

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086015.D
 Acq On : 2 Apr 2016 16:53
 Operator : UM/SJ
 Sample : H2080-11
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Apr 04 01:06:13 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

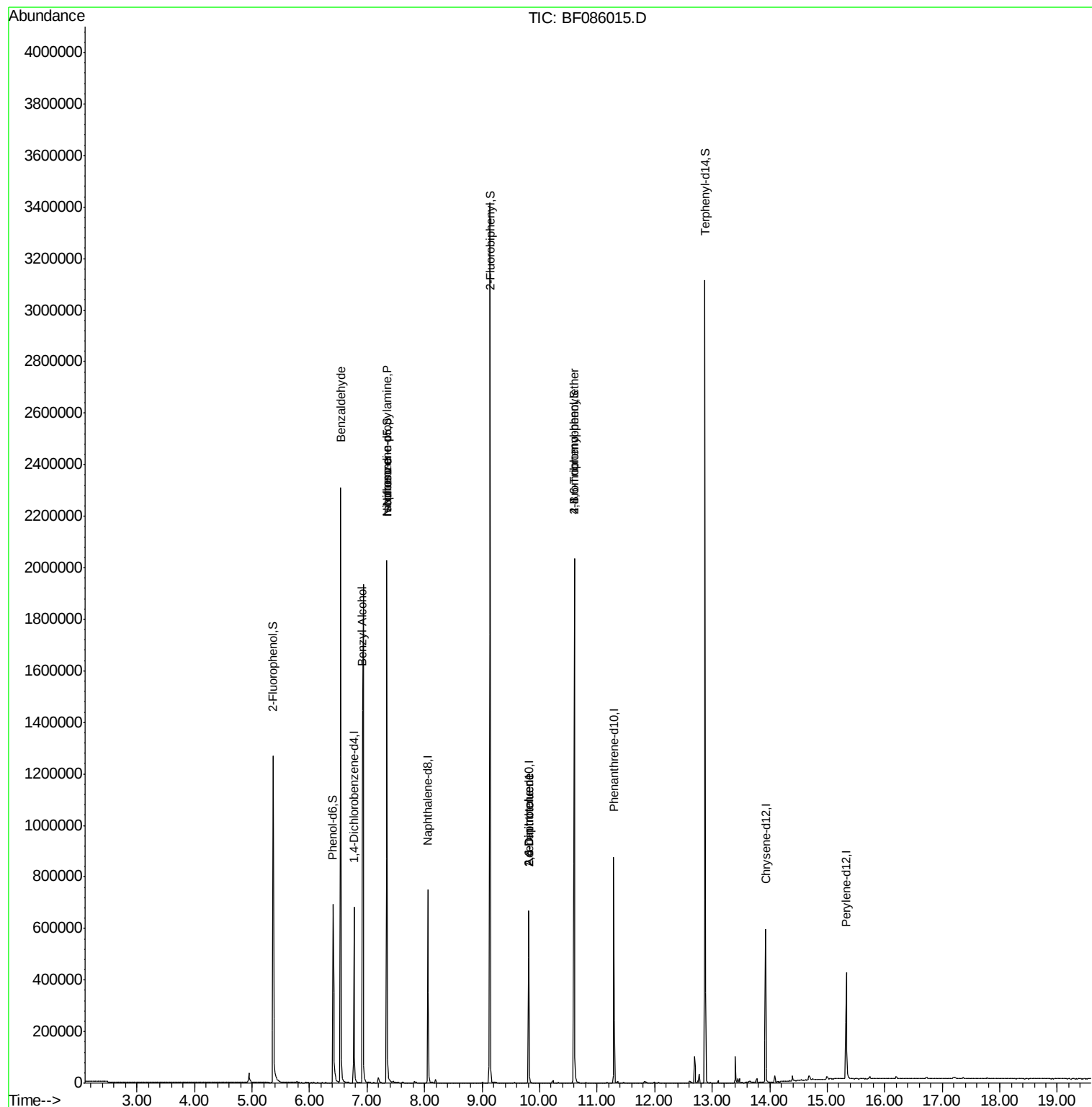
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104142	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	400365	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	175055	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	321285	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	204757	20.00	ng	0.00
86) Perylene-d12	15.33	264	188424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	413990	67.95	ng	0.00
7) Phenol-d6	6.41	99	324501	41.93	ng	-0.01
23) Nitrobenzene-d5	7.34	82	759258	111.84	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	278486	169.49	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1240752	117.85	ng	0.00
78) Terphenyl-d14	12.88	244	953918	109.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	17211	4.13	ng	Qvalue 87
15) Benzyl Alcohol	6.92	79	10839	2.16	ng	# 49
19) n-Nitroso-di-n-propylamine	7.34	70	101761	21.21	ng	# 76
25) Isophorone	7.34	82	753566	56.23	ng	# 68
50) 2,6-Dinitrotoluene	9.81	165	22321	8.13	ng	# 18
56) 2,4-Dinitrotoluene	9.81	165	22321	6.43	ng	# 37
66) 4-Bromophenyl-phenylether	10.60	248	18913	5.77	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: BF086015.D

Acq: 2 Apr 2016 16:53

Instrument :

BNA_F

ClientSampleId :

FB

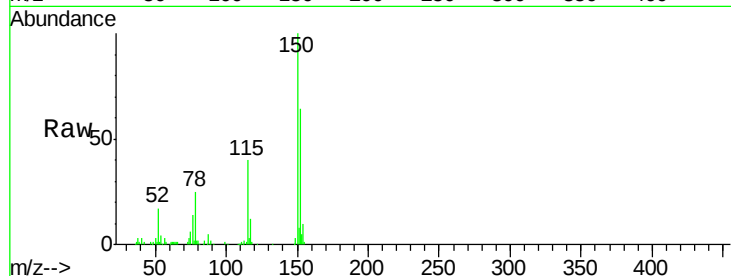
Tgt Ion:152 Resp: 104142

Ion Ratio Lower Upper

152 100

150 155.8 124.2 186.2

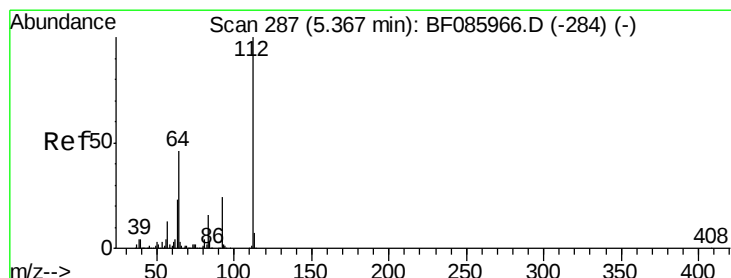
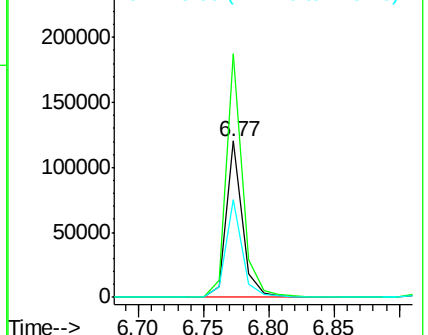
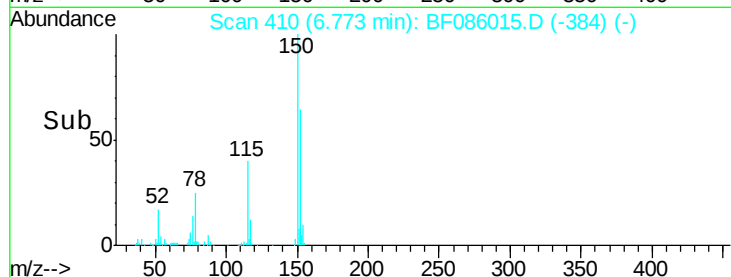
115 62.6 47.0 70.6



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: 67.95 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

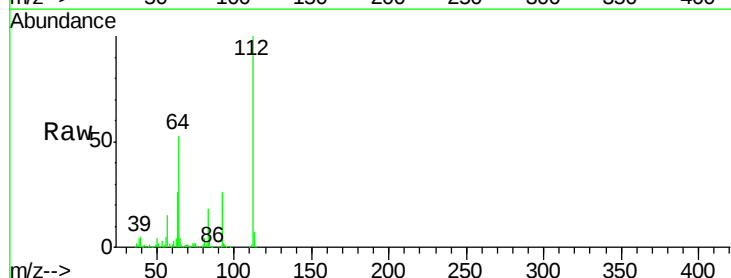
Tgt Ion:112 Resp: 413990

Ion Ratio Lower Upper

112 100

64 52.5 39.9 59.9

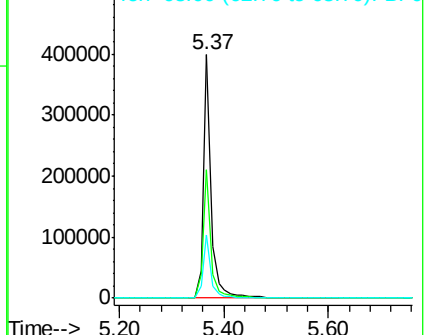
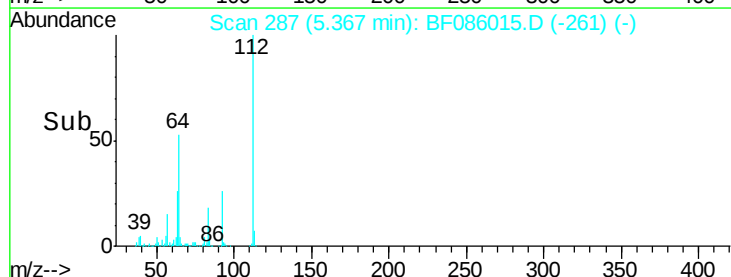
63 26.1 20.2 30.2



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: 41.93 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

Instrument :

BNA_F

ClientSampleId :

FB

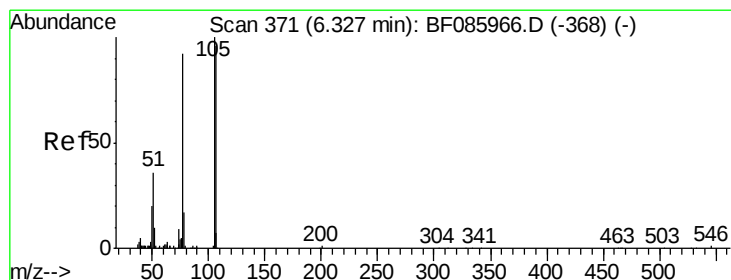
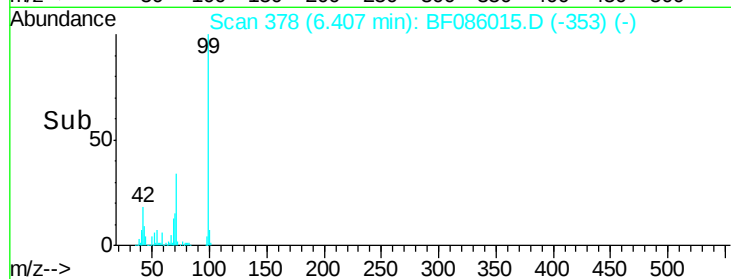
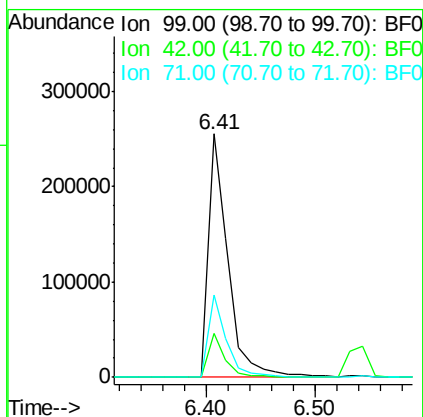
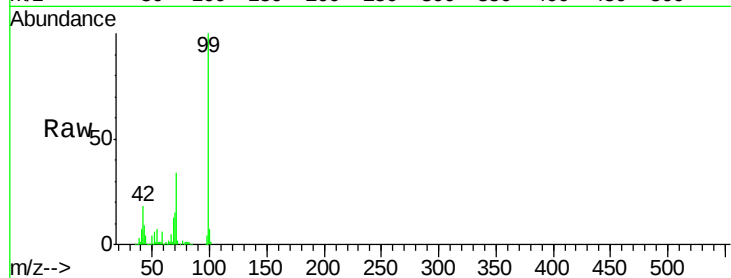
Tgt Ion: 99 Resp: 324501

Ion Ratio Lower Upper

99 100

42 18.2 11.1 16.7#

71 34.0 24.9 37.3



#9

Benzaldehyde

Concen: 4.13 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

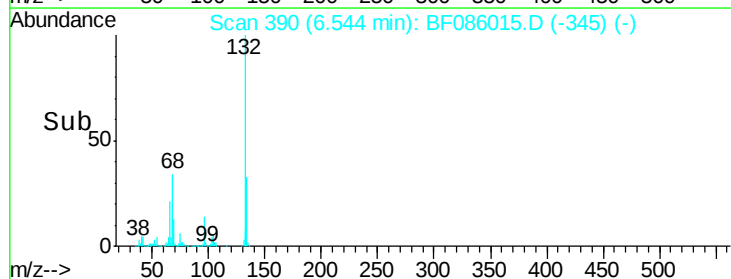
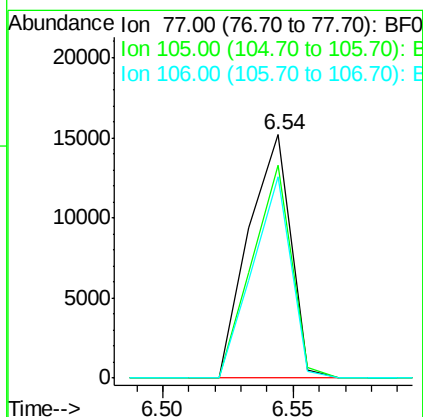
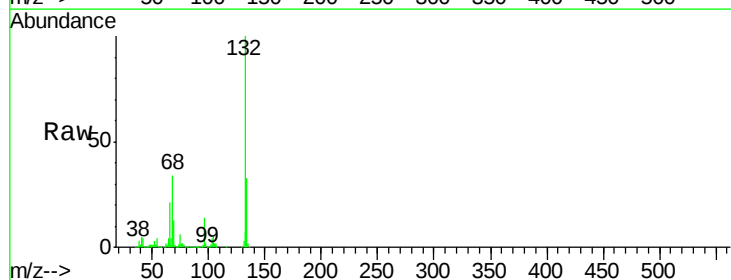
Tgt Ion: 77 Resp: 17211

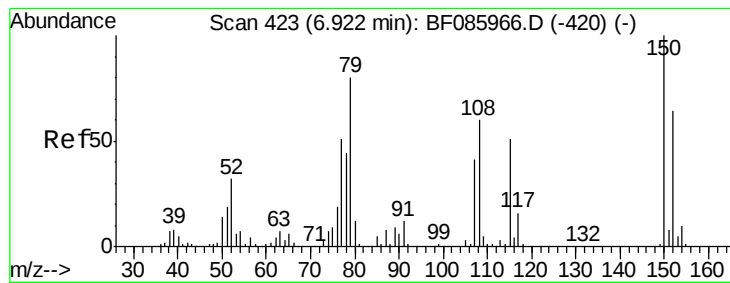
Ion Ratio Lower Upper

77 100

105 87.4 80.1 120.1

106 82.8 75.0 115.0





#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

Instrument :

BNA_F

ClientSampleId :

FB

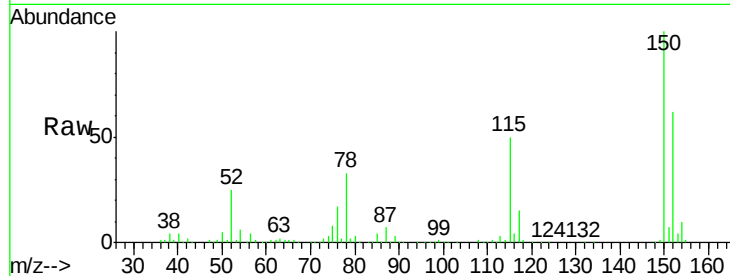
Tgt Ion: 79 Resp: 10839

Ion Ratio Lower Upper

79 100

108 30.0 61.8 92.6#

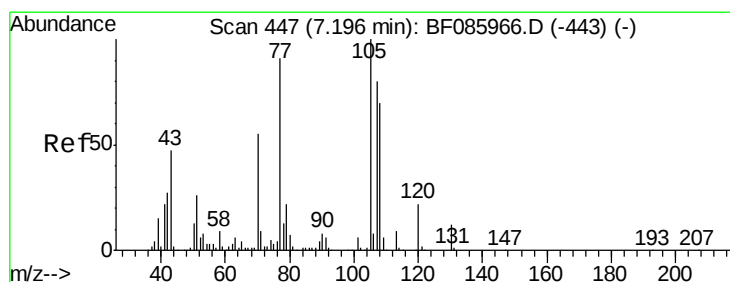
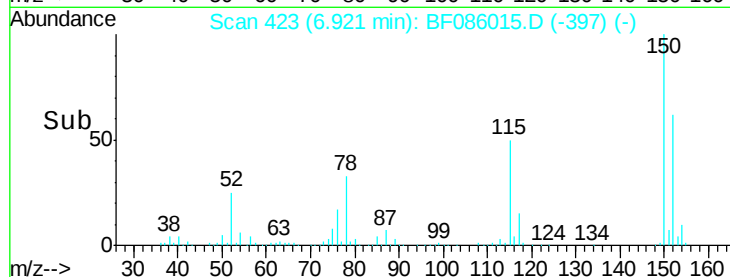
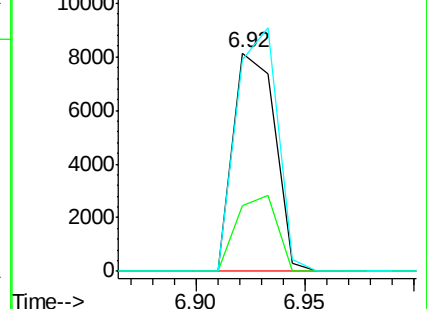
77 97.0 49.6 74.4#



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: 21.21 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

Tgt Ion: 70 Resp: 101761

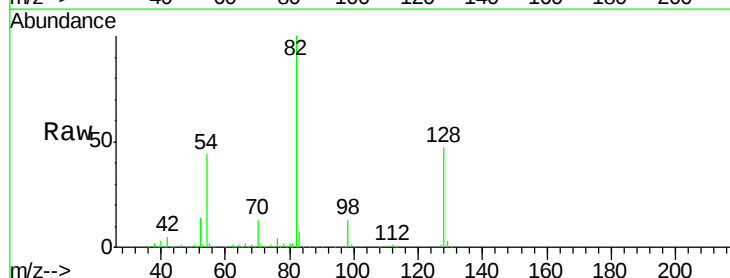
Ion Ratio Lower Upper

70 100

42 37.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

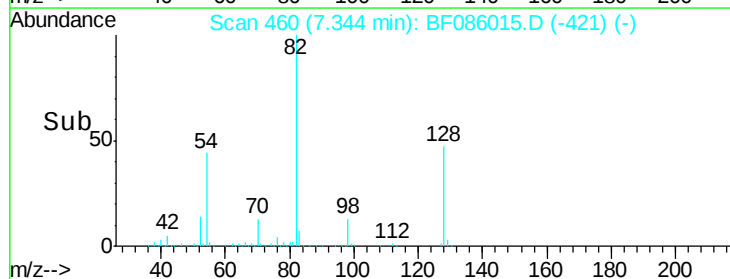
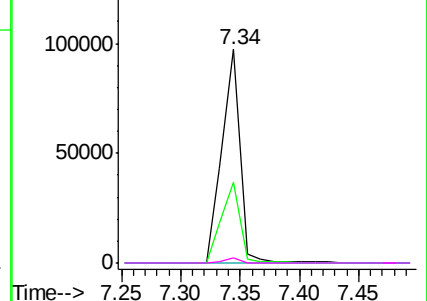


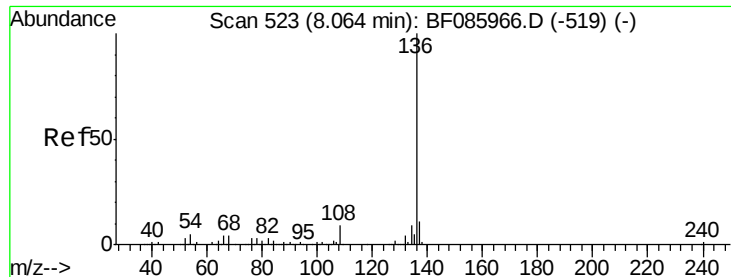
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

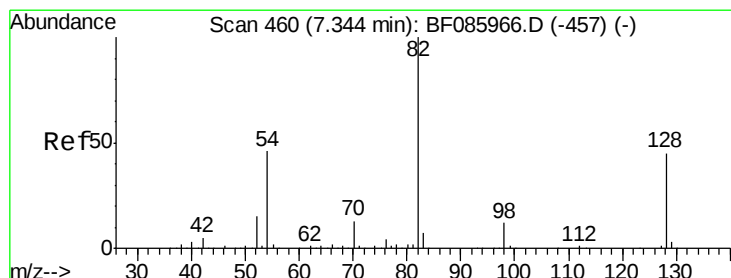
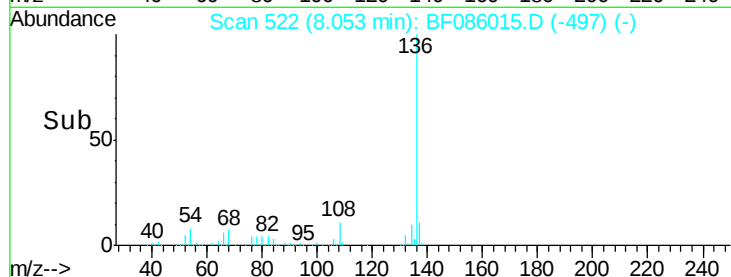
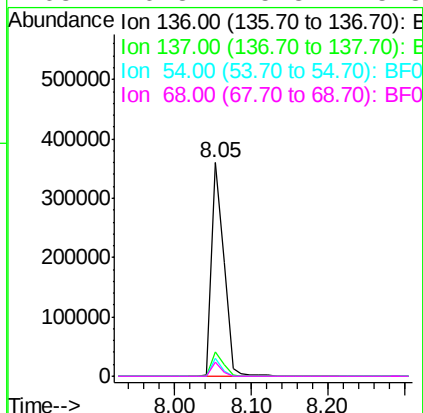
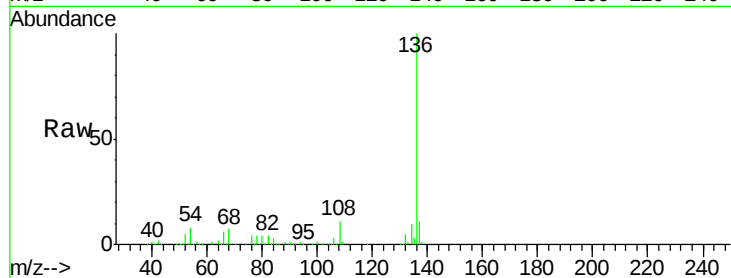




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086015.D
Acq: 2 Apr 2016 16:53

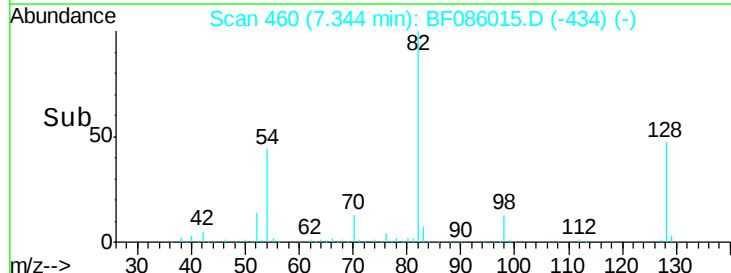
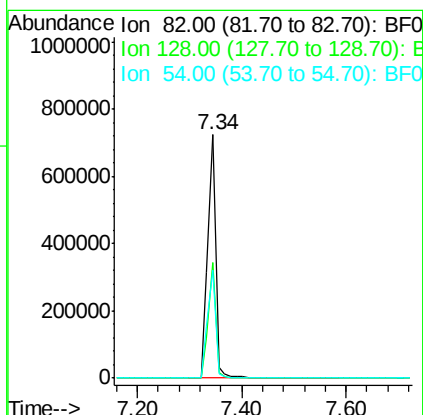
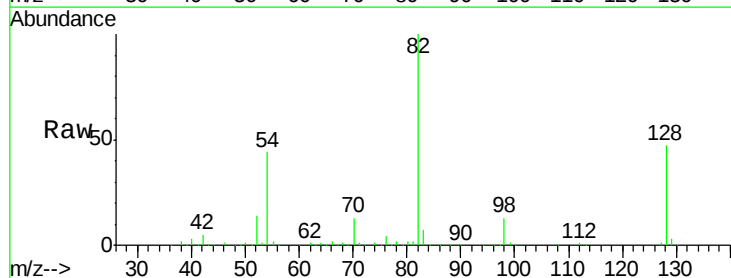
Instrument :
BNA_F
ClientSampleId :
FB

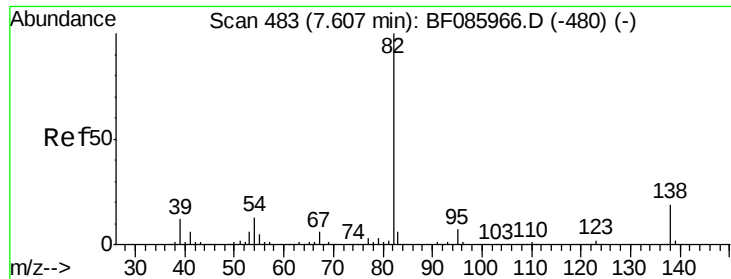
Tgt Ion:	136	Resp:	400365
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	7.4	11.0
68	6.8	5.8	8.8



#23
Nitrobenzene-d5
Concen: 111.84 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF086015.D
Acq: 2 Apr 2016 16:53

Tgt Ion:	82	Resp:	759258
Ion	Ratio	Lower	Upper
82	100		
128	47.4	41.8	62.8
54	44.1	33.4	50.0





#25

Isophorone

Concen: 56.23 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

Instrument :

BNA_F

ClientSampled :

FB

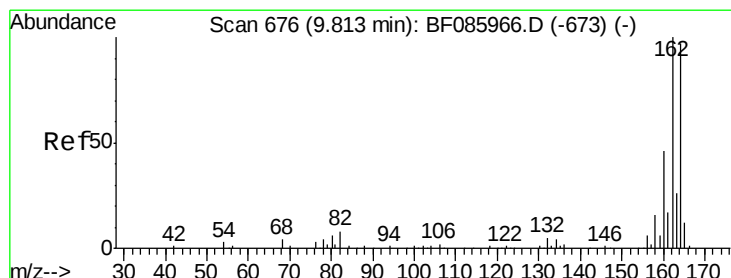
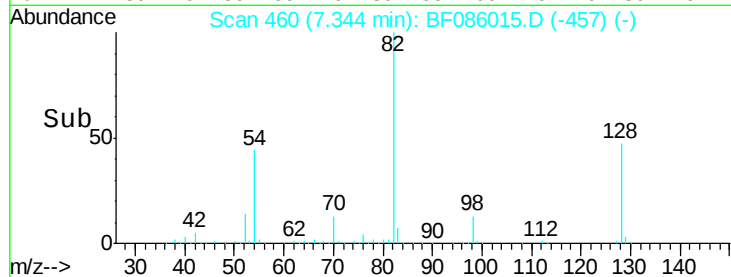
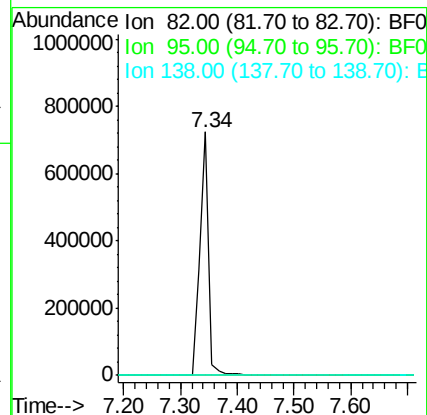
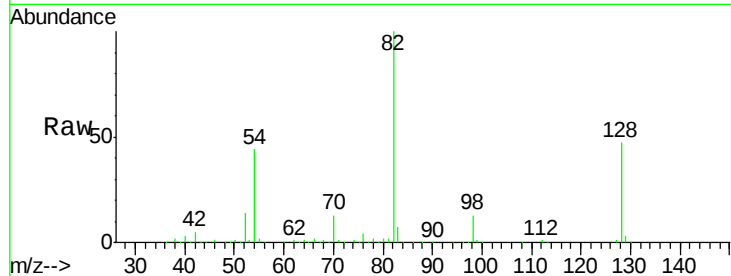
Tgt Ion: 82 Resp: 753566

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

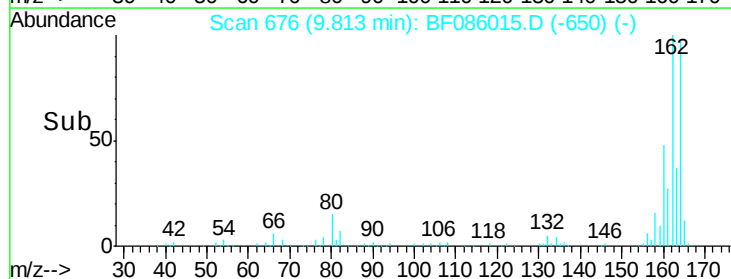
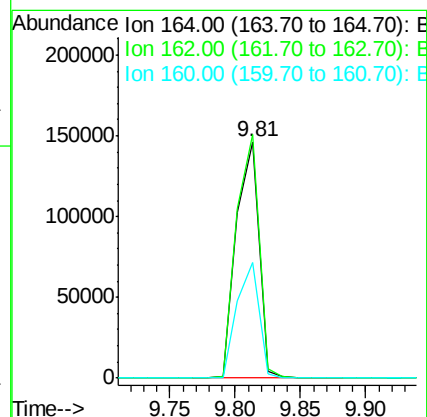
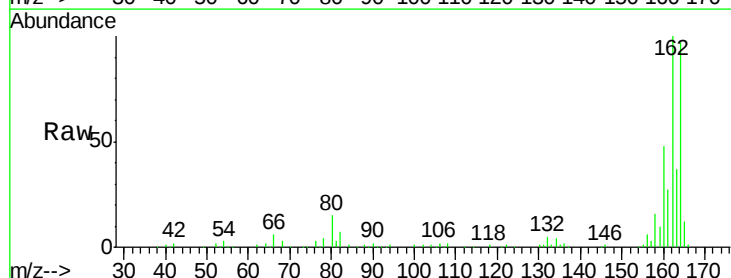
Tgt Ion: 164 Resp: 175055

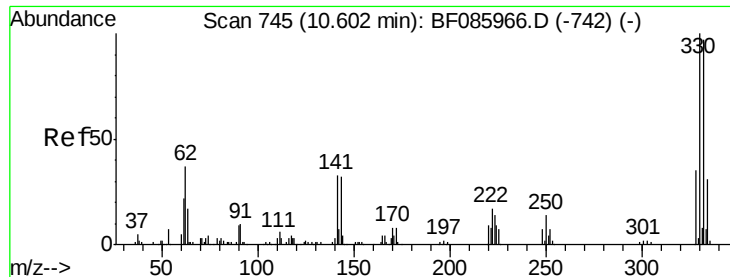
Ion Ratio Lower Upper

164 100

162 102.9 82.1 123.1

160 49.1 37.4 56.2

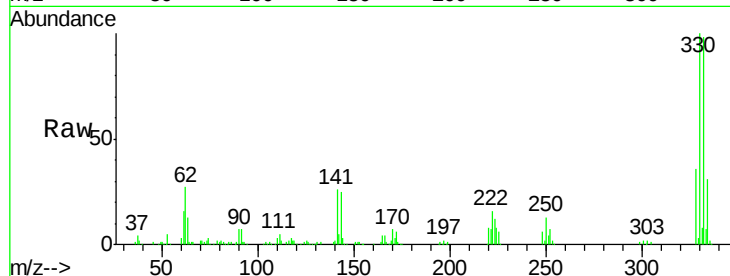




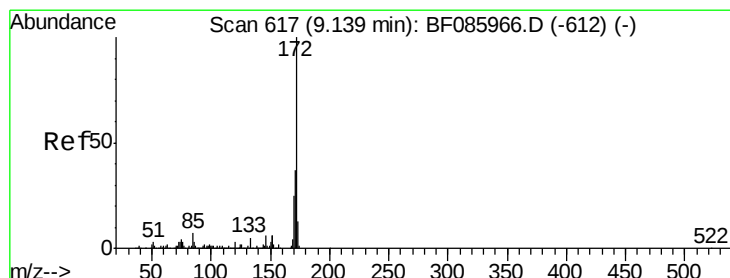
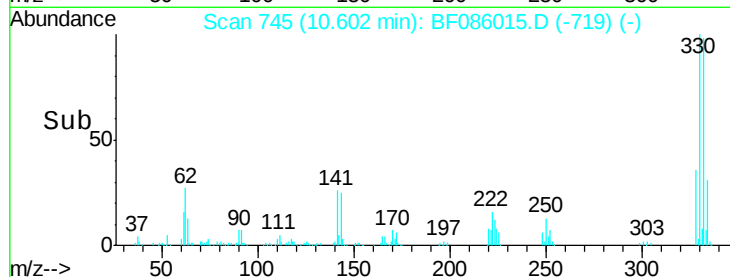
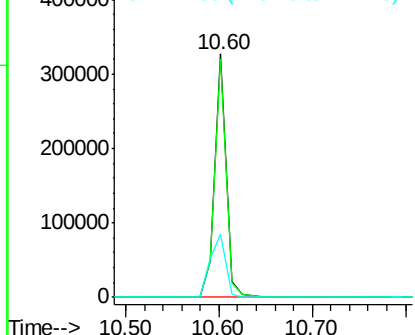
#41
 2,4,6-Tribromophenol
 Concen: 169.49 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086015.D
 Acq: 2 Apr 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:330 Resp: 278486
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 35.2 31.5 47.3

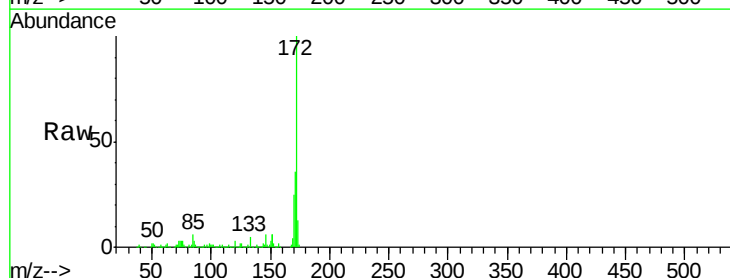


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

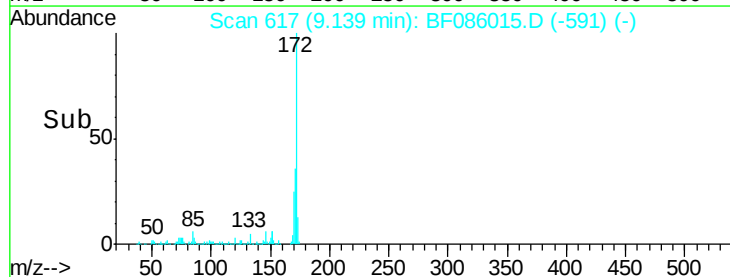
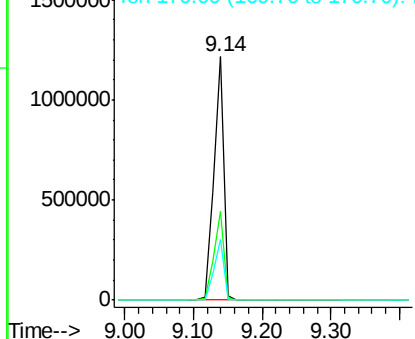


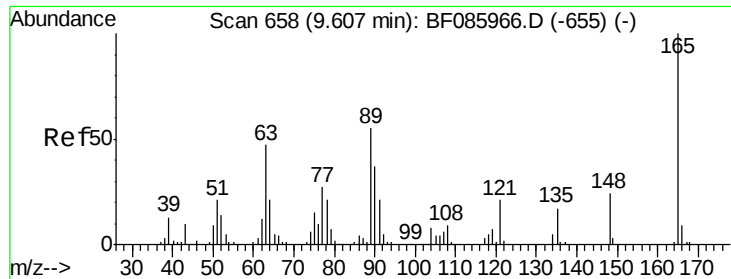
#44
 2-Fluorobiphenyl
 Concen: 117.85 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086015.D
 Acq: 2 Apr 2016 16:53

Tgt Ion:172 Resp: 1240752
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.8 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

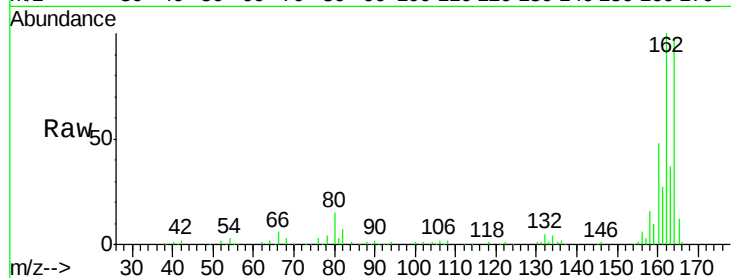




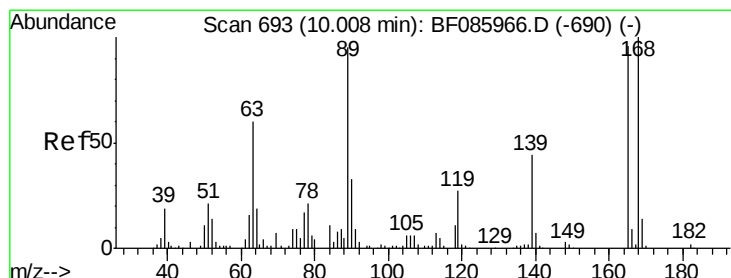
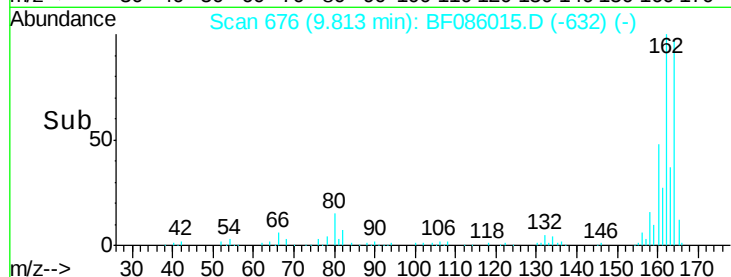
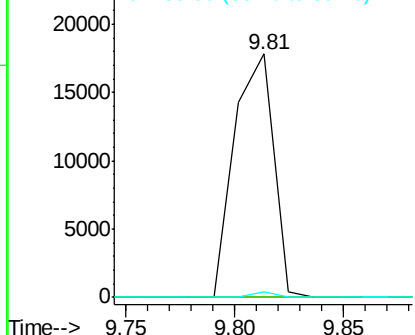
#50
 2,6-Dinitrotoluene
 Concen: 8.13 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.21 min
 Lab File: BF086015.D
 Acq: 2 Apr 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:165 Resp: 22321
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.8#
 89 2.3 53.7 80.5#



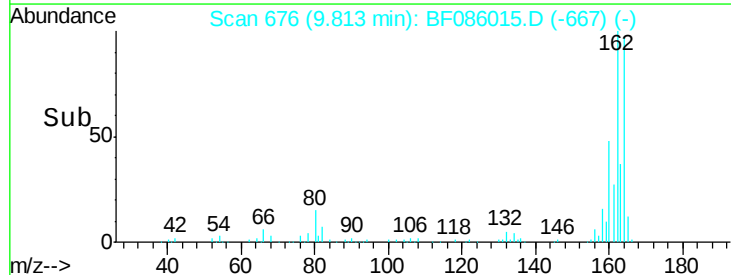
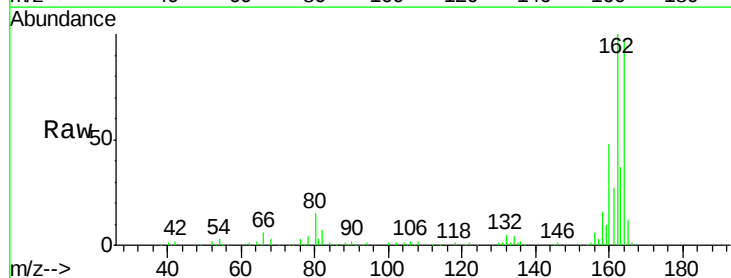
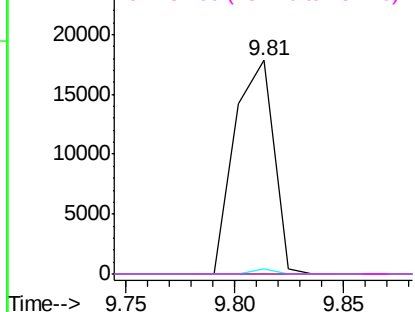
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

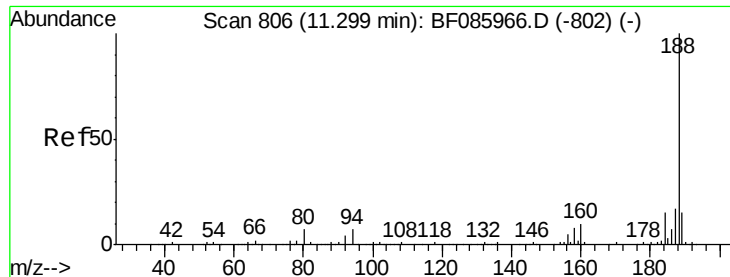


#56
 2,4-Dinitrotoluene
 Concen: 6.43 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.19 min
 Lab File: BF086015.D
 Acq: 2 Apr 2016 16:53

Tgt Ion:165 Resp: 22321
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.9 37.3#
 89 2.3 41.0 61.6#
 182 0.0 2.1 3.1#

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
 Ion 182.00 (181.70 to 182.70): E

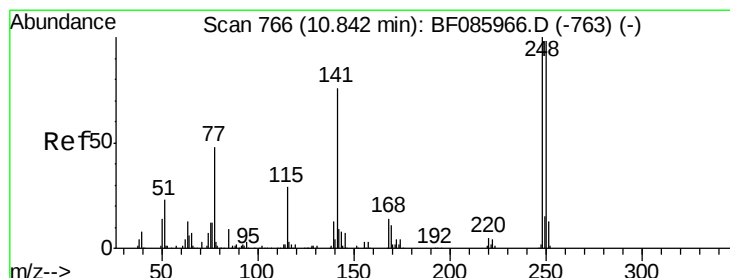
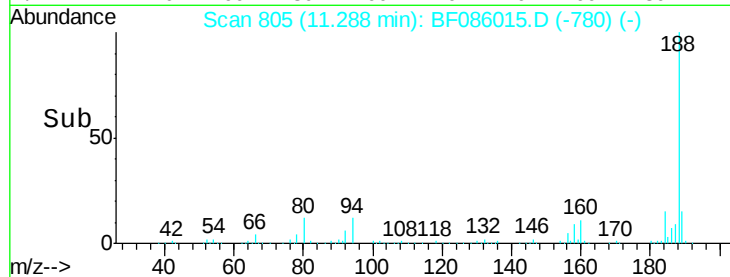
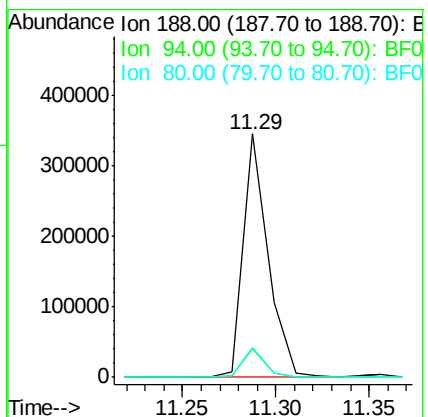
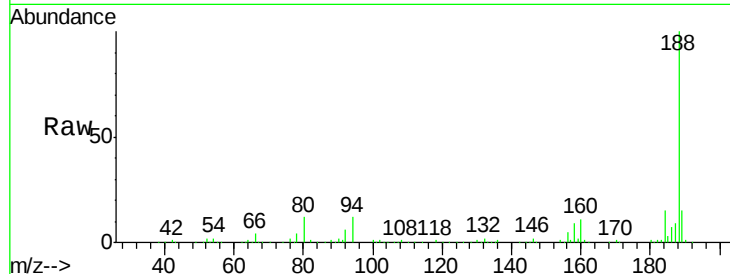




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF086015.D
 Acq: 2 Apr 2016 16:53

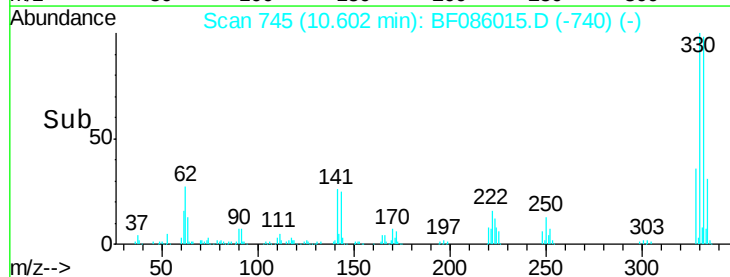
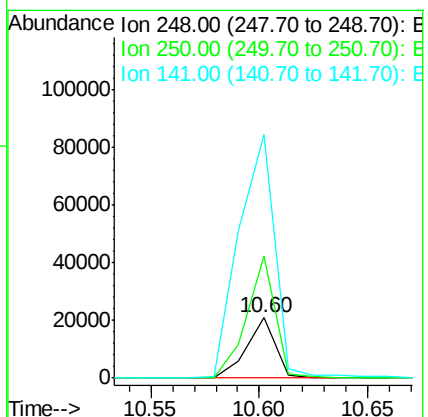
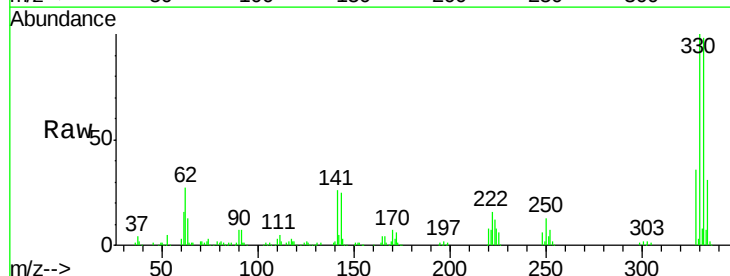
Instrument :
 BNA_F
 ClientSampleId :
 FB

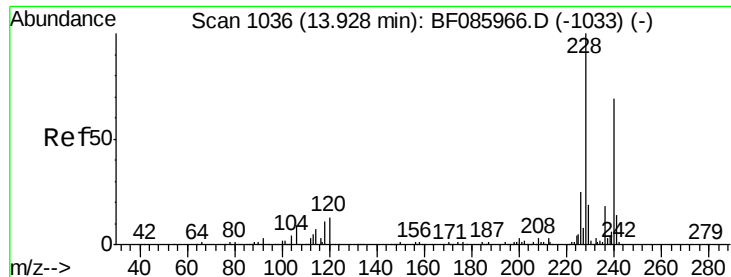
Tgt Ion:188 Resp: 321285
 Ion Ratio Lower Upper
 188 100
 94 11.7 5.4 8.0#
 80 12.3 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 5.77 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.24 min
 Lab File: BF086015.D
 Acq: 2 Apr 2016 16:53

Tgt Ion:248 Resp: 18913
 Ion Ratio Lower Upper
 248 100
 250 202.0 77.4 116.0#
 141 404.9 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

Instrument :

BNA_F

ClientSampleId :

FB

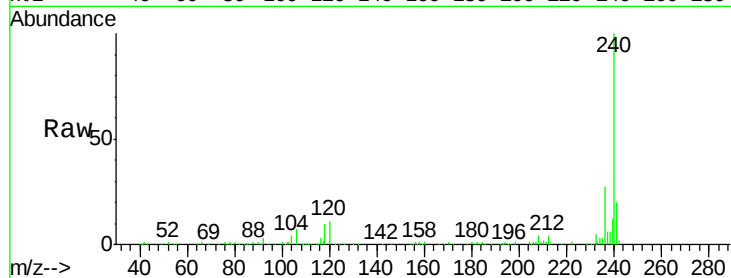
Tgt Ion:240 Resp: 204757

Ion Ratio Lower Upper

240 100

120 11.4 13.8 20.8#

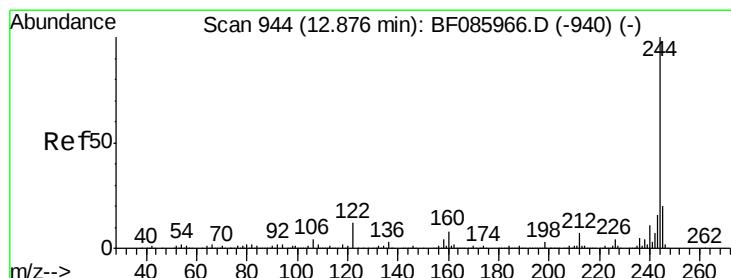
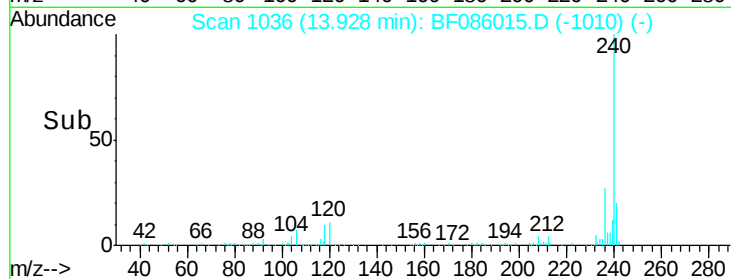
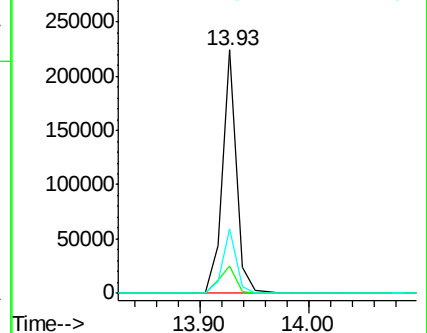
236 26.7 20.6 30.8



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: 109.51 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086015.D

Acq: 2 Apr 2016 16:53

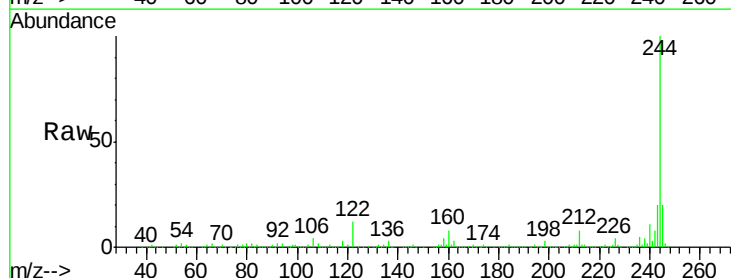
Tgt Ion:244 Resp: 953918

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

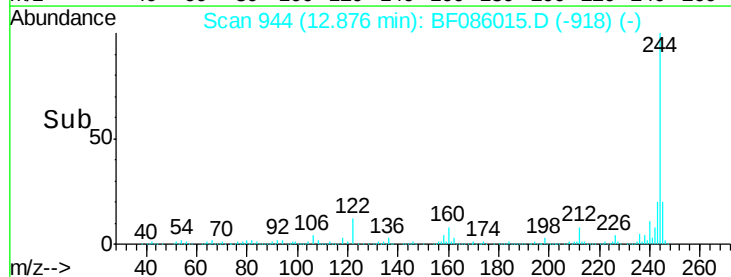
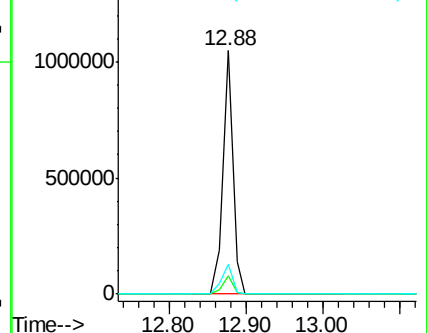
122 12.4 10.2 15.4

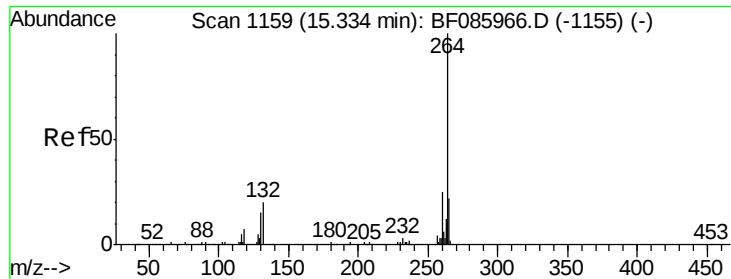


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086015.D
Acq: 2 Apr 2016 16:53

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.7	17.2	25.8

