

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
 Data File : BF090823.D
 Acq On : 25 Oct 2016 22:28
 Operator : UM/SJ
 Sample : H5394-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-SOUTH

Quant Time: Oct 26 00:57:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

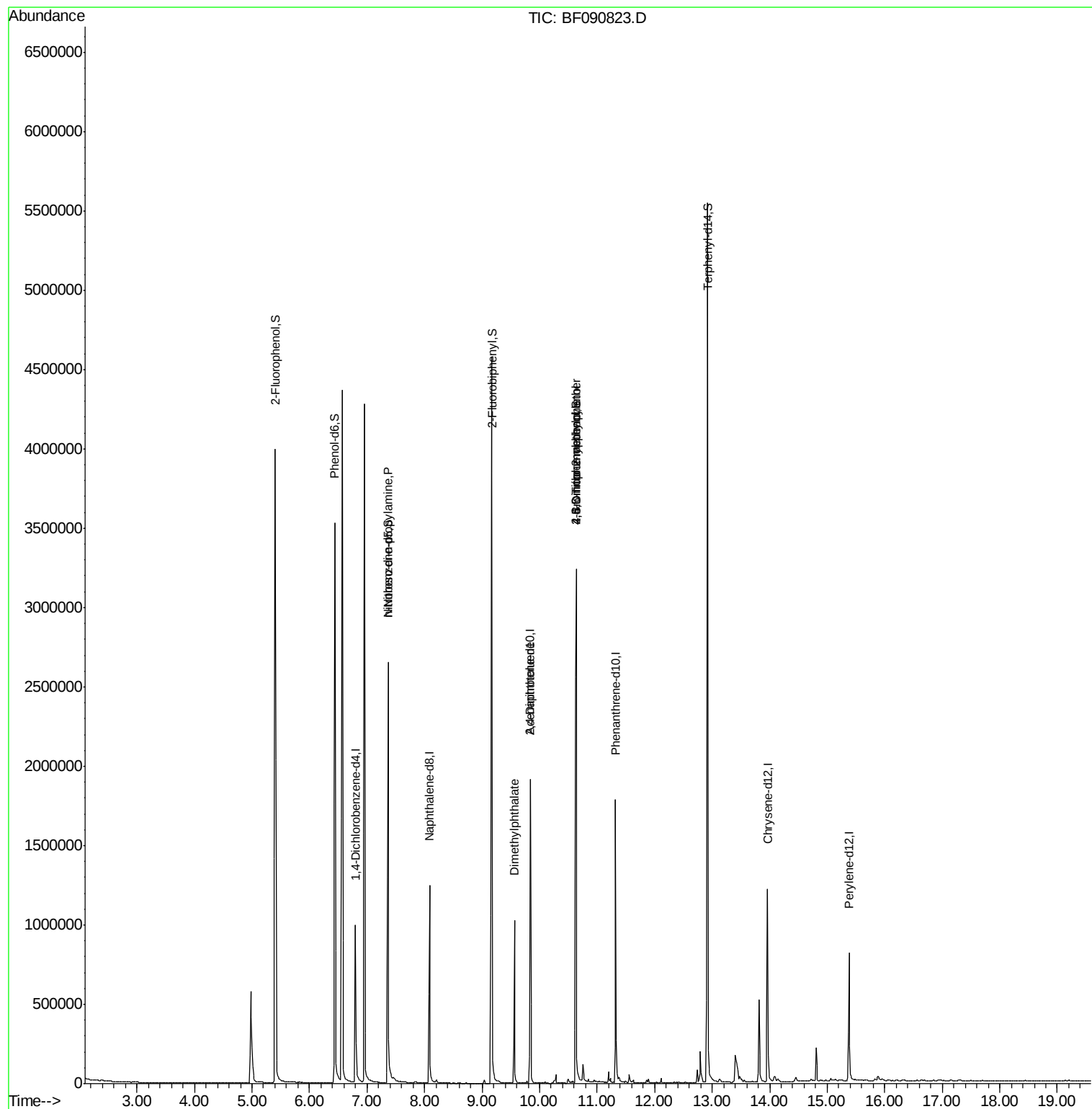
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	184125	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	769430	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	429231	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	707094	20.00	ng	0.00
75) Chrysene-d12	13.96	240	482589	20.00	ng	0.00
86) Perylene-d12	15.38	264	370528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1690112	148.04	ng	0.01
7) Phenol-d6	6.44	99	1850729	119.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	1214626	86.58	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	706461	207.94	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2483261	89.81	ng	0.00
78) Terphenyl-d14	12.92	244	2614933	124.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	157478	13.67	ng	# 50
49) Dimethylphthalate	9.56	163	474787	17.60	ng	# 97
56) 2,4-Dinitrotoluene	9.84	165	54649	7.71	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.64	198	1226	4.43	ng	# 67
66) 4-Bromophenyl-phenylether	10.64	248	44937	6.56	ng	# 1

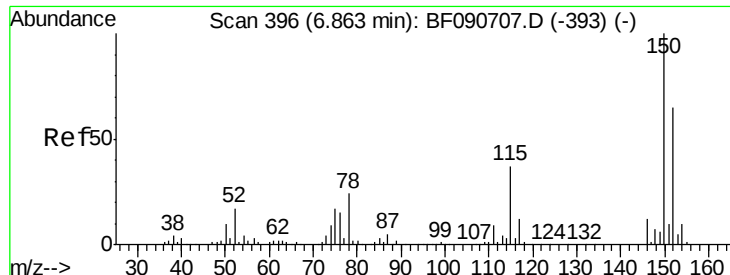
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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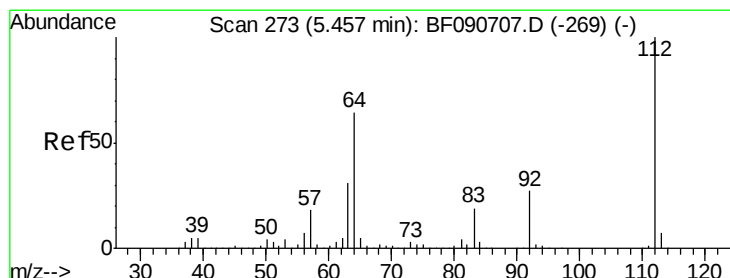
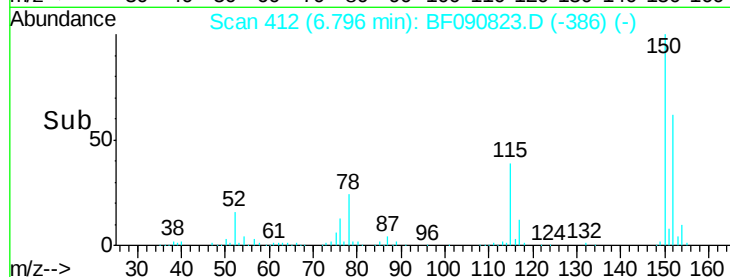
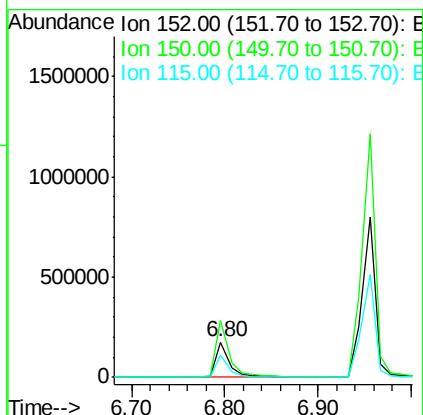
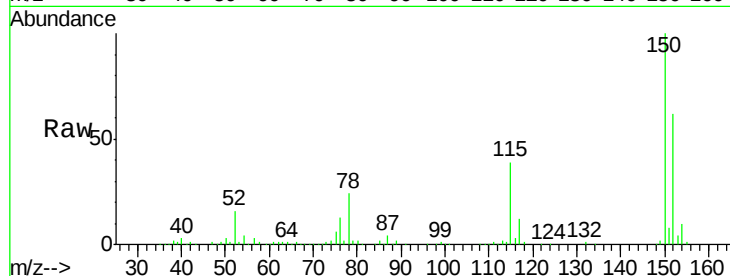




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

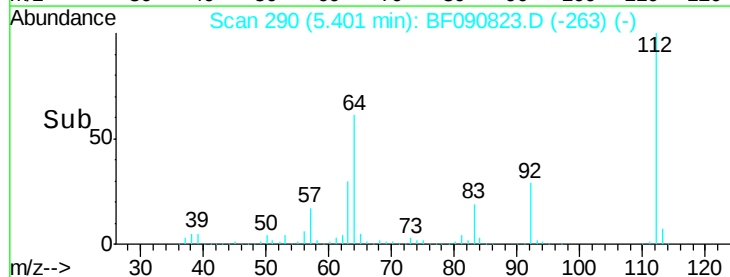
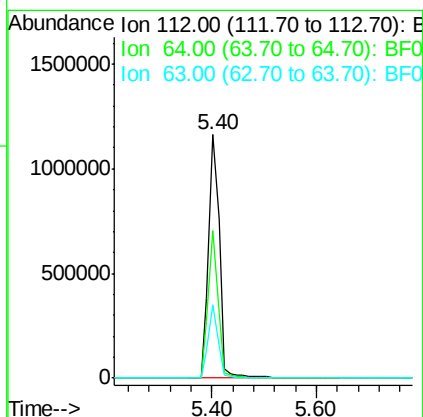
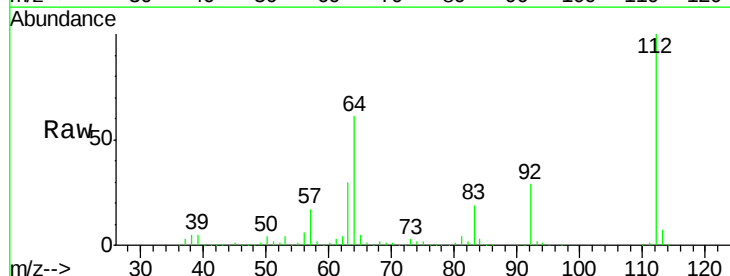
Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-SOUTH

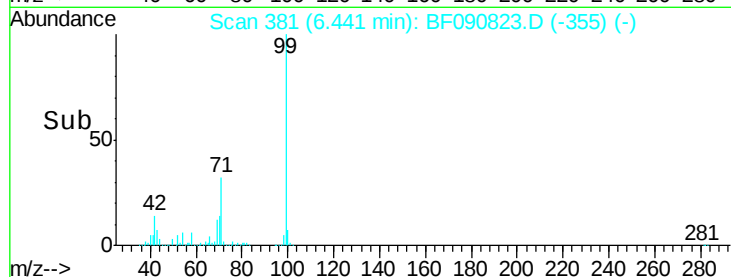
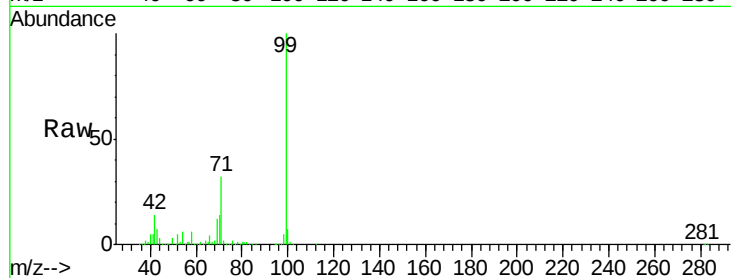
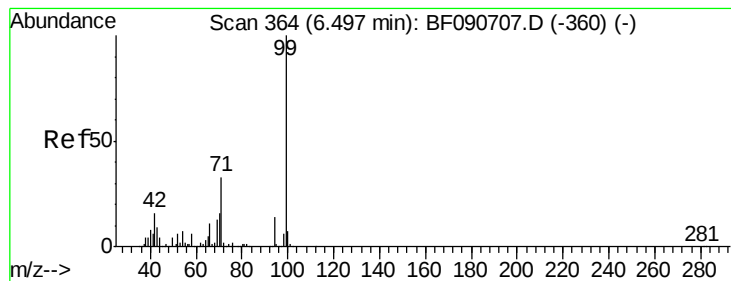
Tgt Ion:152 Resp: 184125
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.7 187.1
 115 62.2 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 148.04 ng
 RT: 5.40 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

Tgt Ion:112 Resp: 1690112
 Ion Ratio Lower Upper
 112 100
 64 60.6 39.7 59.5#
 63 30.1 17.4 26.0#





#7

Phenol-d6

Concen: 119.68 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF090823.D

Acq: 25 Oct 2016 22:28

Instrument :

BNA_F

ClientSampleId :

SIDEWELL-SOUTH

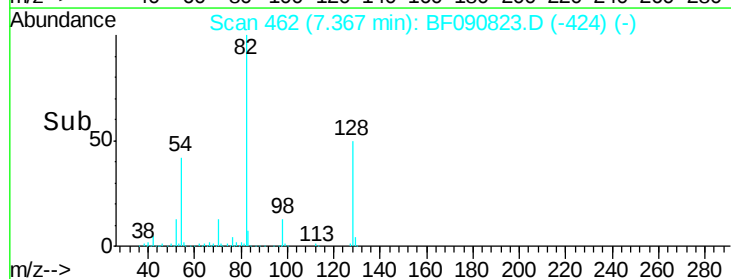
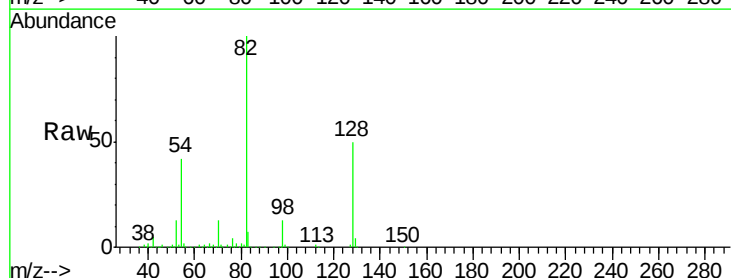
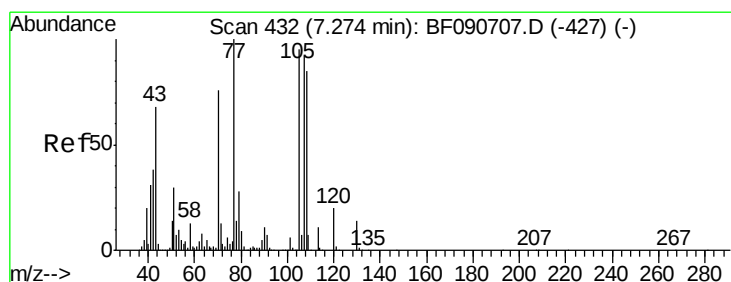
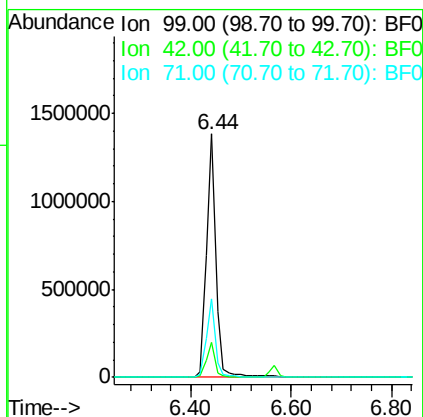
Tgt Ion: 99 Resp: 1850729

Ion Ratio Lower Upper

99 100

42 14.4 13.7 20.5

71 32.5 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.67 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF090823.D

Acq: 25 Oct 2016 22:28

Tgt Ion: 70 Resp: 157478

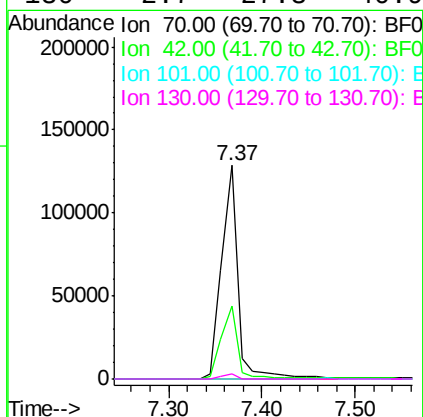
Ion Ratio Lower Upper

70 100

42 34.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.7 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF090823.D

Acq: 25 Oct 2016 22:28

Instrument :

BNA_F

ClientSampleId :

SIDEWELL-SOUTH

Tgt Ion:136 Resp: 769430

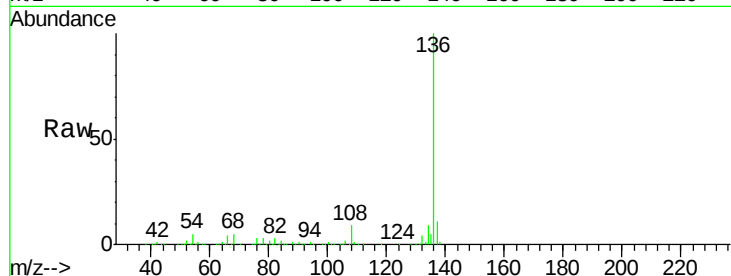
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 4.8 8.2 12.2#

68 5.0 5.8 8.6#

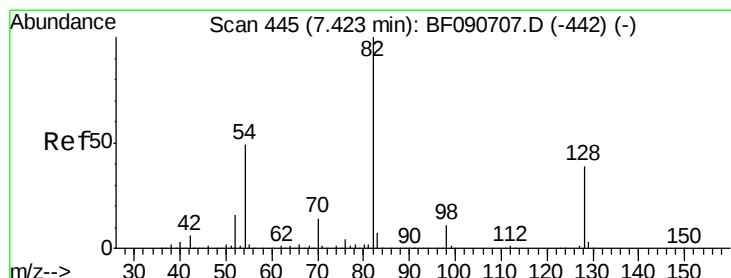
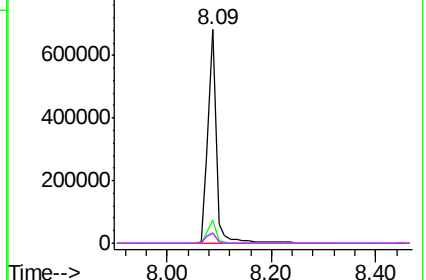
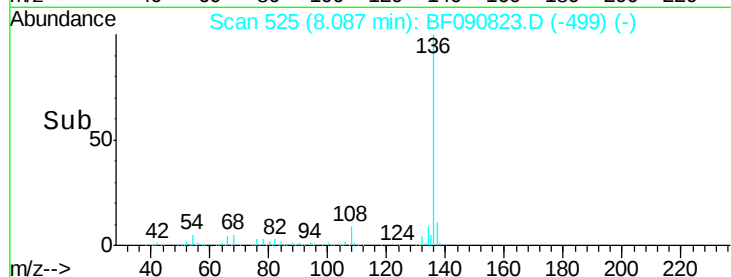


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.58 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF090823.D

Acq: 25 Oct 2016 22:28

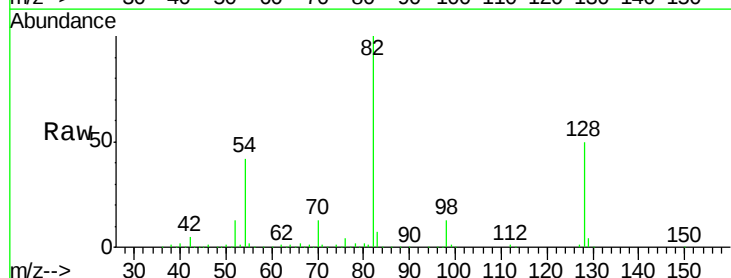
Tgt Ion: 82 Resp: 1214626

Ion Ratio Lower Upper

82 100

128 50.3 51.0 76.6#

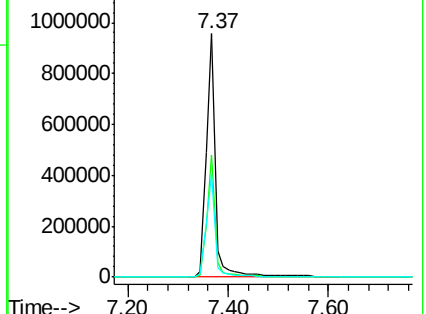
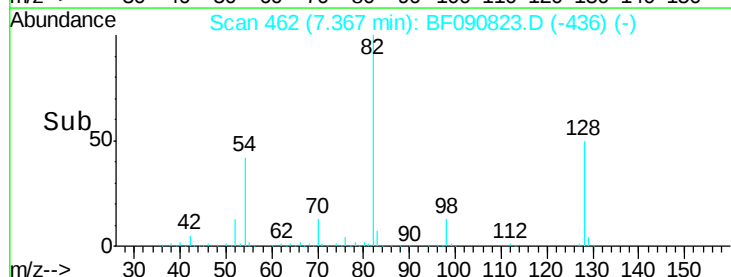
54 42.4 47.5 71.3#

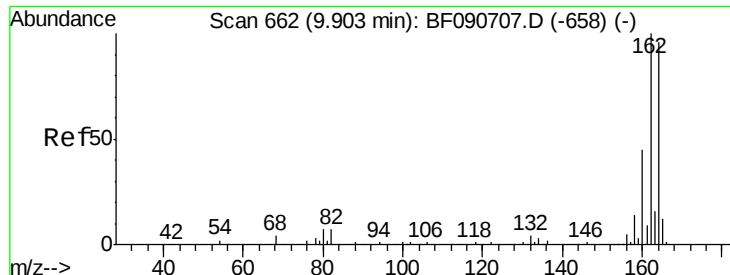


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

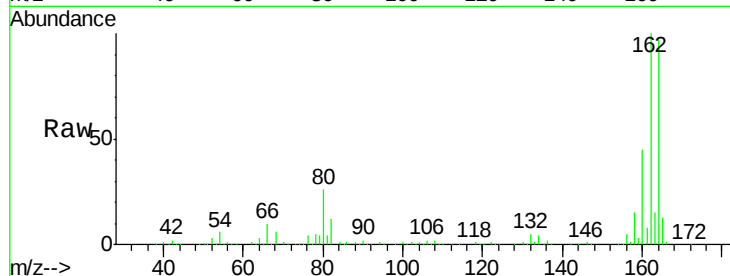




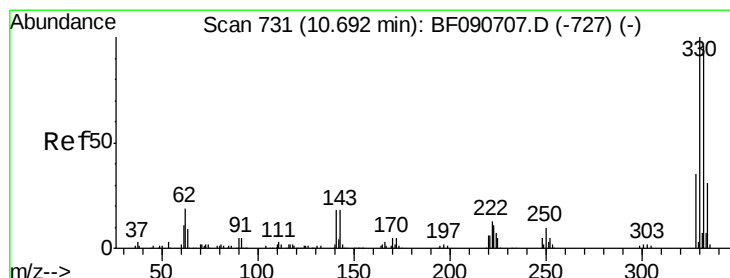
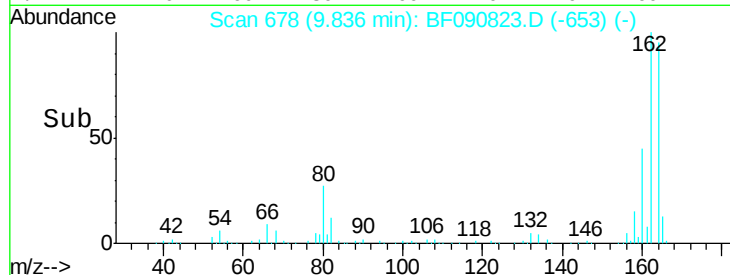
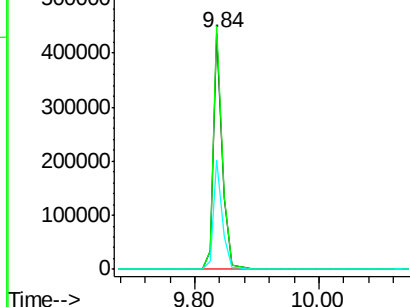
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

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 SIDEWELL-SOUTH

Tgt Ion:164 Resp: 429231
 Ion Ratio Lower Upper
 164 100
 162 103.2 75.2 112.8
 160 46.1 31.5 47.3

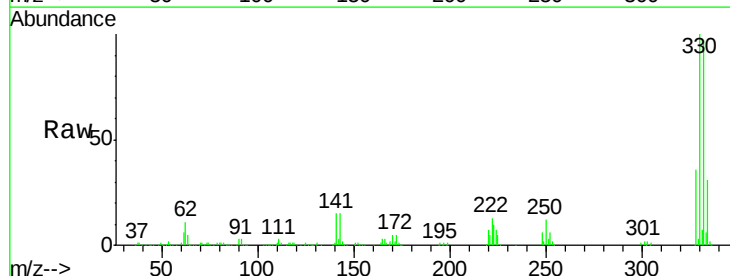


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

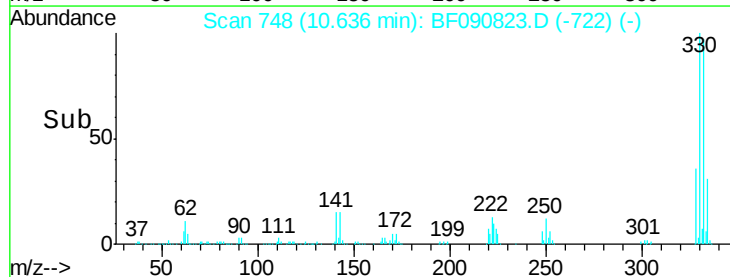
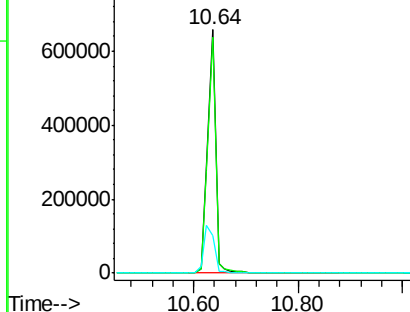


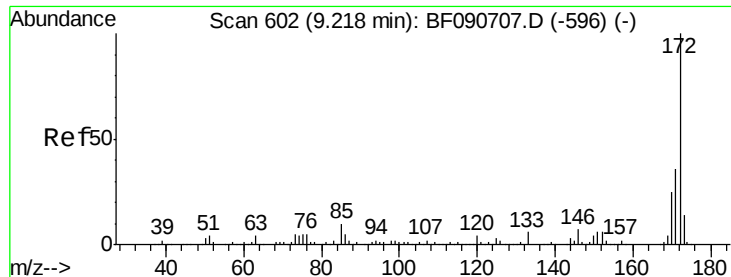
#41
 2,4,6-Tribromophenol
 Concen: 207.94 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

Tgt Ion:330 Resp: 706461
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 25.6 29.7 44.5#



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

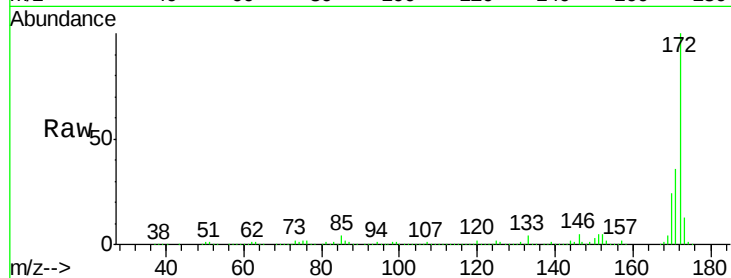




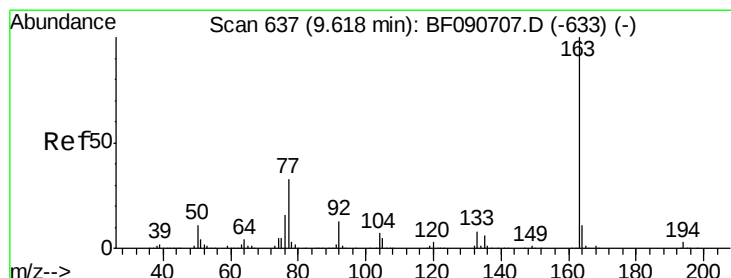
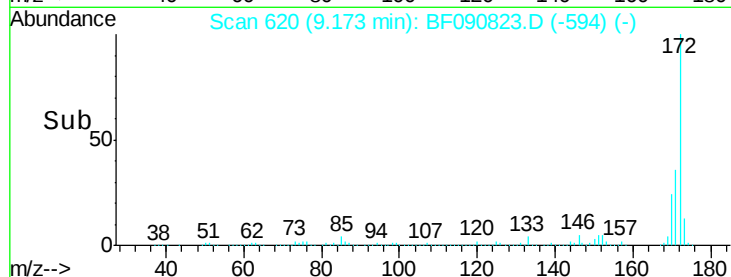
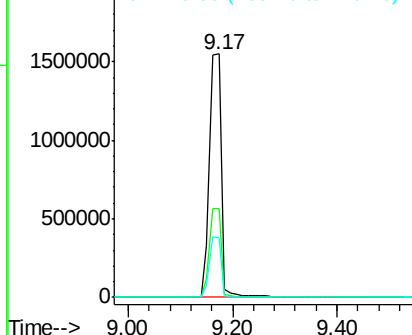
#44
 2-Fluorobiphenyl
 Concen: 89.81 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

Instrument :
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Tgt Ion:172 Resp: 2483261
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.3 17.4 26.2

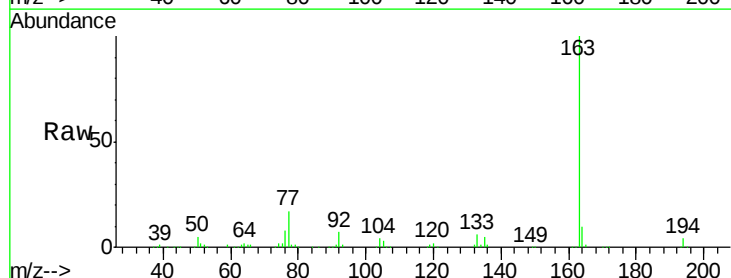


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

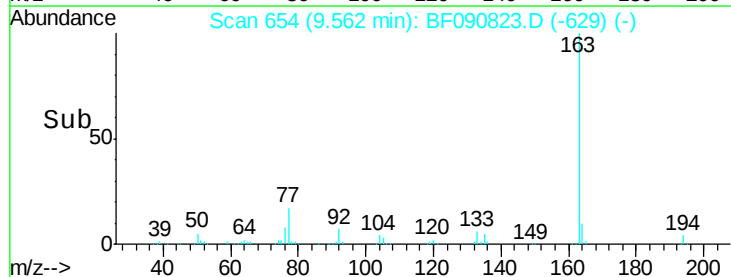
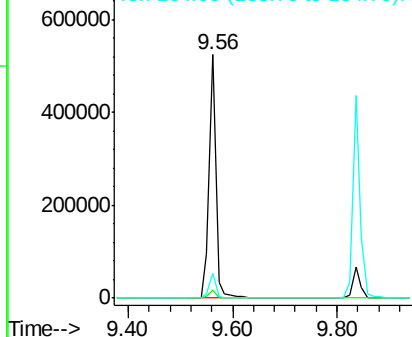


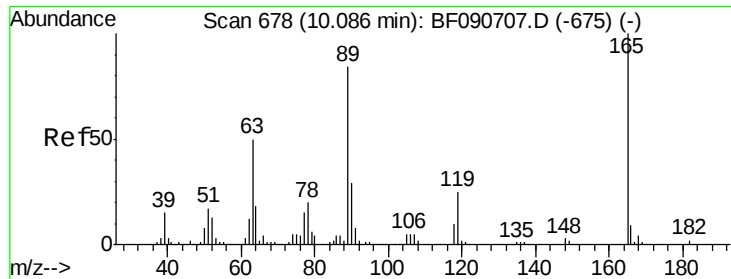
#49
 Dimethylphthalate
 Concen: 17.60 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

Tgt Ion:163 Resp: 474787
 Ion Ratio Lower Upper
 163 100
 194 3.5 4.4 6.6#
 164 10.1 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

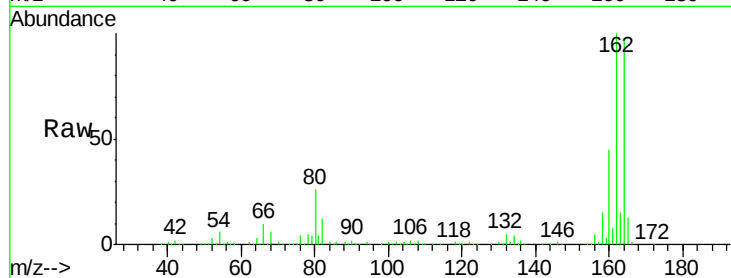




#56
 2,4-Dinitrotoluene
 Concen: 7.71 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.21 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

Instrument :
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 ClientSampleId :
 SIDEWELL-SOUTH

Tgt Ion:	165	Resp:	54649
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

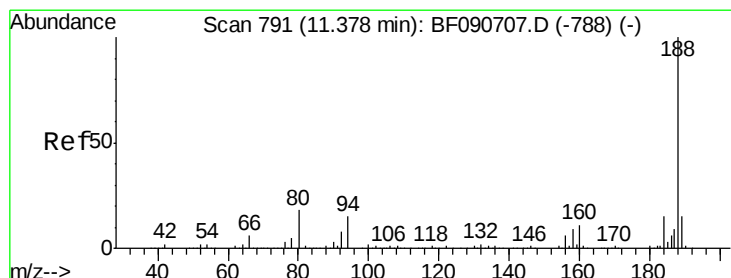
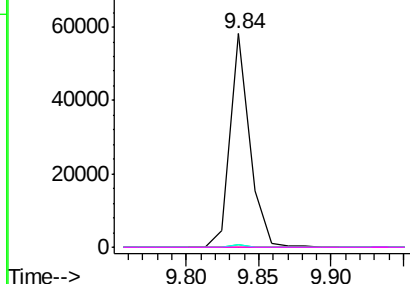
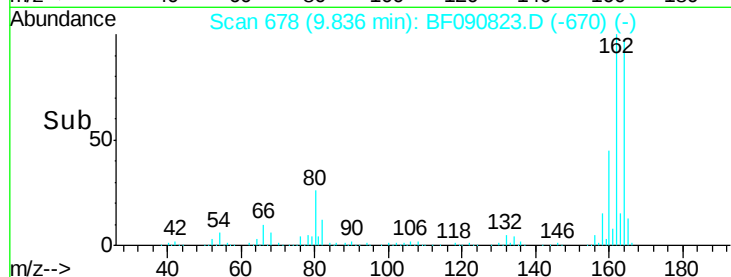


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

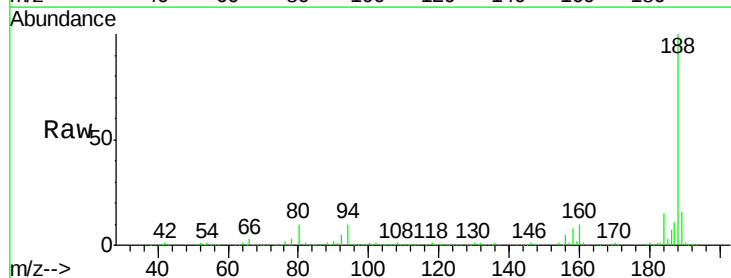
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

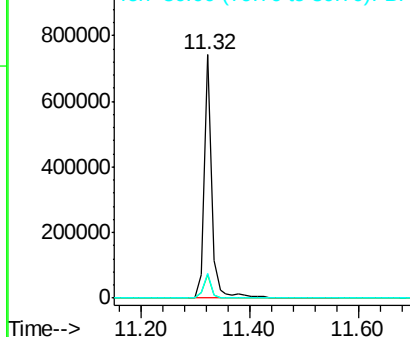
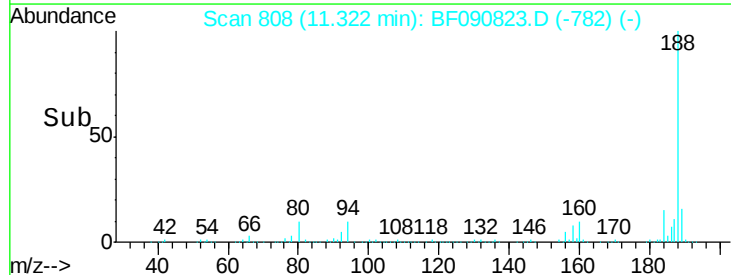
Tgt Ion:	188	Resp:	707094
Ion	Ratio	Lower	Upper
188	100		
94	9.7	11.1	16.7#
80	10.2	11.0	16.4#

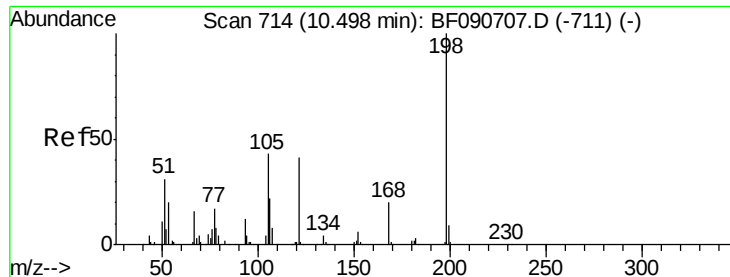


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

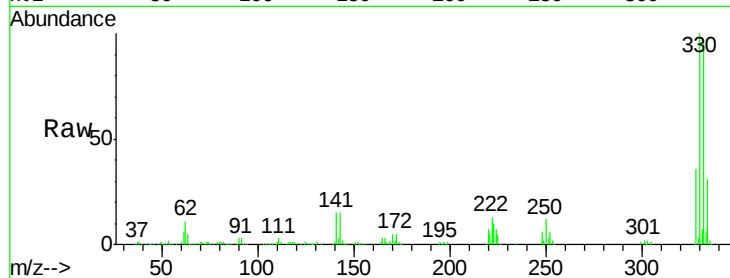




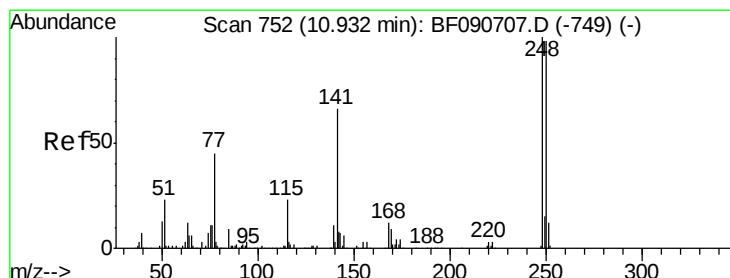
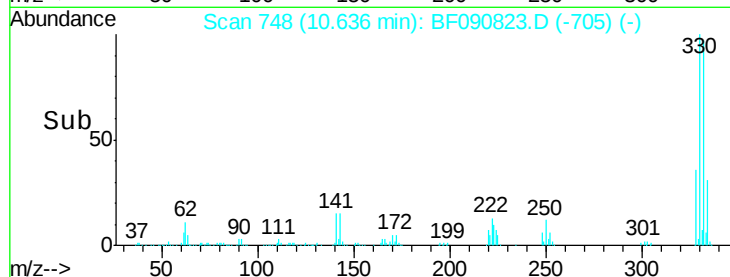
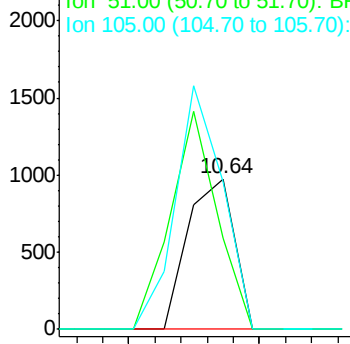
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.43 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.19 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-SOUTH

Tgt Ion:198 Resp: 1226
 Ion Ratio Lower Upper
 198 100
 51 60.2 39.6 79.6
 105 97.5 28.5 68.5#

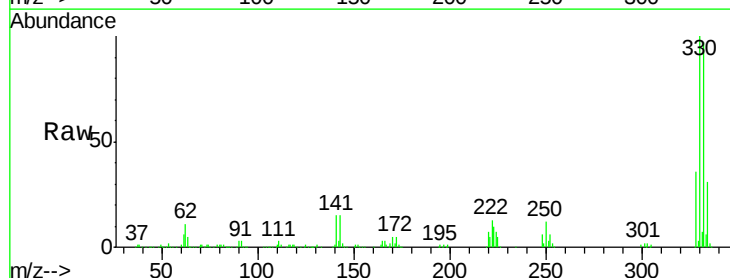


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

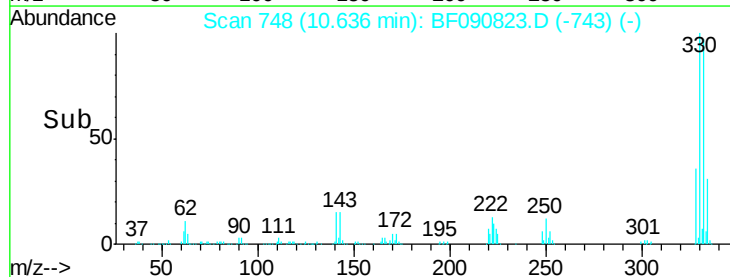
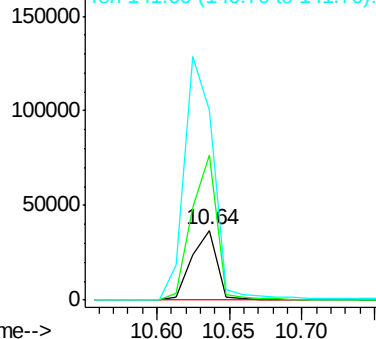


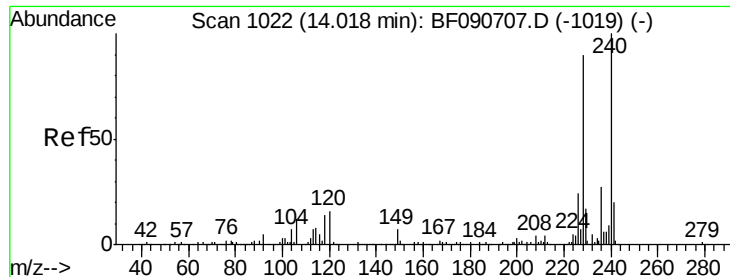
#66
 4-Bromophenyl-phenylether
 Concen: 6.56 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.24 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

Tgt Ion:248 Resp: 44937
 Ion Ratio Lower Upper
 248 100
 250 207.8 78.5 117.7#
 141 272.6 59.0 88.6#



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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF090823.D

Acq: 25 Oct 2016 22:28

Instrument :

BNA_F

ClientSampleId :

SIDEWELL-SOUTH

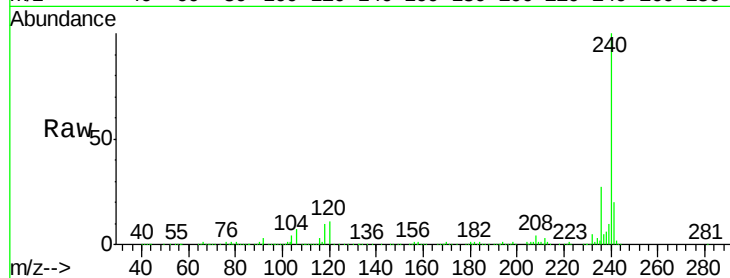
Tgt Ion:240 Resp: 482589

Ion Ratio Lower Upper

240 100

120 10.8 16.2 24.2#

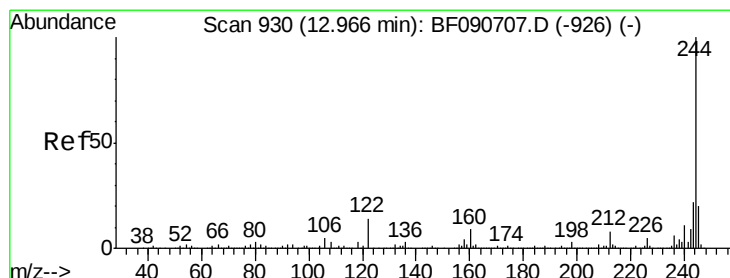
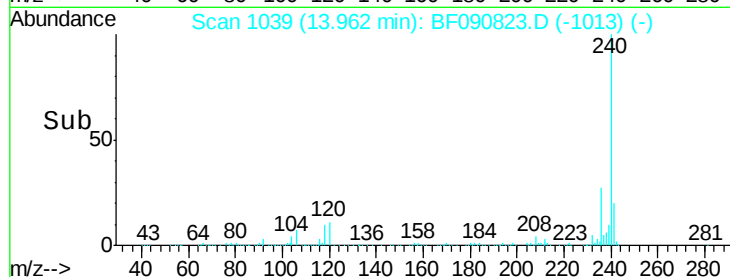
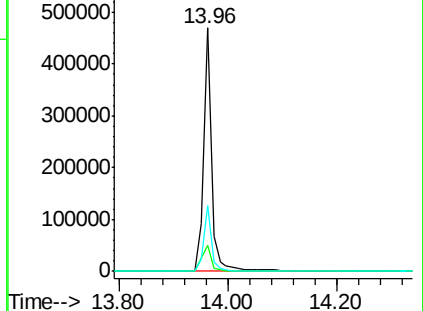
236 26.8 18.4 27.6



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: 124.19 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF090823.D

Acq: 25 Oct 2016 22:28

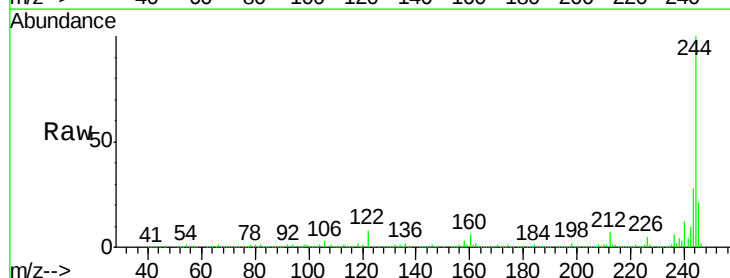
Tgt Ion:244 Resp: 2614933

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

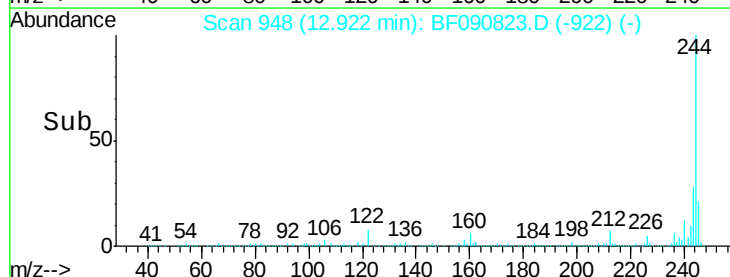
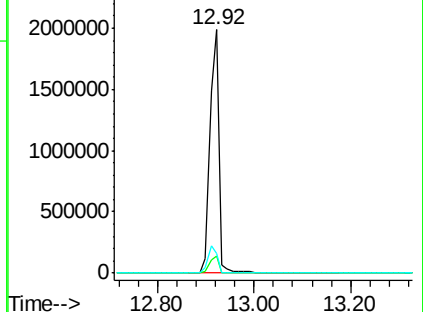
122 8.2 17.4 26.2#

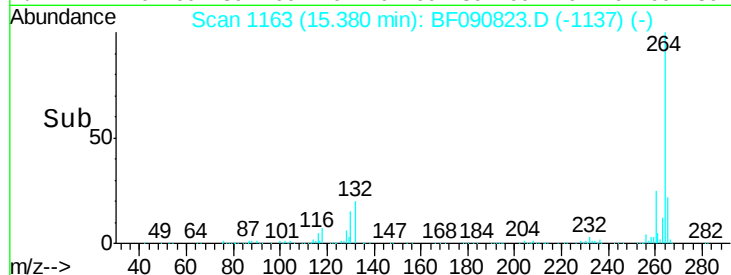
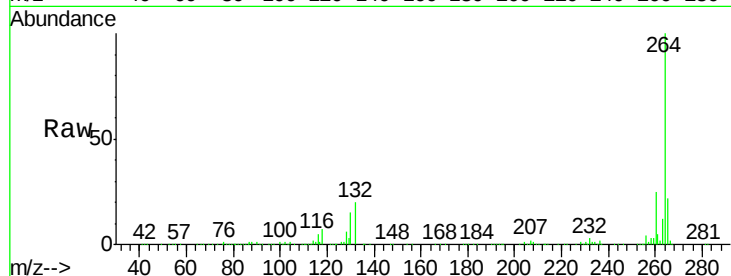
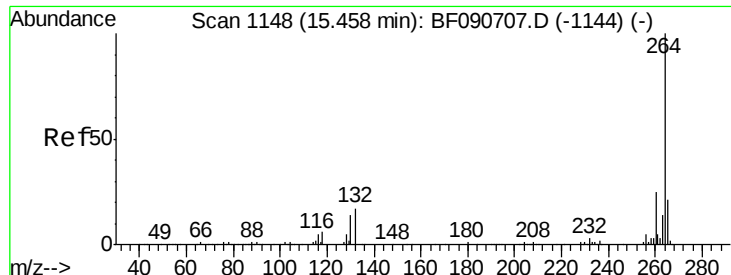


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090823.D
Acq: 25 Oct 2016 22:28

Instrument :
BNA_F
ClientSampleId :
SIDEWELL-SOUTH

Tgt Ion:	264	Resp:	370528
Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.5	17.2	25.8

