

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089285.D
 Acq On : 25 Jul 2016 18:18
 Operator : UM/SJ
 Sample : H4152-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14.0-15.0

Quant Time: Jul 26 00:57:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

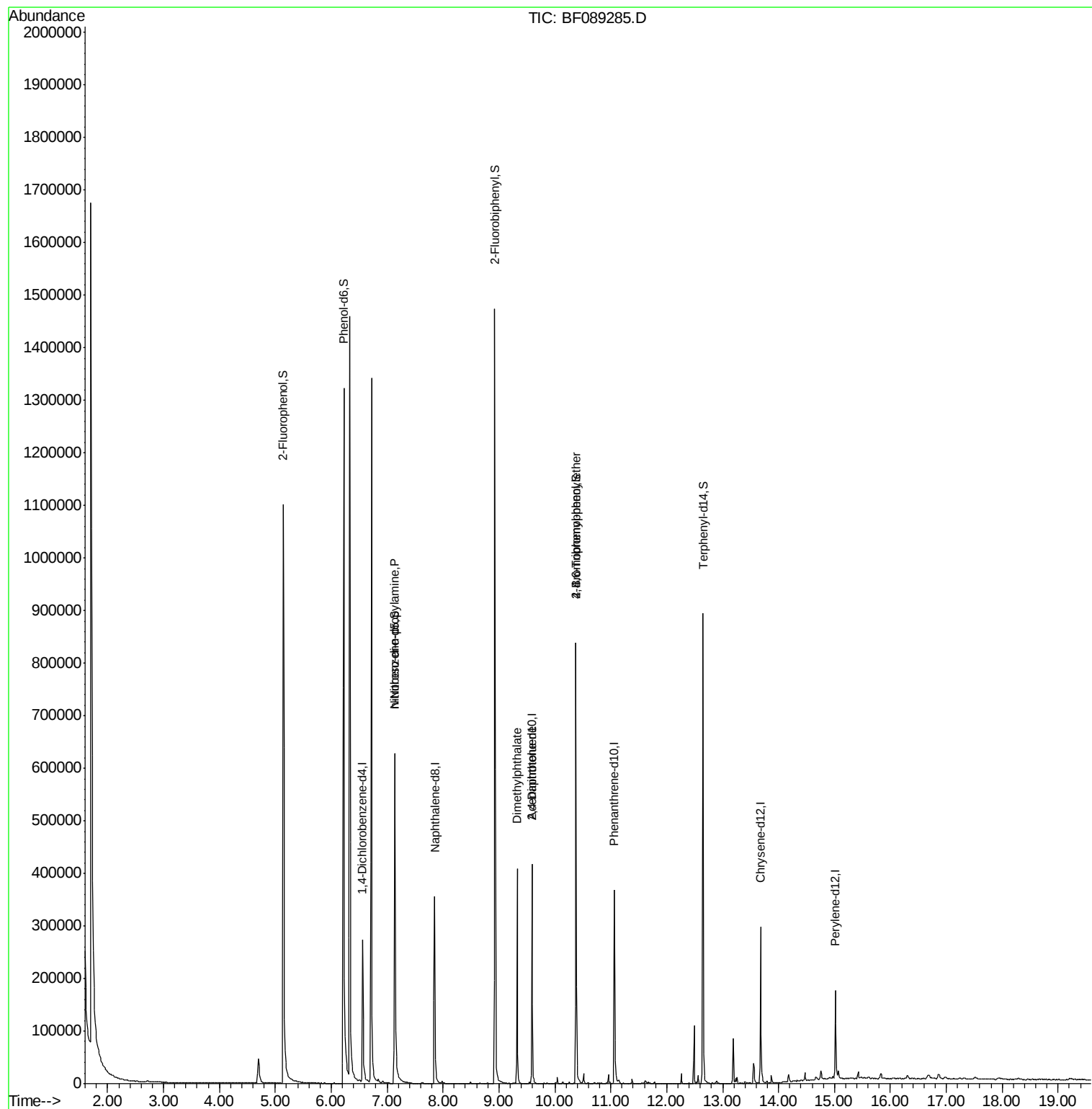
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	55686	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	218564	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	89430	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	149058	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	108525	20.00	ng	-0.01
86) Perylene-d12	15.02	264	79783	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	458149	125.13	ng	0.00
7) Phenol-d6	6.23	99	653065	138.31	ng	0.00
23) Nitrobenzene-d5	7.13	82	376734	91.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	87672	108.89	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	569485	87.74	ng	-0.01
78) Terphenyl-d14	12.65	244	382669	76.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	833	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	49509	16.03	ng	# 82
49) Dimethylphthalate	9.32	163	161149	23.48	ng	98
56) 2,4-Dinitrotoluene	9.59	165	10952	5.49	ng	# 10
66) 4-Bromophenyl-phenylether	10.38	248	7028	4.76	ng	# 1

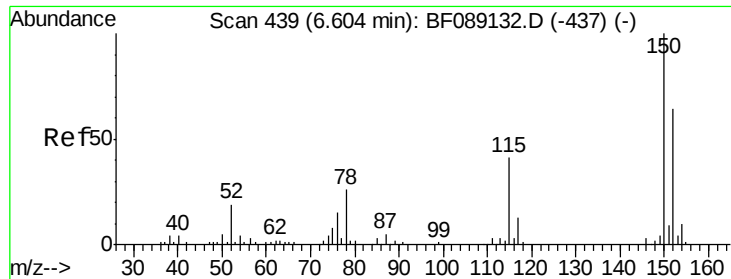
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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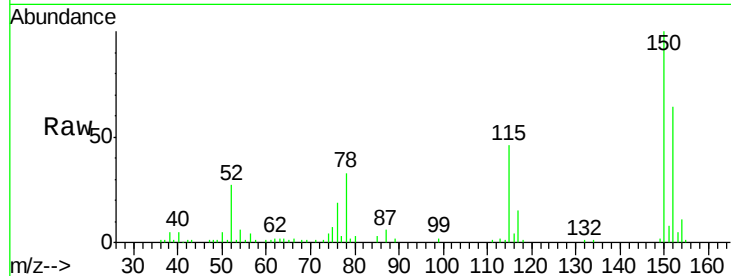




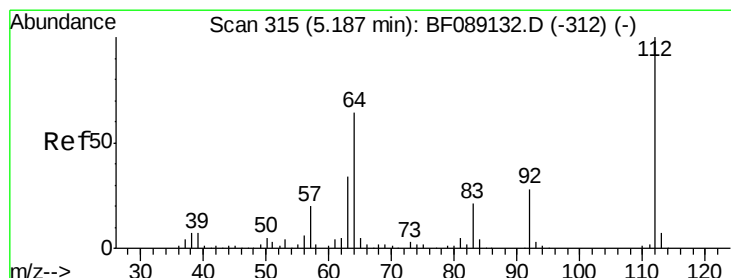
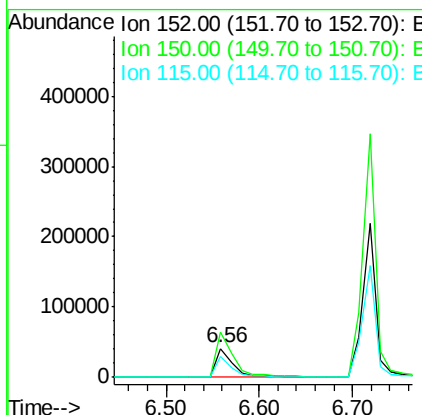
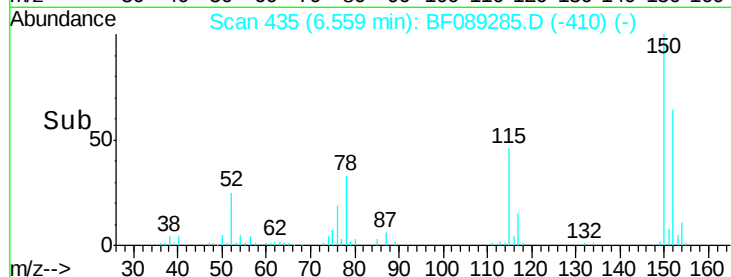
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14.0-15.0

Tgt Ion:152 Resp: 55686
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.1 187.7
 115 72.7 51.1 76.7

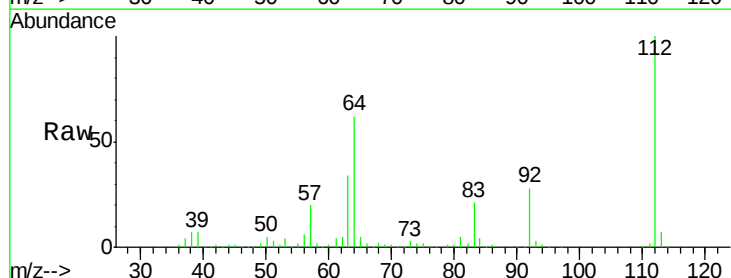


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

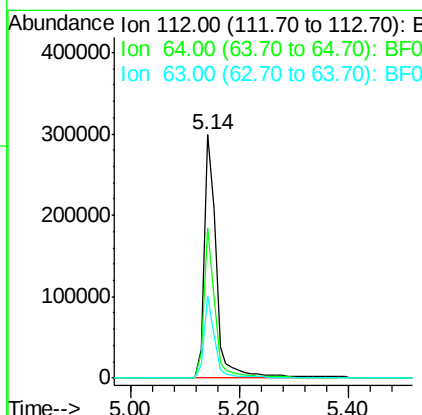
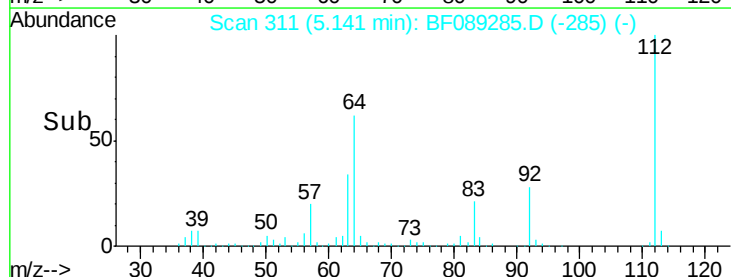


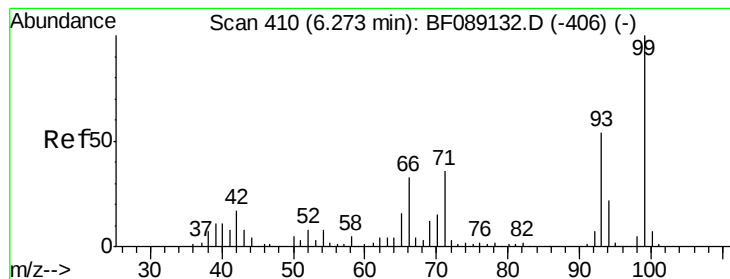
#5
 2-Fluorophenol
 Concen: 125.13 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Tgt Ion:112 Resp: 458149
 Ion Ratio Lower Upper
 112 100
 64 61.5 51.0 76.4
 63 34.0 27.3 40.9



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: 138.31 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089285.D

Acq: 25 Jul 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SB-16-14.0-15.0

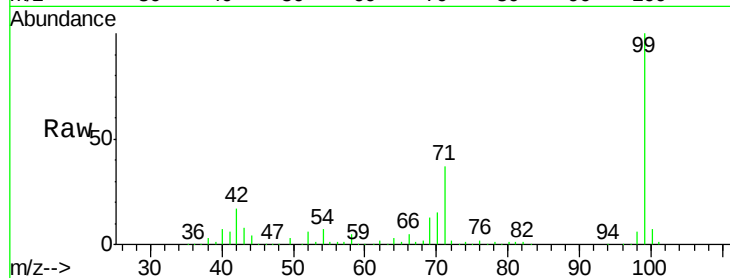
Tgt Ion: 99 Resp: 653065

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

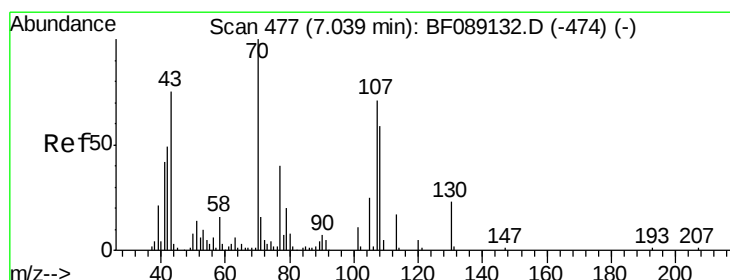
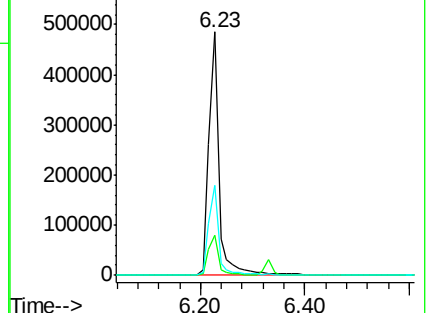
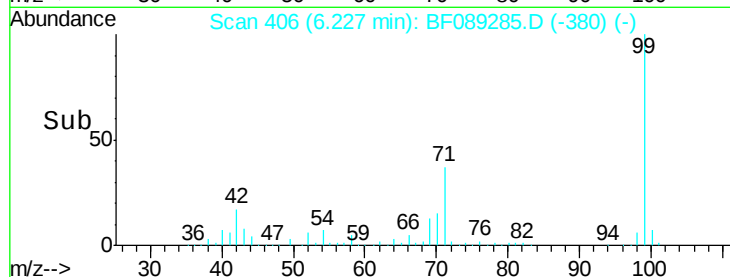
71 36.8 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.03 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089285.D

Acq: 25 Jul 2016 18:18

Tgt Ion: 70 Resp: 49509

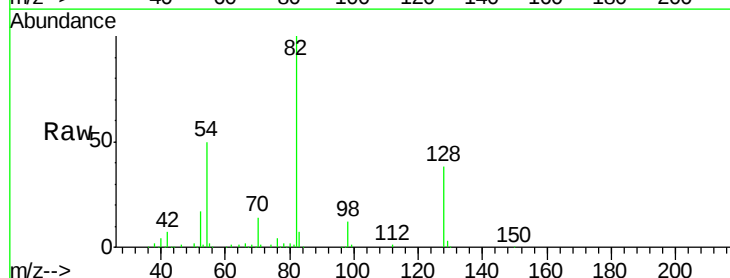
Ion Ratio Lower Upper

70 100

42 46.8 39.2 58.8

101 0.0 8.5 12.7#

130 2.0 18.4 27.6#

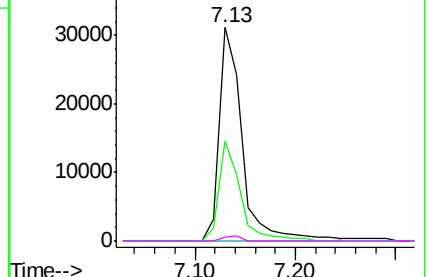
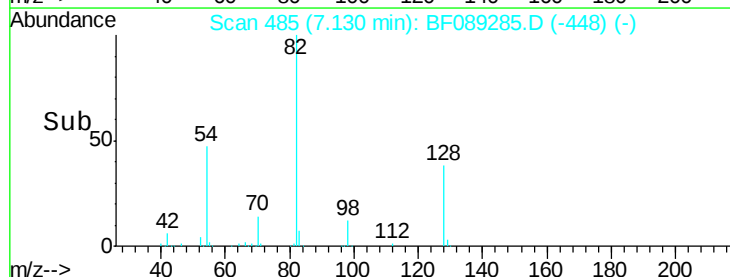


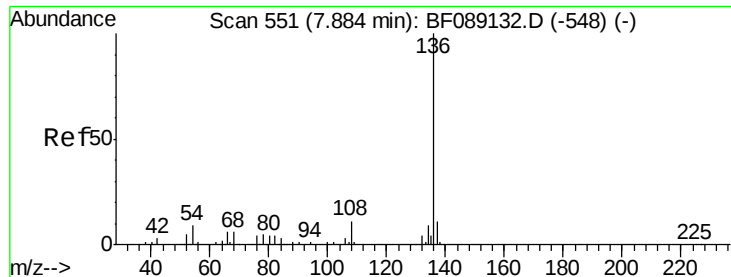
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089285.D

Acq: 25 Jul 2016 18:18

Instrument :

BNA_F

ClientSampleId :

SB-16-14.0-15.0

Tgt Ion:136 Resp: 218564

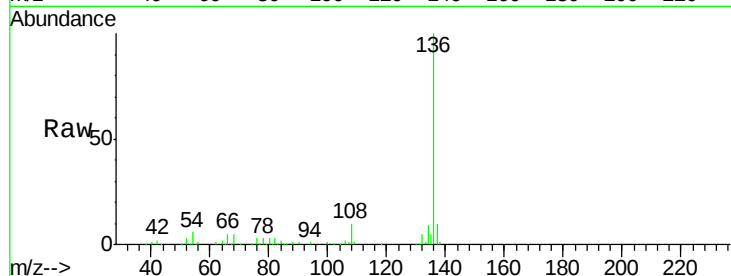
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 5.9 7.0 10.4#

68 4.8 5.0 7.6#

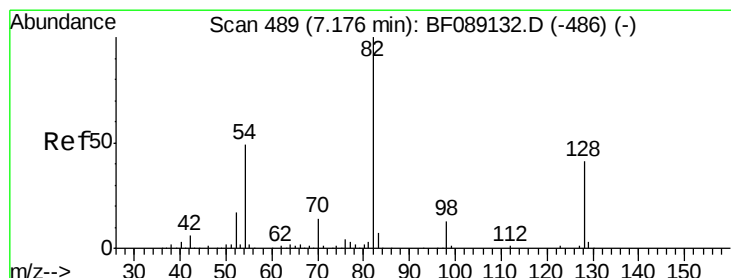
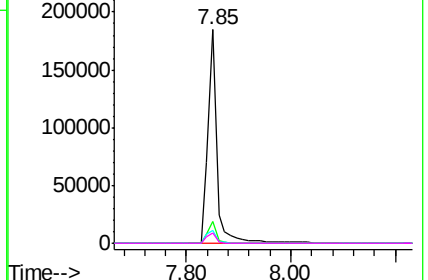
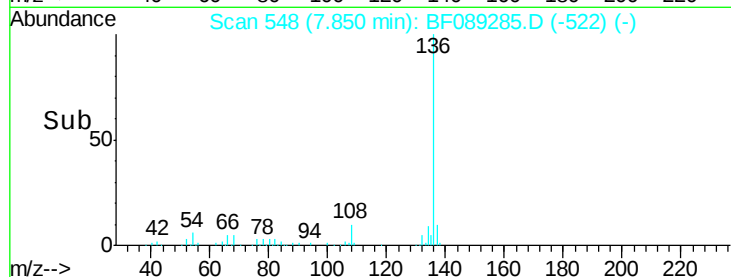


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.59 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089285.D

Acq: 25 Jul 2016 18:18

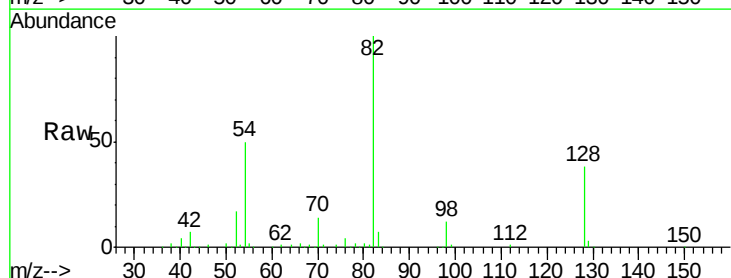
Tgt Ion: 82 Resp: 376734

Ion Ratio Lower Upper

82 100

128 37.8 33.0 49.6

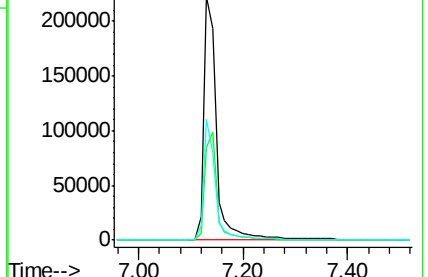
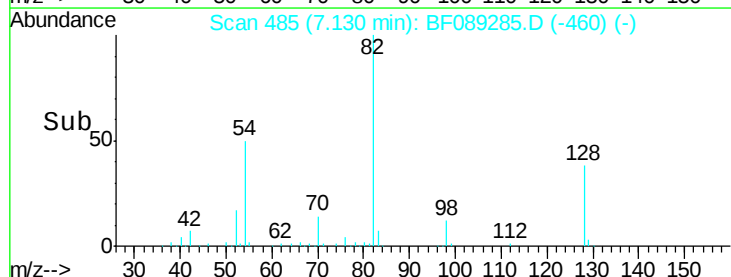
54 49.7 39.0 58.4

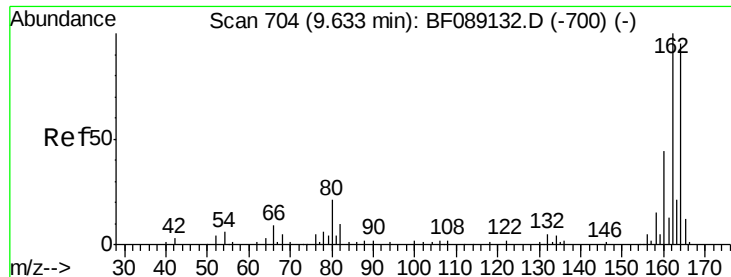


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

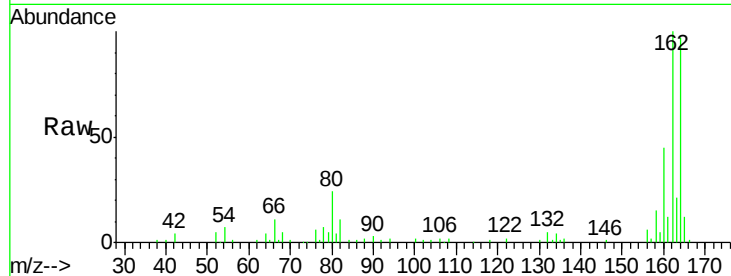




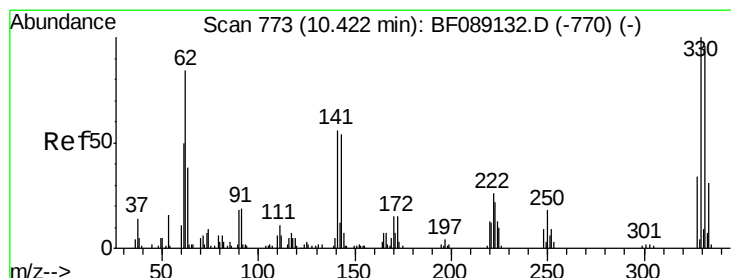
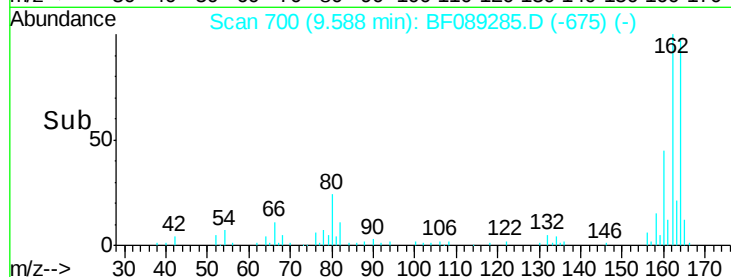
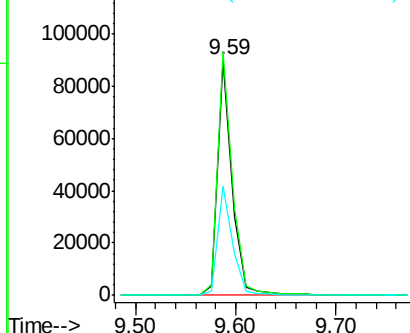
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14.0-15.0

Tgt Ion:164 Resp: 89430
 Ion Ratio Lower Upper
 164 100
 162 103.5 84.1 126.1
 160 46.5 37.1 55.7

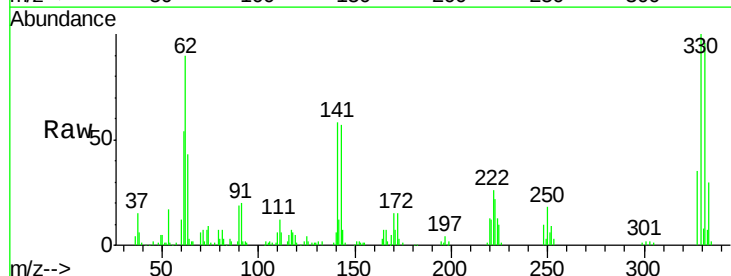


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

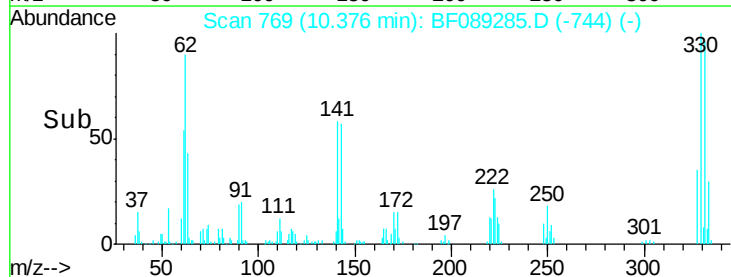
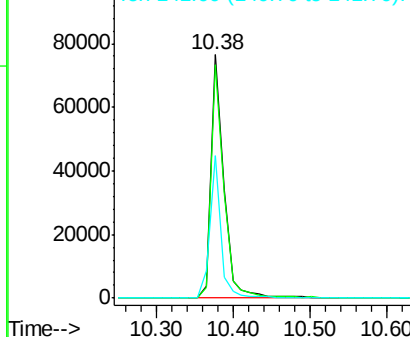


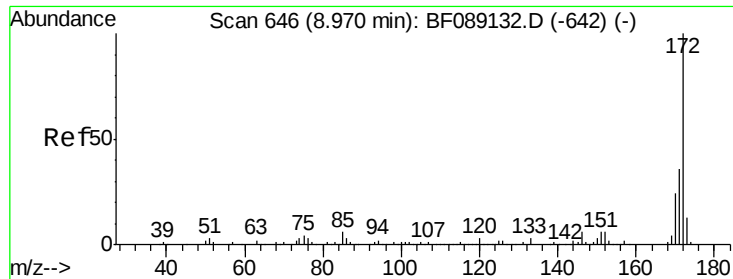
#41
 2,4,6-Tribromophenol
 Concen: 108.89 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Tgt Ion:330 Resp: 87672
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.2 115.8
 141 50.9 42.2 63.2



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

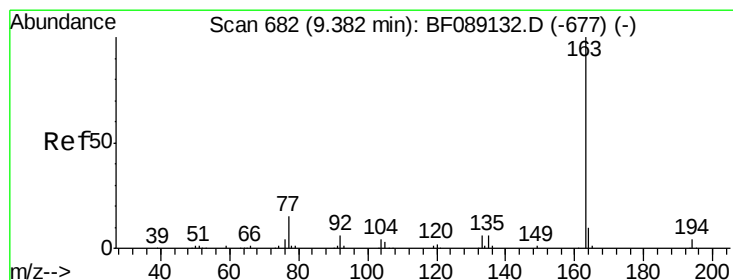
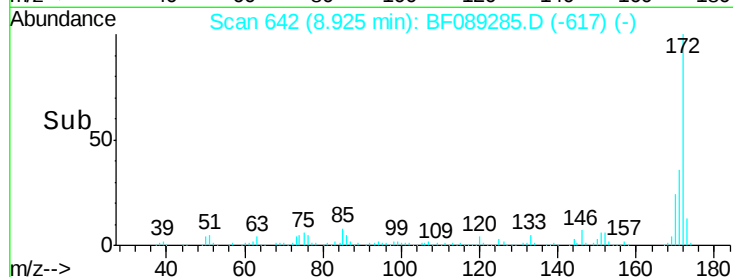
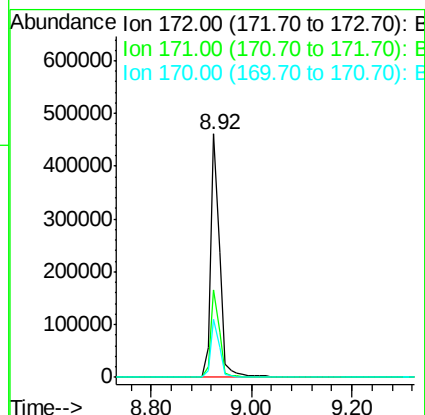
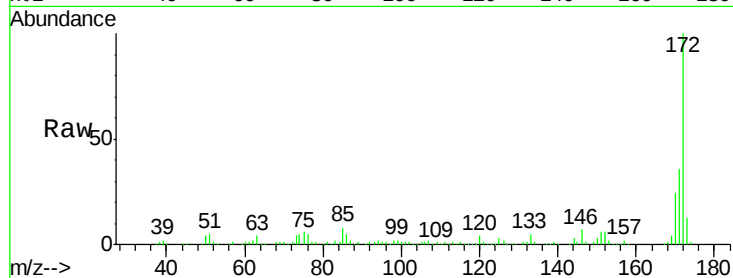




#44
 2-Fluorobiphenyl
 Concen: 87.74 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

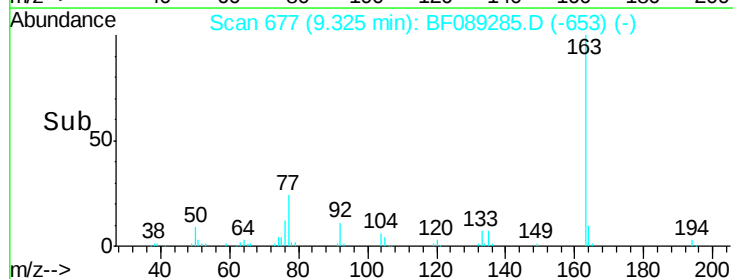
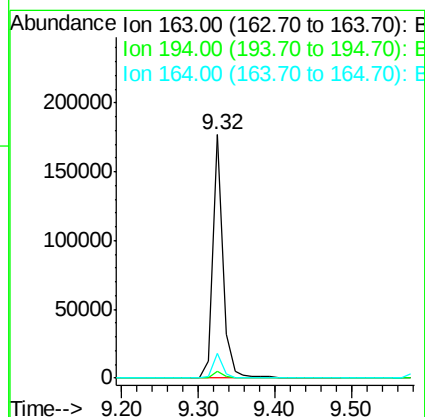
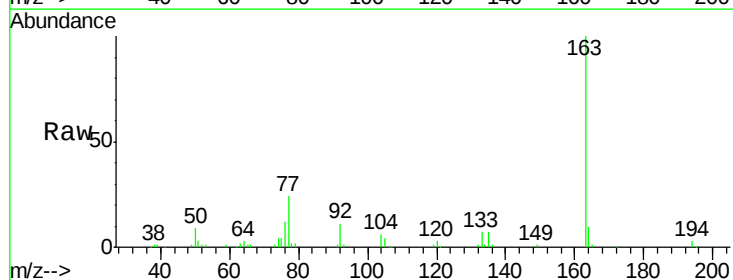
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14.0-15.0

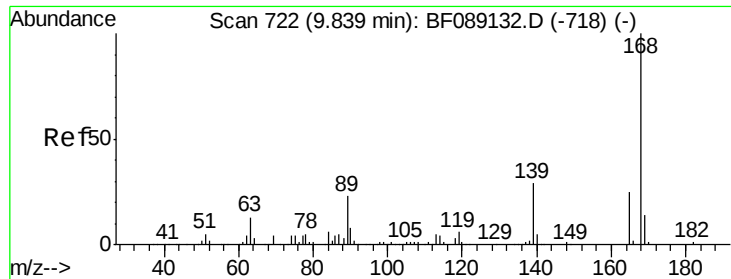
Tgt Ion:172 Resp: 569485
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.8 19.1 28.7



#49
 Dimethylphthalate
 Concen: 23.48 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Tgt Ion:163 Resp: 161149
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.9 4.3
 164 10.1 7.6 11.4

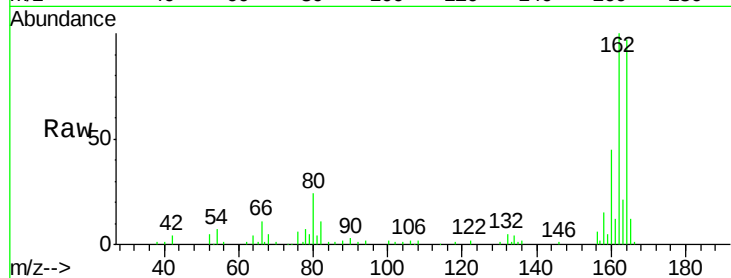




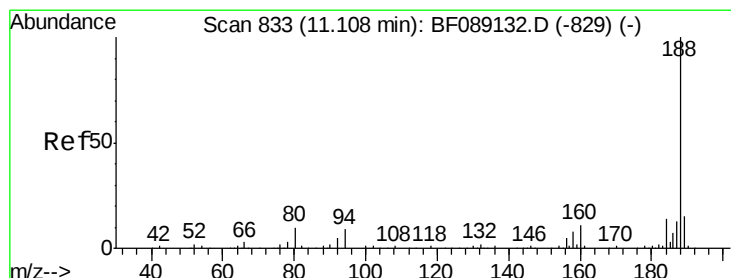
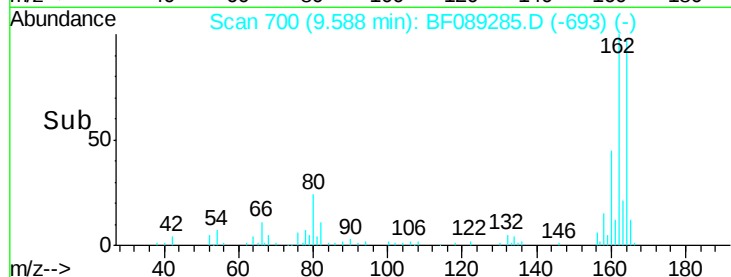
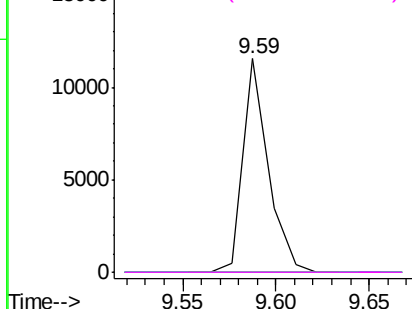
#56
 2,4-Dinitrotoluene
 Concen: 5.49 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14.0-15.0

Tgt Ion:165 Resp: 10952
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.2#
 89 0.0 74.3 111.5#
 182 0.0 2.0 3.0#

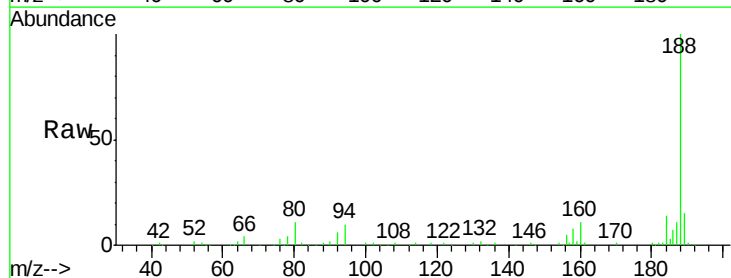


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

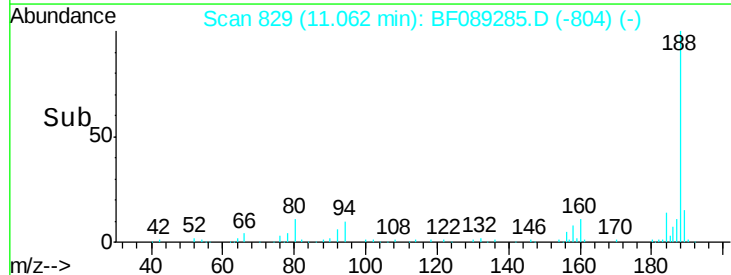
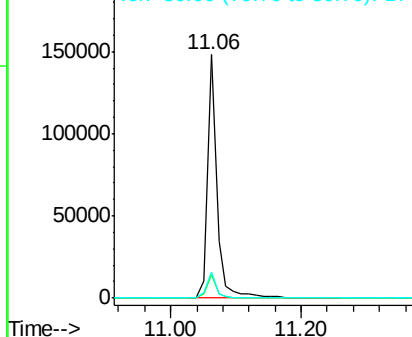


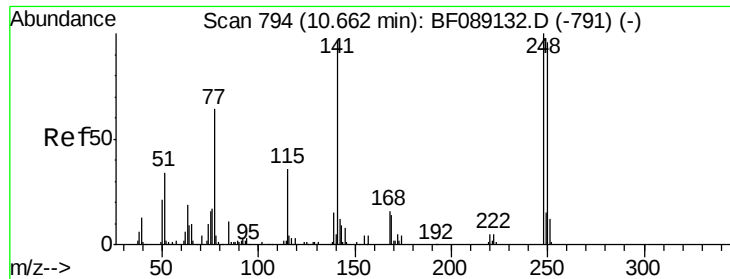
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Tgt Ion:188 Resp: 149058
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.0 10.4
 80 10.9 7.7 11.5



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

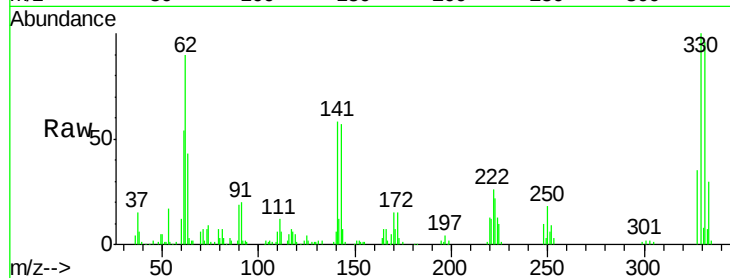




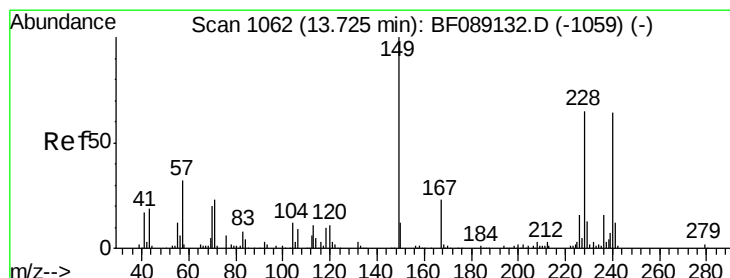
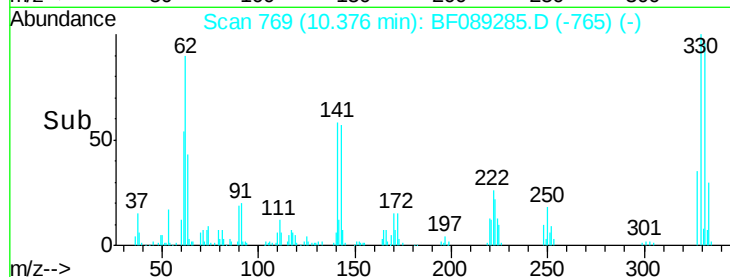
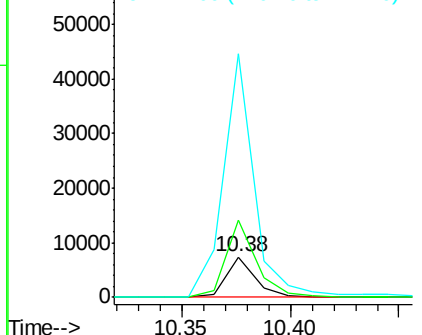
#66
 4-Bromophenyl-phenylether
 Concen: 4.76 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.25 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14.0-15.0

Tgt Ion:248 Resp: 7028
 Ion Ratio Lower Upper
 248 100
 250 189.1 76.9 115.3#
 141 598.6 77.4 116.2#

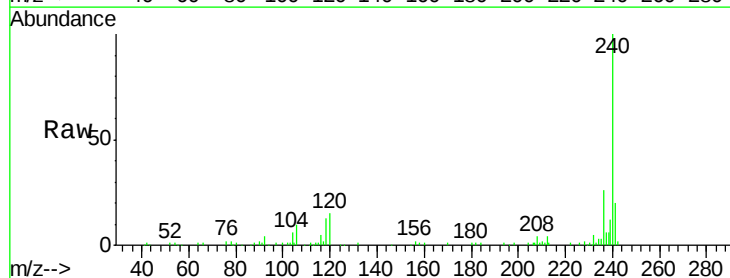


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

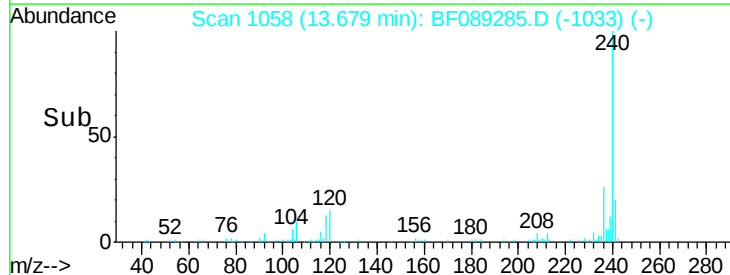
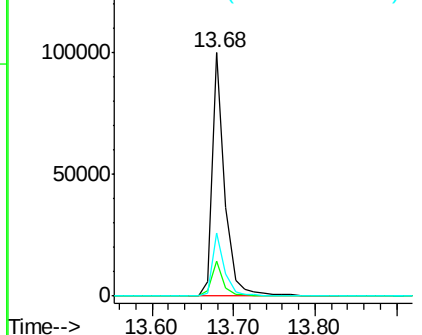


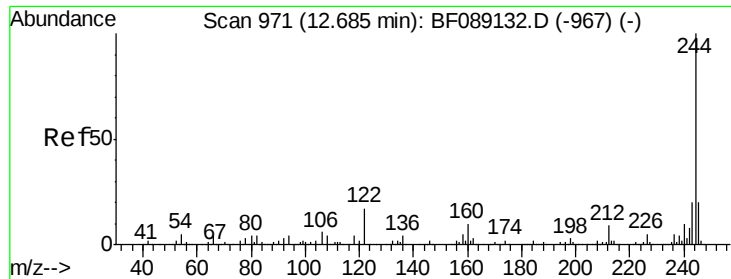
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Tgt Ion:240 Resp: 108525
 Ion Ratio Lower Upper
 240 100
 120 14.5 13.6 20.4
 236 26.1 20.5 30.7



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

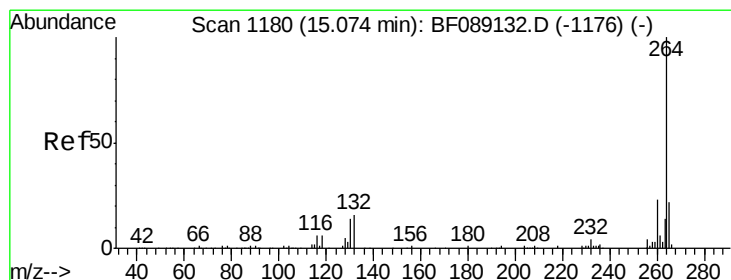
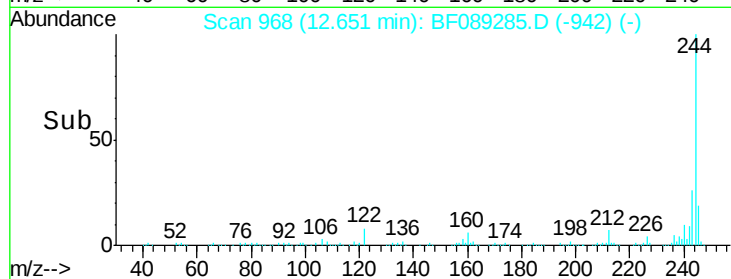
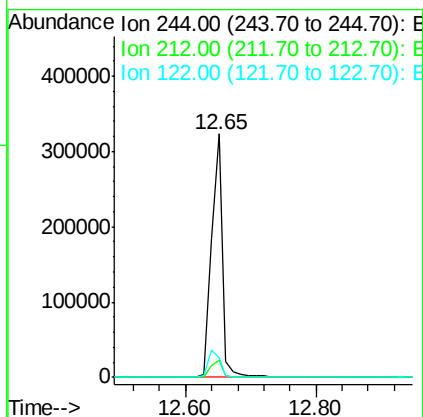
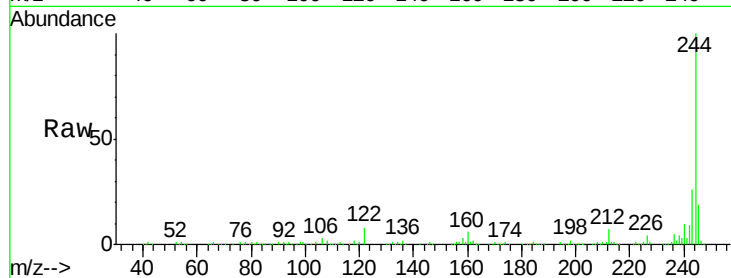




#78
 Terphenyl-d14
 Concen: 76.48 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14.0-15.0

Tgt Ion:244 Resp: 382669
 Ion Ratio Lower Upper
 244 100
 212 7.0 7.0 10.4
 122 7.8 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089285.D
 Acq: 25 Jul 2016 18:18

Tgt Ion:264 Resp: 79783
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 21.6 17.3 25.9

