

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010716\
 Data File : BF084318.D
 Acq On : 8 Jan 2016 00:38
 Operator : SJ/UM
 Sample : H1028-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BFB

Quant Time: Jan 08 04:44:31 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

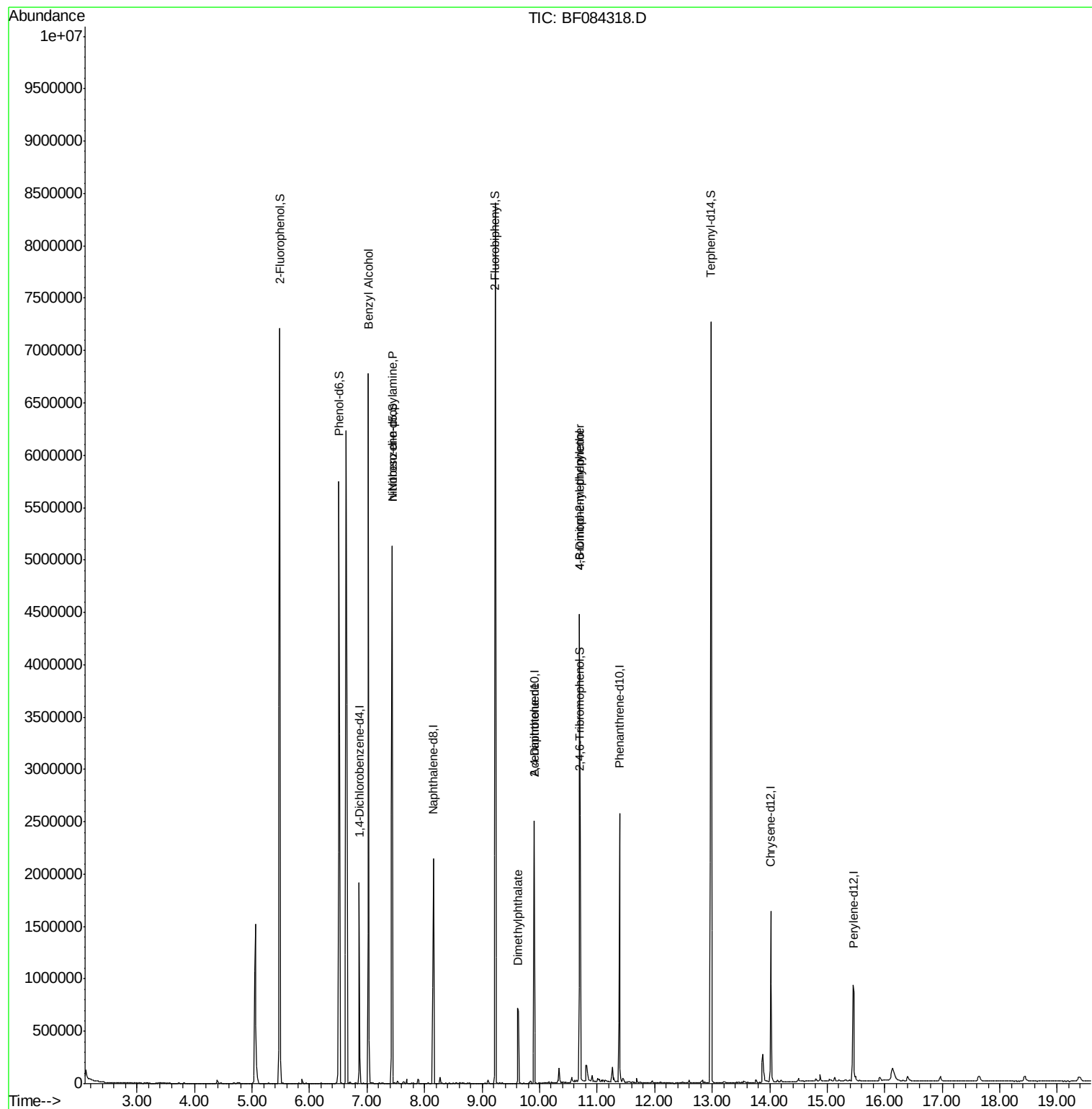
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	245017	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1042747	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	471697	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	870518	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	664708	20.00	ng	-0.05
86) Perylene-d12	15.46	264	521346	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2008532	132.59	ng	-0.01
7) Phenol-d6	6.51	99	2698275	141.83	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1794419	95.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	715912	150.33	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2506292	94.15	ng	-0.03
78) Terphenyl-d14	12.98	244	2330718	78.27	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.02	79	33593	2.10	ng	# 47
19) n-Nitroso-di-n-propylamine	7.44	70	260613	20.24	ng	# 72
49) Dimethylphthalate	9.63	163	453431	13.45	ng	# 91
54) Dibenzofuran	10.11	168	678	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.90	165	61740	6.60	ng	# 21
57) Fluorene	10.45	166	771	Below Cal	#	70
64) 4,6-Dinitro-2-methylphenol	10.69	198	1765	6.67	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	42542	4.54	ng	# 1
73) Di-n-butylphthalate	11.95	149	15509	Below Cal	#	90

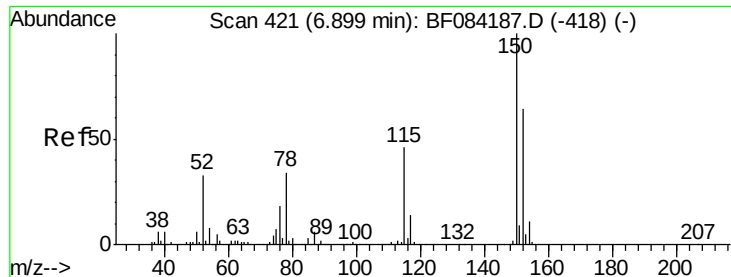
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 08 04:44:31 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: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084318.D

Acq: 8 Jan 2016 00:38

Instrument :

BNA_F

ClientSampleId :

BFB

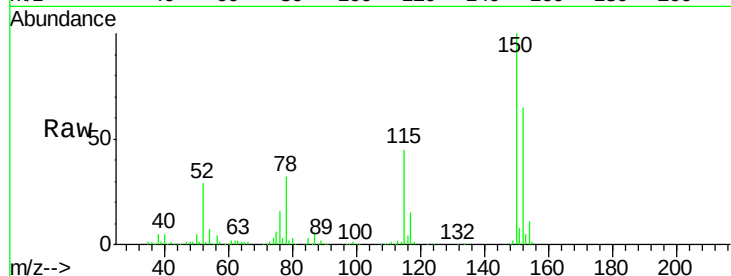
Tgt Ion:152 Resp: 245017

Ion Ratio Lower Upper

152 100

150 154.0 123.0 184.4

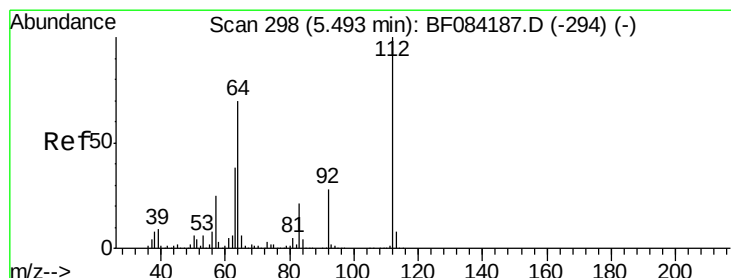
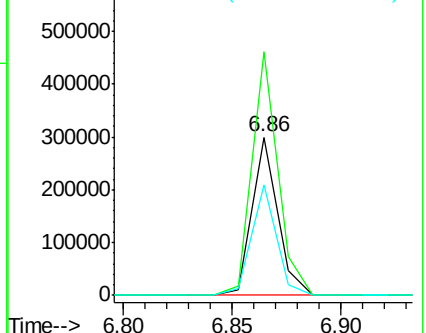
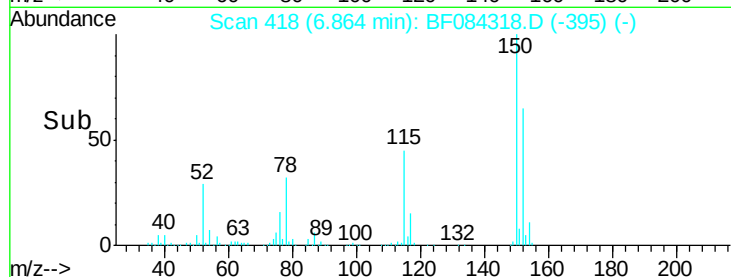
115 70.0 51.4 77.2



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: 132.59 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084318.D

Acq: 8 Jan 2016 00:38

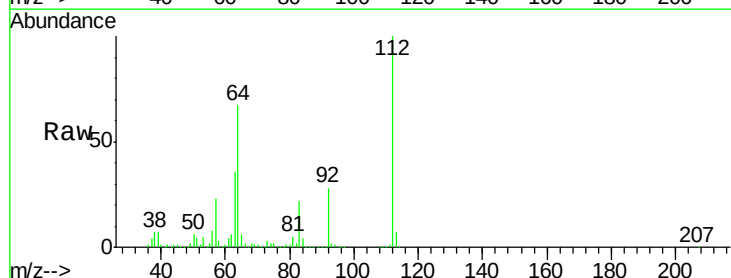
Tgt Ion:112 Resp: 2008532

Ion Ratio Lower Upper

112 100

64 67.5 36.6 55.0#

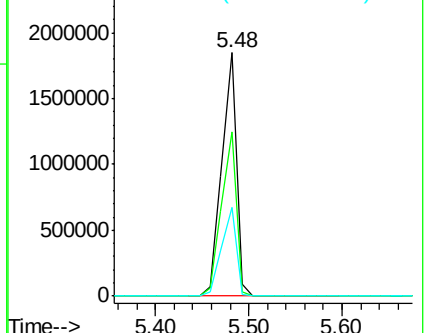
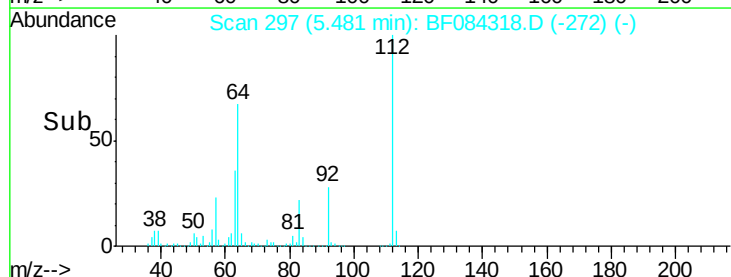
63 36.4 19.4 29.0#

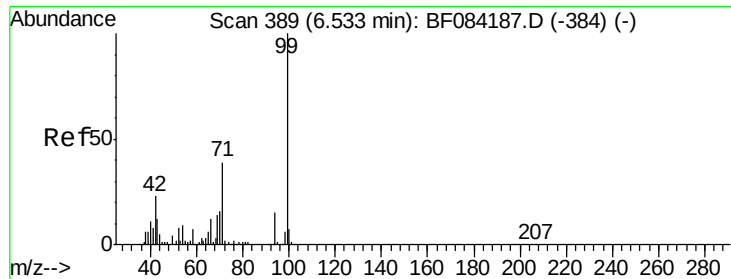


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.83 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084318.D

Acq: 8 Jan 2016 00:38

Instrument :

BNA_F

ClientSampleId :

BFB

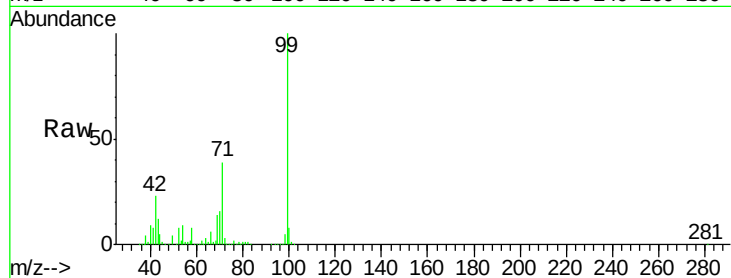
Tgt Ion: 99 Resp: 2698275

Ion Ratio Lower Upper

99 100

42 23.2 12.8 19.2#

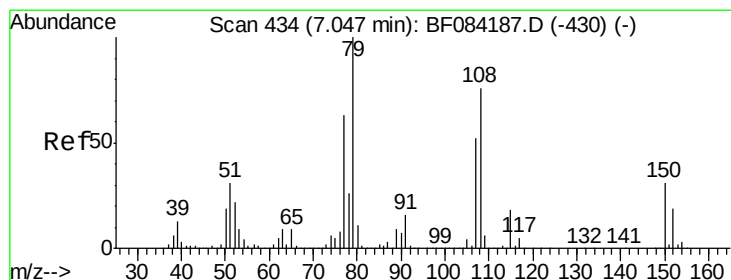
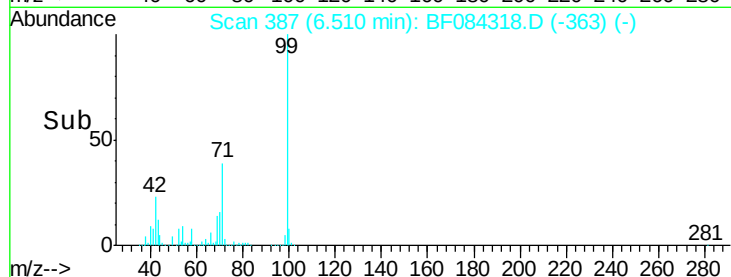
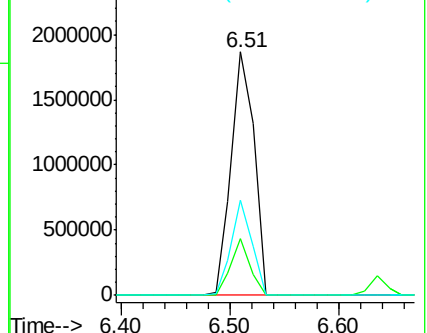
71 38.9 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF084318.D

Acq: 8 Jan 2016 00:38

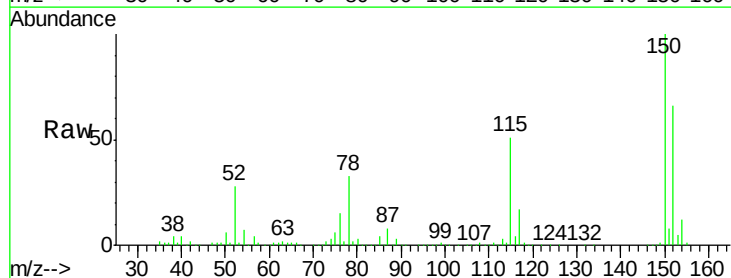
Tgt Ion: 79 Resp: 33593

Ion Ratio Lower Upper

79 100

108 25.7 69.0 103.4#

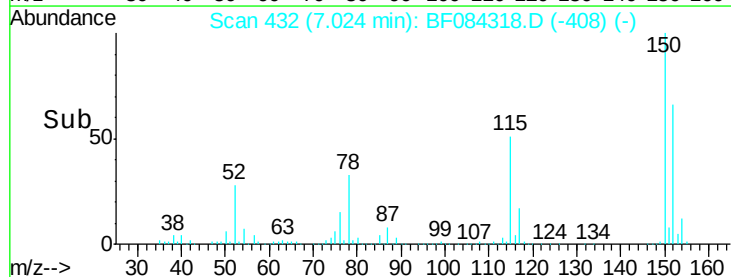
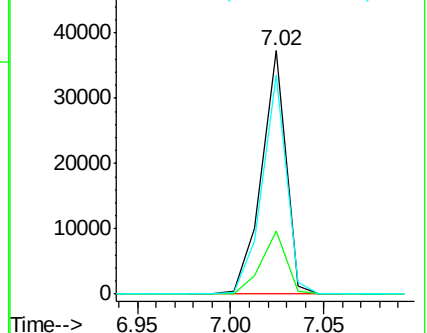
77 90.0 50.0 75.0#

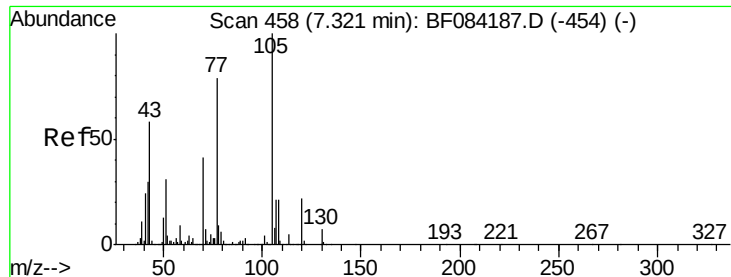


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

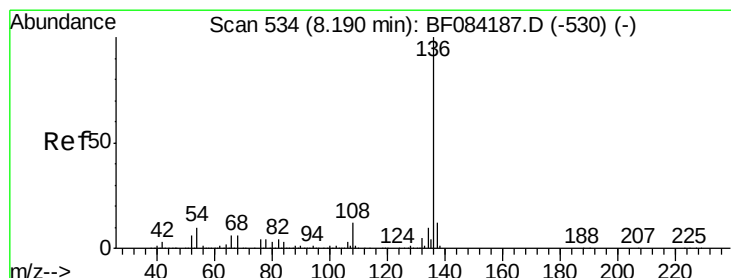
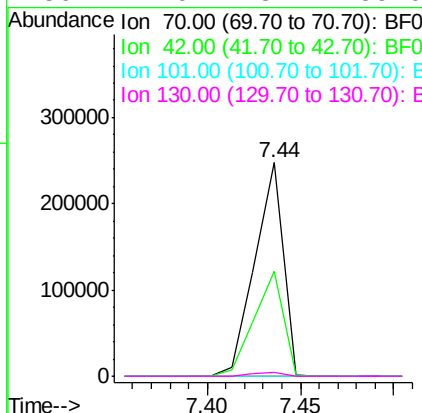
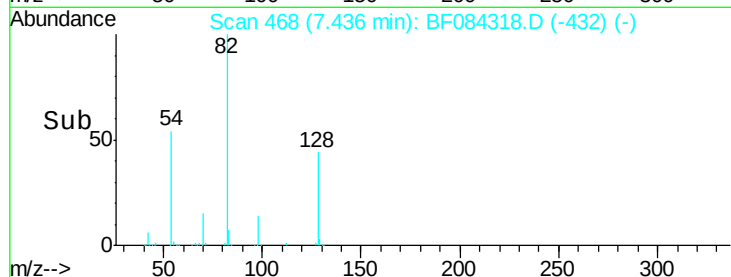
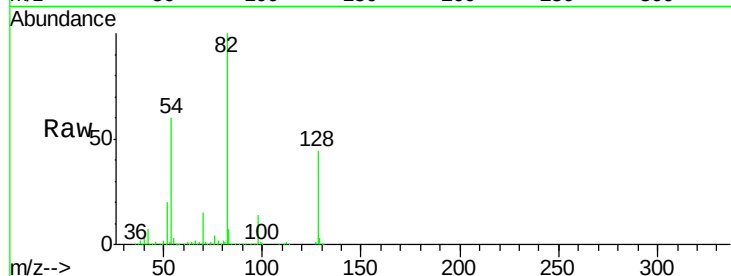




#19
n-Nitroso-di-n-propylamine
Concen: 20.24 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084318.D
Acq: 8 Jan 2016 00:38

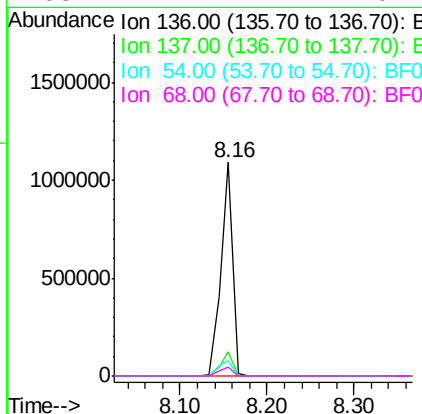
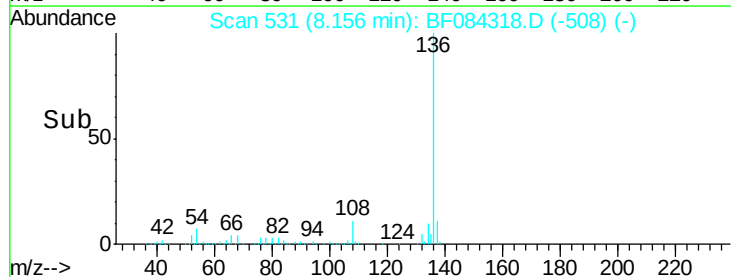
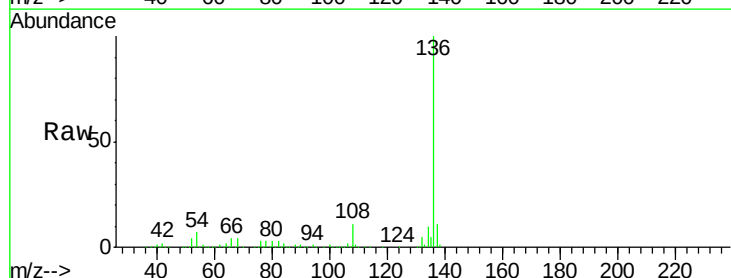
Instrument :
BNA_F
ClientSampleId :
BFB

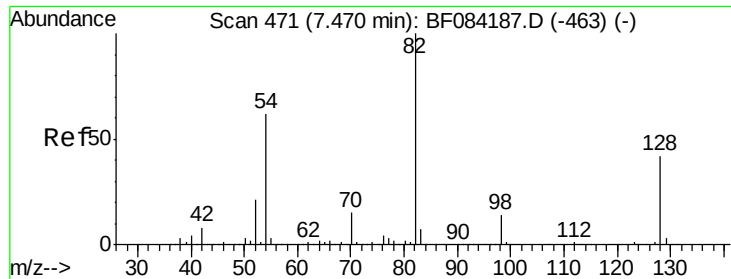
Tgt Ion: 70 Resp: 260613
Ion Ratio Lower Upper
70 100
42 49.3 33.3 49.9
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084318.D
Acq: 8 Jan 2016 00:38

Tgt Ion: 136 Resp: 1042747
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.4 5.8 8.8
68 4.2 4.2 6.2

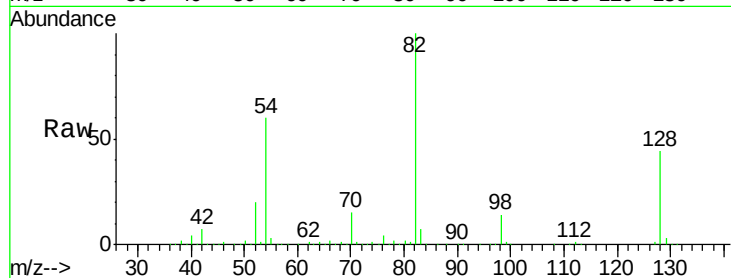




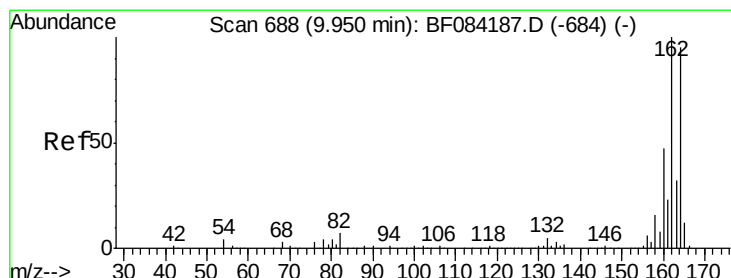
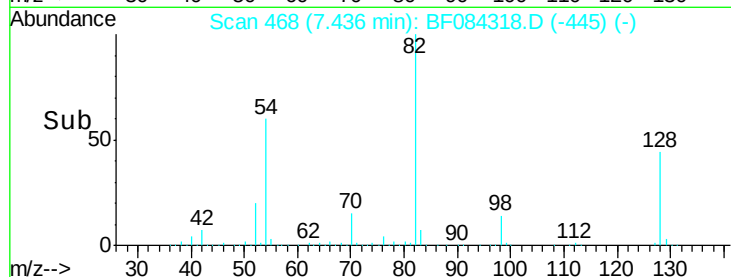
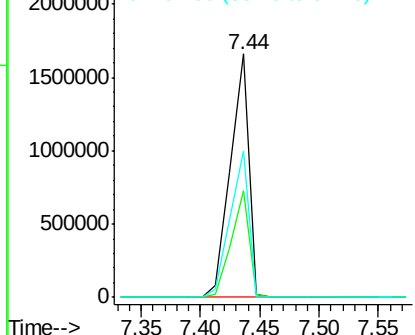
#23
 Nitrobenzene-d5
 Concen: 95.77 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084318.D
 Acq: 8 Jan 2016 00:38

Instrument :
 BNA_F
 ClientSampled :
 BFB

Tgt Ion: 82 Resp: 1794419
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.6 51.8
 54 60.2 38.4 57.6#

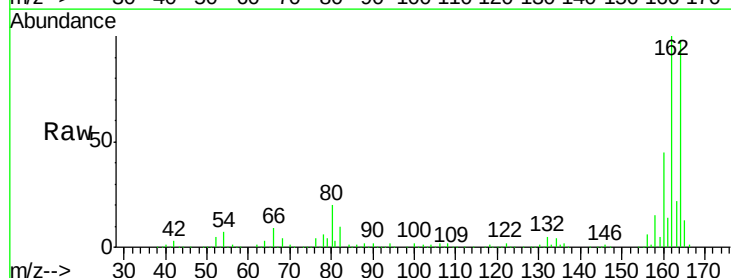


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

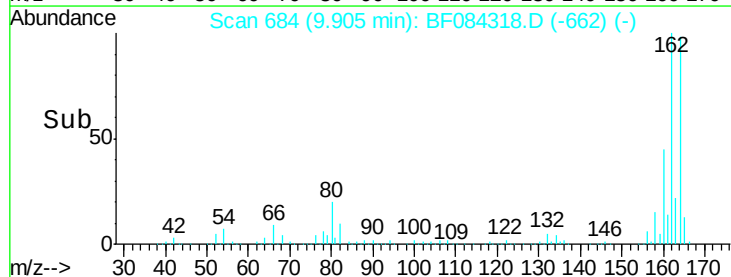
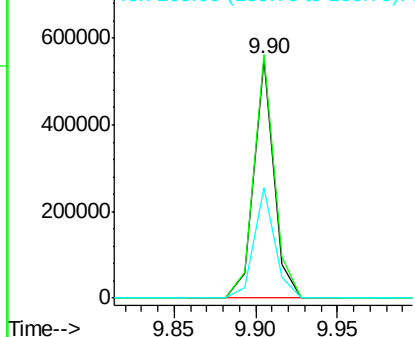


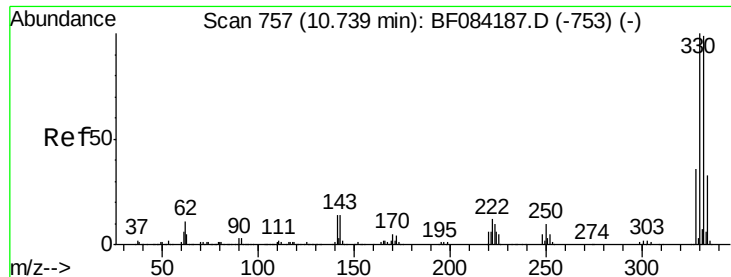
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084318.D
 Acq: 8 Jan 2016 00:38

Tgt Ion: 164 Resp: 471697
 Ion Ratio Lower Upper
 164 100
 162 102.0 85.1 127.7
 160 46.1 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

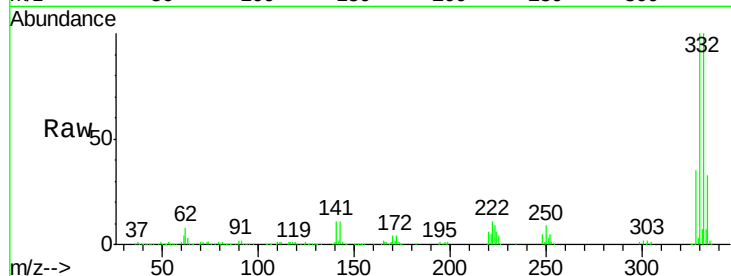




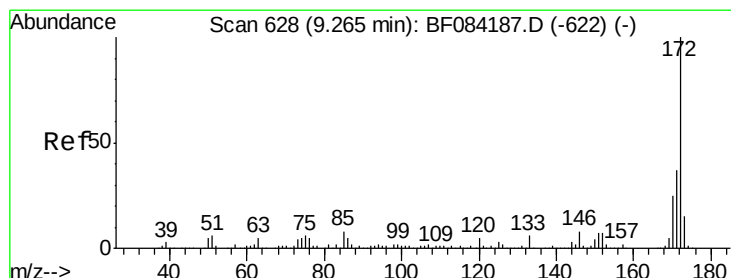
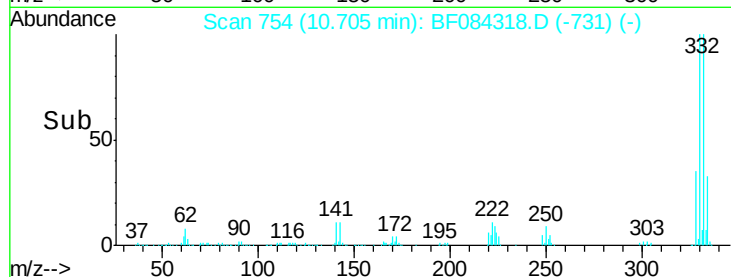
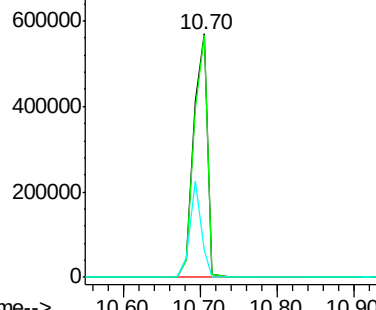
#41
 2,4,6-Tribromophenol
 Concen: 150.33 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084318.D
 Acq: 8 Jan 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 BFB

Tgt Ion:330 Resp: 715912
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 32.6 27.8 41.6

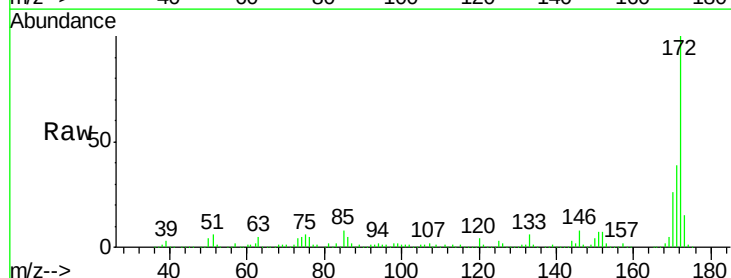


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

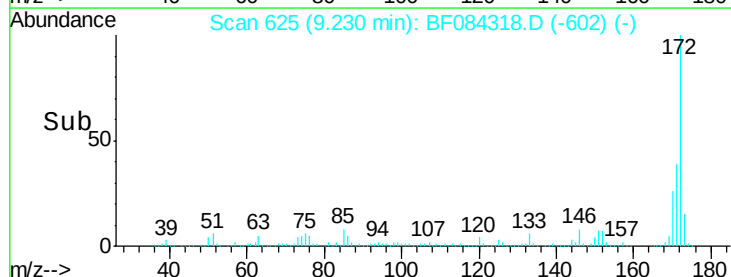
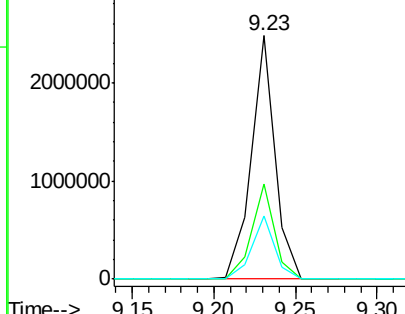


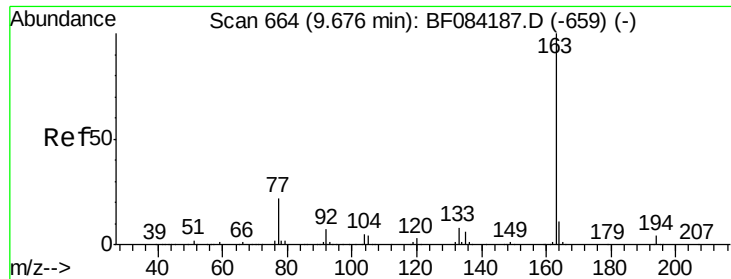
#44
 2-Fluorobiphenyl
 Concen: 94.15 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084318.D
 Acq: 8 Jan 2016 00:38

Tgt Ion:172 Resp: 2506292
 Ion Ratio Lower Upper
 172 100
 171 39.0 28.9 43.3
 170 26.2 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





#49

Dimethylphthalate

Concen: 13.45 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF084318.D

Acq: 8 Jan 2016 00:38

Instrument :

BNA_F

ClientSampleId :

BFB

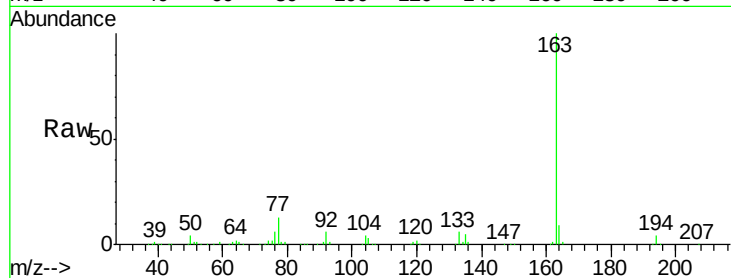
Tgt Ion:163 Resp: 453431

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

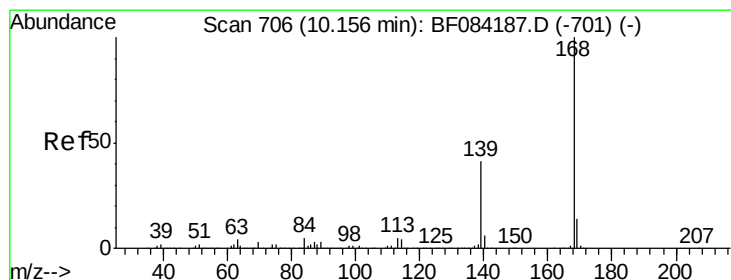
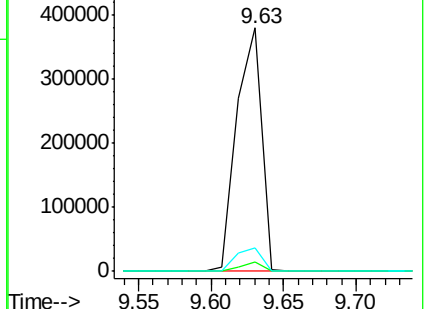
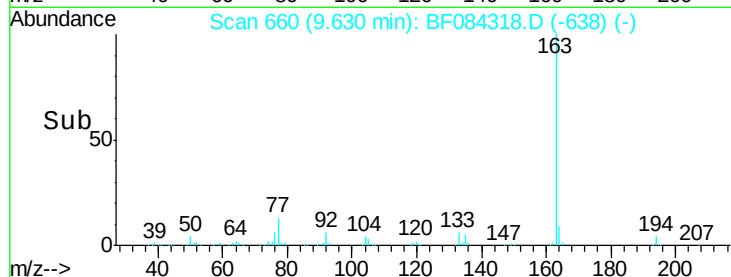
164 9.5 8.0 12.0



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



#54

Dibenzofuran

Concen: Below Cal

RT: 10.11 min Scan# 702

Delta R.T. -0.05 min

Lab File: BF084318.D

Acq: 8 Jan 2016 00:38

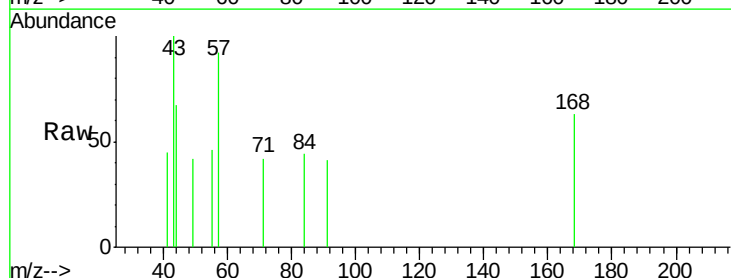
Tgt Ion:168 Resp: 678

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

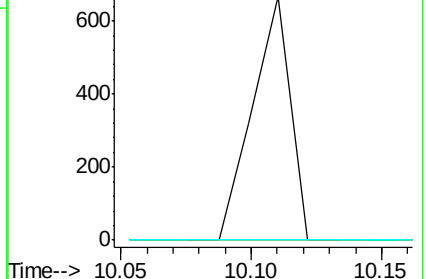
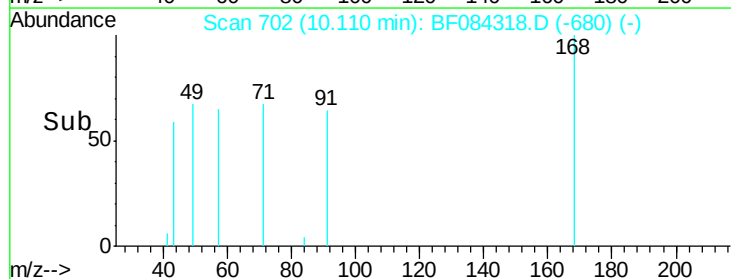
169 0.0 10.4 15.6#

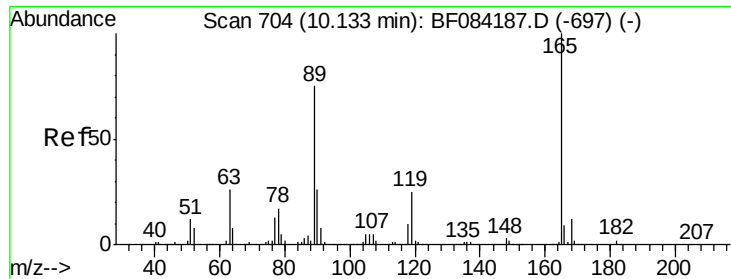


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

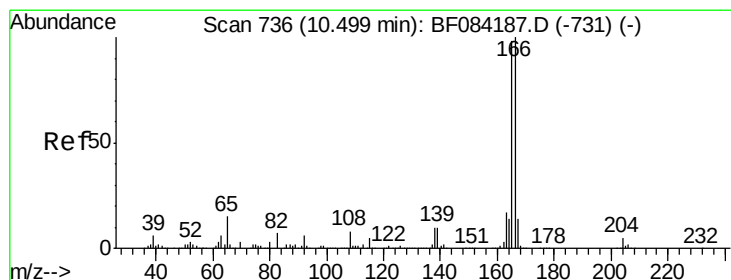
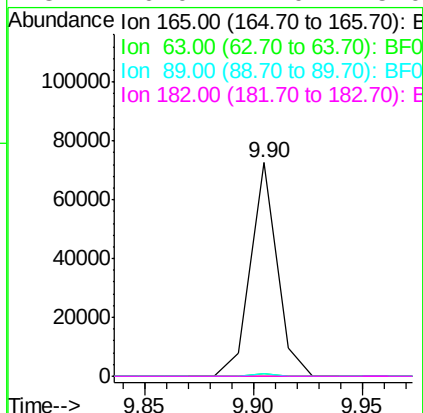
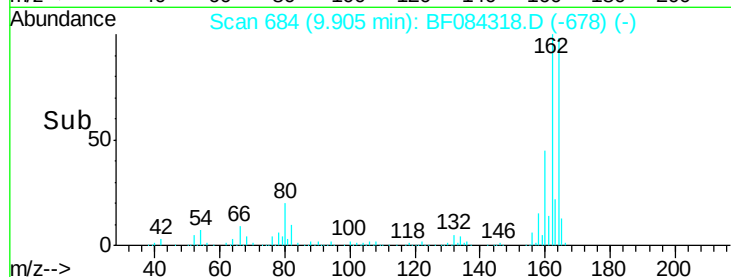
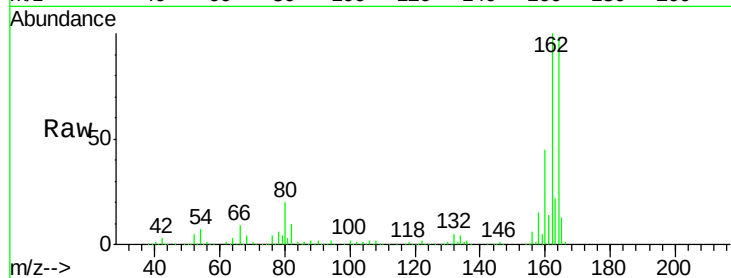




#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084318.D
Acq: 8 Jan 2016 00:38

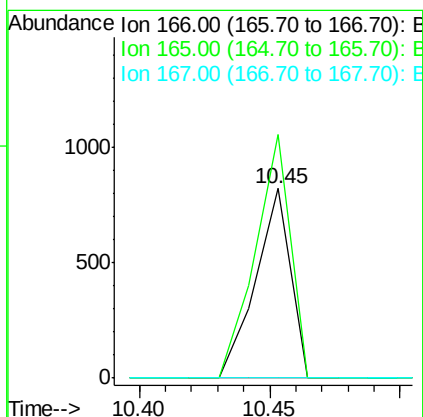
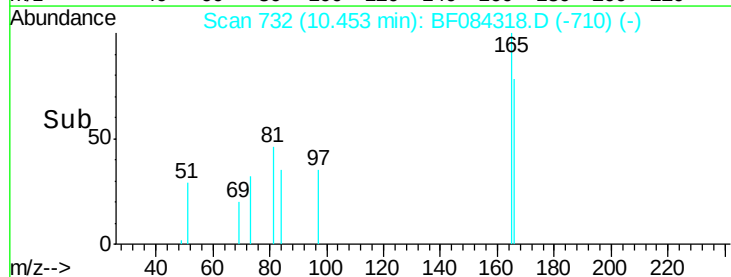
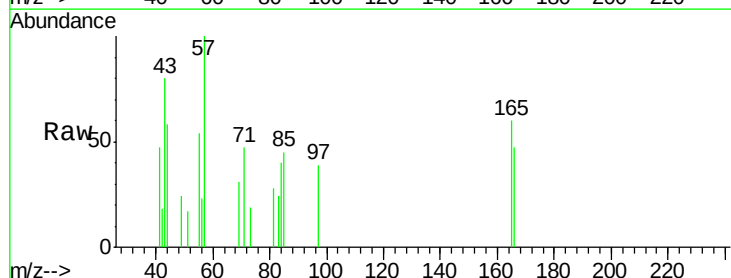
Instrument :
BNA_F
ClientSampleId :
BFB

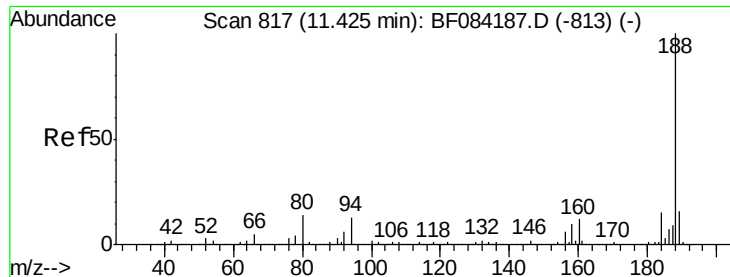
Tgt Ion:165 Resp: 61740
Ion Ratio Lower Upper
165 100
63 1.0 36.7 55.1#
89 1.3 61.9 92.9#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF084318.D
Acq: 8 Jan 2016 00:38

Tgt Ion:166 Resp: 771
Ion Ratio Lower Upper
166 100
165 128.3 79.1 118.7#
167 0.0 10.4 15.6#

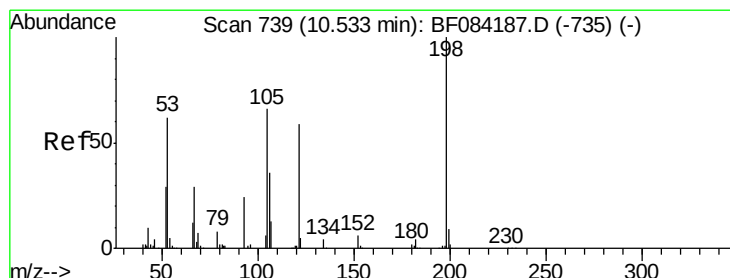
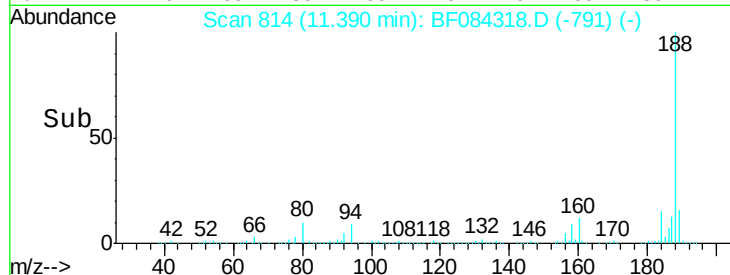
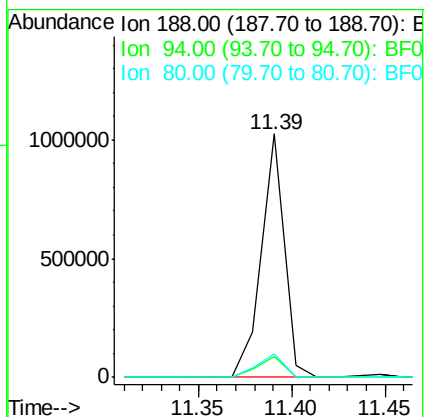
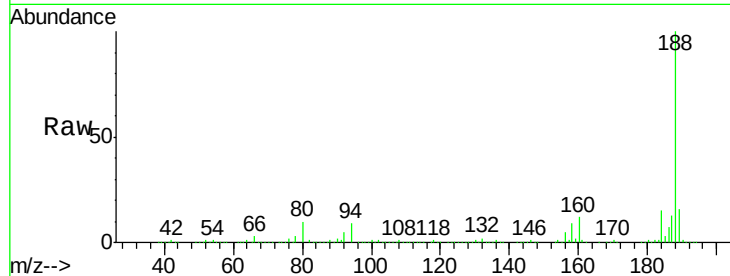




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084318.D
Acq: 8 Jan 2016 00:38

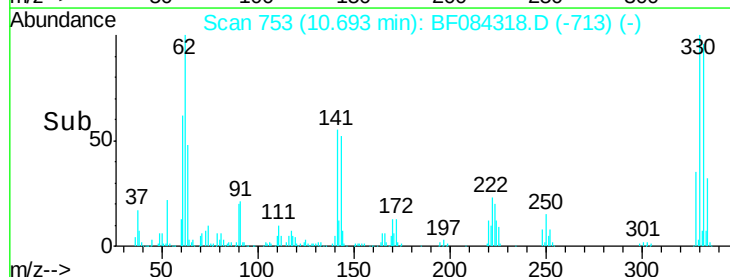
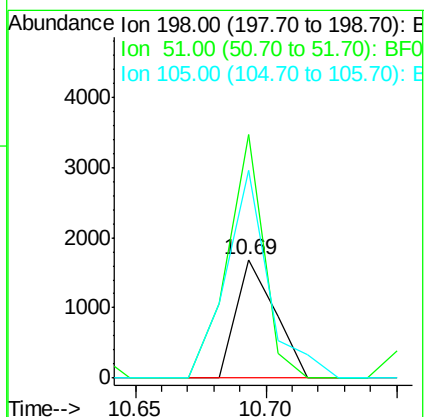
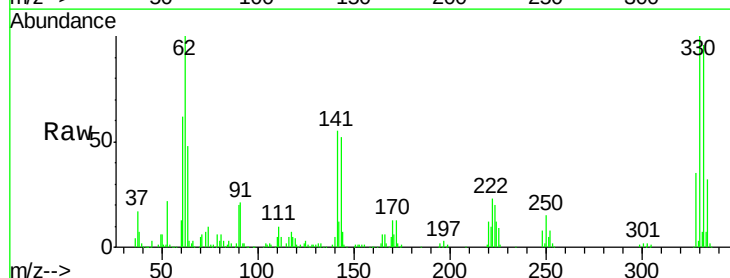
Instrument :
BNA_F
ClientSampleId :
BFB

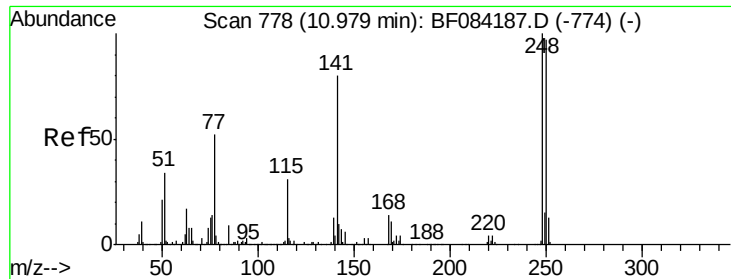
Tgt Ion:188 Resp: 870518
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.6 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 6.67 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF084318.D
Acq: 8 Jan 2016 00:38

Tgt Ion:198 Resp: 1765
Ion Ratio Lower Upper
198 100
51 204.9 18.9 58.9#
105 174.6 26.4 66.4#

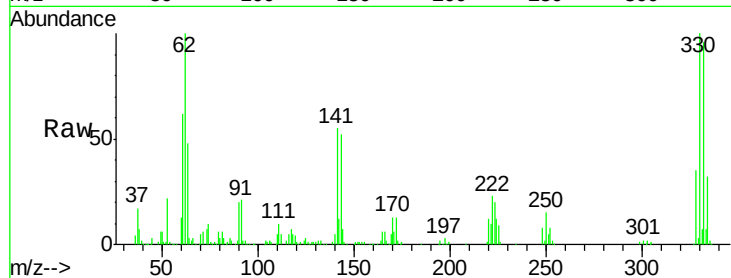




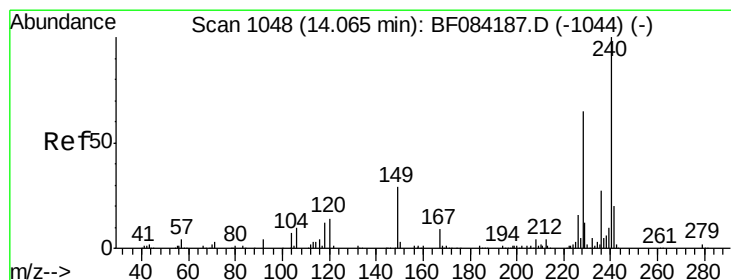
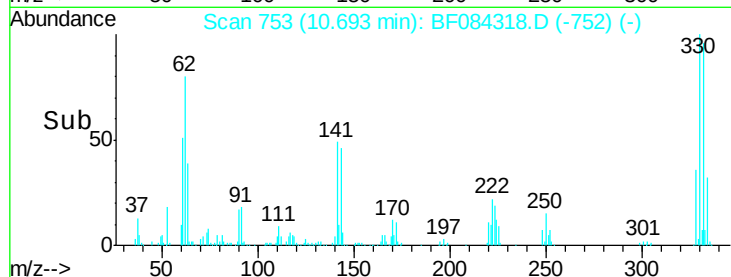
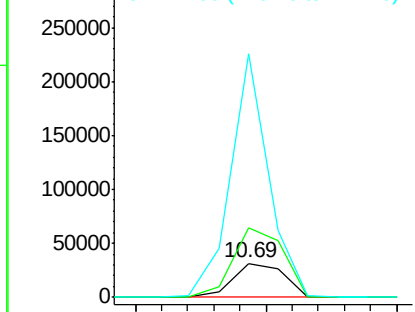
#66
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084318.D
Acq: 8 Jan 2016 00:38

Instrument :
BNA_F
ClientSampleId :
BFB

Tgt Ion:248 Resp: 42542
Ion Ratio Lower Upper
248 100
250 204.7 78.4 117.6#
141 722.5 44.0 66.0#

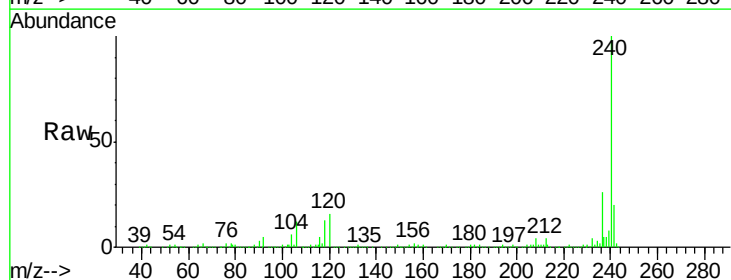


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

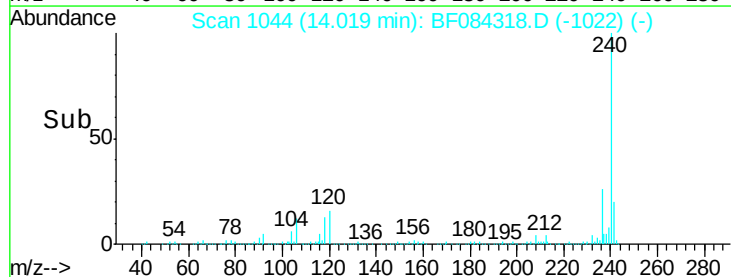
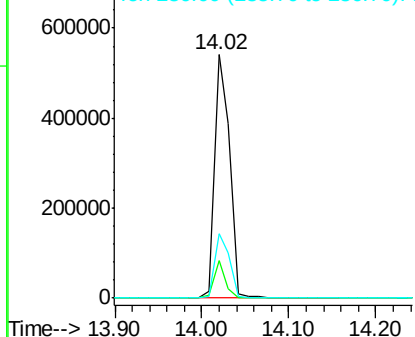


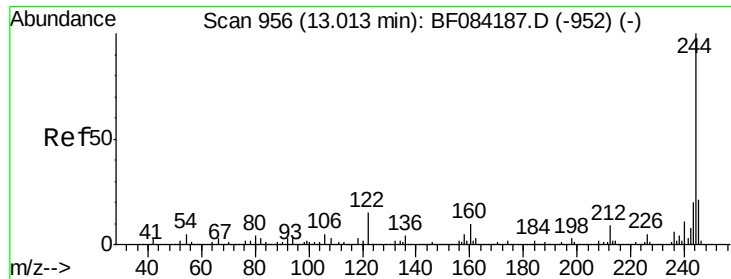
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084318.D
Acq: 8 Jan 2016 00:38

Tgt Ion:240 Resp: 664708
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 26.2 20.6 31.0



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

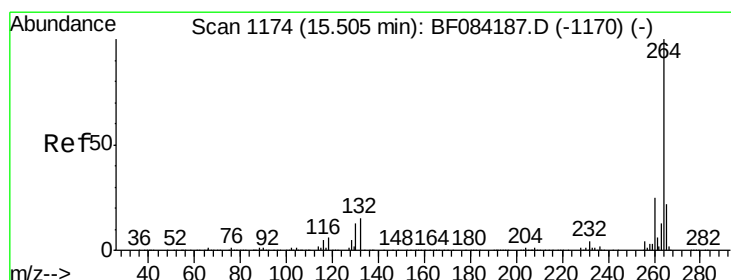
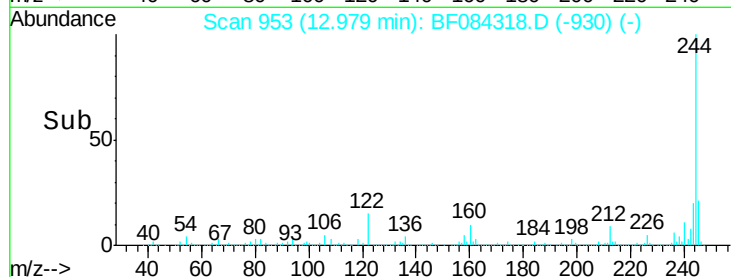
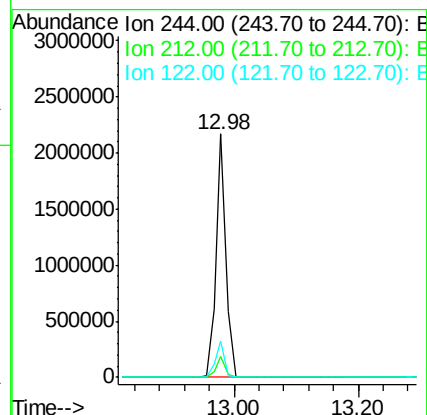
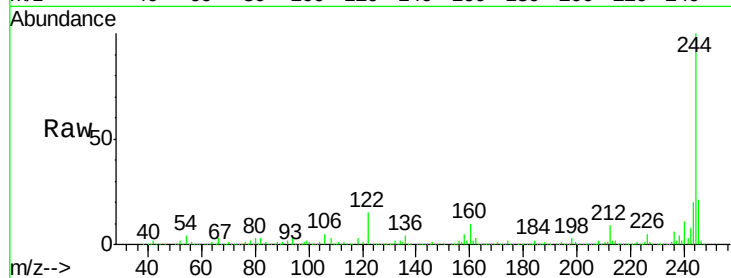




#78
 Terphenyl-d14
 Concen: 78.27 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084318.D
 Acq: 8 Jan 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 BFB

Tgt Ion:244 Resp: 2330718
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.7 8.5#
 122 14.7 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF084318.D
 Acq: 8 Jan 2016 00:38

Tgt Ion:264 Resp: 521346
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.5 17.8 26.6

