

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086014.D
 Acq On : 2 Apr 2016 16:24
 Operator : UM/SJ
 Sample : H2080-10
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1NW

Quant Time: Apr 04 01:05:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

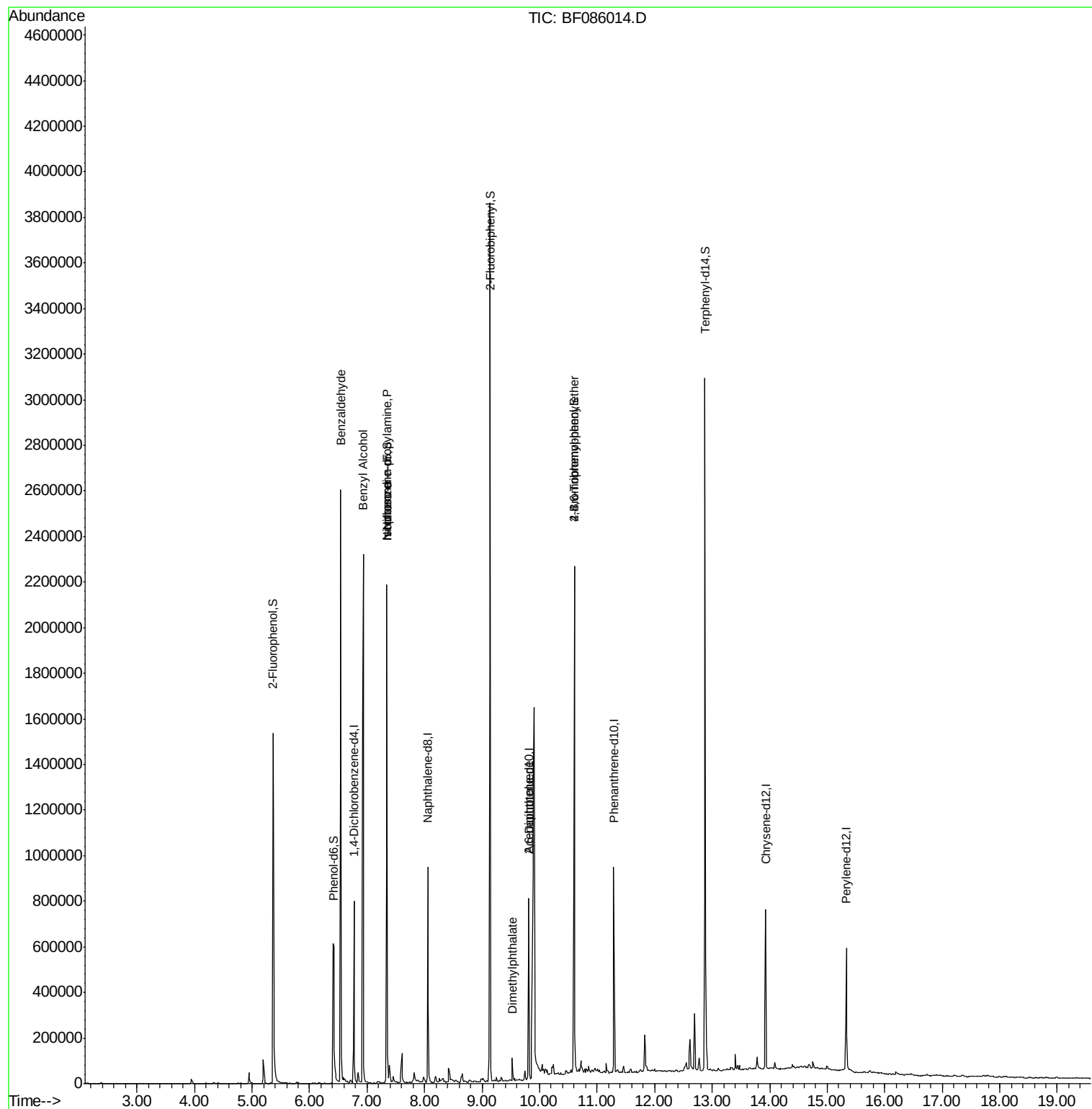
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	122974	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	462262	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	208601	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	368715	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	240111	20.00	ng	0.00
86) Perylene-d12	15.33	264	219720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	490670	68.20	ng	0.00
7) Phenol-d6	6.42	99	397972	43.55	ng	0.00
23) Nitrobenzene-d5	7.34	82	821684	104.82	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	290644	148.45	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1337480	106.61	ng	0.00
78) Terphenyl-d14	12.88	244	978294	95.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	19141	3.89	ng	88
15) Benzyl Alcohol	6.93	79	12793	2.16	ng	# 42
19) n-Nitroso-di-n-propylamine	7.34	70	110361	19.48	ng	# 77
25) Isophorone	7.34	82	813015	52.54	ng	# 68
49) Dimethylphthalate	9.53	163	37682	2.44	ng	99
50) 2,6-Dinitrotoluene	9.81	165	26286	8.04	ng	# 20
66) 4-Bromophenyl-phenylether	10.60	248	19757	5.25	ng	# 1

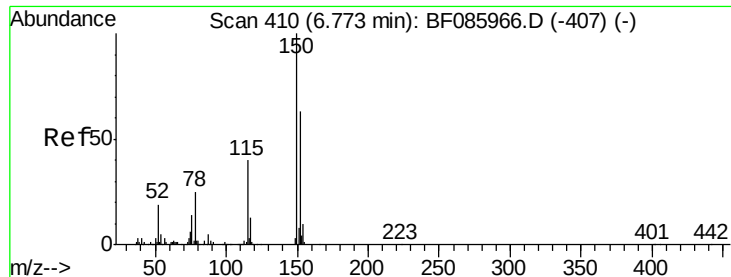
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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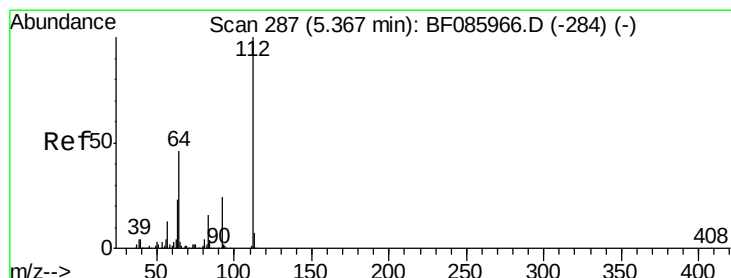
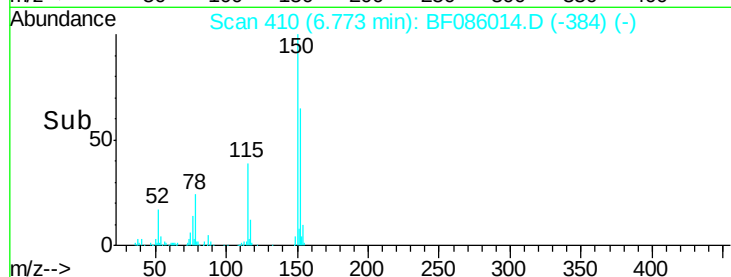
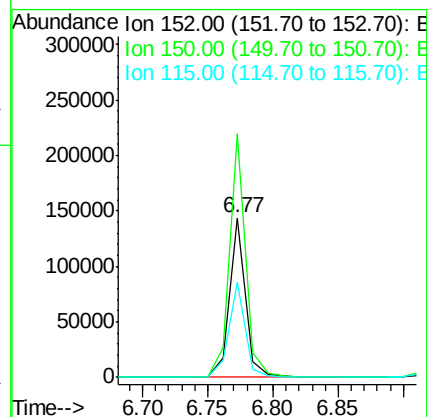
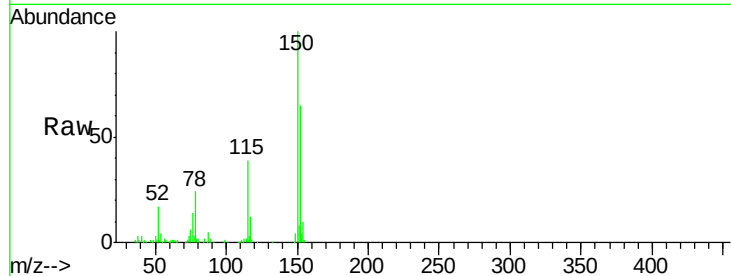


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF086014.D
 Acq: 2 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 B-1NW

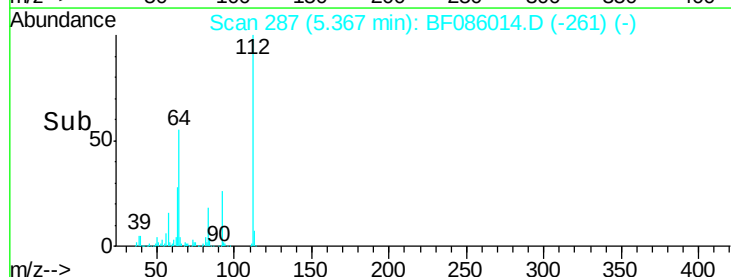
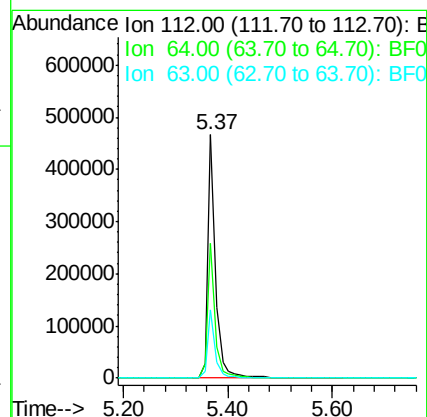
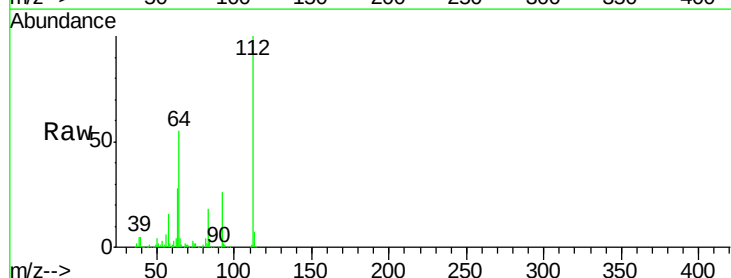
Tgt Ion:152 Resp: 122974
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.2 186.2
 115 60.0 47.0 70.6

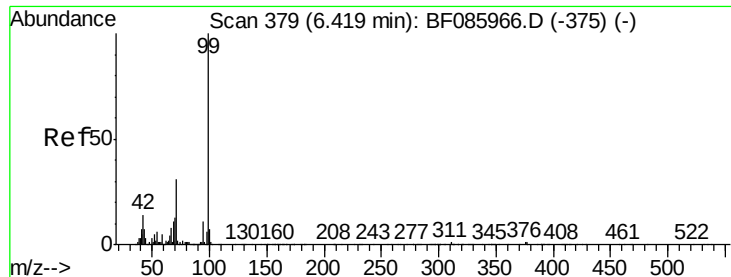


#5

2-Fluorophenol
 Concen: 68.20 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: BF086014.D
 Acq: 2 Apr 2016 16:24

Tgt Ion:112 Resp: 490670
 Ion Ratio Lower Upper
 112 100
 64 55.4 39.9 59.9
 63 28.0 20.2 30.2





#7

Phenol-d6

Concen: 43.55 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

B-1NW

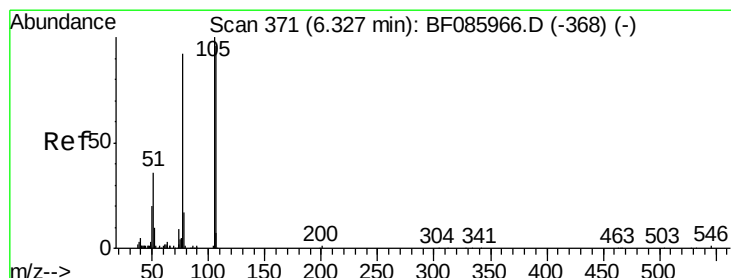
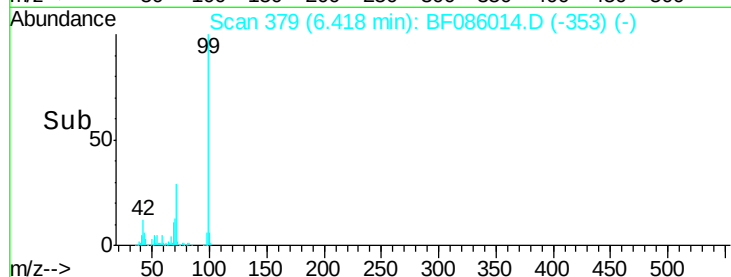
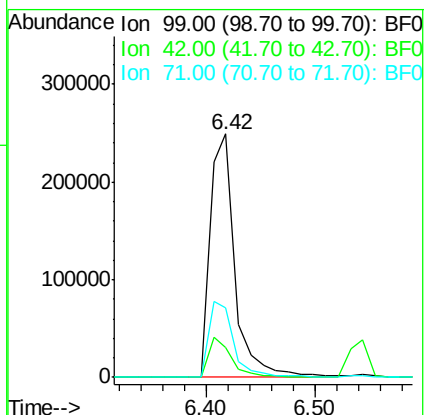
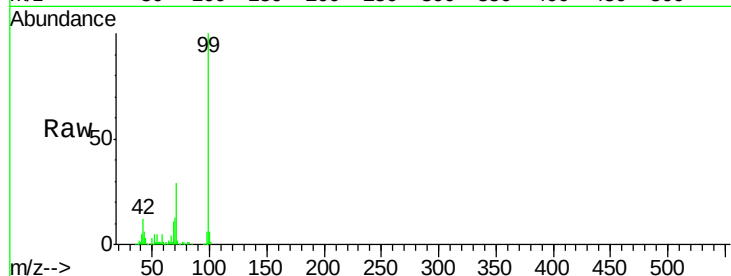
Tgt Ion: 99 Resp: 397972

Ion Ratio Lower Upper

99 100

42 12.4 11.1 16.7

71 28.8 24.9 37.3



#9

Benzaldehyde

Concen: 3.89 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

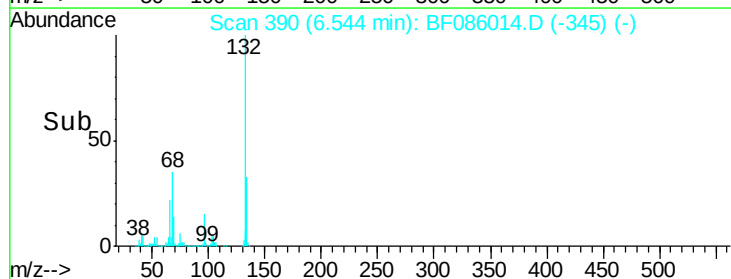
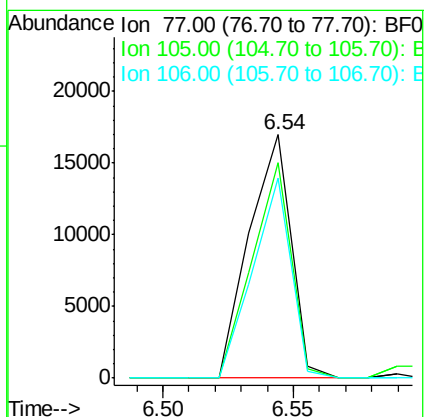
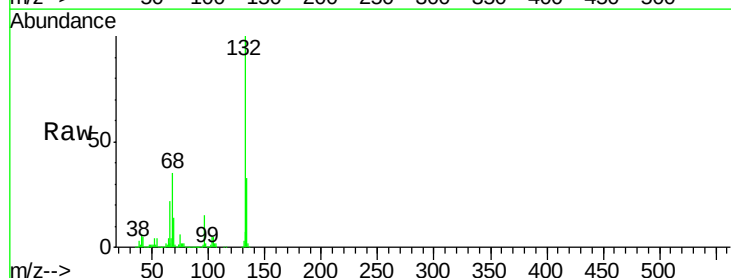
Tgt Ion: 77 Resp: 19141

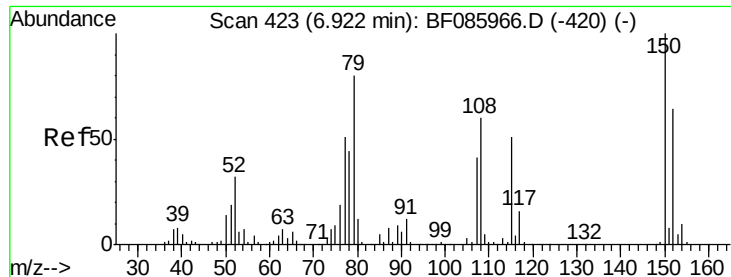
Ion Ratio Lower Upper

77 100

105 88.7 80.1 120.1

106 82.4 75.0 115.0

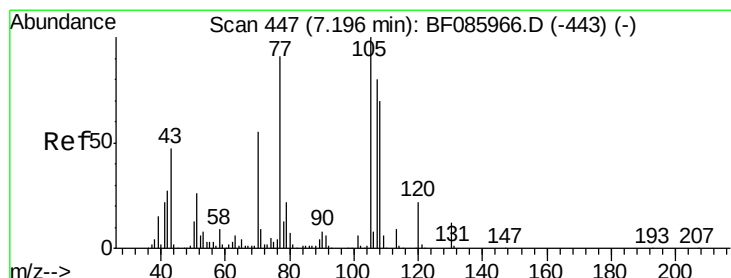
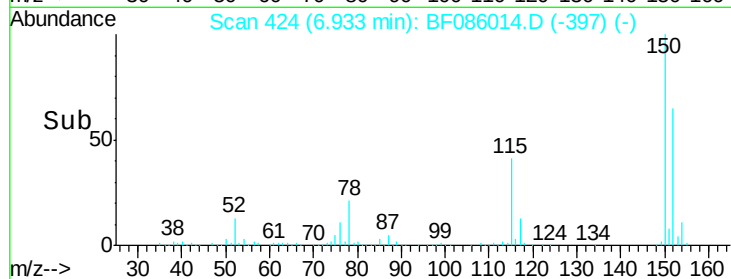
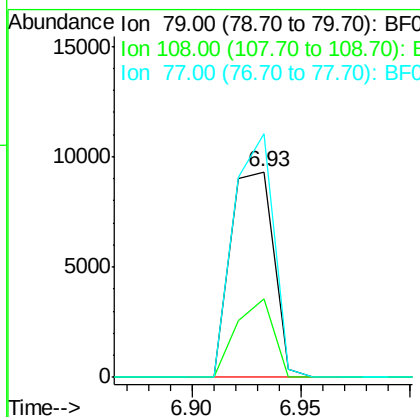
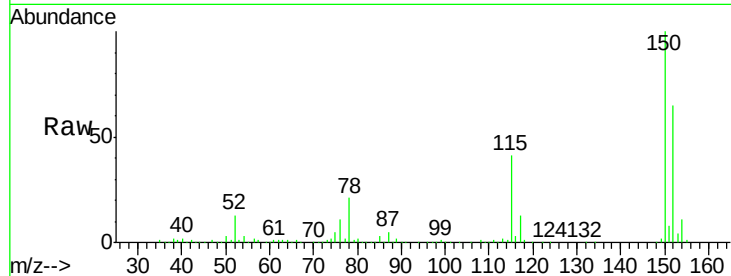




#15
Benzyl Alcohol
Concen: 2.16 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

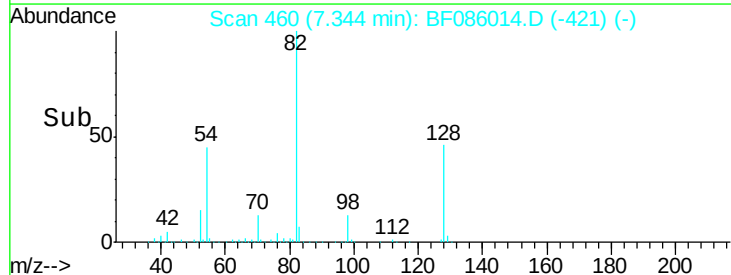
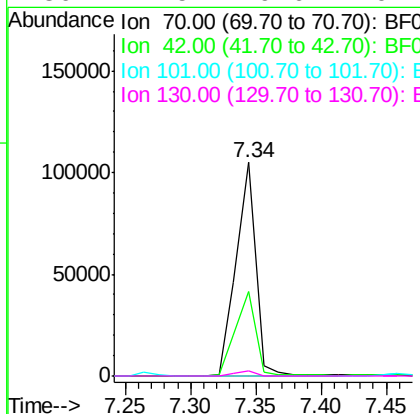
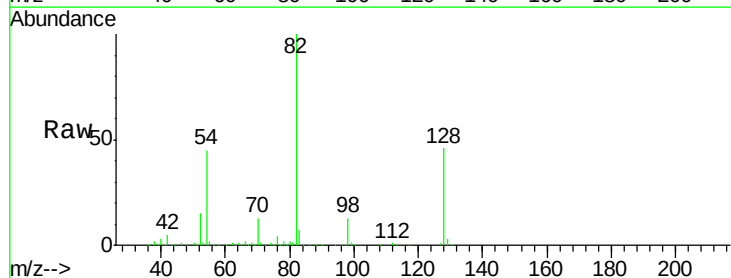
Instrument :
BNA_F
ClientSampled :
B-1NW

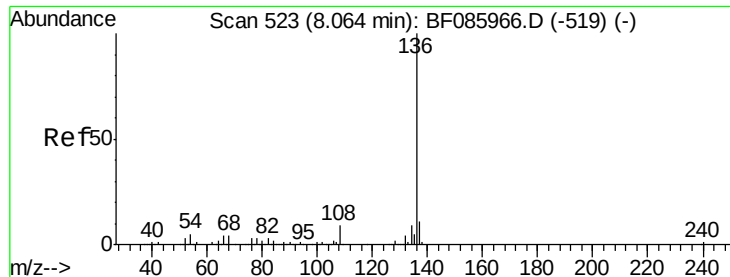
Tgt Ion: 79 Resp: 12793
Ion Ratio Lower Upper
79 100
108 38.0 61.8 92.6#
77 118.6 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.48 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Tgt Ion: 70 Resp: 110361
Ion Ratio Lower Upper
70 100
42 39.3 37.1 55.7
101 0.0 8.6 12.8#
130 2.5 19.6 29.4#

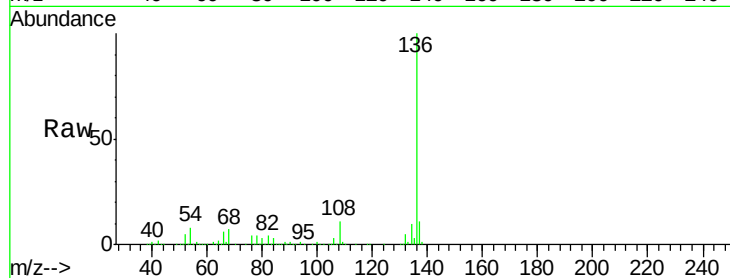




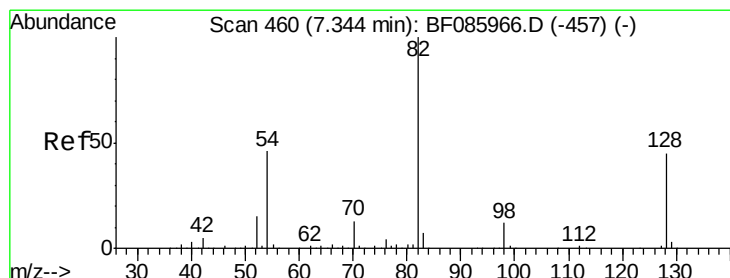
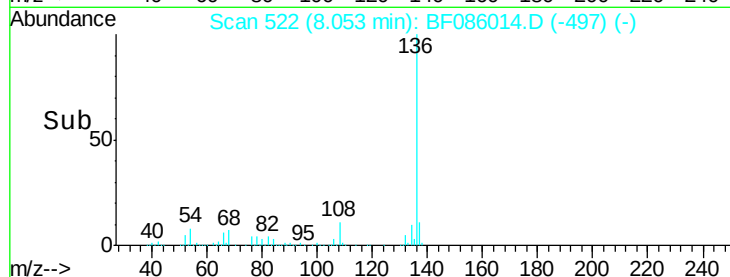
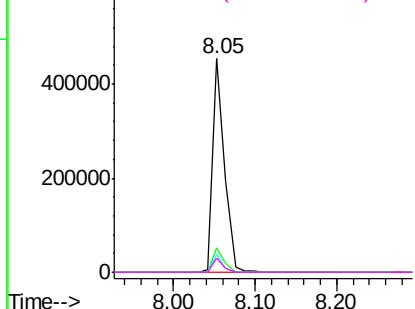
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
B-1NW

Tgt Ion:	136	Resp:	462262
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	7.4	11.0
68	6.8	5.8	8.8

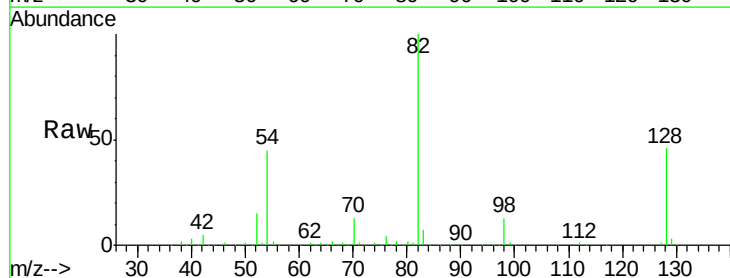


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

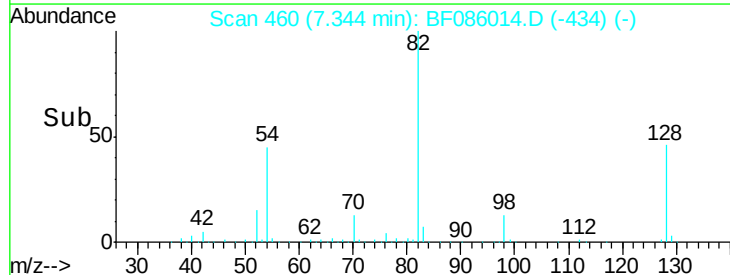
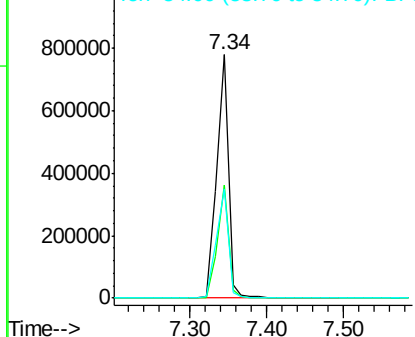


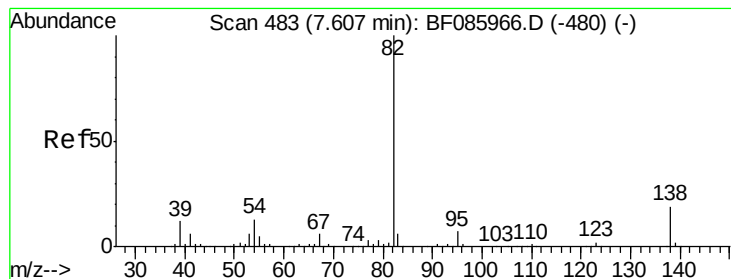
#23
Nitrobenzene-d5
Concen: 104.82 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Tgt Ion:	82	Resp:	821684
Ion	Ratio	Lower	Upper
82	100		
128	46.4	41.8	62.8
54	44.7	33.4	50.0



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: 52.54 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

B-1NW

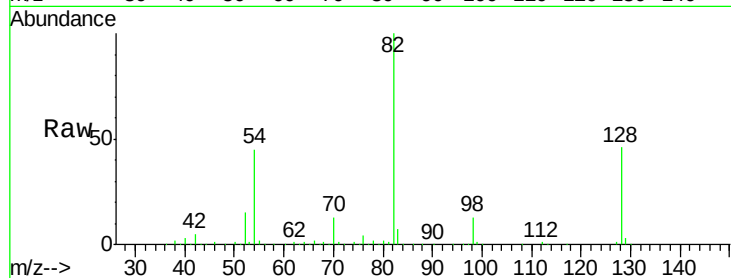
Tgt Ion: 82 Resp: 813015

Ion Ratio Lower Upper

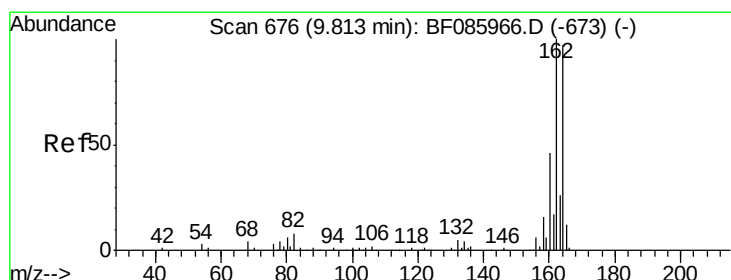
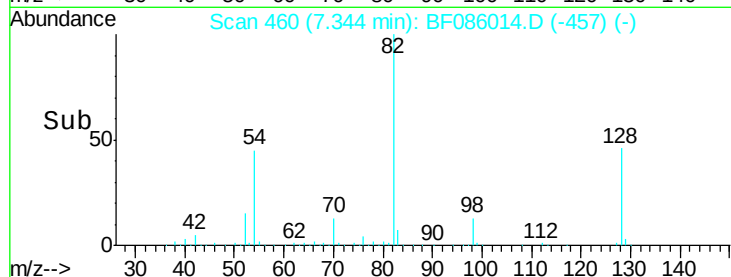
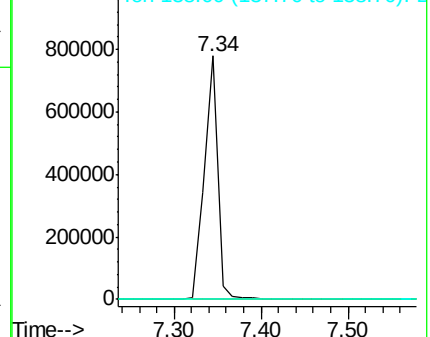
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

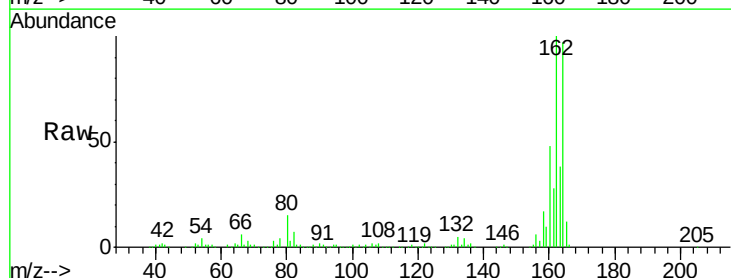
Tgt Ion: 164 Resp: 208601

Ion Ratio Lower Upper

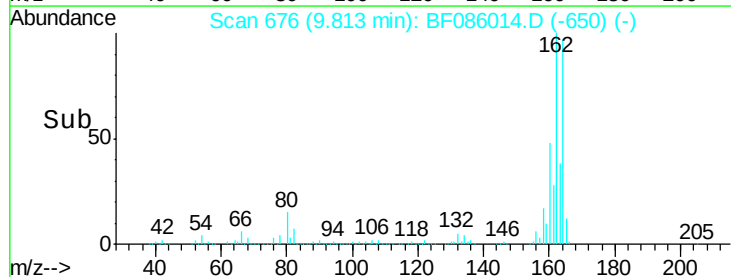
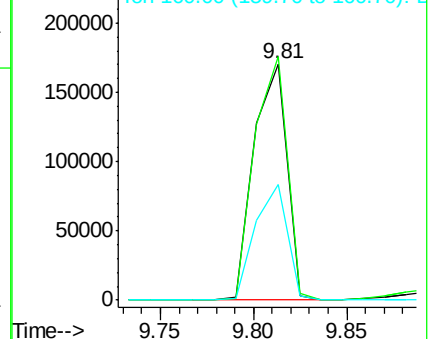
164 100

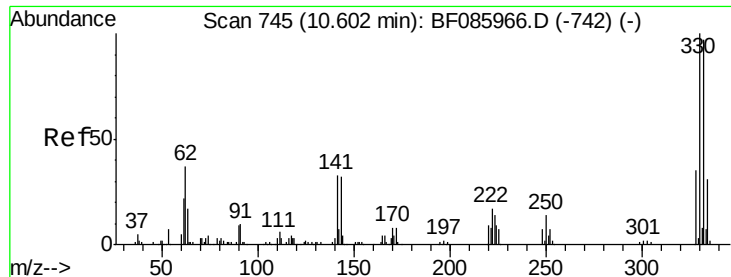
162 103.1 82.1 123.1

160 49.1 37.4 56.2



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

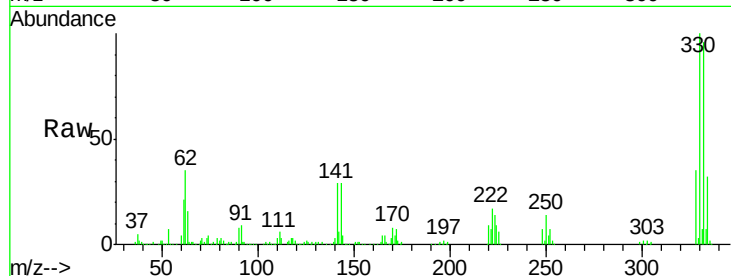




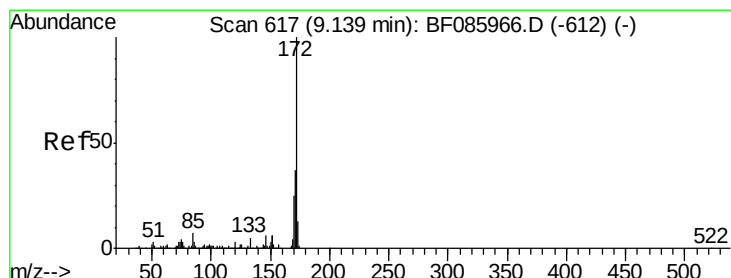
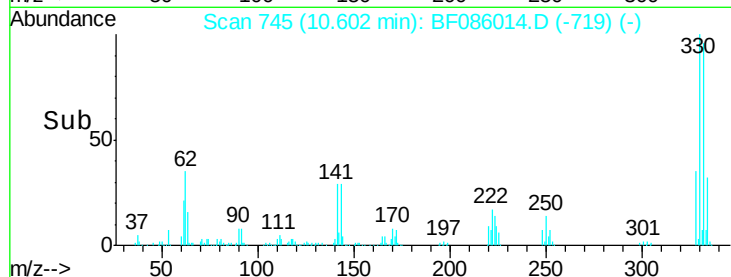
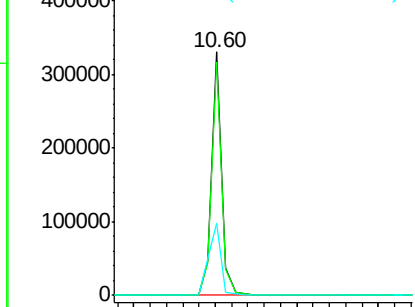
#41
 2,4,6-Tribromophenol
 Concen: 148.45 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086014.D
 Acq: 2 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :
 B-1NW

Tgt Ion:330 Resp: 290644
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 37.3 31.5 47.3

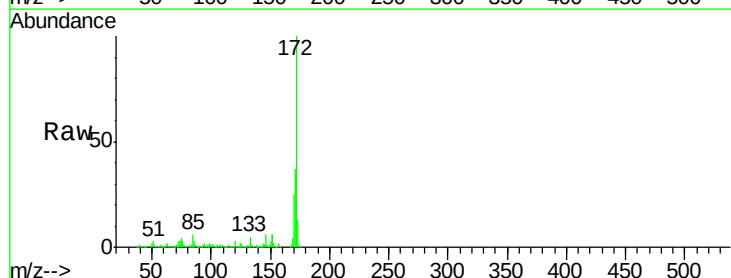


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

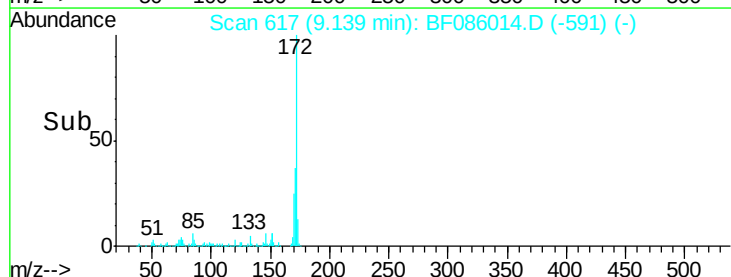
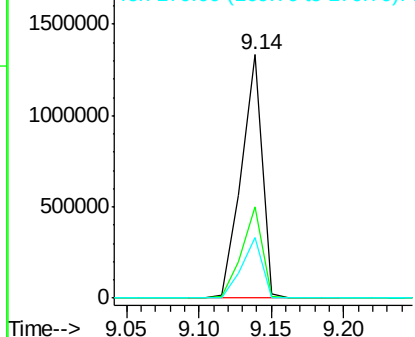


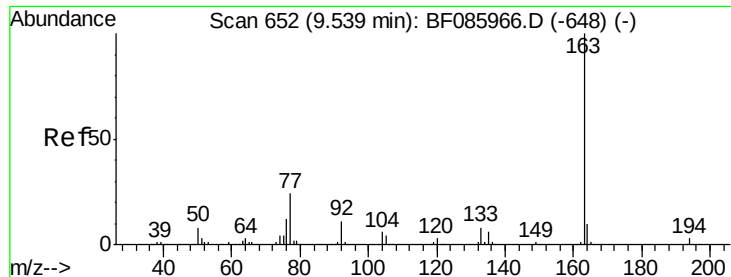
#44
 2-Fluorobiphenyl
 Concen: 106.61 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086014.D
 Acq: 2 Apr 2016 16:24

Tgt Ion:172 Resp: 1337480
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.2
 170 25.1 19.8 29.6



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

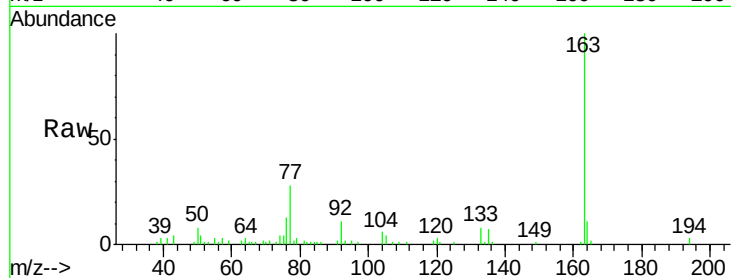




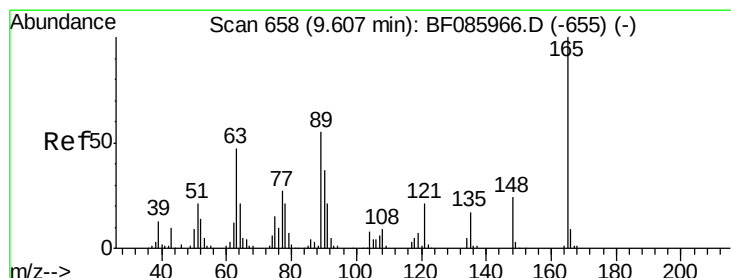
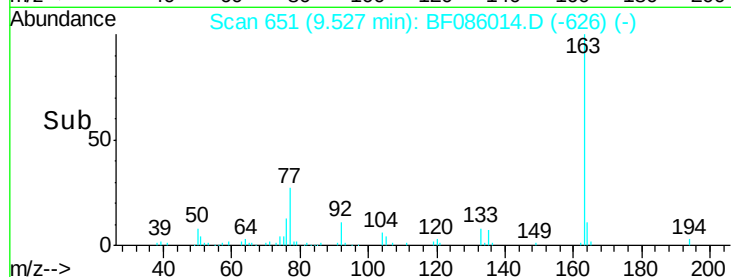
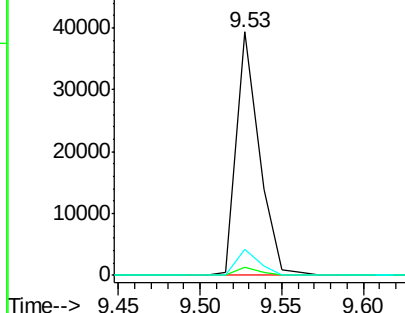
#49
Dimethylphthalate
Concen: 2.44 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Instrument :
BNA_F
ClientSampled :
B-1NW

Tgt Ion:163 Resp: 37682
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.6 8.3 12.5

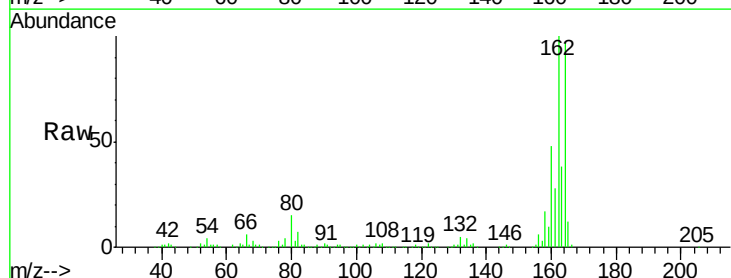


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

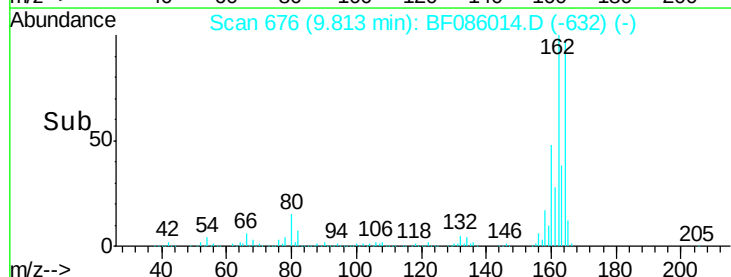
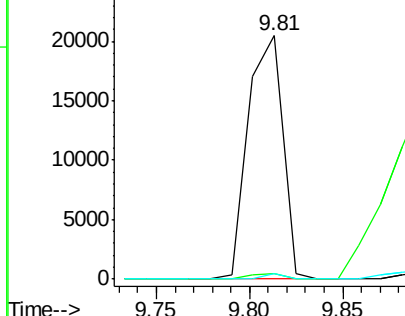


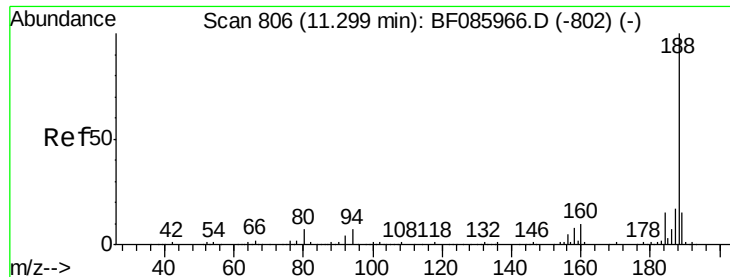
#50
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.21 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Tgt Ion:165 Resp: 26286
Ion Ratio Lower Upper
165 100
63 2.3 51.8 77.8#
89 2.2 53.7 80.5#



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

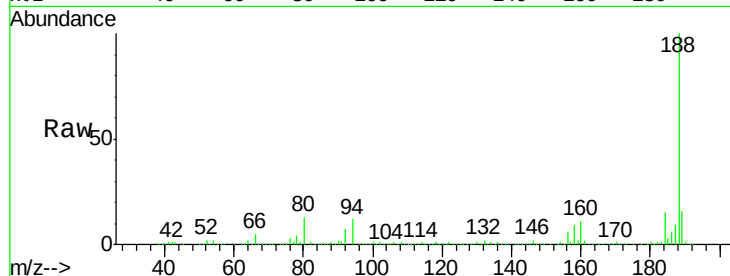




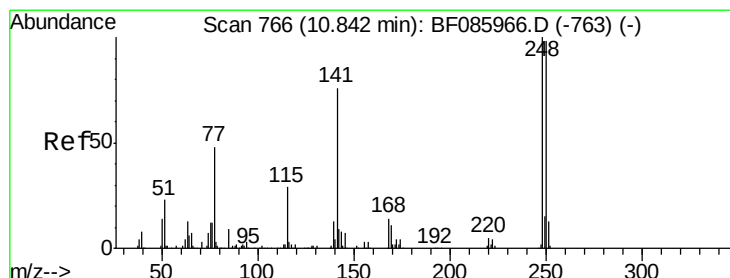
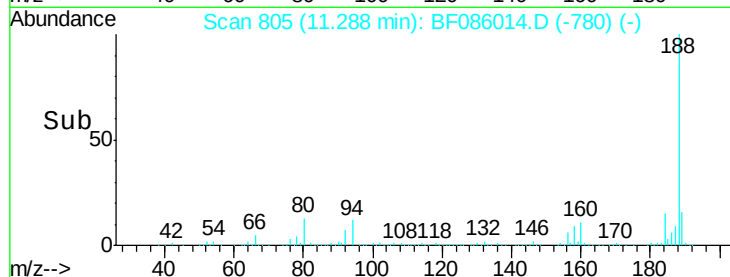
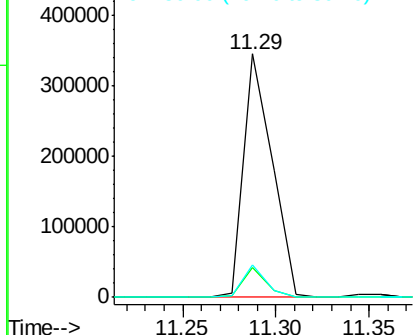
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
B-1NW

Tgt Ion:188 Resp: 368715
Ion Ratio Lower Upper
188 100
94 12.4 5.4 8.0#
80 13.4 5.5 8.3#

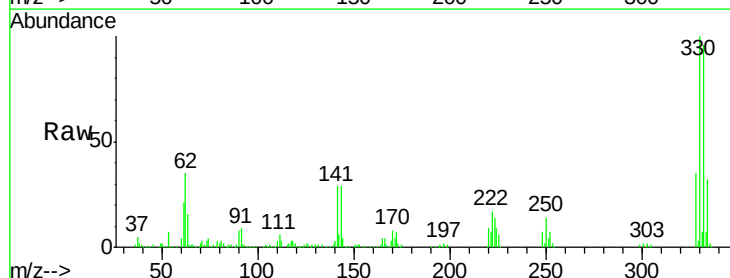


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

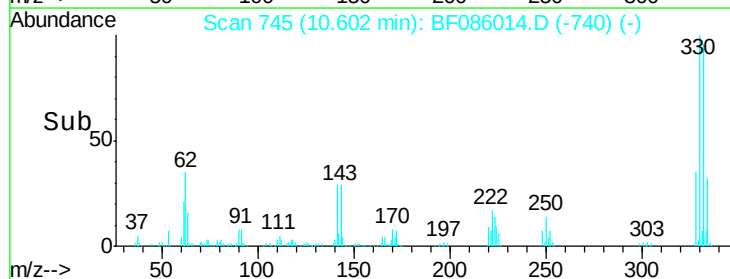
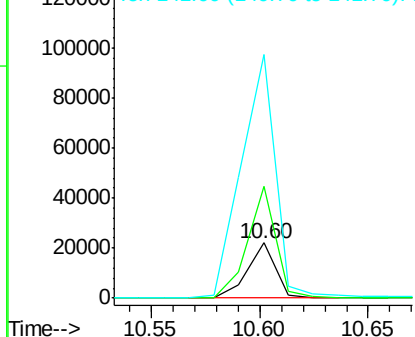


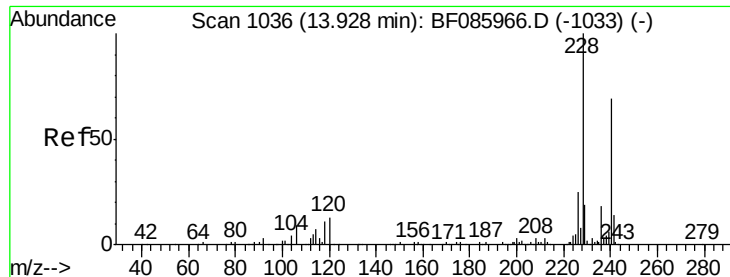
#66
4-Bromophenyl-phenylether
Concen: 5.25 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Tgt Ion:248 Resp: 19757
Ion Ratio Lower Upper
248 100
250 202.7 77.4 116.0#
141 440.5 63.6 95.4#



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: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

B-1NW

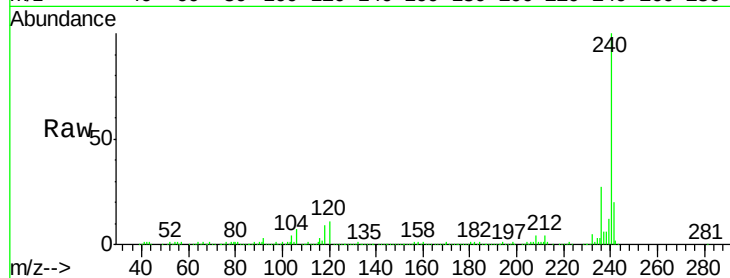
Tgt Ion:240 Resp: 240111

Ion Ratio Lower Upper

240 100

120 11.0 13.8 20.8#

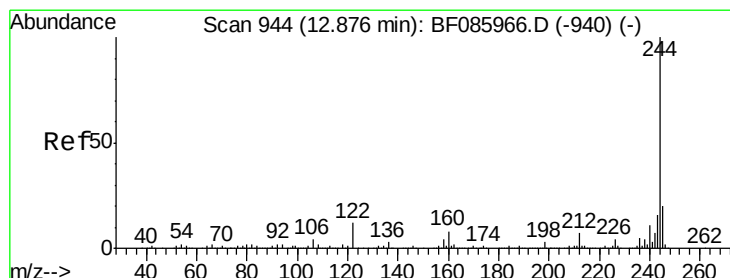
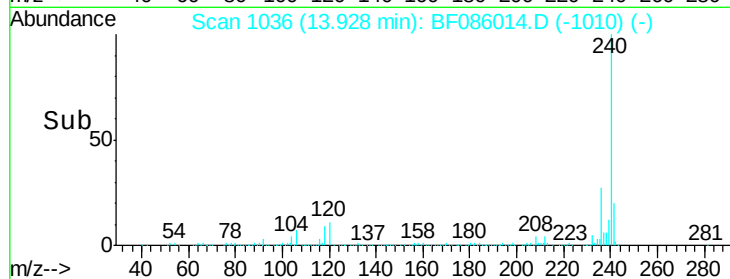
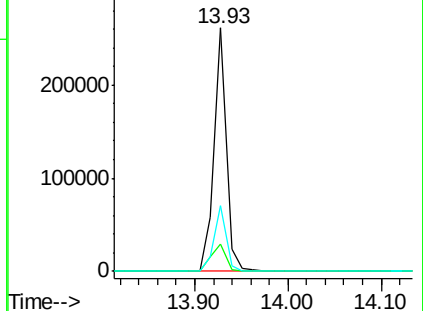
236 26.8 20.6 30.8



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: 95.77 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086014.D

Acq: 2 Apr 2016 16:24

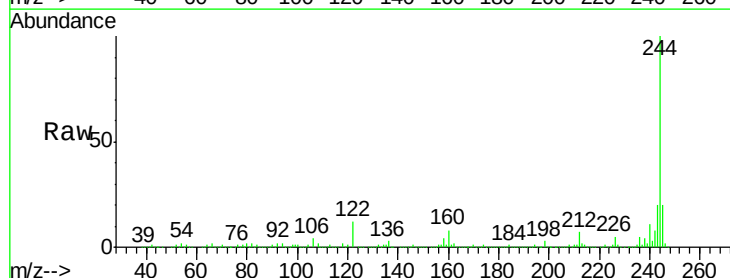
Tgt Ion:244 Resp: 978294

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

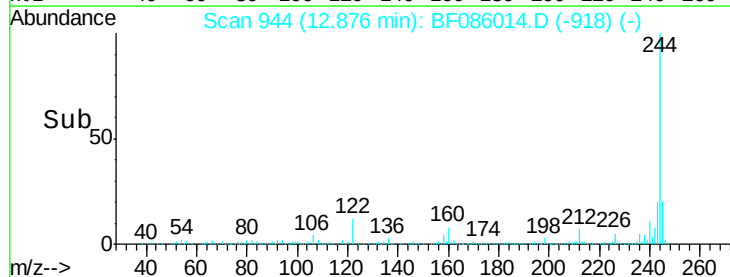
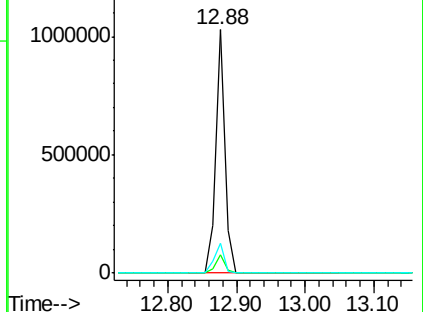
122 12.4 10.2 15.4

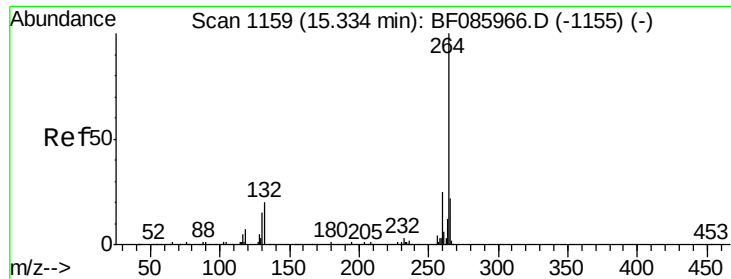


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF086014.D
Acq: 2 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :
B-1NW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	17.2	25.8

