

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086372.D
 Acq On : 23 Apr 2016 5:50
 Operator : UM/SJ
 Sample : H2634-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Apr 25 00:42:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

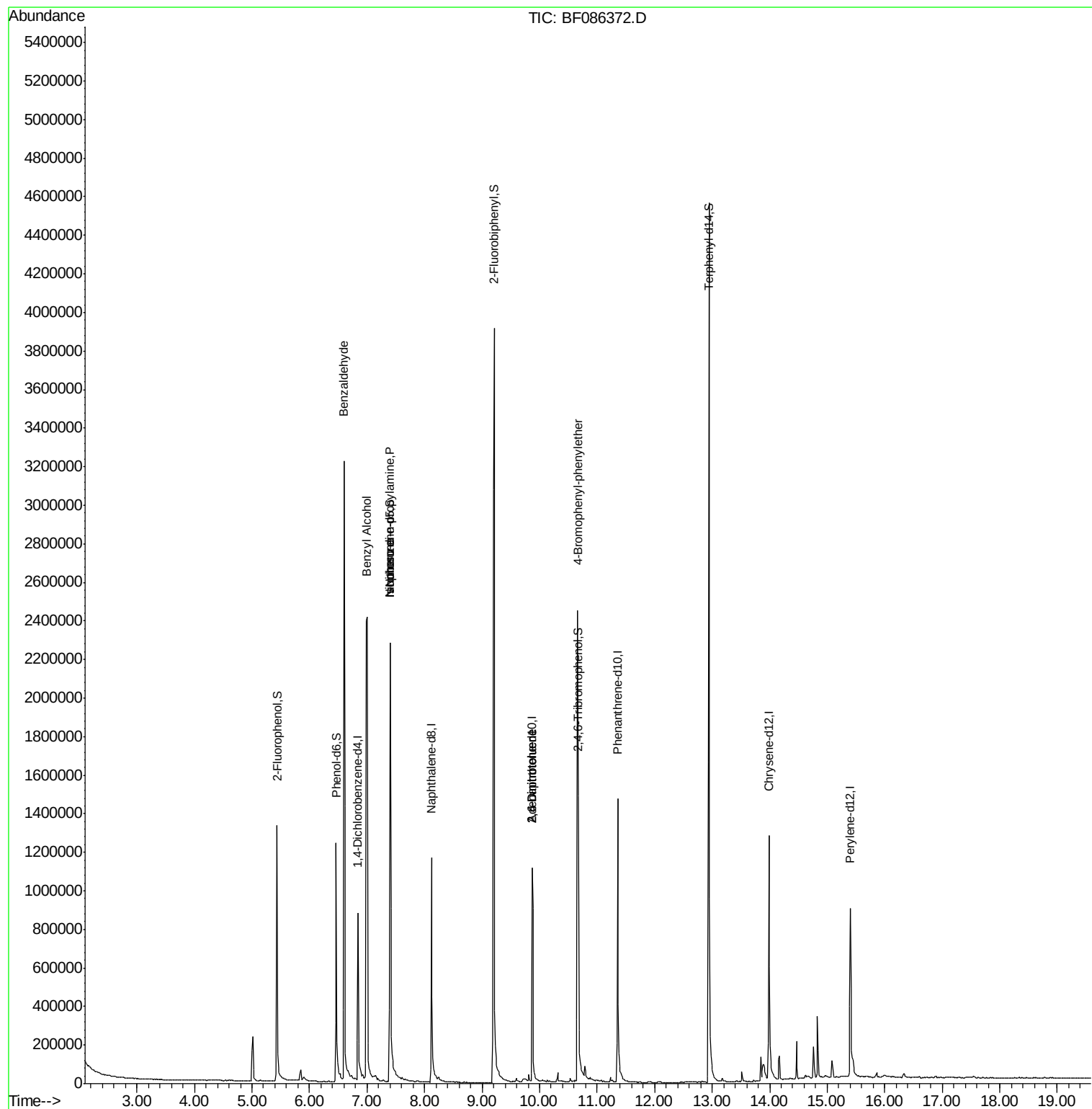
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174270	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	758637	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	347295	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	717149	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	613460	20.00	ng	-0.01
86) Perylene-d12	15.40	264	520967	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	655264	64.93	ng	0.01
7) Phenol-d6	6.46	99	584423	42.60	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1074229	83.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	434294	138.14	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2004761	98.51	ng	0.00
78) Terphenyl-d14	12.95	244	1728969	70.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	23495	2.82	ng	# 74
15) Benzyl Alcohol	6.99	79	17849	2.19	ng	# 46
19) n-Nitroso-di-n-propylamine	7.40	70	134677	16.43	ng	# 84
25) Isophorone	7.40	82	1064982	42.43	ng	# 68
50) 2,6-Dinitrotoluene	9.87	165	41512	7.66	ng	# 20
56) 2,4-Dinitrotoluene	9.87	165	43726	6.08	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	27284	3.89	ng	# 1

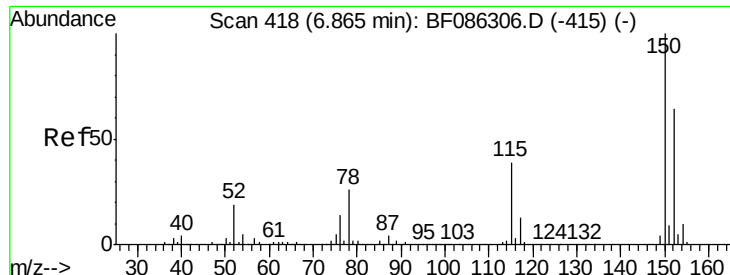
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086372.D
Acq On : 23 Apr 2016 5:50
Operator : UM/SJ
Sample : H2634-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14

Quant Time: Apr 25 00:42:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086372.D

Acq: 23 Apr 2016 5:50

Instrument :

BNA_F

ClientSampleId :

MW-14

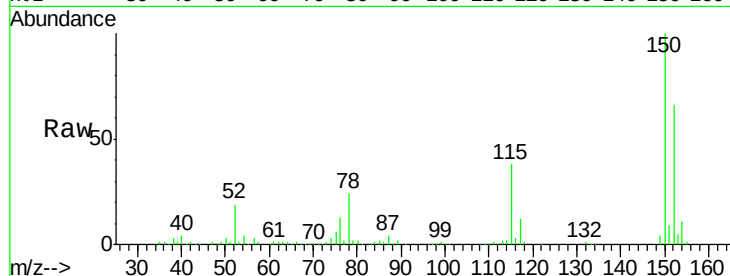
Tgt Ion:152 Resp: 174270

Ion Ratio Lower Upper

152 100

150 151.3 125.8 188.6

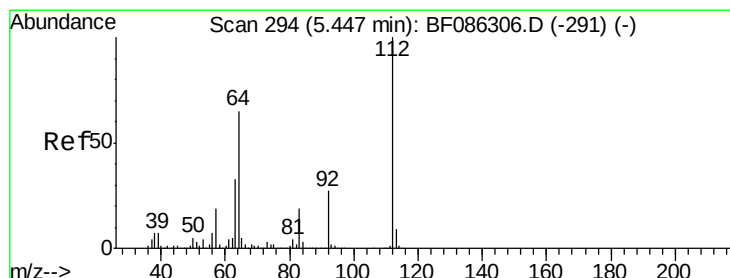
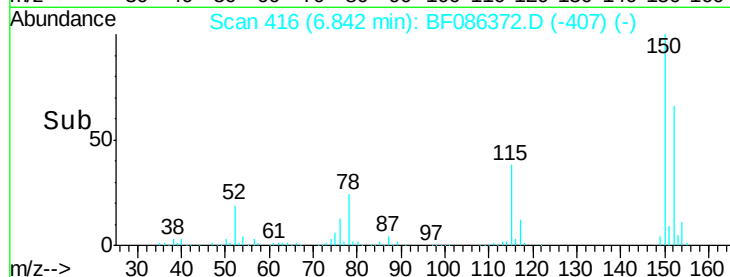
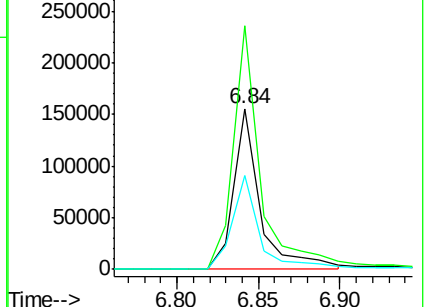
115 58.0 51.5 77.3



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: 64.93 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086372.D

Acq: 23 Apr 2016 5:50

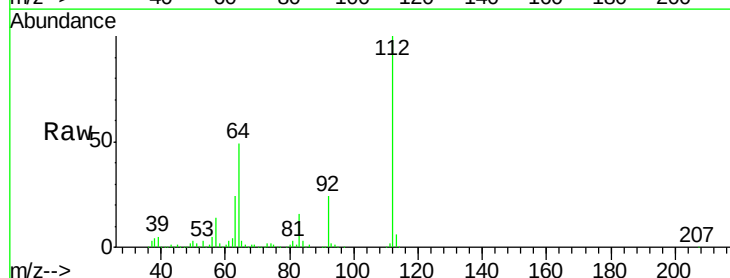
Tgt Ion:112 Resp: 655264

Ion Ratio Lower Upper

112 100

64 48.9 52.1 78.1#

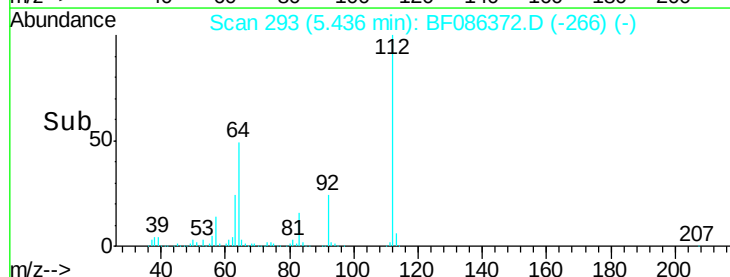
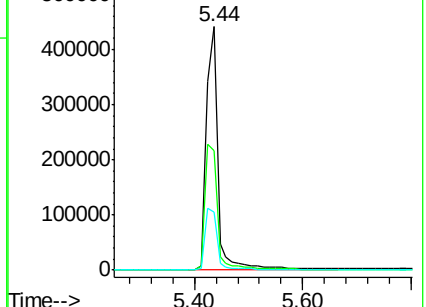
63 24.0 25.7 38.5#

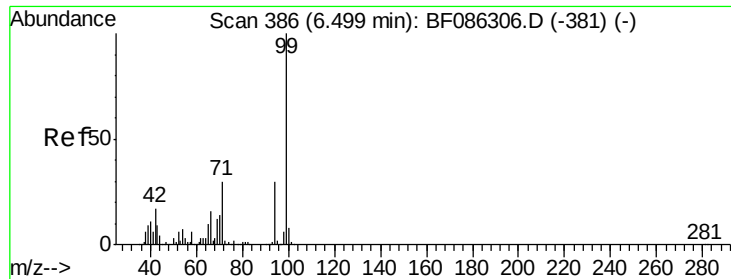


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.60 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086372.D

Acq: 23 Apr 2016 5:50

Instrument :

BNA_F

ClientSampleId :

MW-14

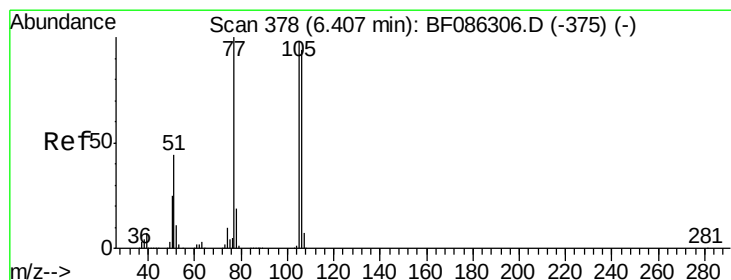
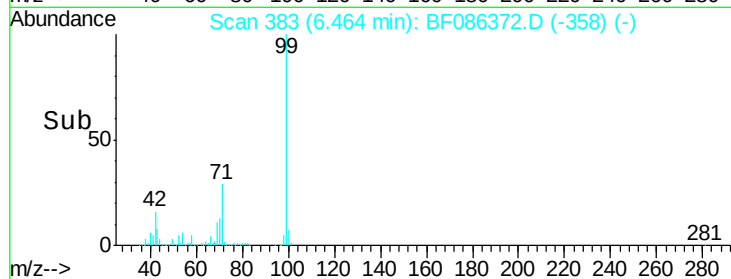
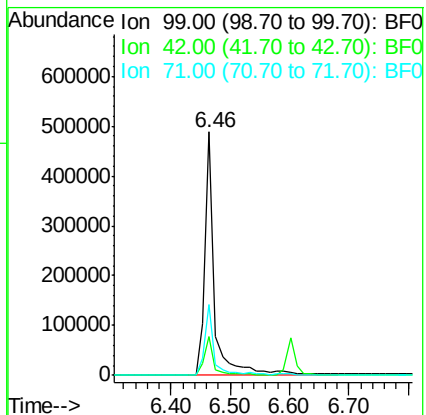
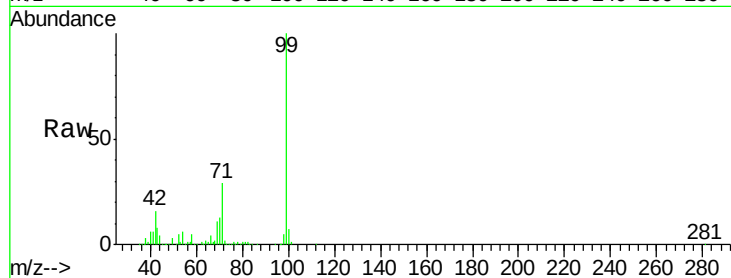
Tgt Ion: 99 Resp: 584423

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

71 28.9 24.6 36.8



#9

Benzaldehyde

Concen: 2.82 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.22 min

Lab File: BF086372.D

Acq: 23 Apr 2016 5:50

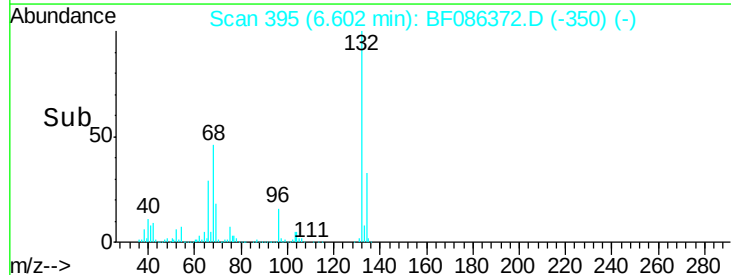
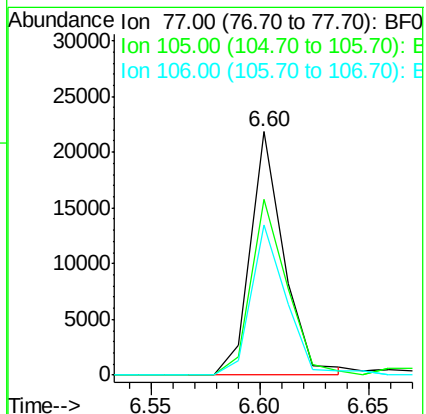
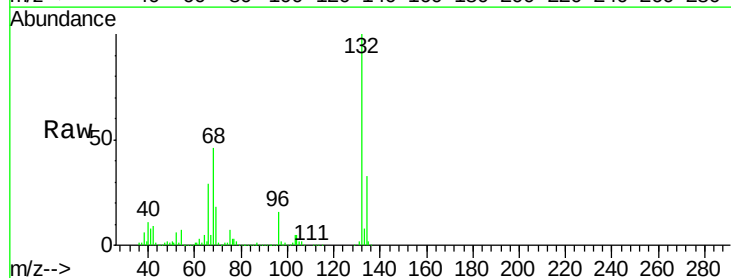
Tgt Ion: 77 Resp: 23495

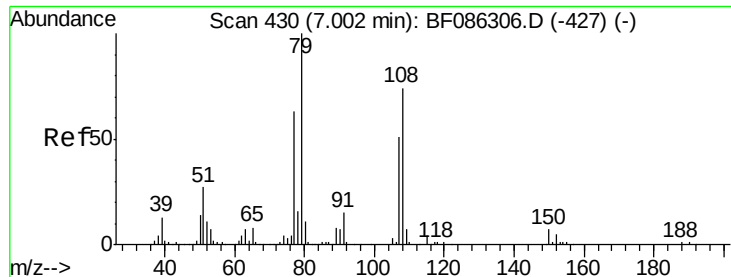
Ion Ratio Lower Upper

77 100

105 72.1 72.7 112.7#

106 61.9 70.8 110.8#





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086372.D

Acq: 23 Apr 2016 5:50

Instrument :

BNA_F

ClientSampleId :

MW-14

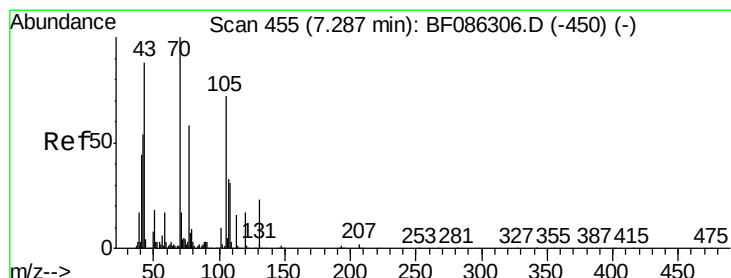
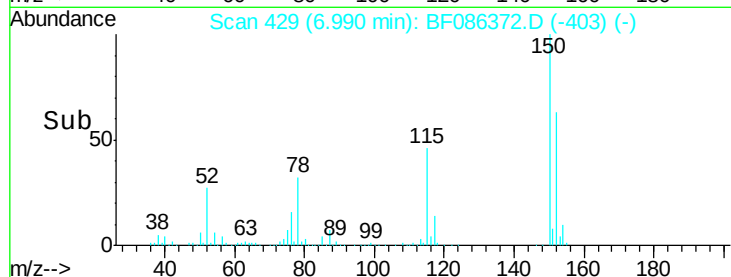
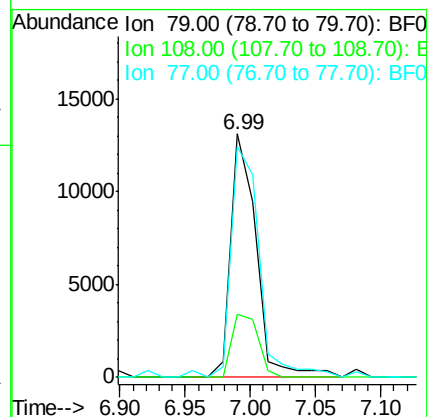
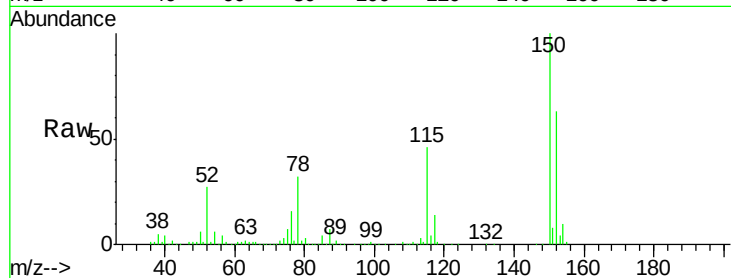
Tgt Ion: 79 Resp: 17849

Ion Ratio Lower Upper

79 100

108 26.1 68.4 102.6#

77 94.6 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 16.43 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.14 min

Lab File: BF086372.D

Acq: 23 Apr 2016 5:50

Tgt Ion: 70 Resp: 134677

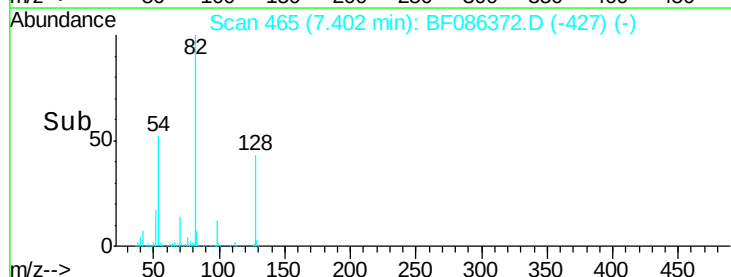
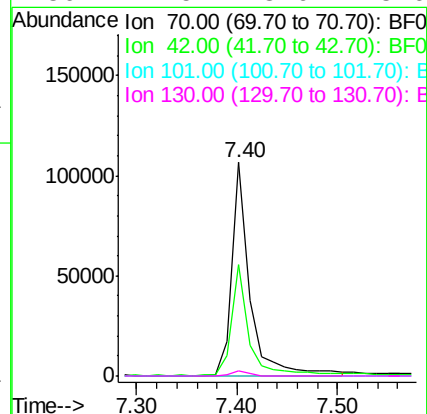
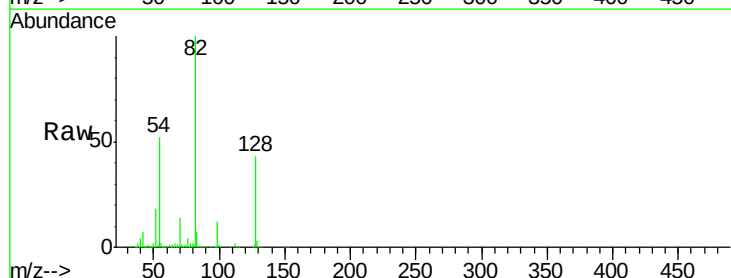
Ion Ratio Lower Upper

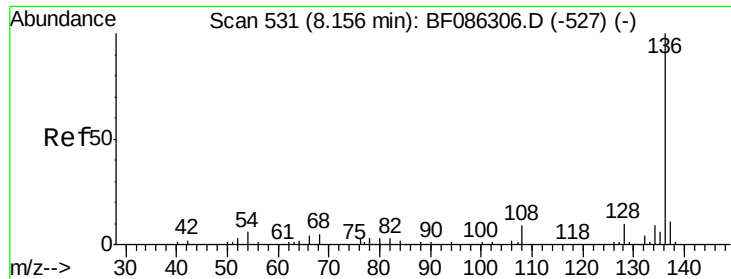
70 100

42 52.1 43.1 64.7

101 0.0 8.1 12.1#

130 2.5 18.6 28.0#

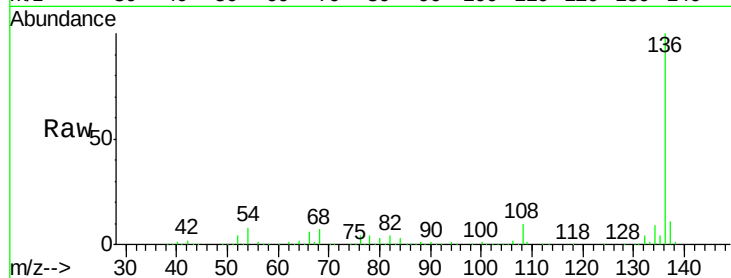




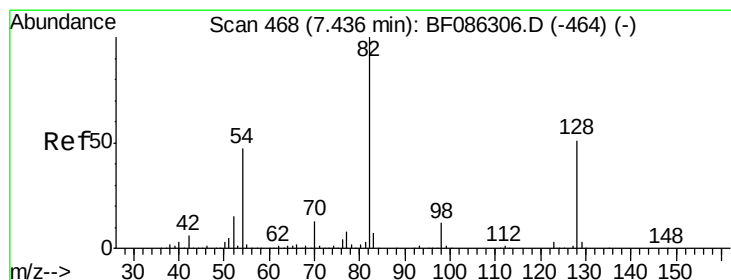
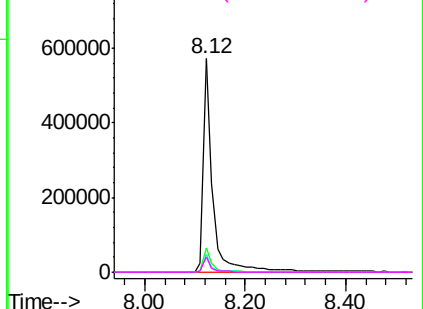
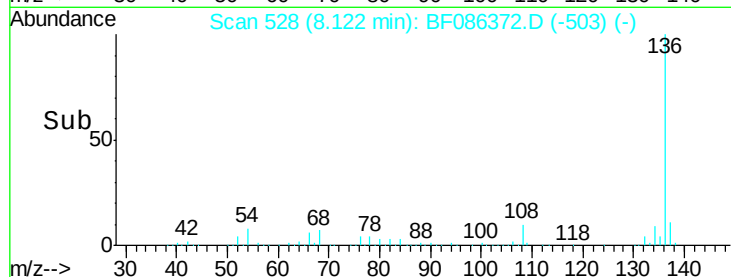
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086372.D
Acq: 23 Apr 2016 5:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:	136	Resp:	758637
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.4	5.0	7.4#
68	7.0	4.4	6.6#

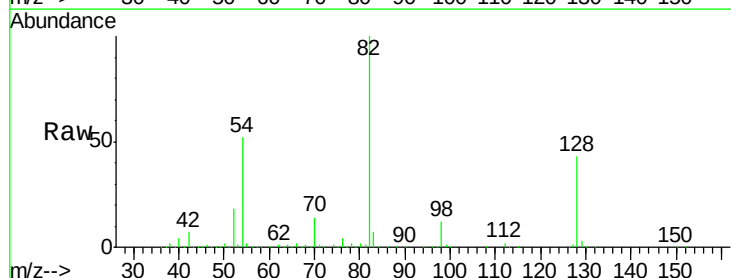


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

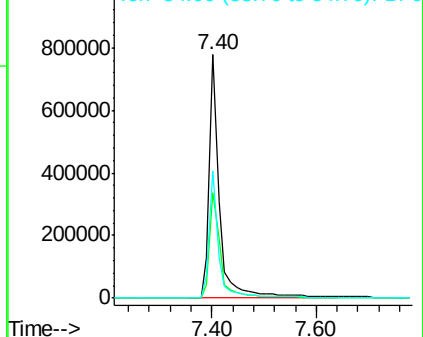
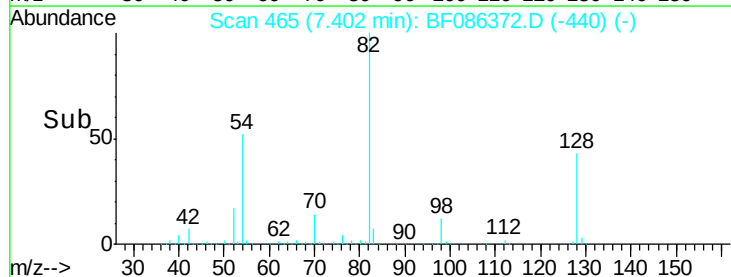


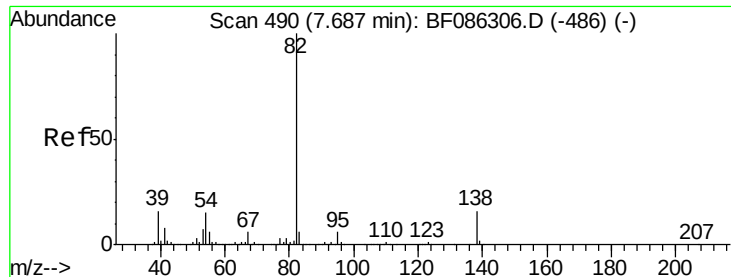
#23
Nitrobenzene-d5
Concen: 83.88 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086372.D
Acq: 23 Apr 2016 5:50

Tgt Ion:	82	Resp:	1074229
Ion	Ratio	Lower	Upper
82	100		
128	43.3	40.6	61.0
54	52.3	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: 42.43 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF086372.D

Acq: 23 Apr 2016 5:50

Instrument :

BNA_F

ClientSampleId :

MW-14

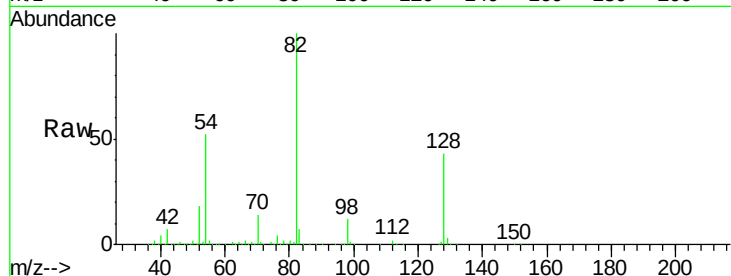
Tgt Ion: 82 Resp: 1064982

Ion Ratio Lower Upper

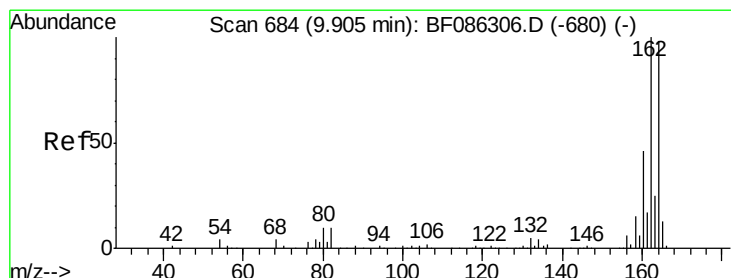
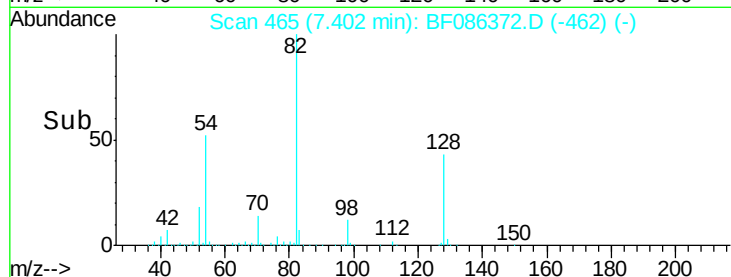
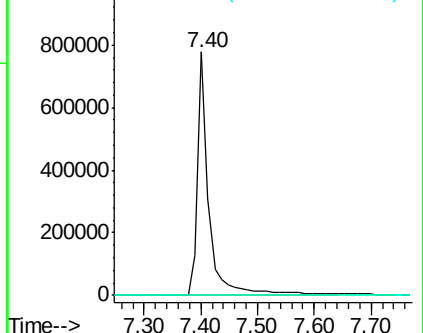
82 100

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: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086372.D

Acq: 23 Apr 2016 5:50

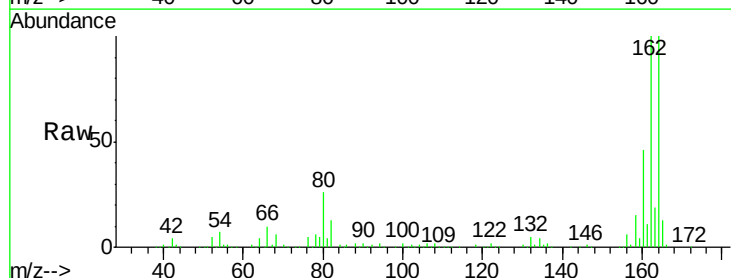
Tgt Ion: 164 Resp: 347295

Ion Ratio Lower Upper

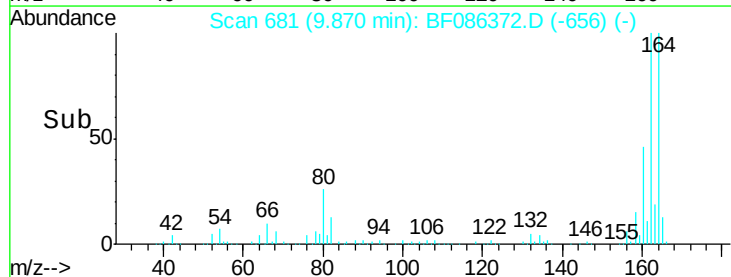
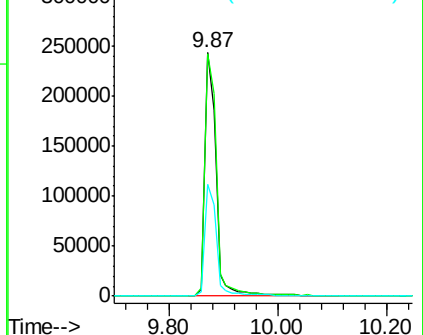
164 100

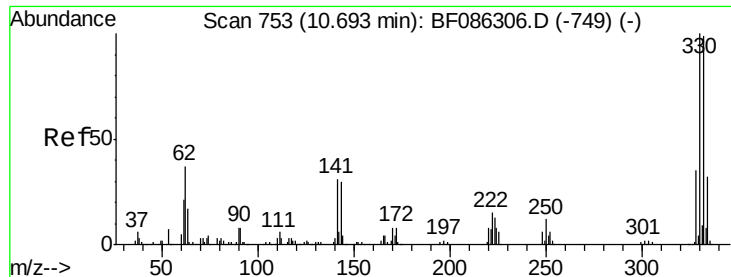
162 99.6 82.8 124.2

160 46.2 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

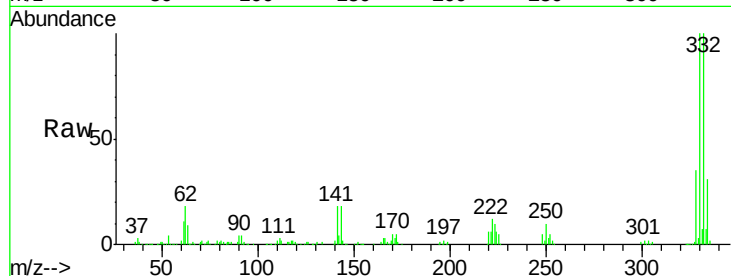




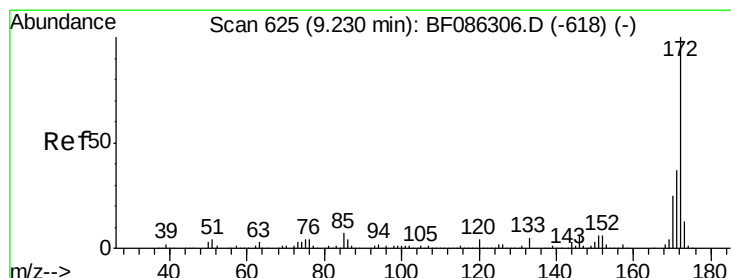
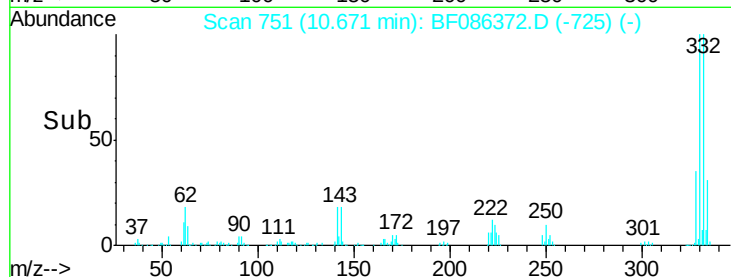
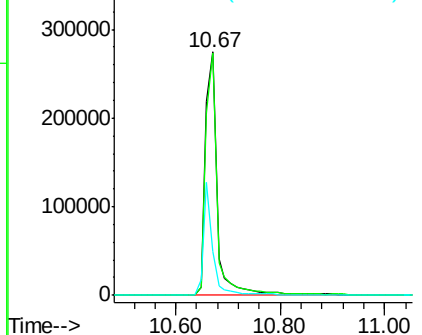
#41
 2,4,6-Tribromophenol
 Concen: 138.14 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086372.D
 Acq: 23 Apr 2016 5:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	37.7	31.2	46.8

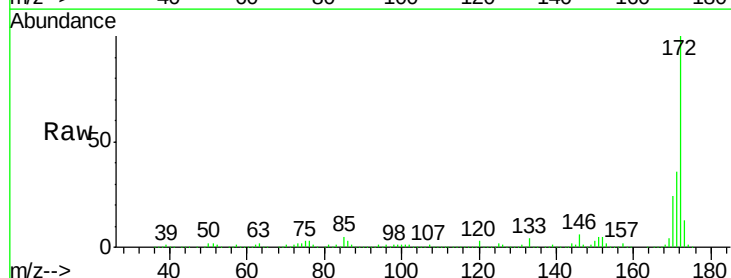


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

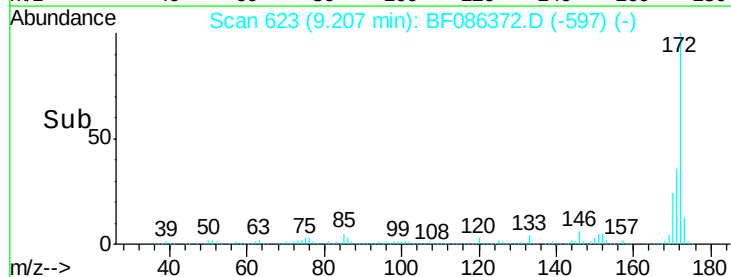
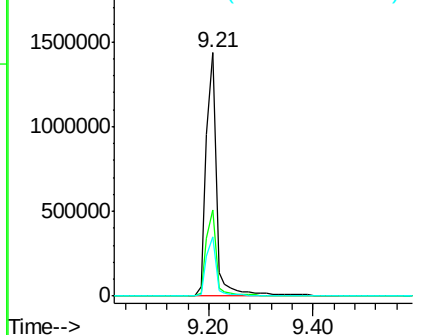


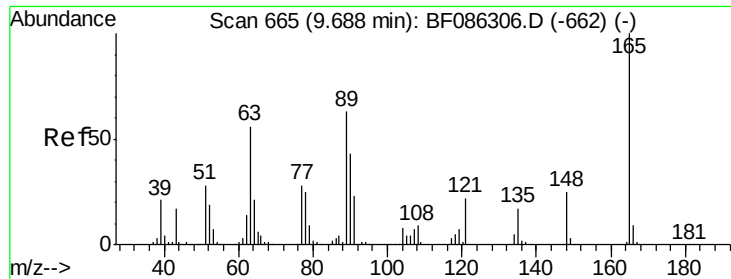
#44
 2-Fluorobiphenyl
 Concen: 98.51 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086372.D
 Acq: 23 Apr 2016 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.2	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

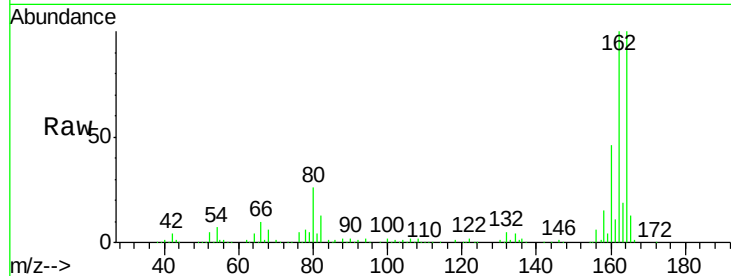




#50
 2,6-Dinitrotoluene
 Concen: 7.66 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF086372.D
 Acq: 23 Apr 2016 5:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

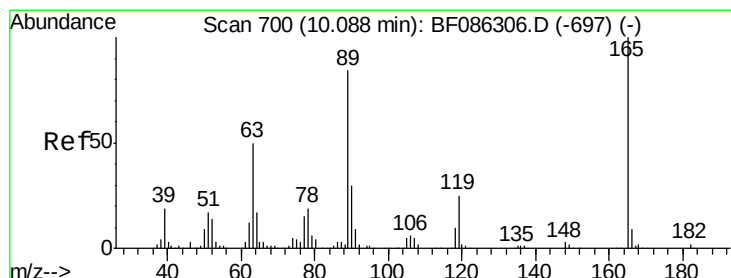
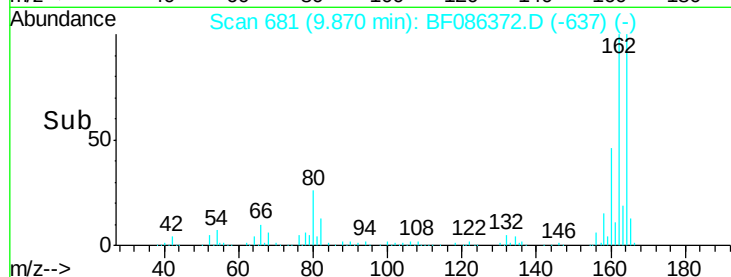
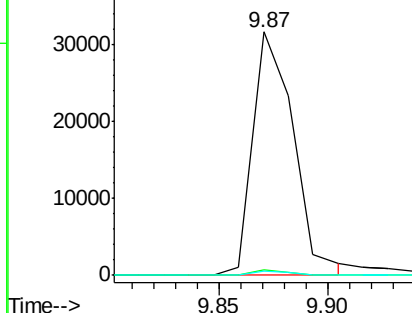
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	51.8	77.8#
89	1.5	50.7	76.1#



Abundance Ion 165.00 (164.70 to 165.70): E

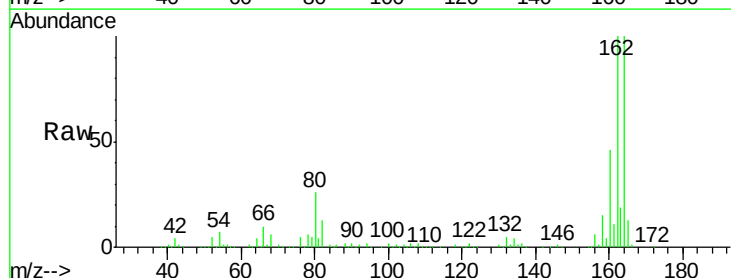
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF086372.D
 Acq: 23 Apr 2016 5:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	1.5	70.0	105.0#
182	0.0	1.8	2.6#

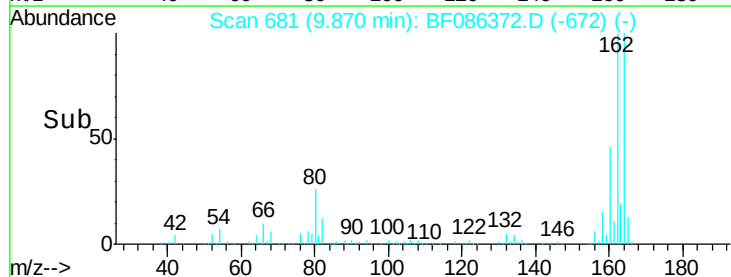
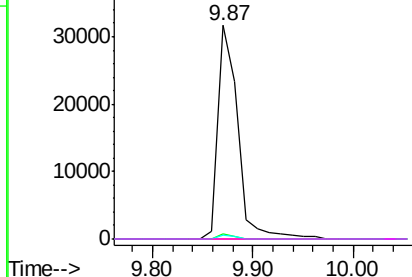


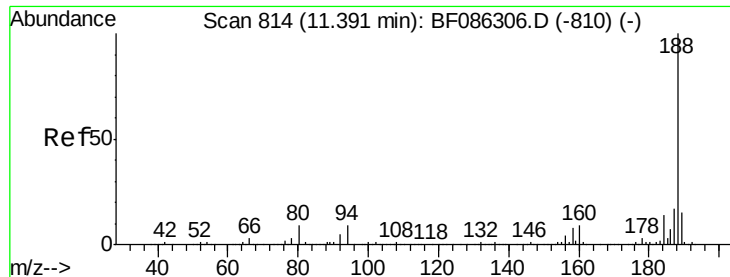
Abundance Ion 165.00 (164.70 to 165.70): E

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

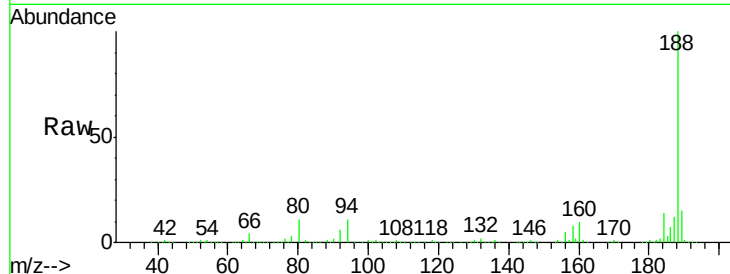




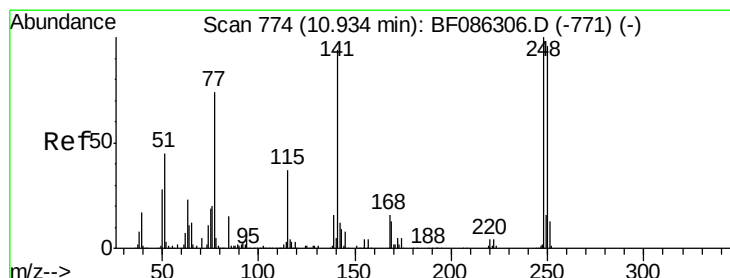
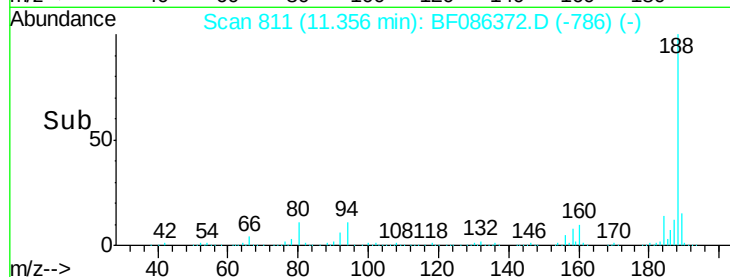
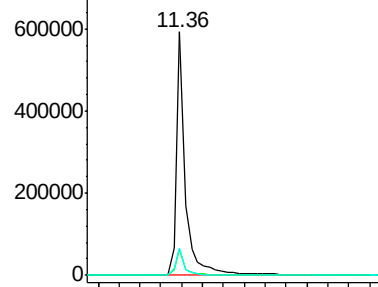
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086372.D
 Acq: 23 Apr 2016 5:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tgt Ion:188 Resp: 717149
 Ion Ratio Lower Upper
 188 100
 94 10.6 6.8 10.2#
 80 11.2 7.1 10.7#

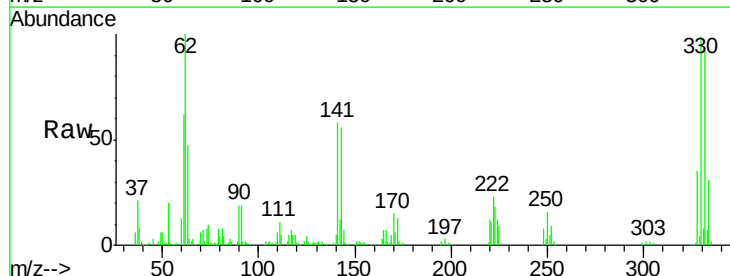


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

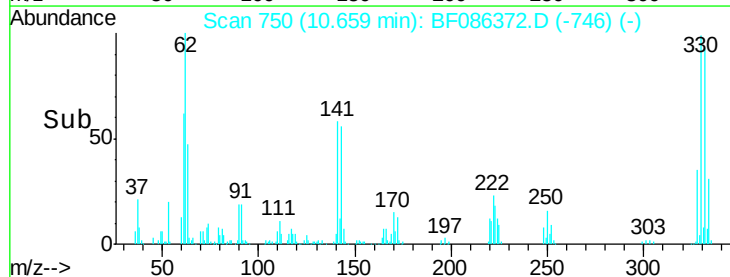
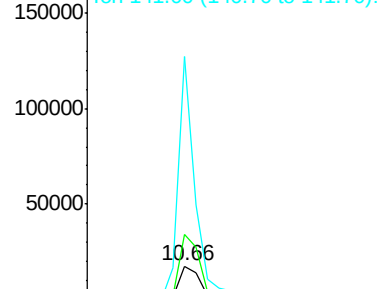


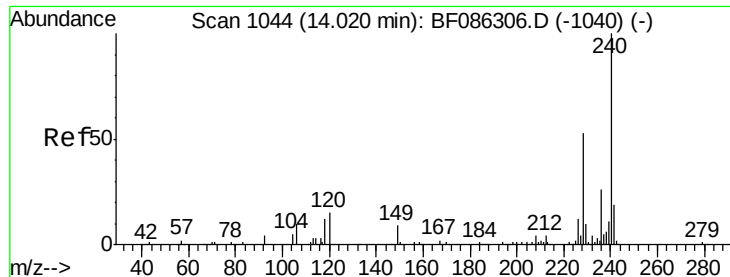
#66
 4-Bromophenyl-phenylether
 Concen: 3.89 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF086372.D
 Acq: 23 Apr 2016 5:50

Tgt Ion:248 Resp: 27284
 Ion Ratio Lower Upper
 248 100
 250 191.6 78.6 117.8#
 141 711.3 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: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086372.D

Acq: 23 Apr 2016 5:50

Instrument :

BNA_F

ClientSampleId :

MW-14

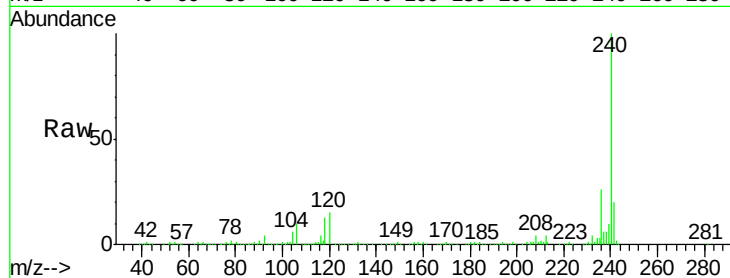
Tgt Ion:240 Resp: 613460

Ion Ratio Lower Upper

240 100

120 15.3 11.2 16.8

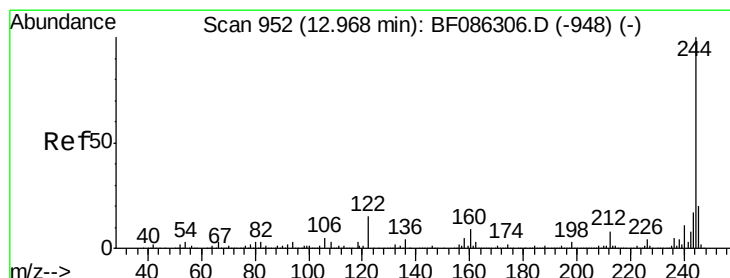
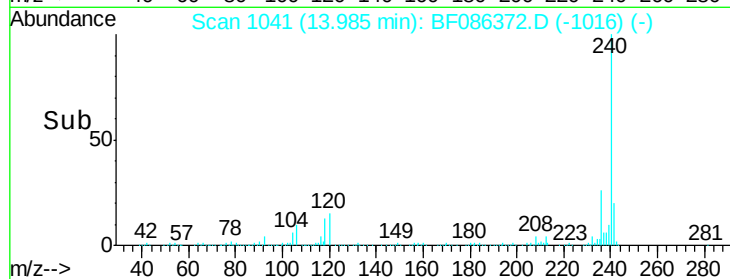
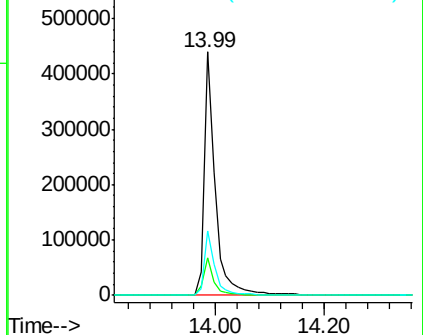
236 26.4 21.2 31.8



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: 70.03 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086372.D

Acq: 23 Apr 2016 5:50

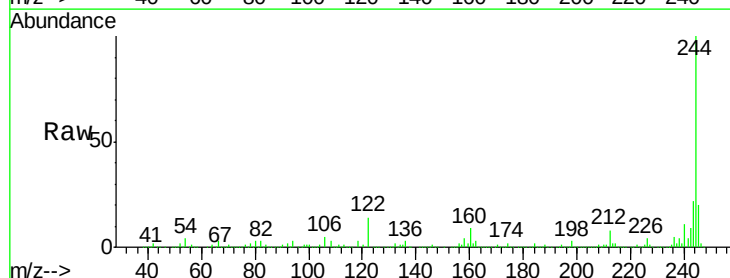
Tgt Ion:244 Resp: 1728969

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

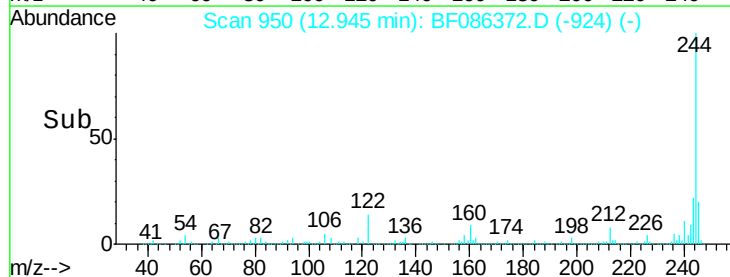
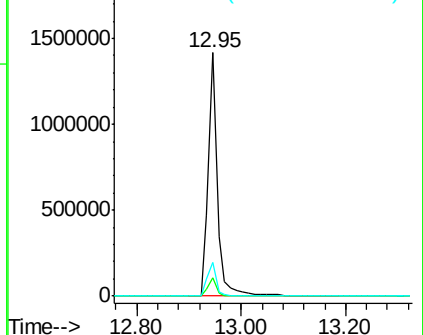
122 14.0 12.0 18.0

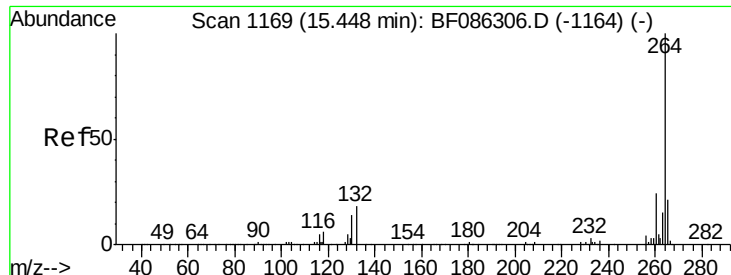


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086372.D
Acq: 23 Apr 2016 5:50

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.4	17.3	25.9

