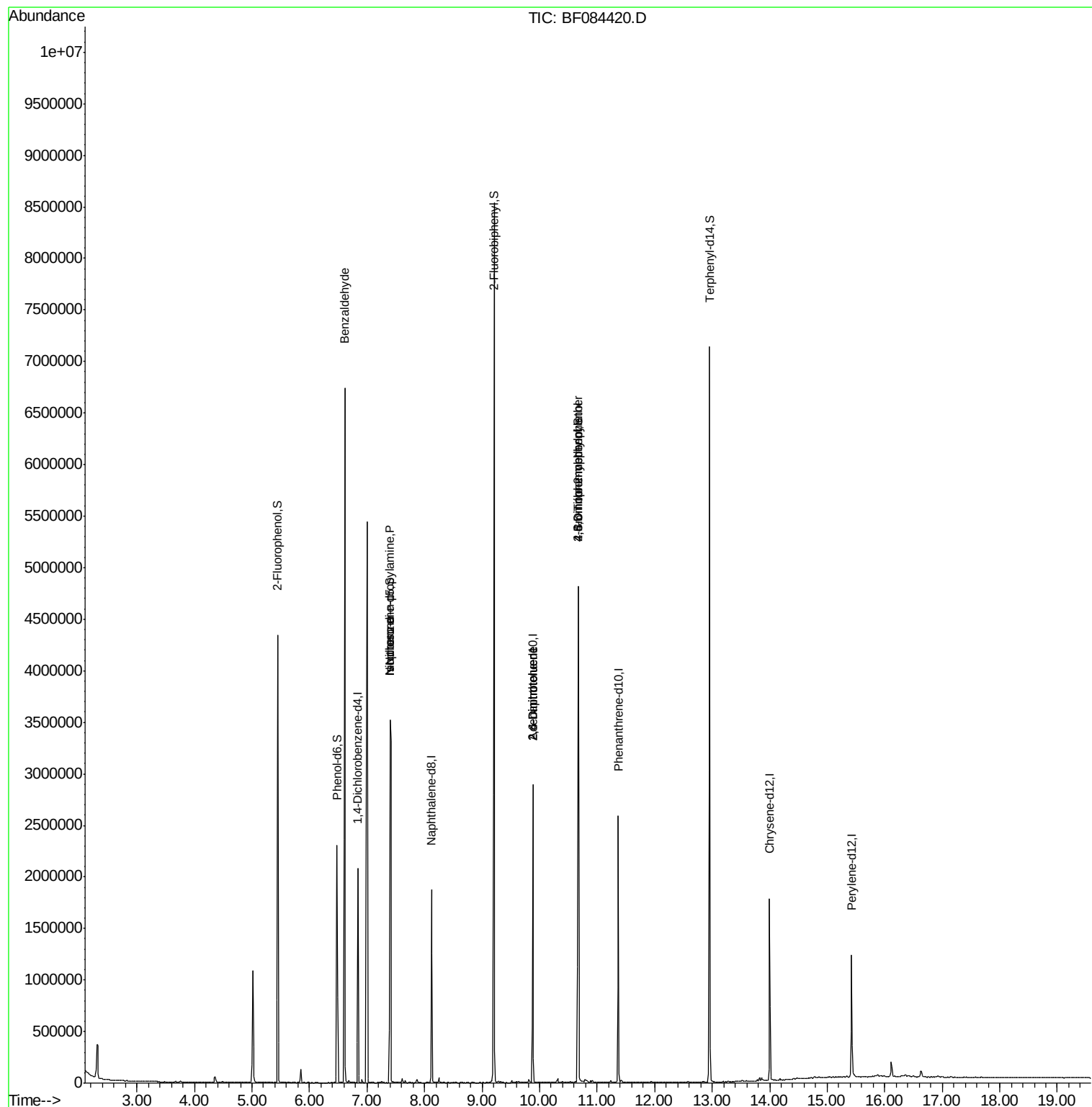
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	282515	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1090331	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	530368	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	962613	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	654727	20.00	ng	-0.07
86) Perylene-d12	15.43	264	500220	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1078913	61.77	ng	-0.04
7) Phenol-d6	6.48	99	818400	37.31	ng	-0.06
23) Nitrobenzene-d5	7.40	82	1715432	87.56	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	585470	109.34	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2500988	82.79	ng	-0.06
78) Terphenyl-d14	12.96	244	2285558	77.92	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.61	77	43063	3.01	ng	# 78
19) n-Nitroso-di-n-propylamine	7.40	70	229153	15.43	ng	# 71
25) Isophorone	7.40	82	1601343	42.74	ng	# 66
50) 2,6-Dinitrotoluene	9.88	165	70854	8.52	ng	# 37
54) Dibenzofuran	10.09	168	312	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.88	165	70858	6.73	ng	# 21
57) Fluorene	10.67	166	26388	Below Cal	#	93
64) 4,6-Dinitro-2-methylphenol	10.67	198	1389	6.60	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	36619	3.53	ng	# 1
73) Di-n-butylphthalate	11.93	149	3007	Below Cal	#	89

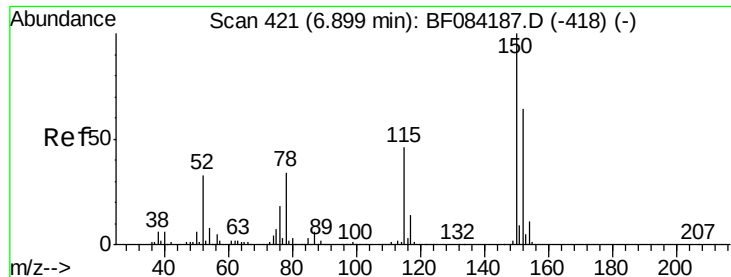
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084420.D
Acq On : 12 Jan 2016 19:57
Operator : SJ/UM
Sample : H1078-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Quant Time: Jan 13 00:36:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



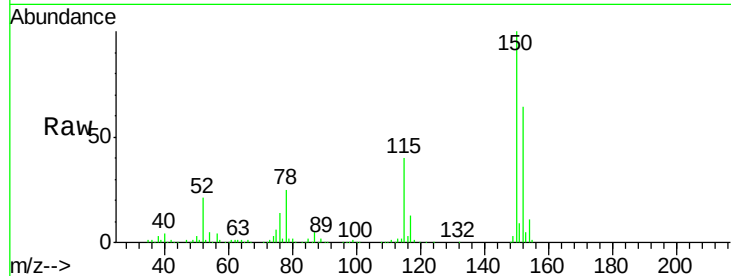


#1

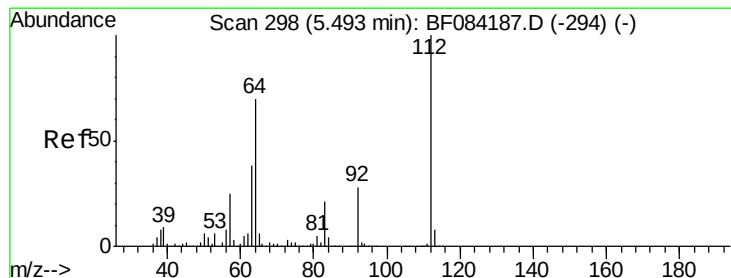
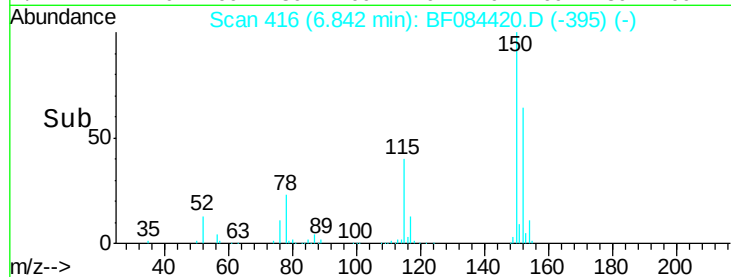
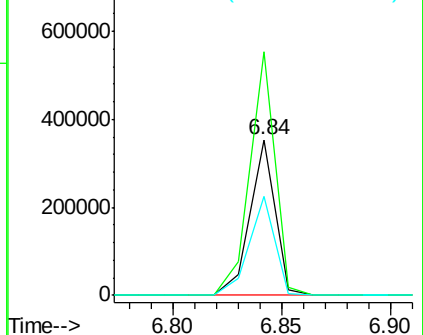
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF084420.D
Acq: 12 Jan 2016 19:57

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

Tgt Ion:152 Resp: 282515
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.4
115 63.4 51.4 77.2



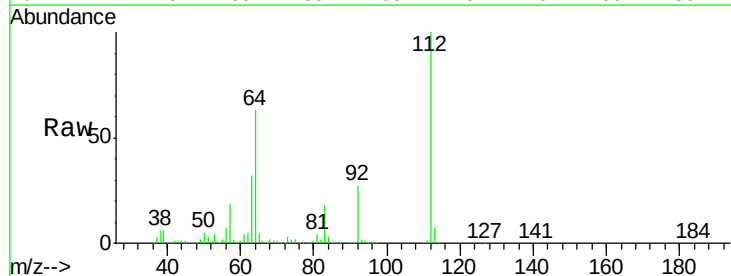
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



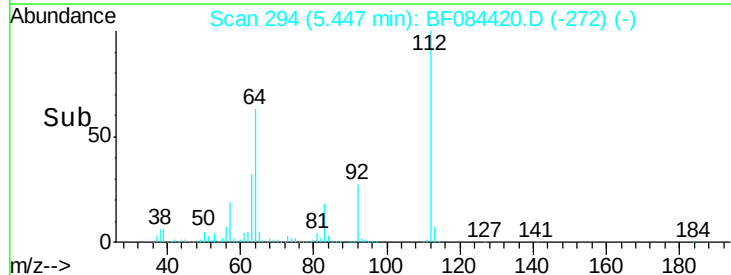
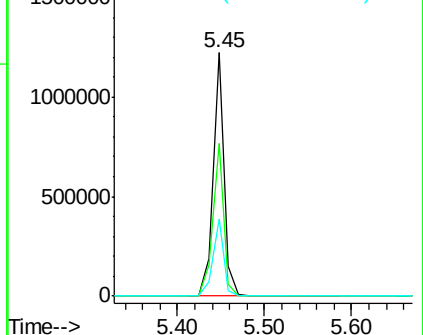
#5

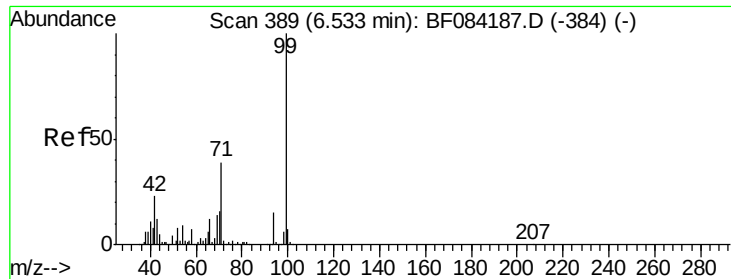
2-Fluorophenol
Concen: 61.77 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.04 min
Lab File: BF084420.D
Acq: 12 Jan 2016 19:57

Tgt Ion:112 Resp: 1078913
Ion Ratio Lower Upper
112 100
64 62.6 36.6 55.0#
63 31.9 19.4 29.0#



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: 37.31 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084420.D

Acq: 12 Jan 2016 19:57

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

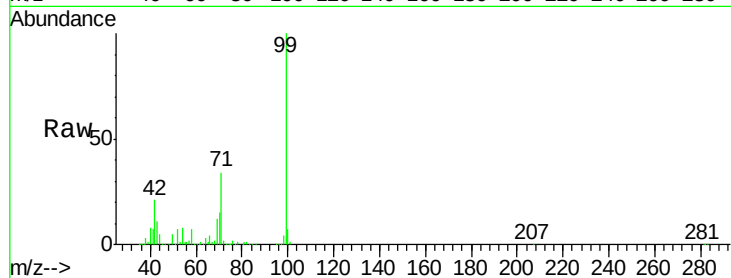
Tgt Ion: 99 Resp: 818400

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

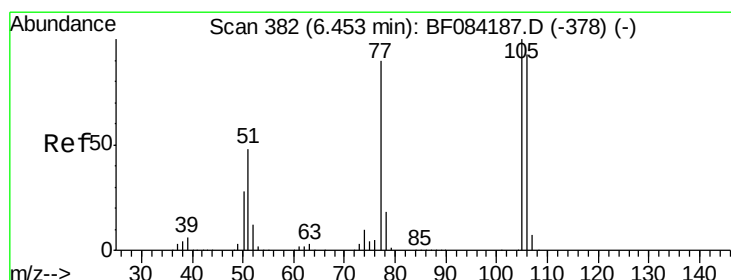
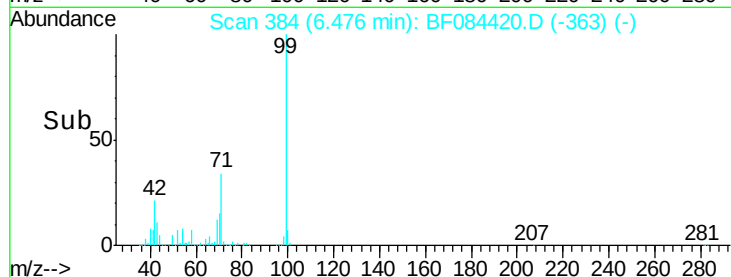
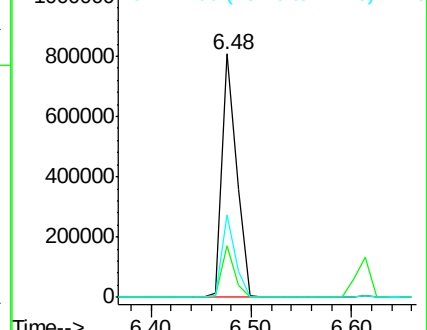
71 33.8 30.9 46.3



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: 3.01 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.16 min

Lab File: BF084420.D

Acq: 12 Jan 2016 19:57

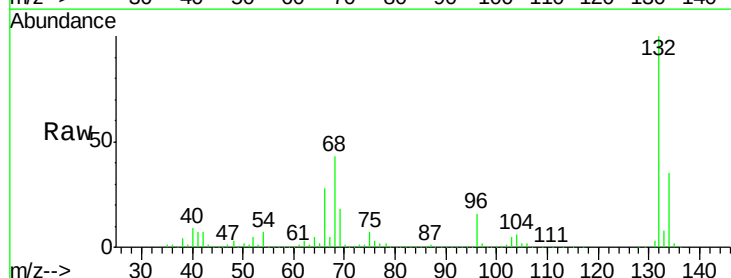
Tgt Ion: 77 Resp: 43063

Ion Ratio Lower Upper

77 100

105 81.3 83.0 123.0#

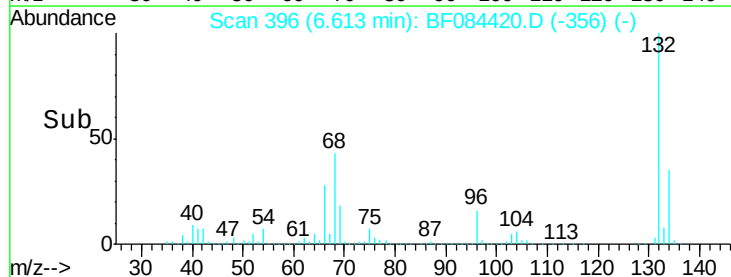
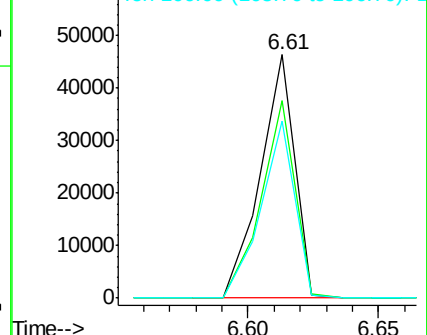
106 72.9 74.6 114.6#

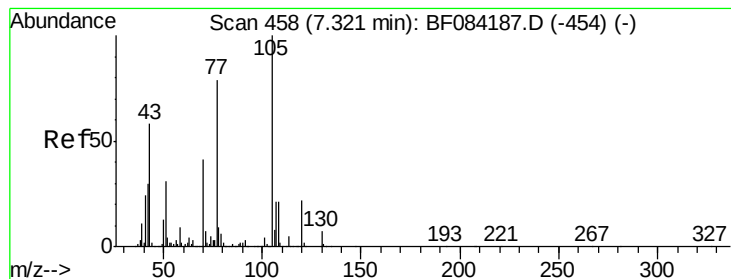


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 15.43 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.08 min

Lab File: BF084420.D

Acq: 12 Jan 2016 19:57

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

Tgt Ion: 70 Resp: 229153

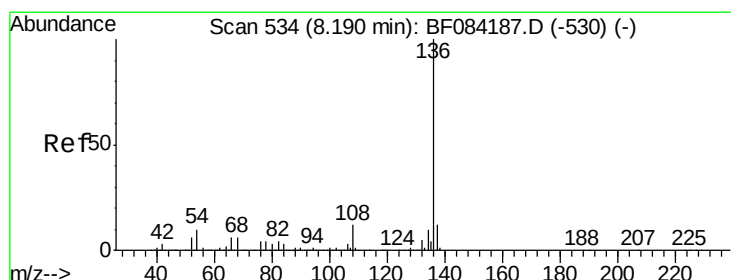
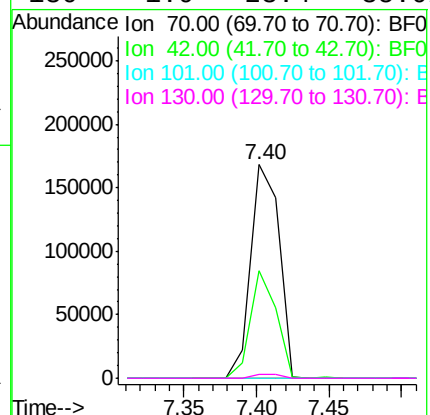
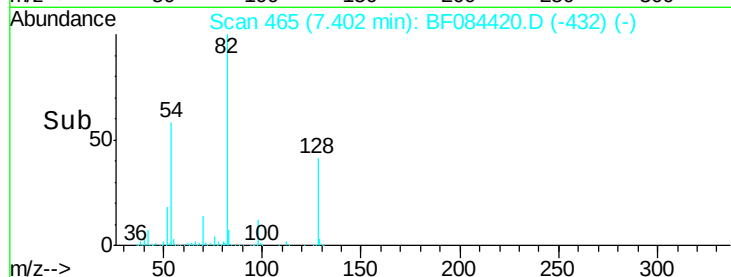
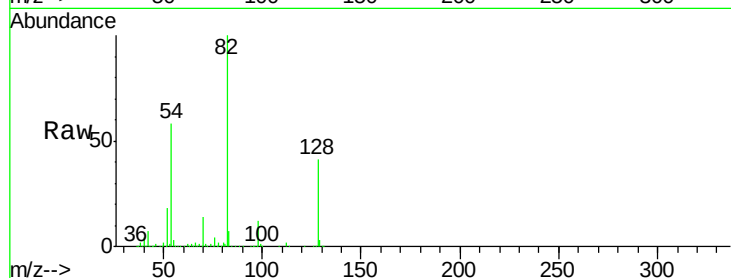
Ion Ratio Lower Upper

70 100

42 50.1 33.3 49.9#

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084420.D

Acq: 12 Jan 2016 19:57

Tgt Ion: 136 Resp: 1090331

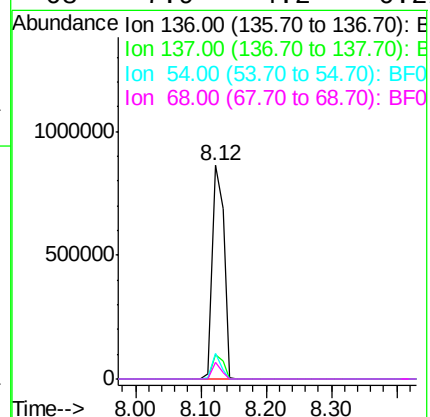
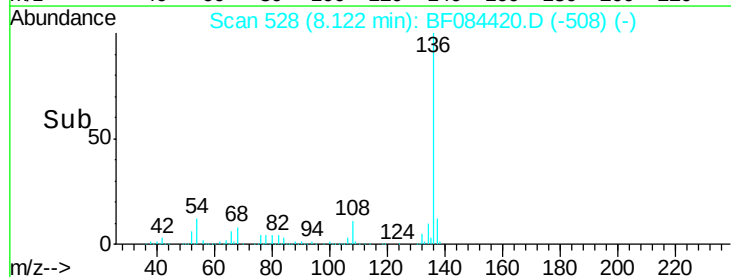
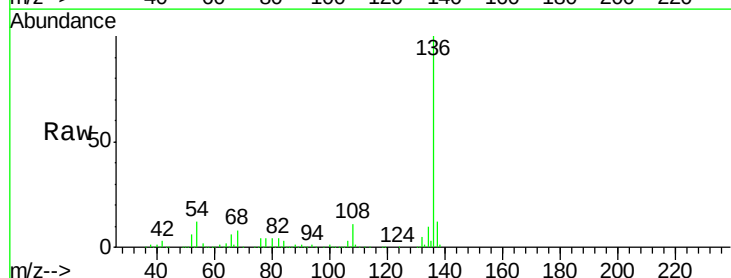
Ion Ratio Lower Upper

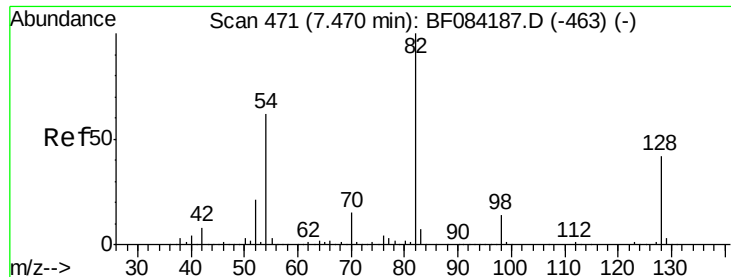
136 100

137 11.6 8.7 13.1

54 12.1 5.8 8.8#

68 7.9 4.2 6.2#

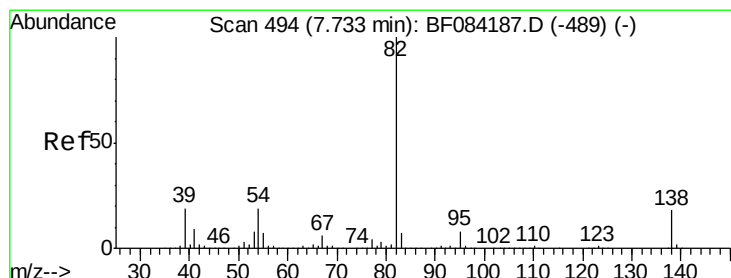
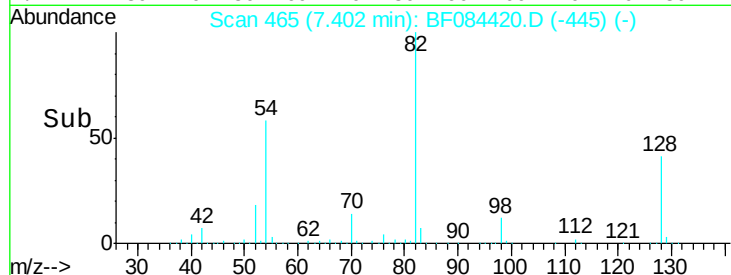
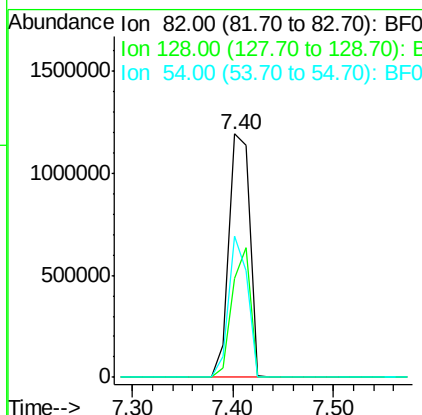
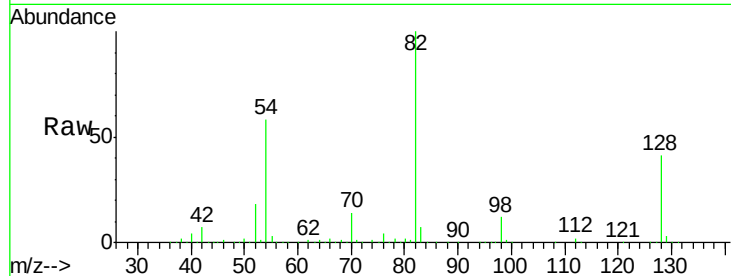




#23
 Nitrobenzene-d5
 Concen: 87.56 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF084420.D
 Acq: 12 Jan 2016 19:57

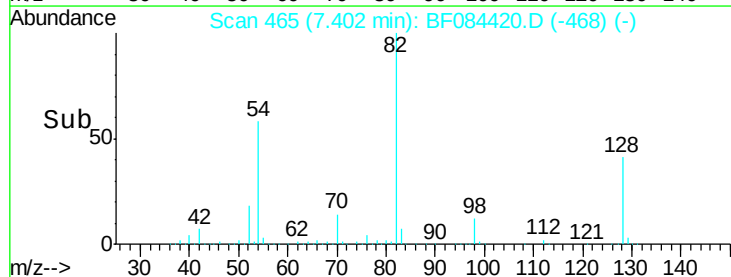
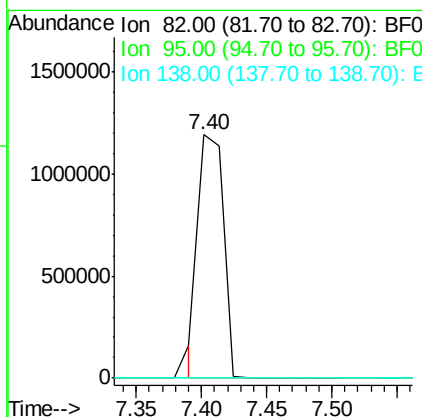
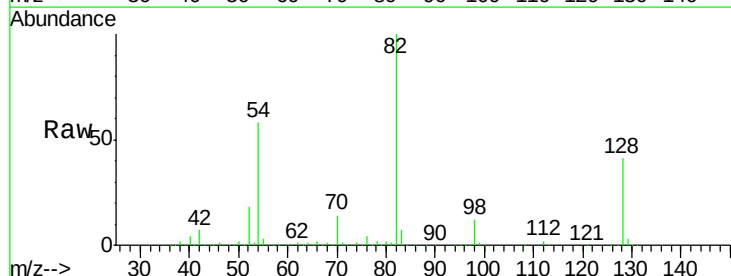
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

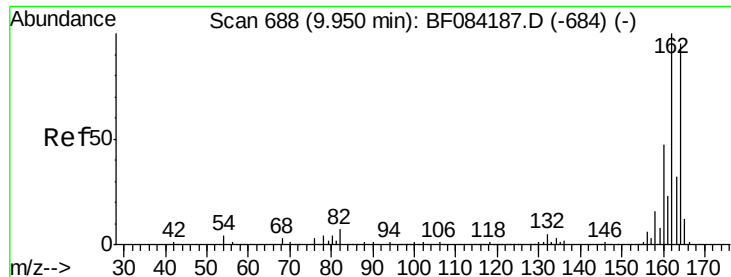
Tgt Ion: 82 Resp: 1715432
 Ion Ratio Lower Upper
 82 100
 128 40.6 34.6 51.8
 54 58.0 38.4 57.6#



#25
 Isophorone
 Concen: 42.74 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.33 min
 Lab File: BF084420.D
 Acq: 12 Jan 2016 19:57

Tgt Ion: 82 Resp: 1601343
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084420.D

Acq: 12 Jan 2016 19:57

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11M

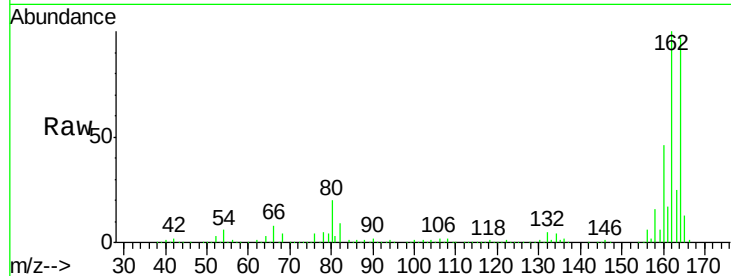
Tgt Ion:164 Resp: 530368

Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

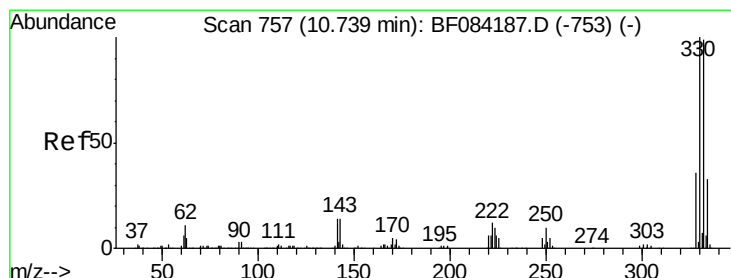
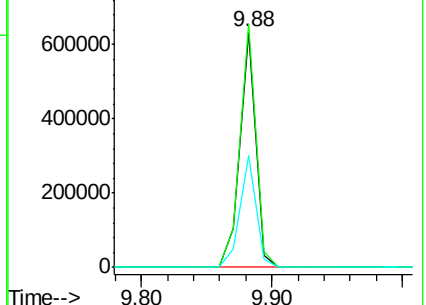
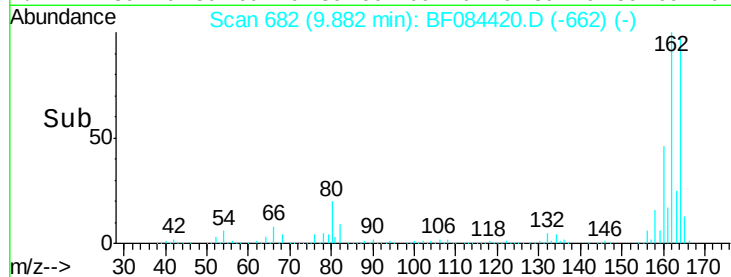
160 47.6 37.5 56.3



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: 109.34 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF084420.D

Acq: 12 Jan 2016 19:57

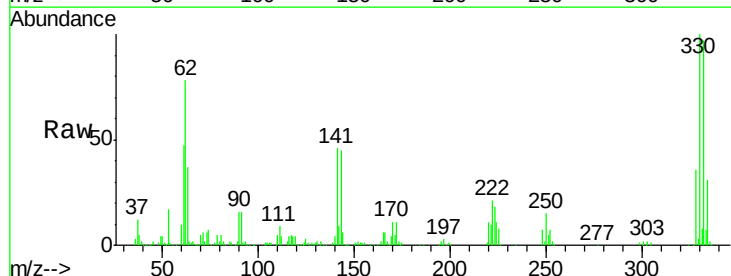
Tgt Ion:330 Resp: 585470

Ion Ratio Lower Upper

330 100

332 97.9 76.6 114.8

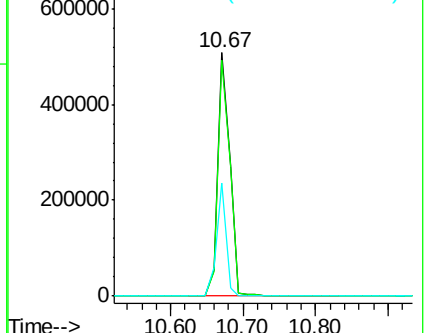
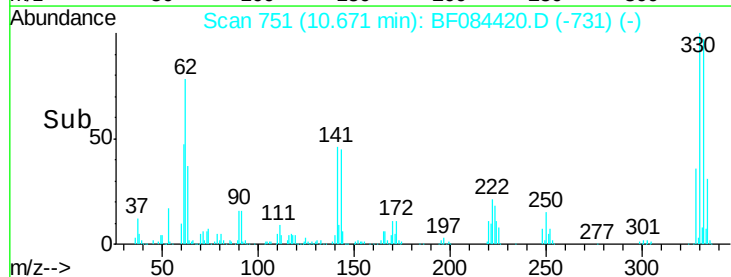
141 37.3 27.8 41.6

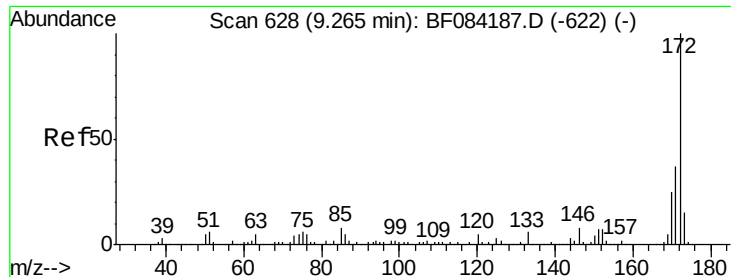


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

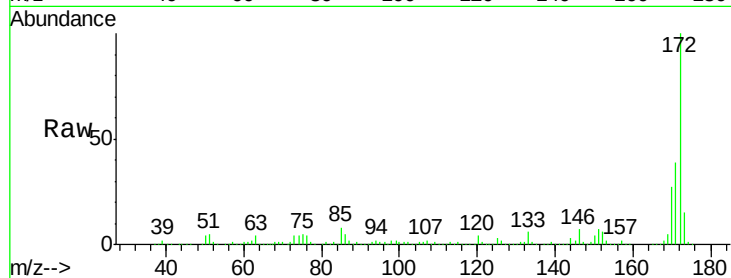




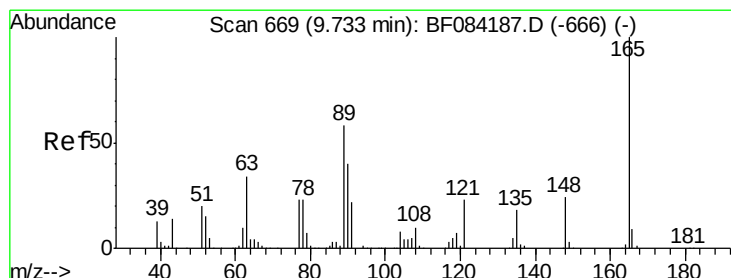
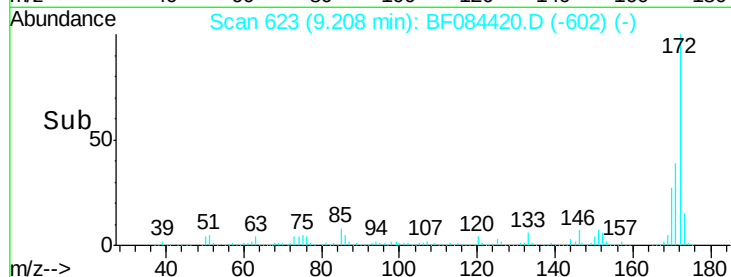
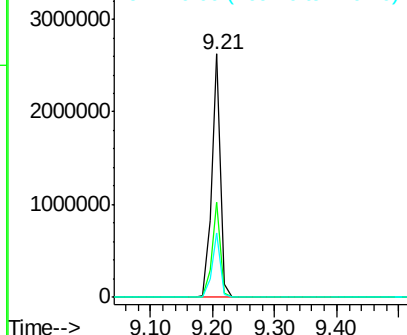
#44
 2-Fluorobiphenyl
 Concen: 82.79 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084420.D
 Acq: 12 Jan 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

Tgt Ion:172 Resp: 2500988
 Ion Ratio Lower Upper
 172 100
 171 38.9 28.9 43.3
 170 26.6 18.6 27.8

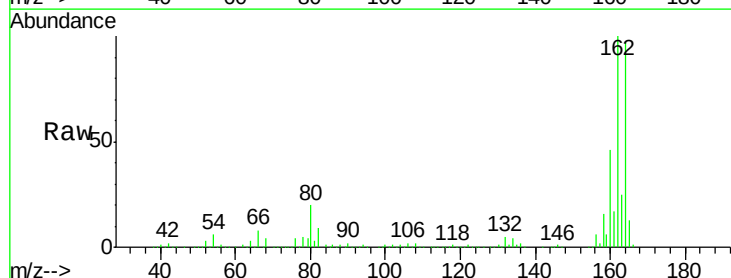


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

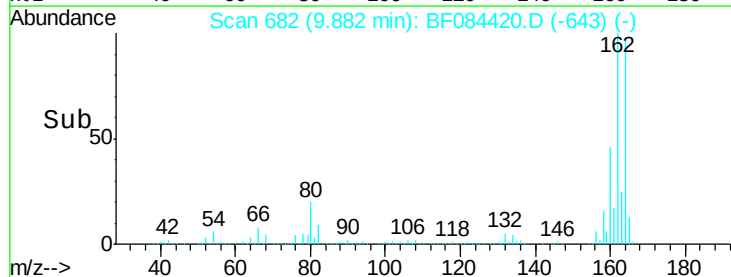
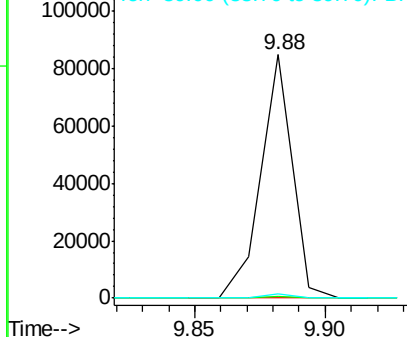


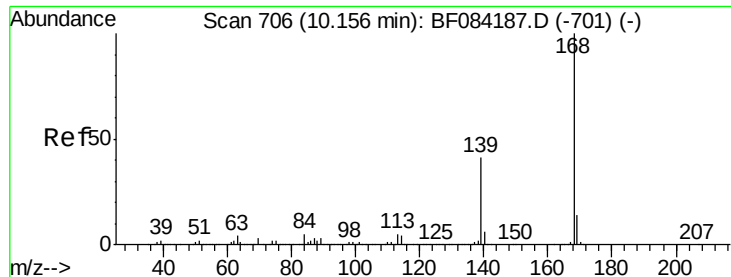
#50
 2,6-Dinitrotoluene
 Concen: 8.52 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.15 min
 Lab File: BF084420.D
 Acq: 12 Jan 2016 19:57

Tgt Ion:165 Resp: 70854
 Ion Ratio Lower Upper
 165 100
 63 0.9 28.8 43.2#
 89 1.5 35.1 52.7#



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

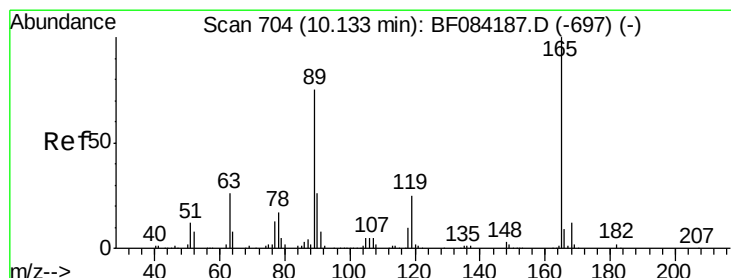
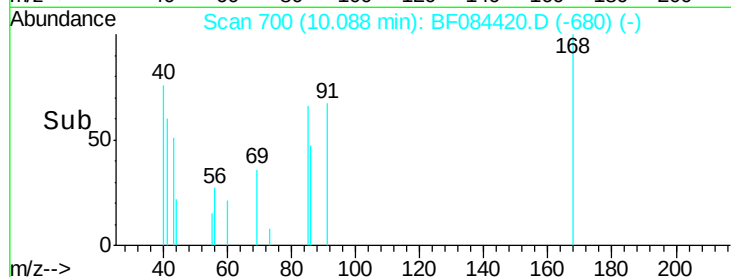
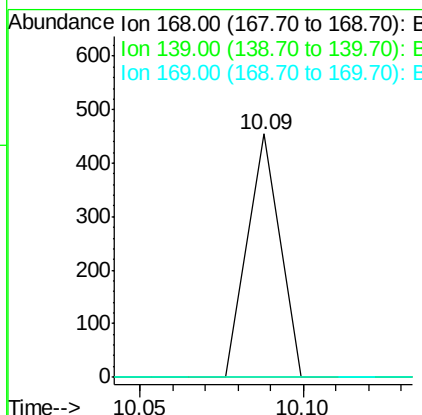
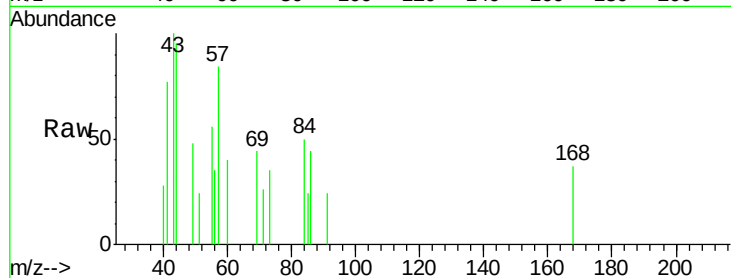




#54
Dibenzofuran
Concen: Below Cal
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084420.D
Acq: 12 Jan 2016 19:57

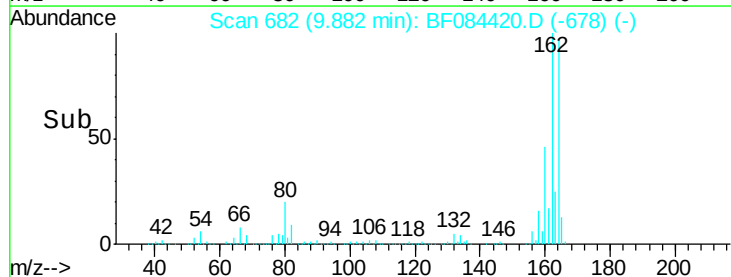
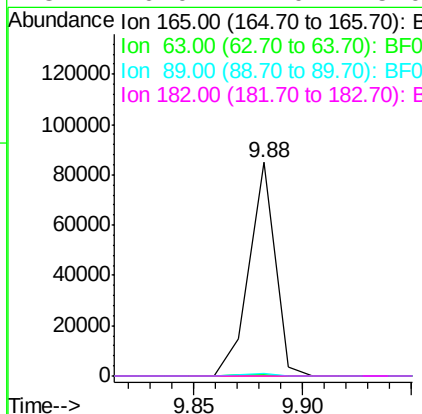
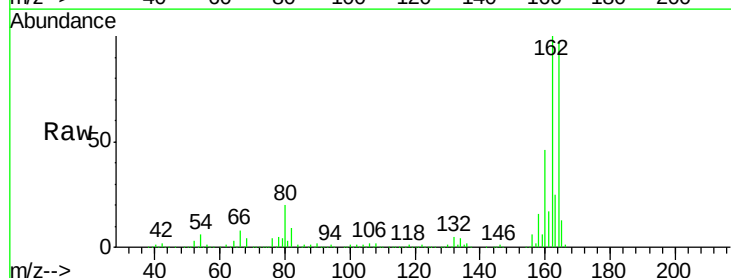
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11M

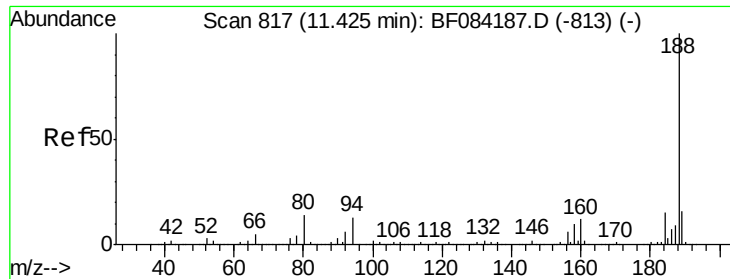
Tgt Ion:168 Resp: 312
Ion Ratio Lower Upper
168 100
139 0.0 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.73 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF084420.D
Acq: 12 Jan 2016 19:57

Tgt Ion:165 Resp: 70858
Ion Ratio Lower Upper
165 100
63 0.9 36.7 55.1#
89 1.5 61.9 92.9#
182 0.0 2.0 3.0#

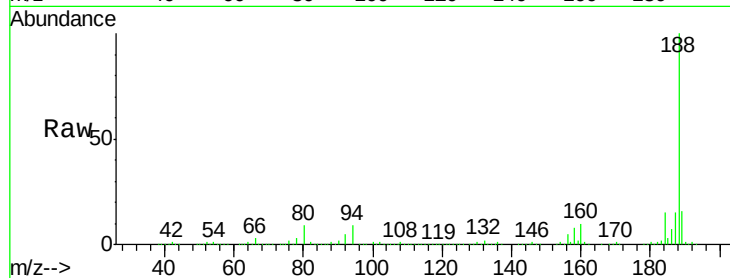




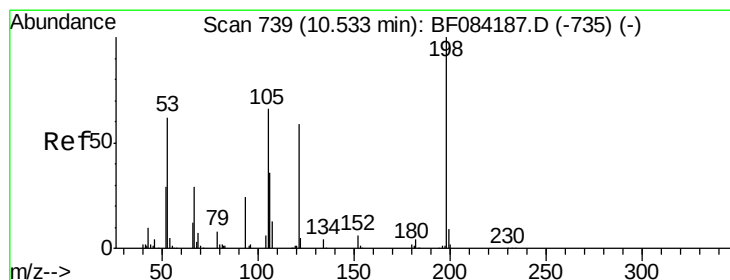
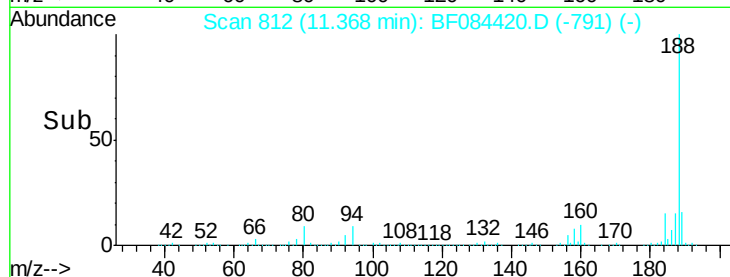
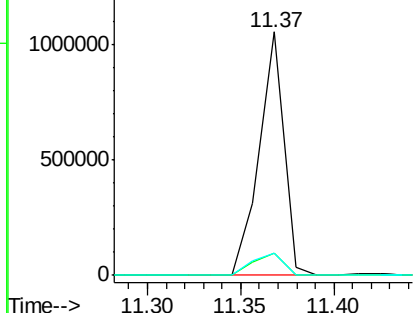
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF084420.D
 Acq: 12 Jan 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

Tgt Ion:188 Resp: 962613
 Ion Ratio Lower Upper
 188 100
 94 8.9 9.0 13.4#
 80 9.1 9.6 14.4#

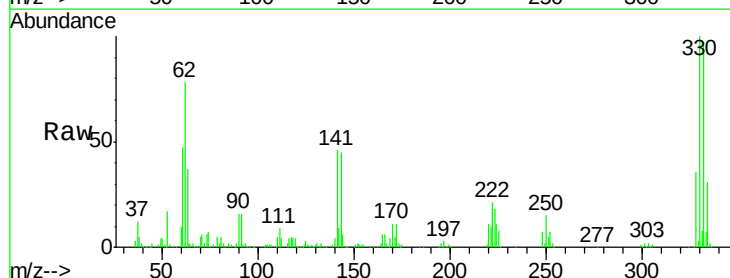


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

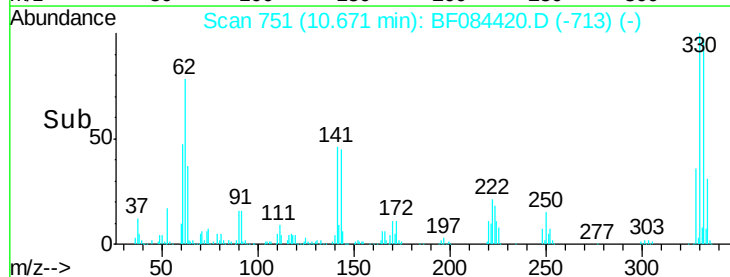
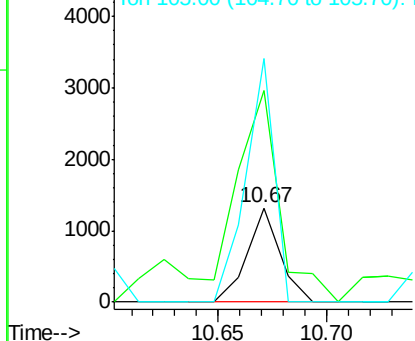


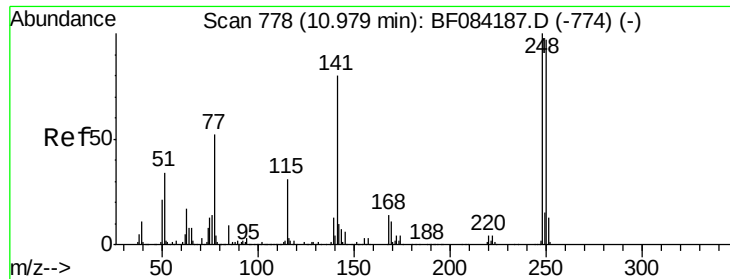
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.60 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.14 min
 Lab File: BF084420.D
 Acq: 12 Jan 2016 19:57

Tgt Ion:198 Resp: 1389
 Ion Ratio Lower Upper
 198 100
 51 223.5 18.9 58.9#
 105 257.8 26.4 66.4#



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

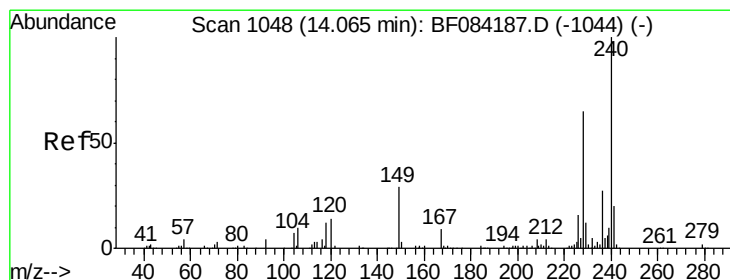
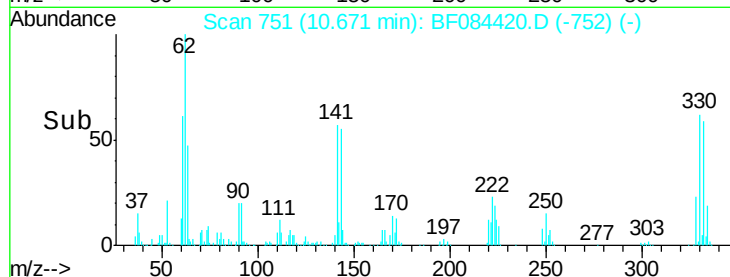
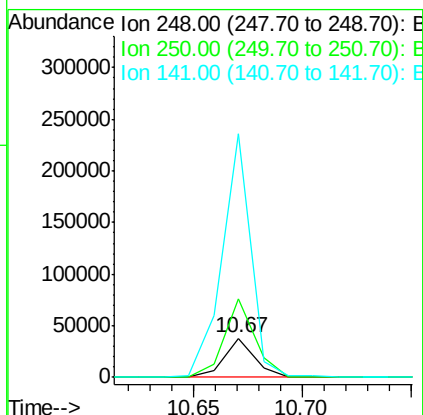
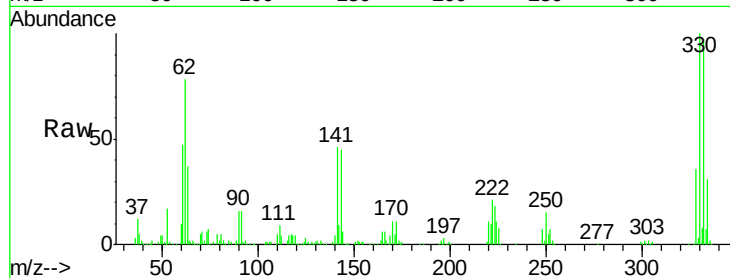




#66
 4-Bromophenyl-phenylether
 Concen: 3.53 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.31 min
 Lab File: BF084420.D
 Acq: 12 Jan 2016 19:57

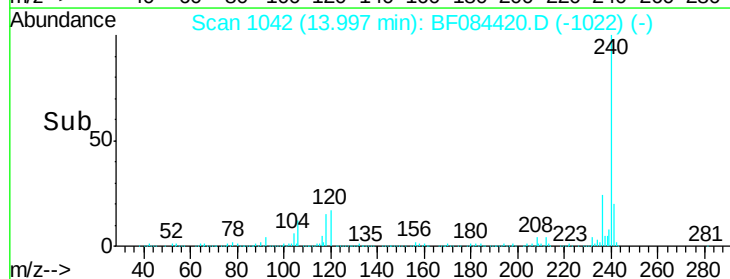
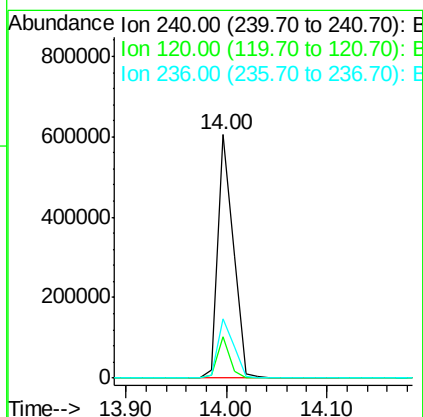
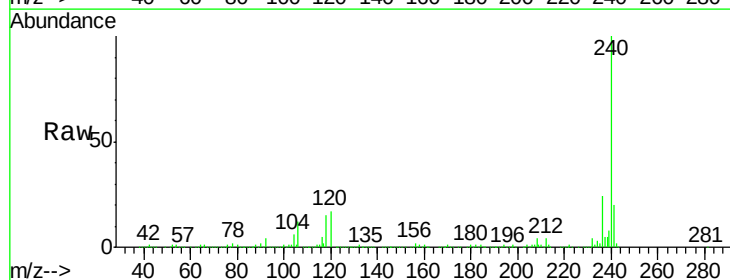
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

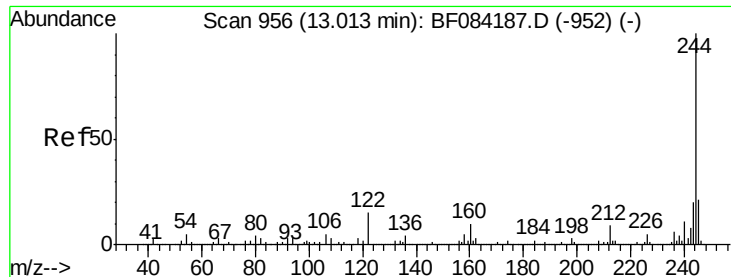
Tgt Ion: 248 Resp: 36619
 Ion Ratio Lower Upper
 248 100
 250 201.1 78.4 117.6#
 141 627.5 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.07 min
 Lab File: BF084420.D
 Acq: 12 Jan 2016 19:57

Tgt Ion: 240 Resp: 654727
 Ion Ratio Lower Upper
 240 100
 120 17.0 9.5 14.3#
 236 24.5 20.6 31.0

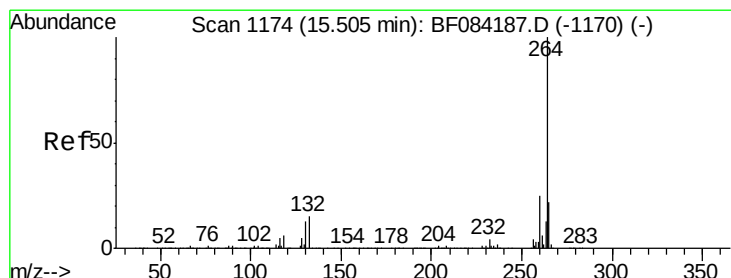
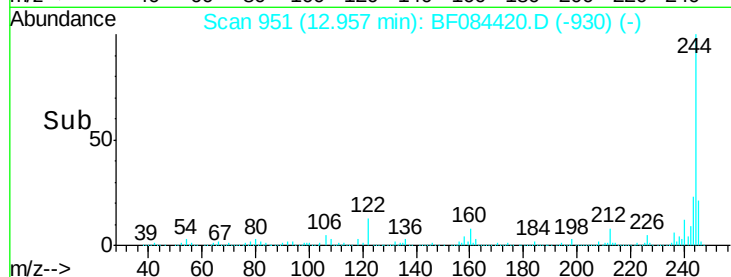
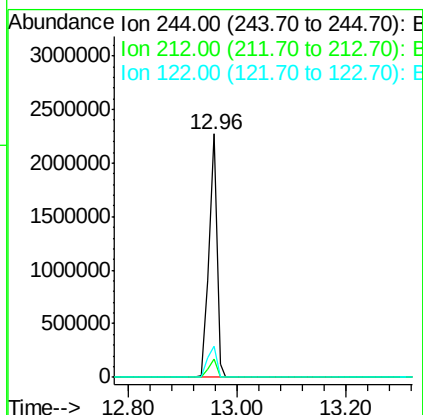
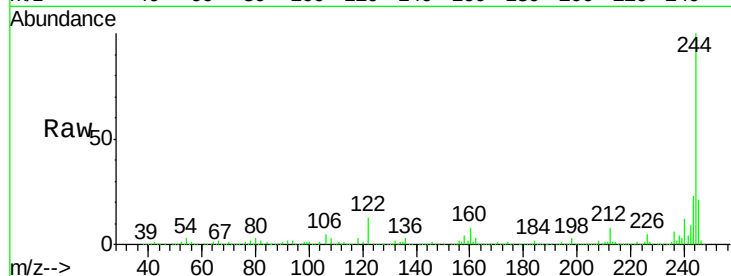




#78
 Terphenyl-d14
 Concen: 77.92 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084420.D
 Acq: 12 Jan 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11M

Tgt Ion:244 Resp: 2285558
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 12.8 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084420.D
 Acq: 12 Jan 2016 19:57

Tgt Ion:264 Resp: 500220
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.0 17.8 26.6

