

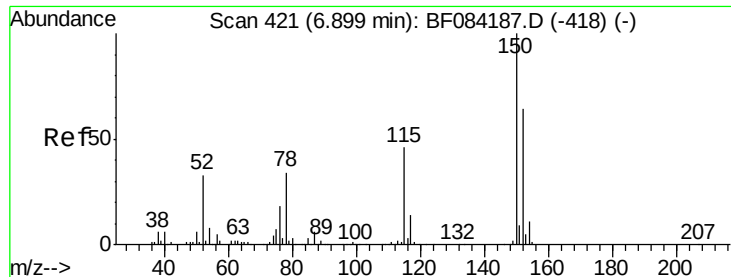
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084380.D
 Acq On : 11 Jan 2016 15:26
 Operator : SJ/UM
 Sample : H1043-20RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5COMP

Quant Time: Jan 12 01:40:18 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	6.85	152	254071	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1028859	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	456705	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	766679	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	487724	20.00	ng	-0.06
86) Perylene-d12	15.44	264	430152	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1682183	107.09	ng	-0.02
7) Phenol-d6	6.51	99	2441467	123.76	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1598744	86.48	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	489296	106.12	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	2032138	77.73	ng	-0.04
78) Terphenyl-d14	12.97	244	1722515	78.83	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	225719	16.90	ng	# 71
49) Dimethylphthalate	9.62	163	600671	18.40	ng	# 90
54) Dibenzofuran	10.10	168	713	Below Cal	#	73
56) 2,4-Dinitrotoluene	9.89	165	59626	6.58	ng	# 21
57) Fluorene	10.68	166	19102	Below Cal	#	85
64) 4,6-Dinitro-2-methylphenol	10.68	198	865	6.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	29059	3.52	ng	# 1
73) Di-n-butylphthalate	11.94	149	3757	Below Cal	#	79

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

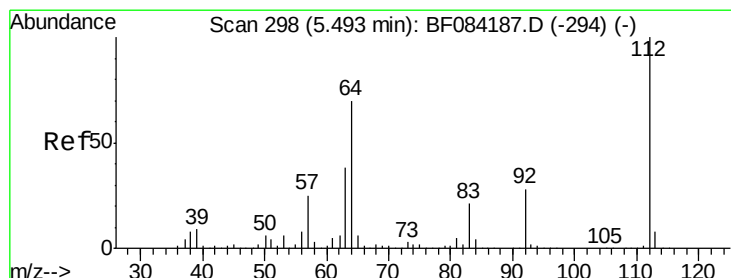
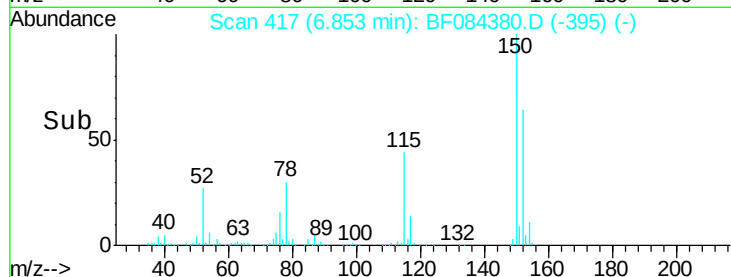
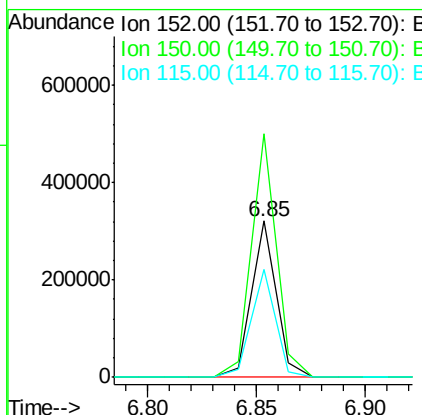
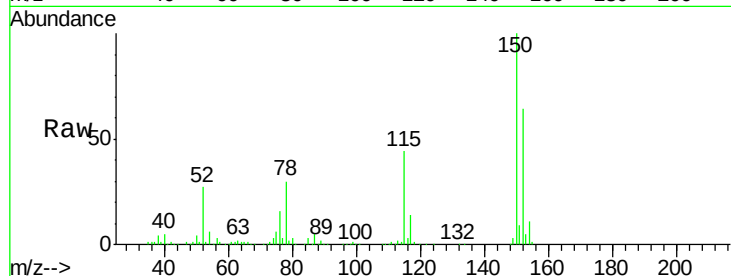


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084380.D
Acq: 11 Jan 2016 15:26

Instrument :
BNA_F
ClientSampleId :
SB-5COMP

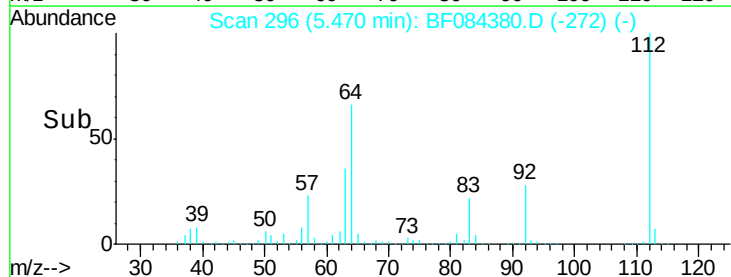
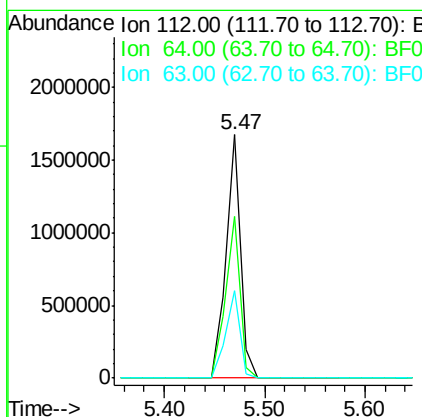
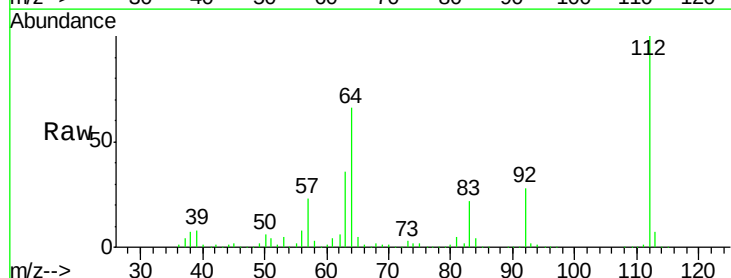
Tgt Ion:152 Resp: 254071
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.4
115 68.8 51.4 77.2

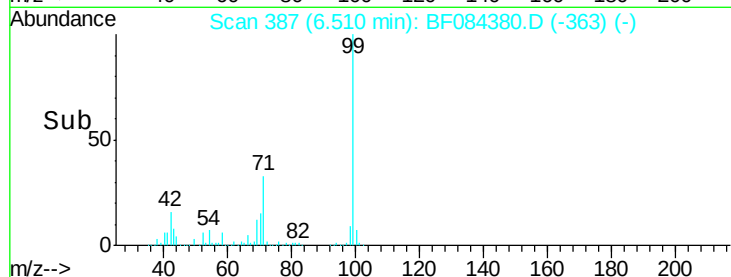
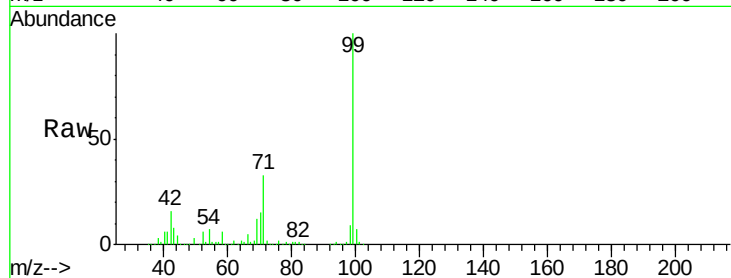
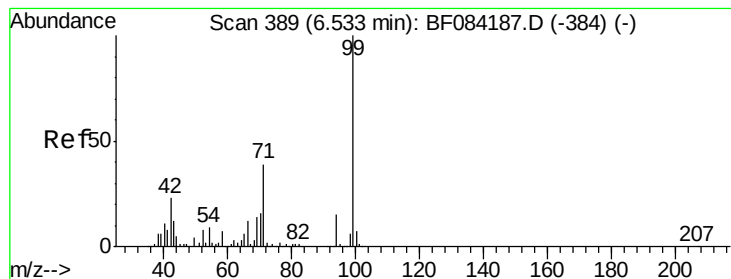


#5

2-Fluorophenol
Concen: 107.09 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084380.D
Acq: 11 Jan 2016 15:26

Tgt Ion:112 Resp: 1682183
Ion Ratio Lower Upper
112 100
64 66.5 36.6 55.0#
63 36.2 19.4 29.0#





#7

Phenol-d6

Concen: 123.76 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084380.D

Acq: 11 Jan 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SB-5COMP

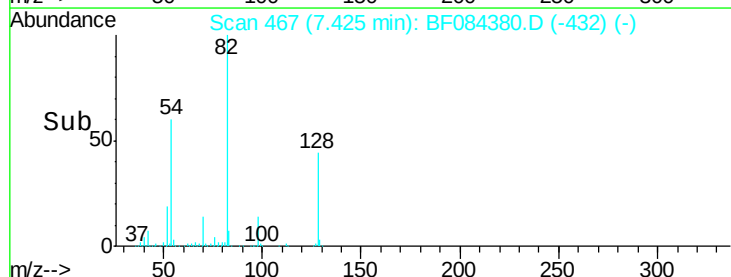
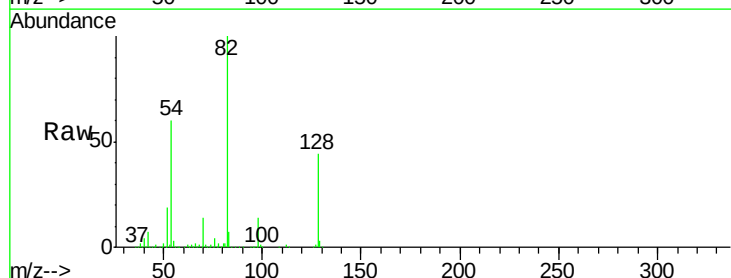
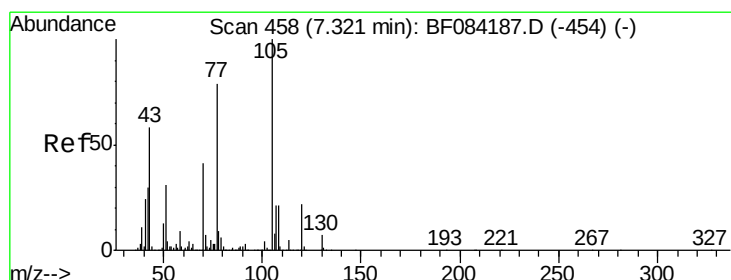
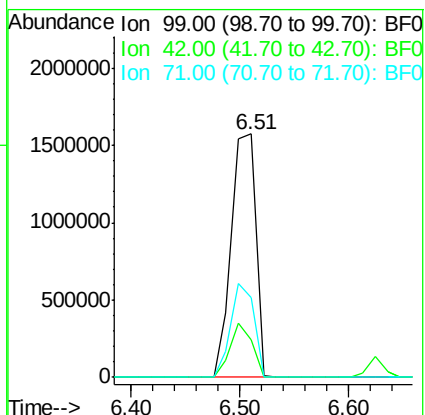
Tgt Ion: 99 Resp: 2441467

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

71 32.7 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.90 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084380.D

Acq: 11 Jan 2016 15:26

Tgt Ion: 70 Resp: 225719

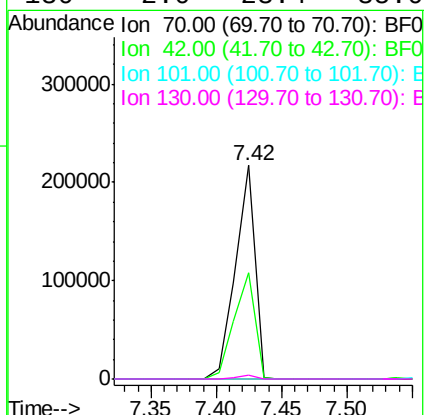
Ion Ratio Lower Upper

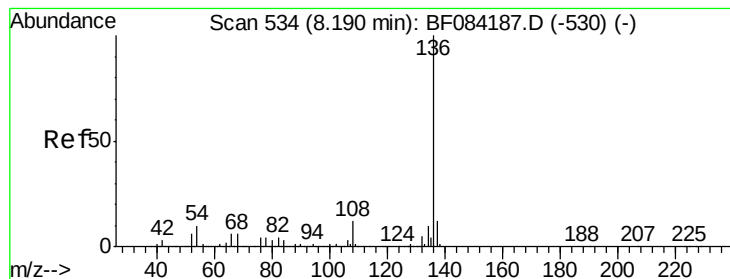
70 100

42 49.7 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: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084380.D

Acq: 11 Jan 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SB-5COMP

Tgt Ion:136 Resp: 1028859

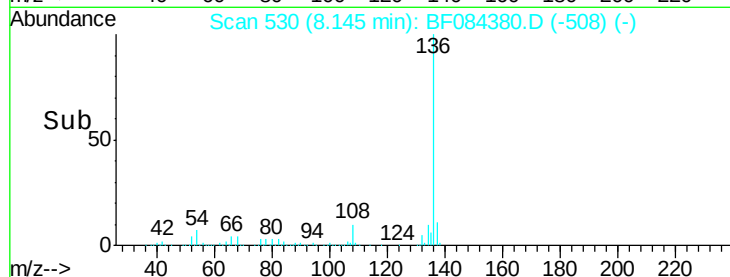
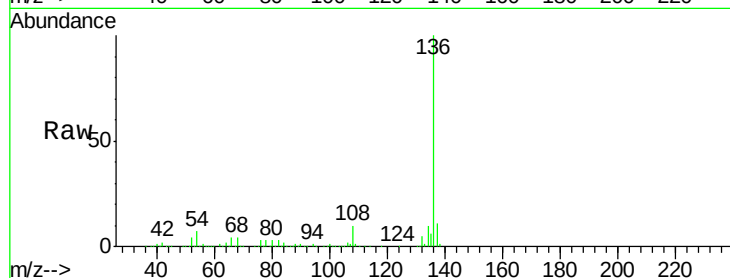
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.6 5.8 8.8

68 4.0 4.2 6.2#

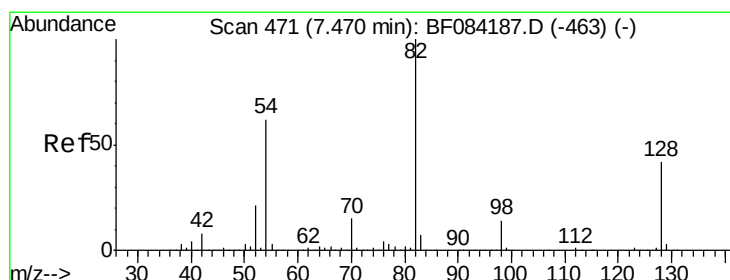
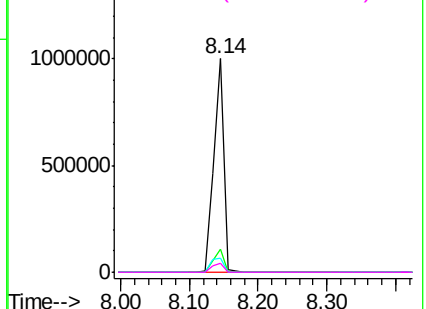


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.48 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084380.D

Acq: 11 Jan 2016 15:26

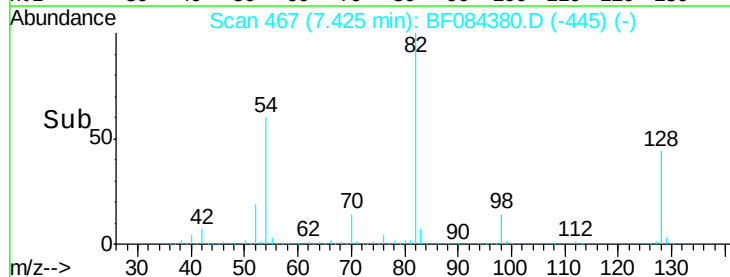
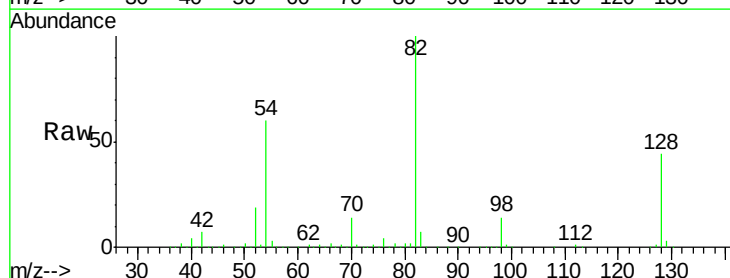
Tgt Ion: 82 Resp: 1598744

Ion Ratio Lower Upper

82 100

128 43.8 34.6 51.8

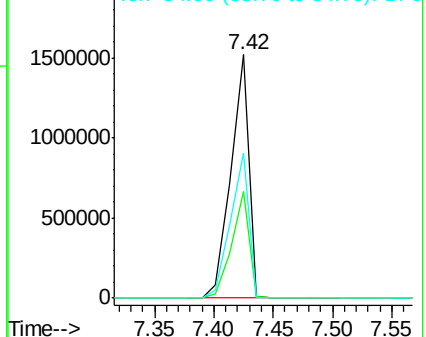
54 59.7 38.4 57.6#

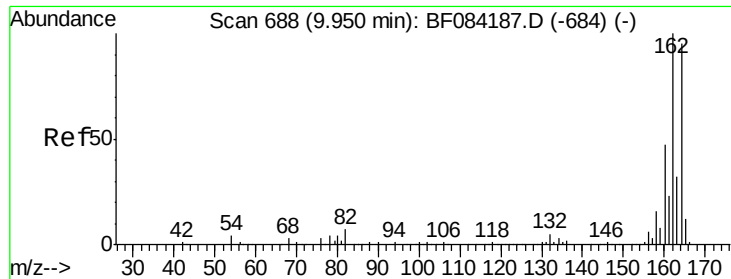


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

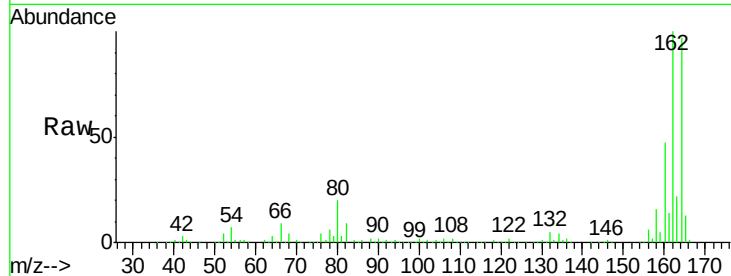




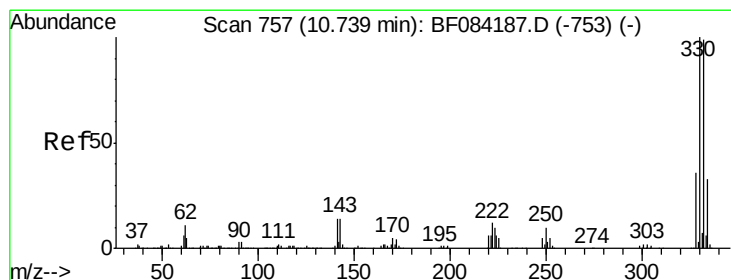
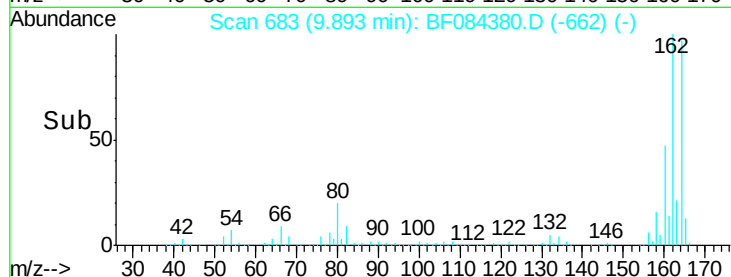
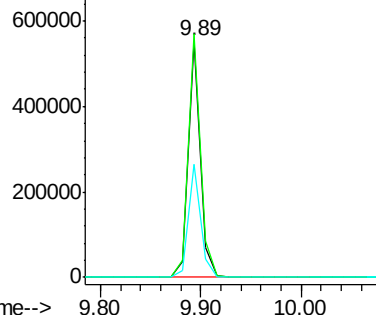
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084380.D
 Acq: 11 Jan 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-5COMP

Tgt Ion:164 Resp: 456705
 Ion Ratio Lower Upper
 164 100
 162 103.1 85.1 127.7
 160 48.0 37.5 56.3

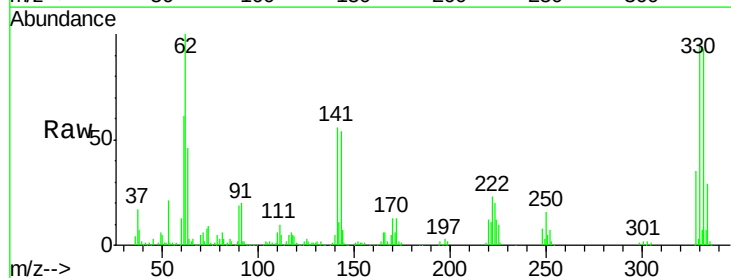


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

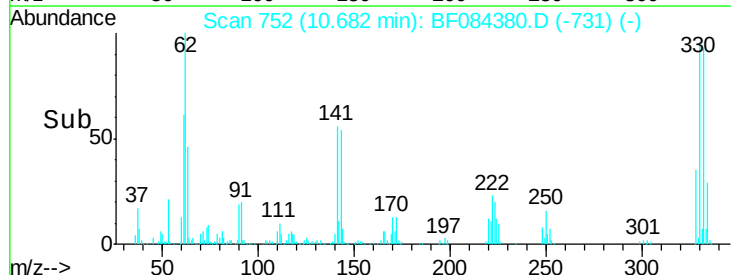
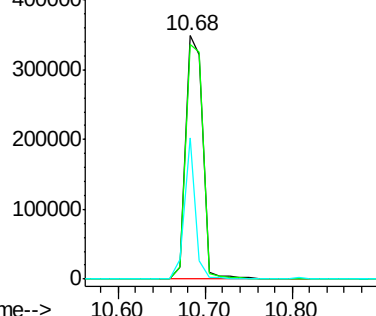


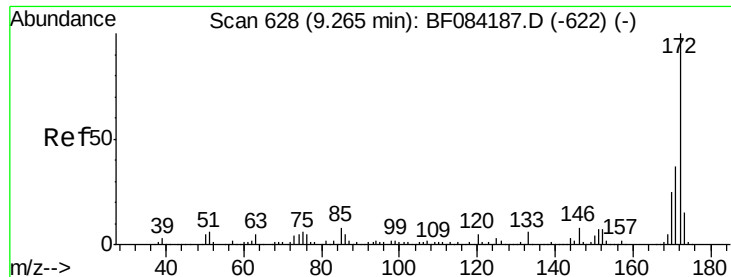
#41
 2,4,6-Tribromophenol
 Concen: 106.12 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084380.D
 Acq: 11 Jan 2016 15:26

Tgt Ion:330 Resp: 489296
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.6 114.8
 141 36.7 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

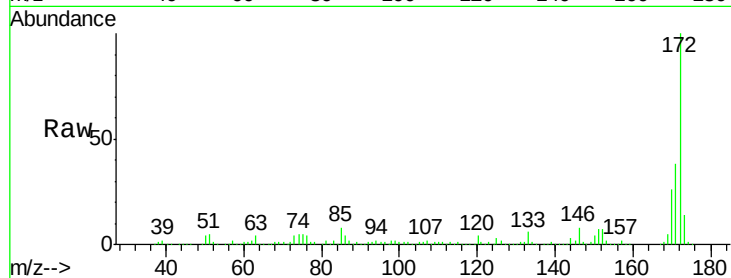




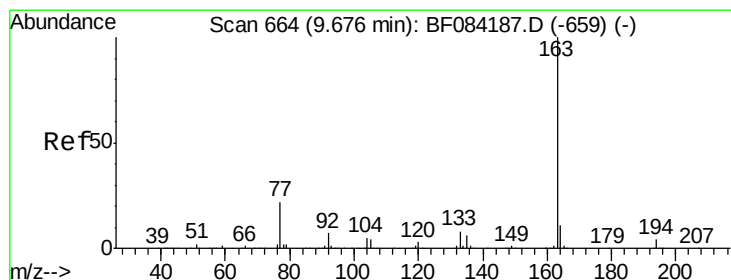
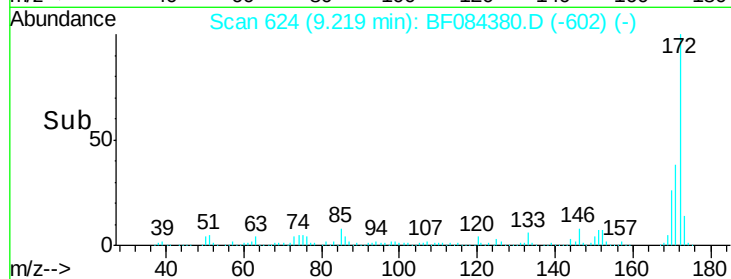
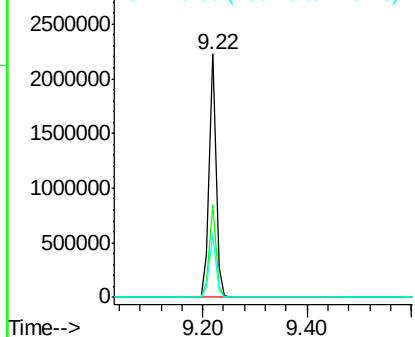
#44
 2-Fluorobiphenyl
 Concen: 77.73 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084380.D
 Acq: 11 Jan 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-5COMP

Tgt Ion:172 Resp: 2032138
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.9 43.3
 170 25.9 18.6 27.8

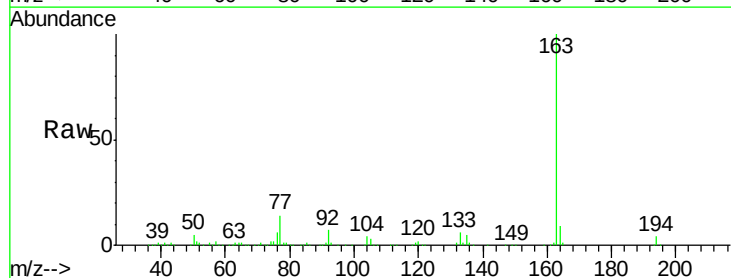


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

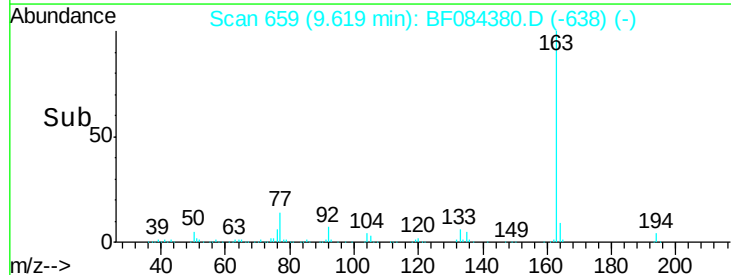
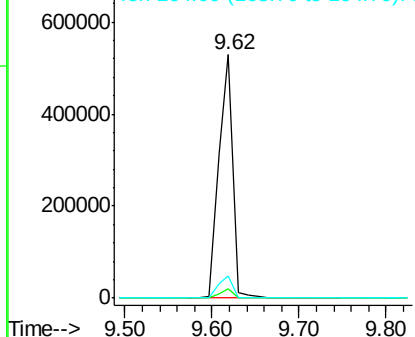


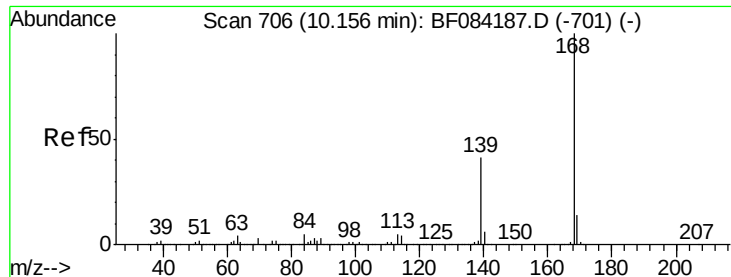
#49
 Dimethylphthalate
 Concen: 18.40 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.06 min
 Lab File: BF084380.D
 Acq: 11 Jan 2016 15:26

Tgt Ion:163 Resp: 600671
 Ion Ratio Lower Upper
 163 100
 194 3.7 8.0 12.0#
 164 9.2 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

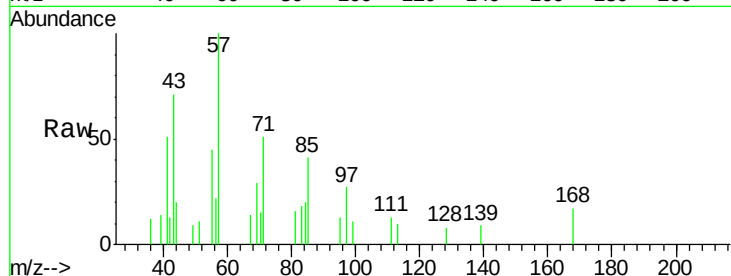




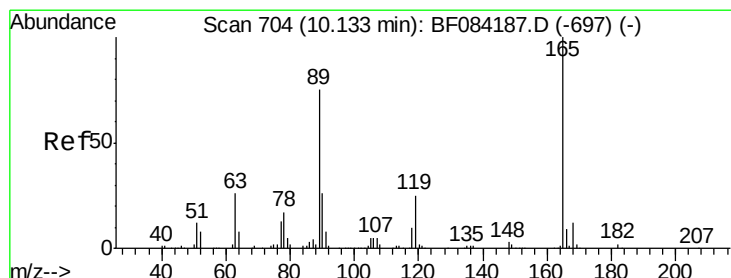
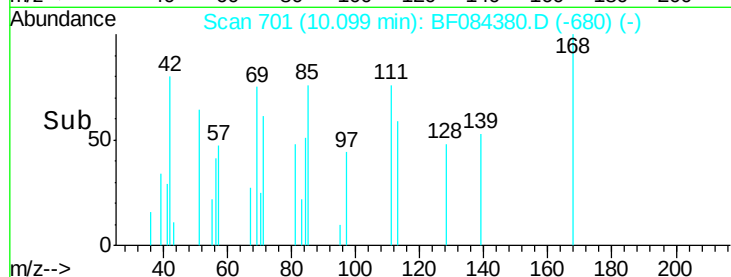
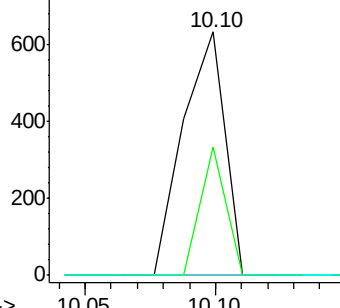
#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084380.D
Acq: 11 Jan 2016 15:26

Instrument :
BNA_F
ClientSampleId :
SB-5COMP

Tgt Ion:168 Resp: 713
Ion Ratio Lower Upper
168 100
139 52.8 30.5 45.7#
169 0.0 10.4 15.6#

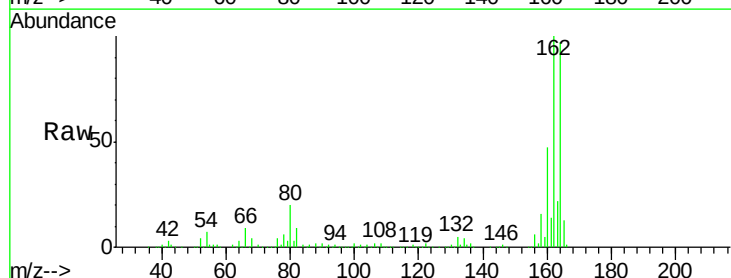


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

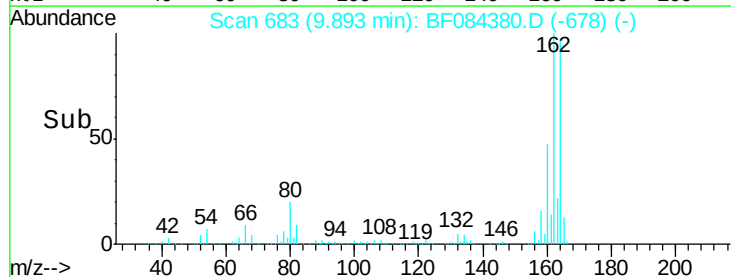
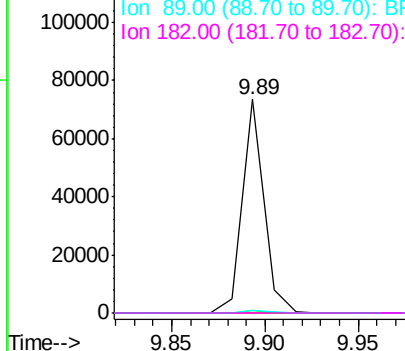


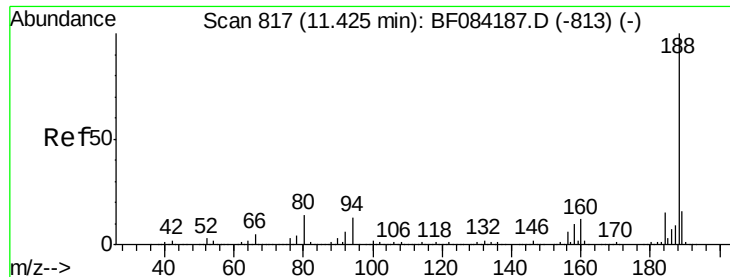
#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084380.D
Acq: 11 Jan 2016 15:26

Tgt Ion:165 Resp: 59626
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.3 61.9 92.9#
182 0.0 2.0 3.0#



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

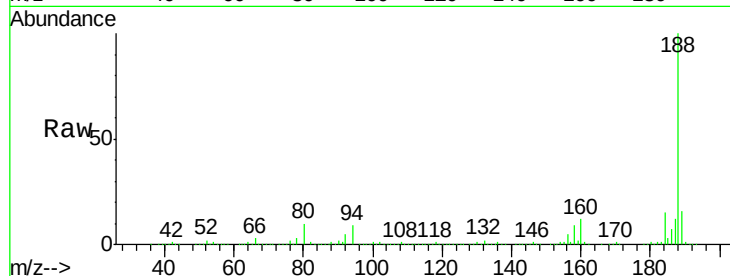




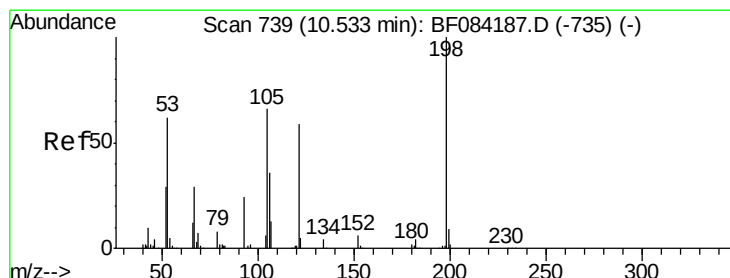
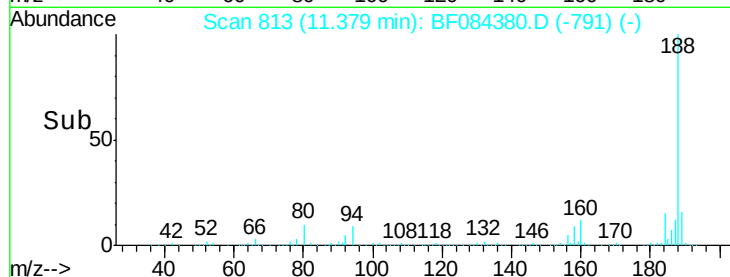
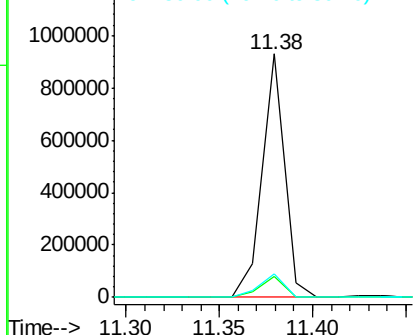
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084380.D
 Acq: 11 Jan 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-5COMP

Tgt Ion:188 Resp: 766679
 Ion Ratio Lower Upper
 188 100
 94 8.6 9.0 13.4#
 80 9.6 9.6 14.4#

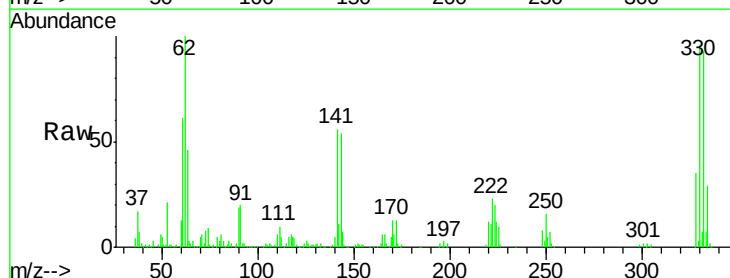


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

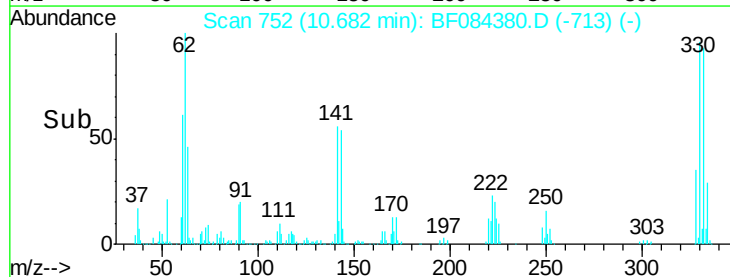
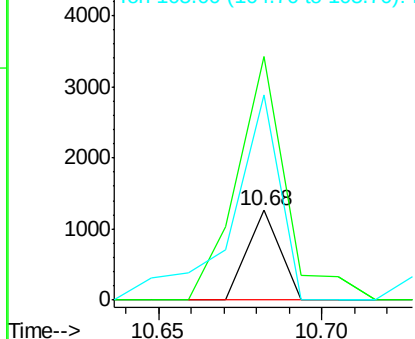


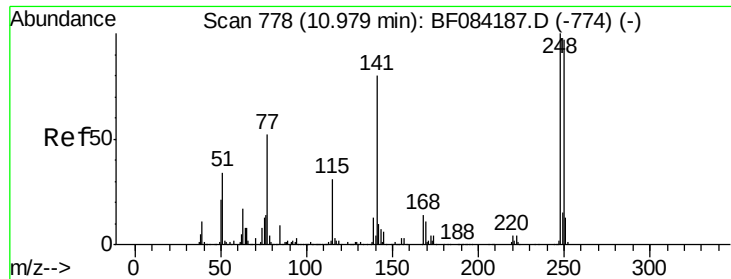
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.56 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.15 min
 Lab File: BF084380.D
 Acq: 11 Jan 2016 15:26

Tgt Ion:198 Resp: 865
 Ion Ratio Lower Upper
 198 100
 51 271.5 18.9 58.9#
 105 229.0 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

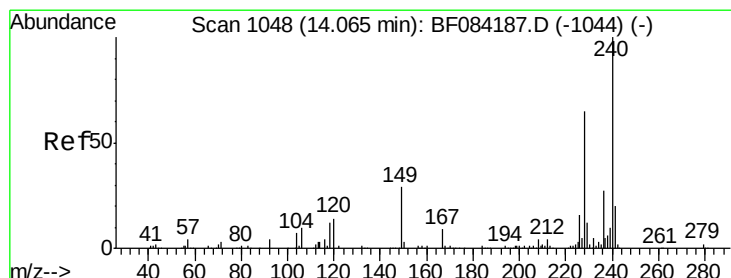
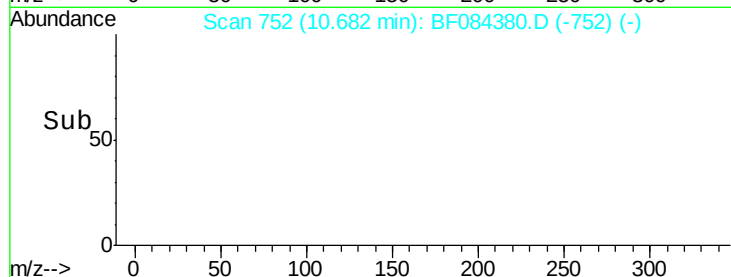
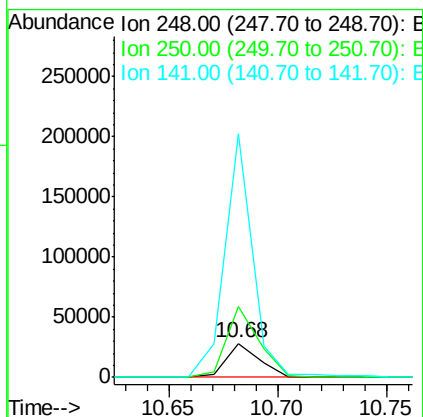
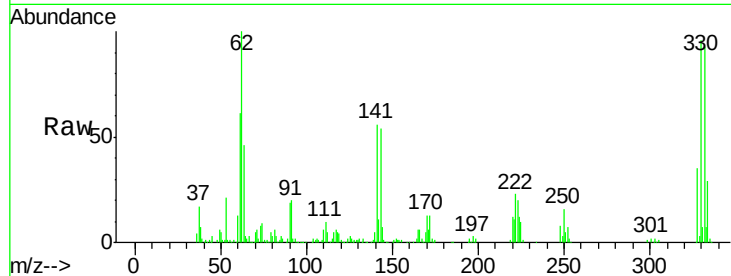




#66
 4-Bromophenyl-phenylether
 Concen: 3.52 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.30 min
 Lab File: BF084380.D
 Acq: 11 Jan 2016 15:26

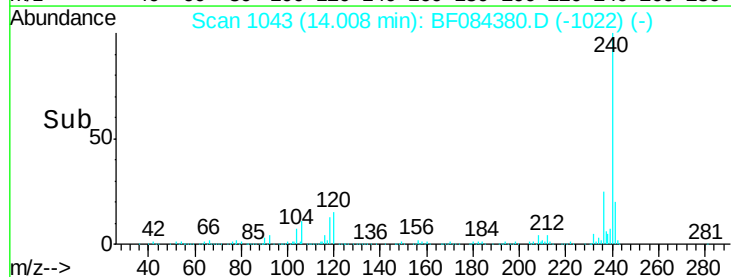
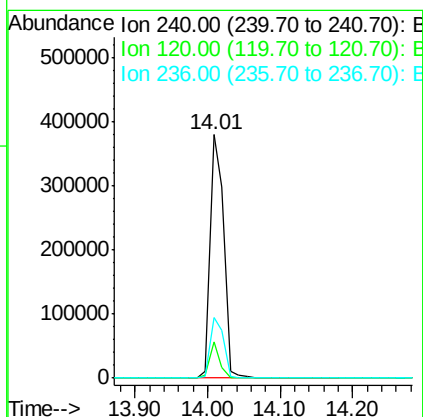
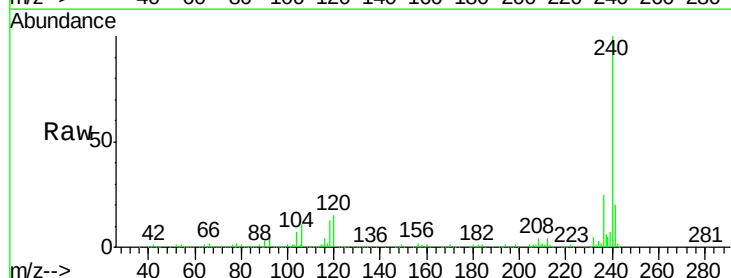
Instrument :
 BNA_F
 ClientSampleId :
 SB-5COMP

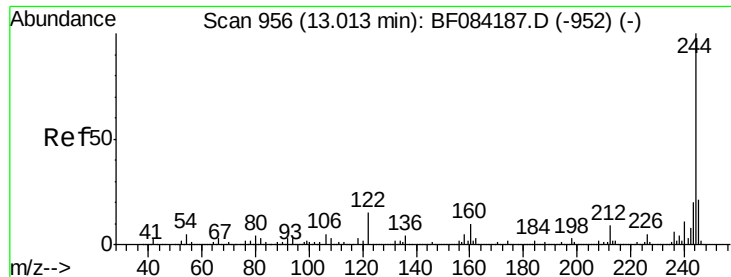
Tgt Ion:248 Resp: 29059
 Ion Ratio Lower Upper
 248 100
 250 209.4 78.4 117.6#
 141 722.9 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.06 min
 Lab File: BF084380.D
 Acq: 11 Jan 2016 15:26

Tgt Ion:240 Resp: 487724
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 24.9 20.6 31.0





#78

Terphenyl-d14

Concen: 78.83 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084380.D

Acq: 11 Jan 2016 15:26

Instrument :

BNA_F

ClientSampleId :

SB-5COMP

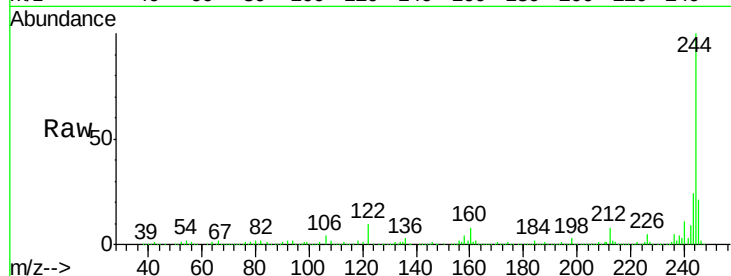
Tgt Ion:244 Resp: 1722515

Ion Ratio Lower Upper

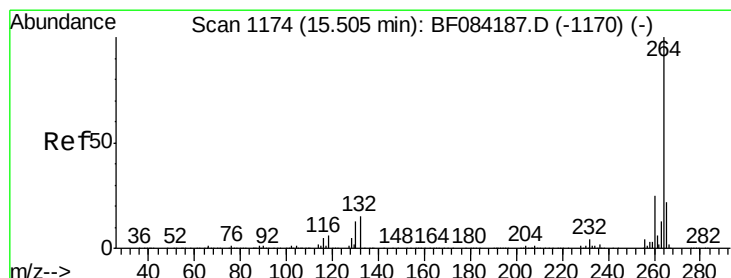
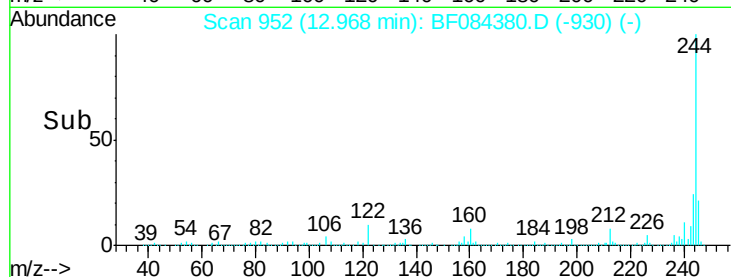
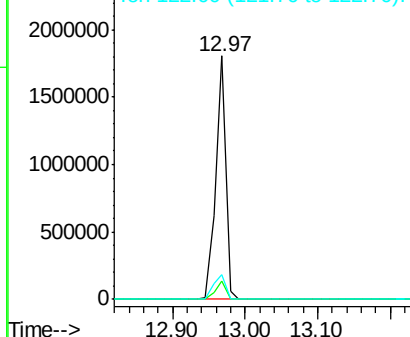
244 100

212 7.7 5.7 8.5

122 10.4 7.4 11.0



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: 15.44 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF084380.D

Acq: 11 Jan 2016 15:26

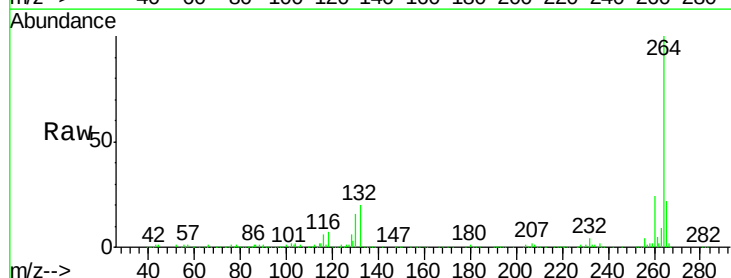
Tgt Ion:264 Resp: 430152

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.5 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

