

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 01:20:58 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

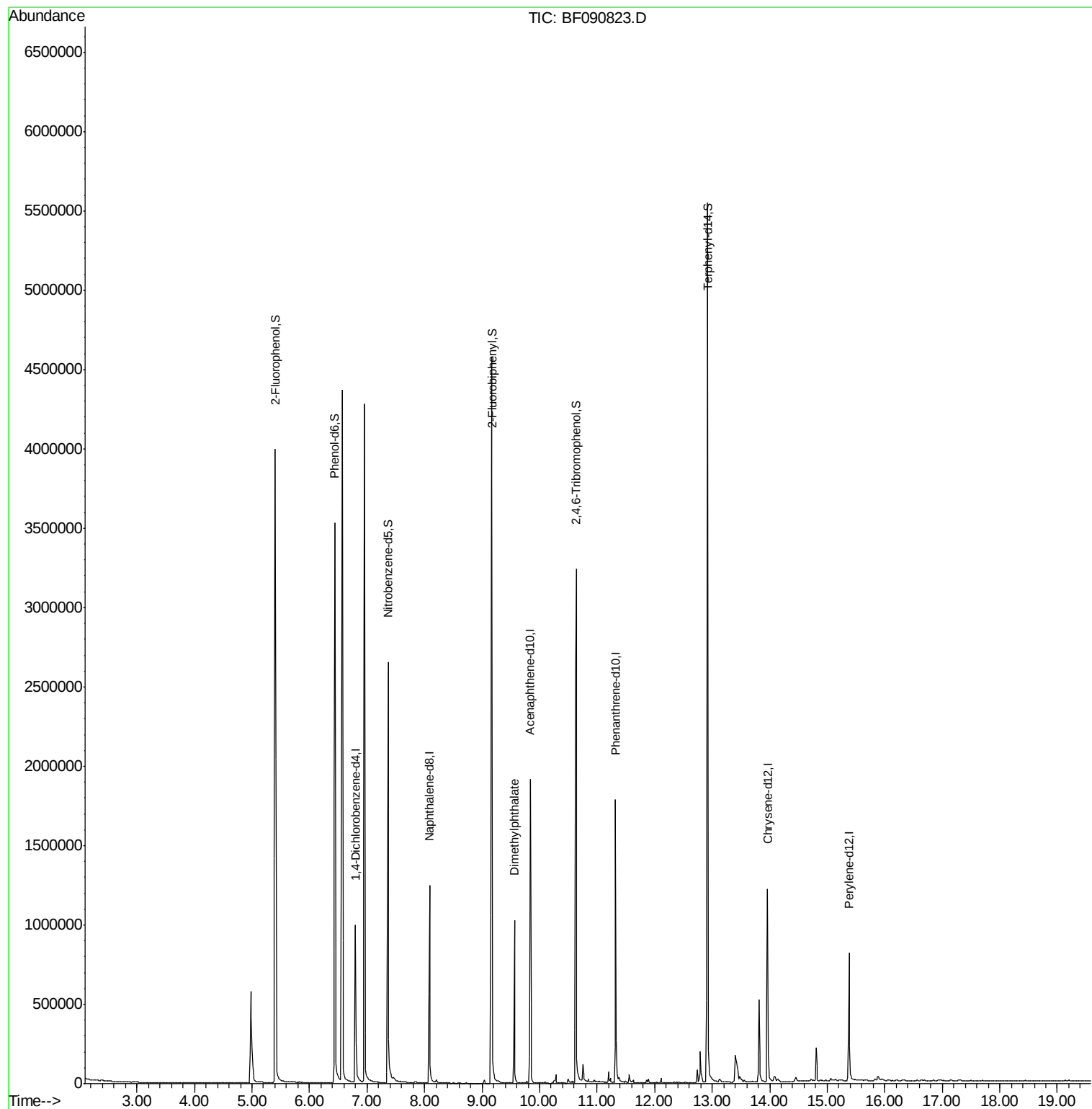
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	184125	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	769430	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	429231	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	707094	20.00	ng	0.00
75) Chrysene-d12	13.96	240	482589	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						Qvalue
49) Dimethylphthalate	9.56	163	474787	17.60	ng	# 97

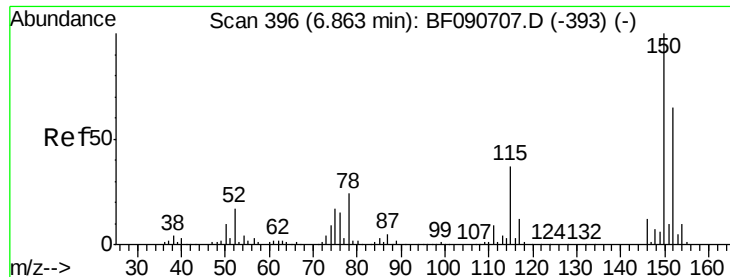
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_F

ClientSampleId :

SIDEWELL-SOUTH

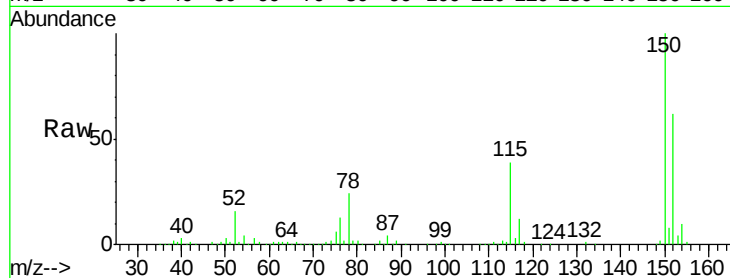
Tot Ion:152 Resp: 184125

Ion Ratio Lower Upper

152 100

150 161.5 124.7 187.1

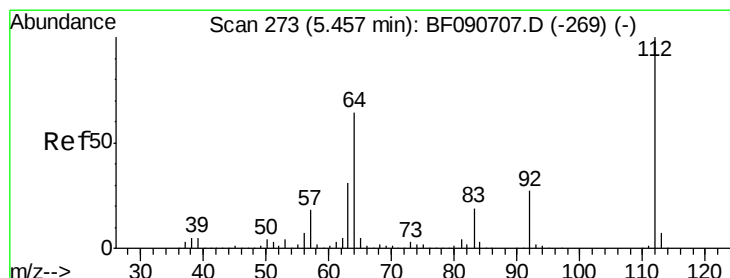
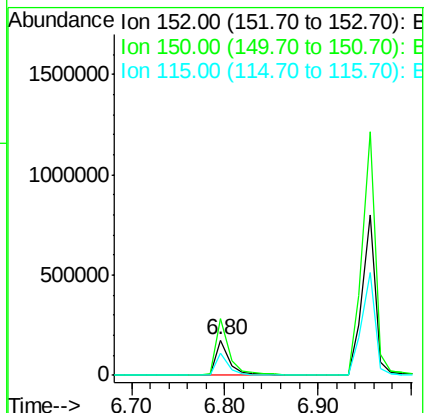
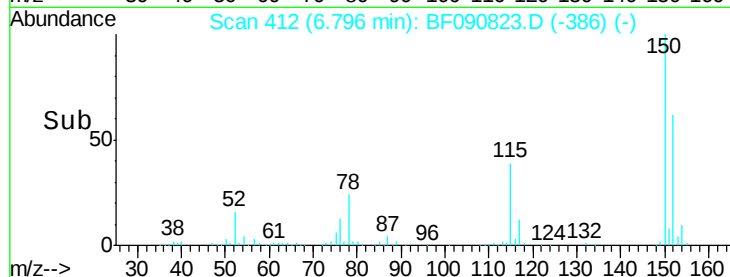
115 62.2 39.0 58.4#



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: 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

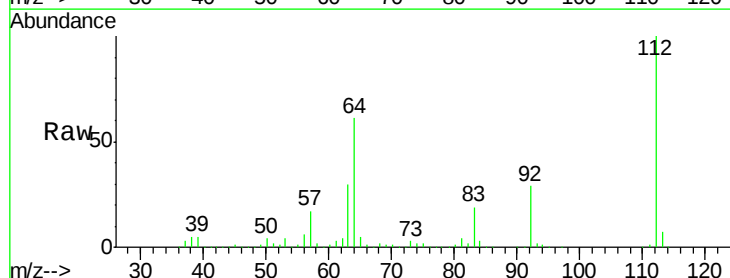
Tgt Ion:112 Resp: 1690112

Ion Ratio Lower Upper

112 100

64 60.6 39.7 59.5#

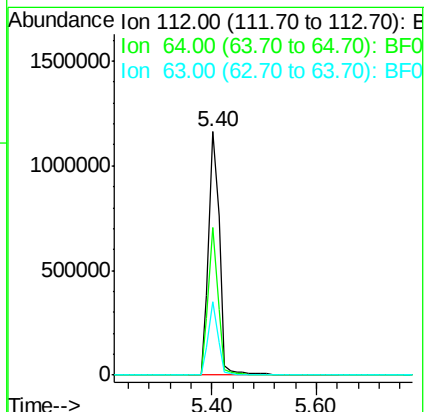
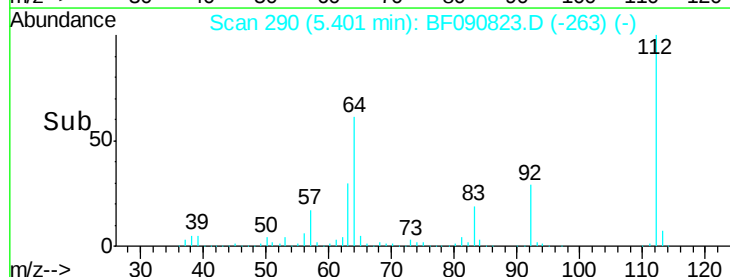
63 30.1 17.4 26.0#

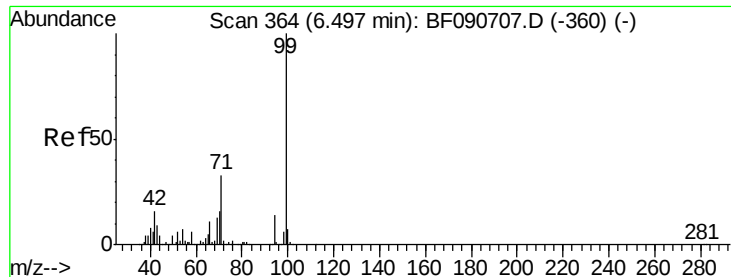


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 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 :

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ClientSampleId :

SIDEWELL-SOUTH

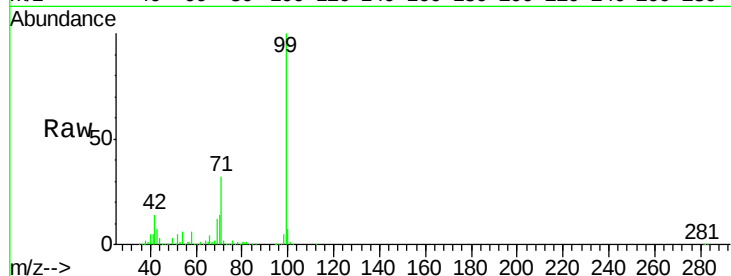
Tot Ion: 99 Resp: 1850729

Ion Ratio Lower Upper

99 100

42 14.4 13.7 20.5

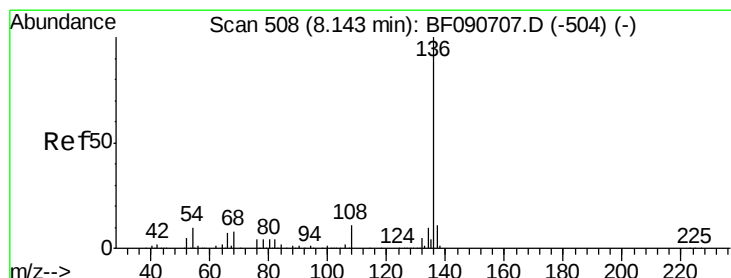
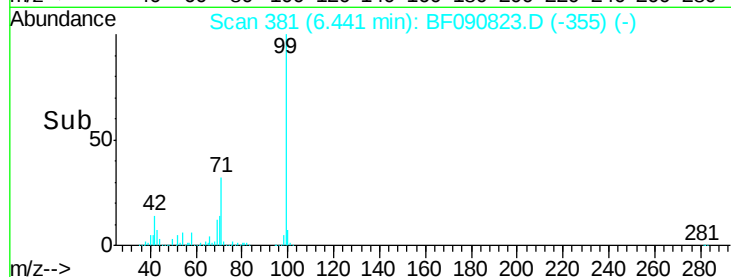
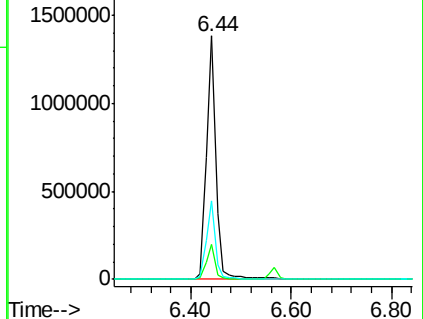
71 32.5 14.2 21.2#



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



#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

Tgt Ion: 136 Resp: 769430

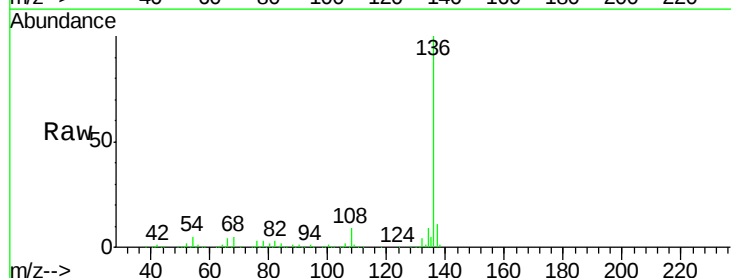
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 4.8 8.2 12.2#

68 5.0 5.8 8.6#

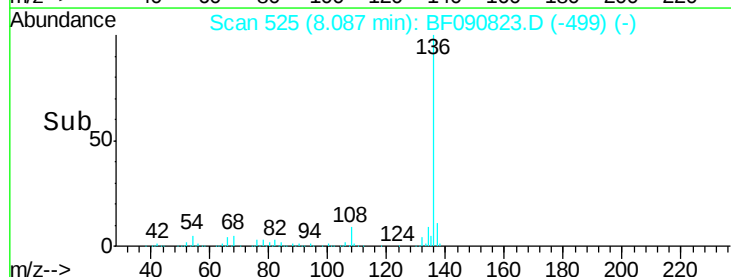
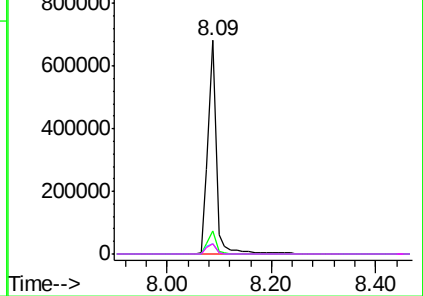


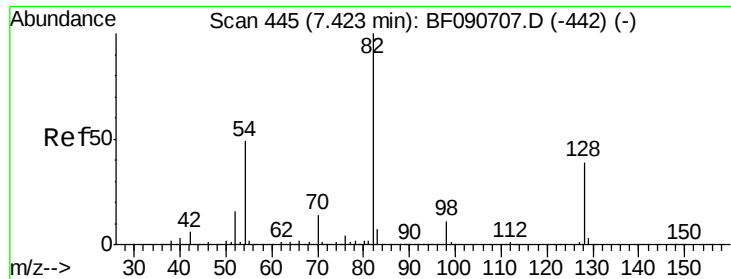
Abundance Ion 136.00 (135.70 to 136.70): E

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

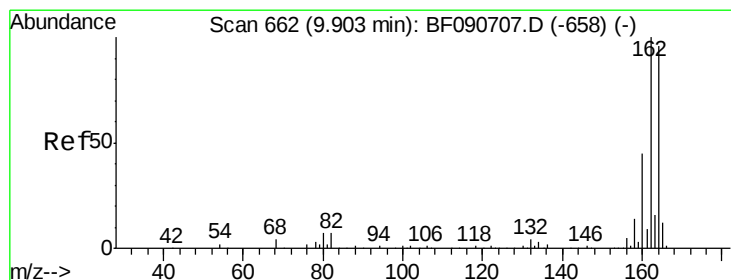
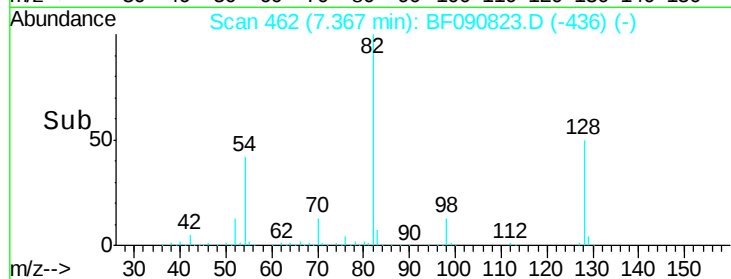
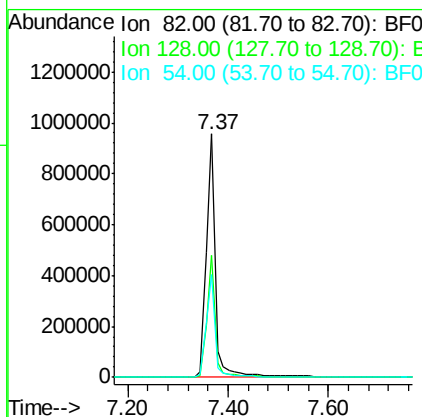
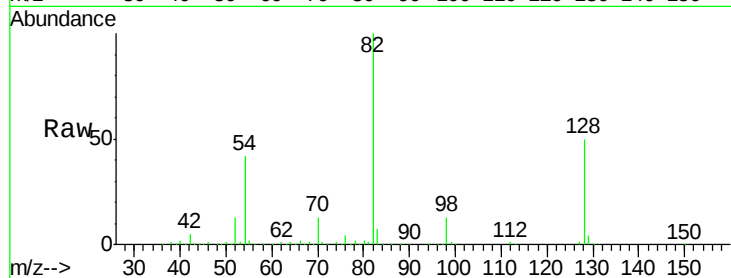




#23
 Nitrobenzene-d5
 Concen: 86.58 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

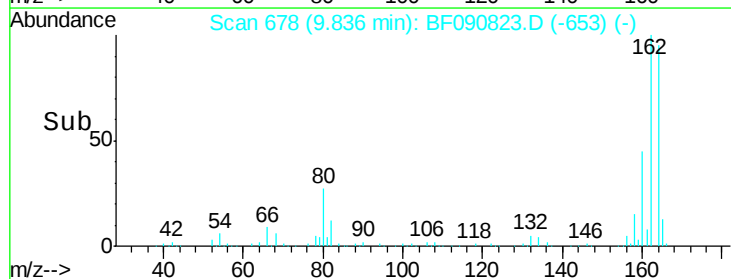
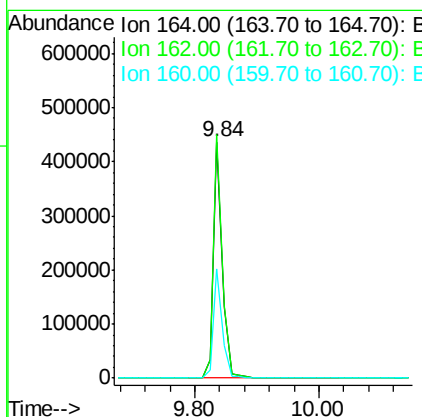
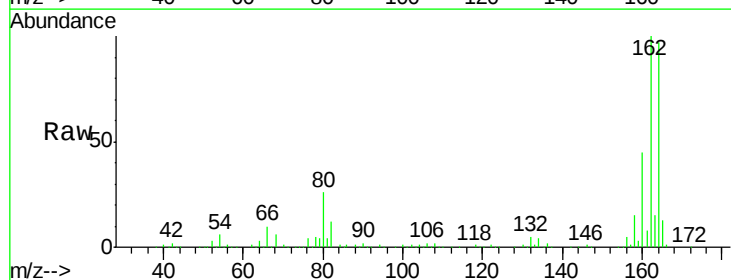
Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-SOUTH

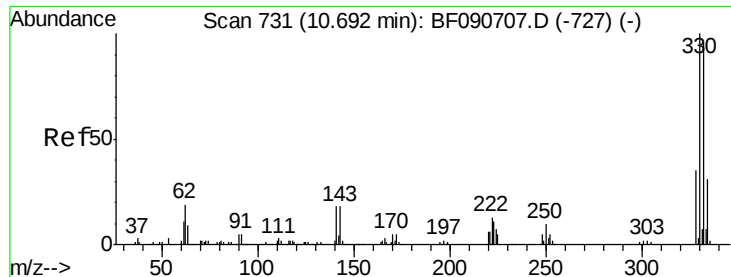
Tot Ion: 82 Resp: 1214626
 Ion Ratio Lower Upper
 82 100
 128 50.3 51.0 76.6#
 54 42.4 47.5 71.3#



#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

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

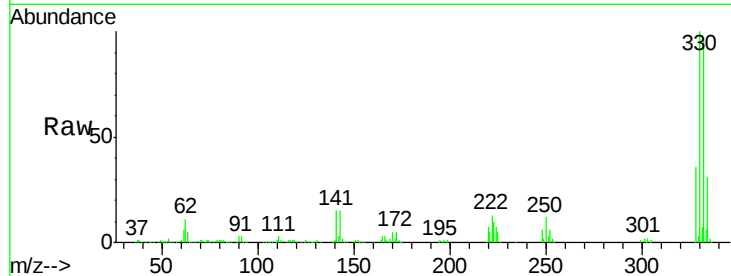




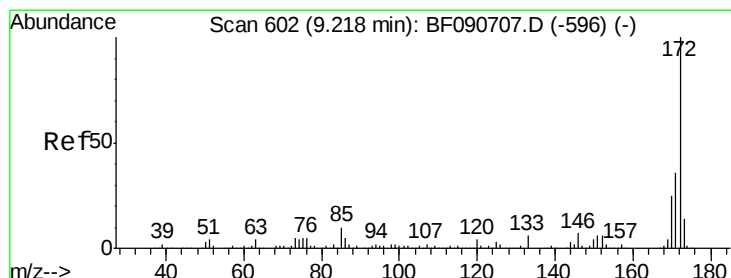
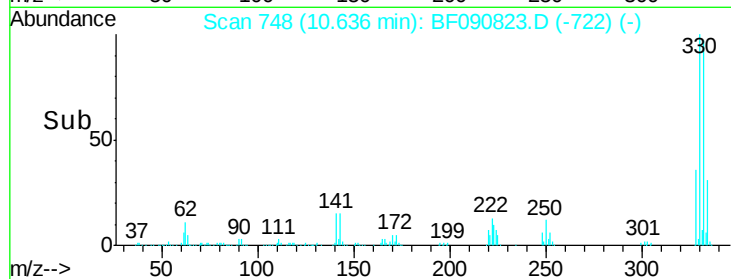
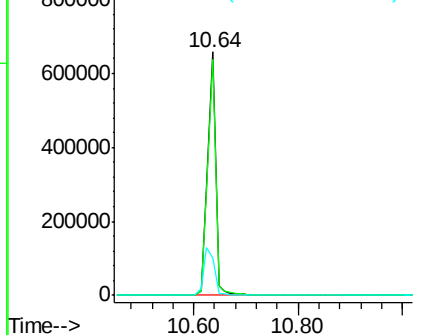
#41
 2,4,6-Tribromophenol
 Concen: 207.94 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWELL-SOUTH

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

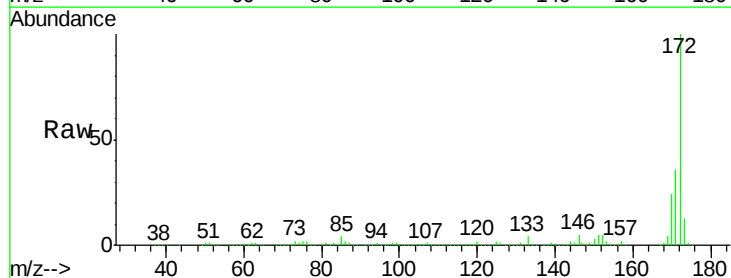


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

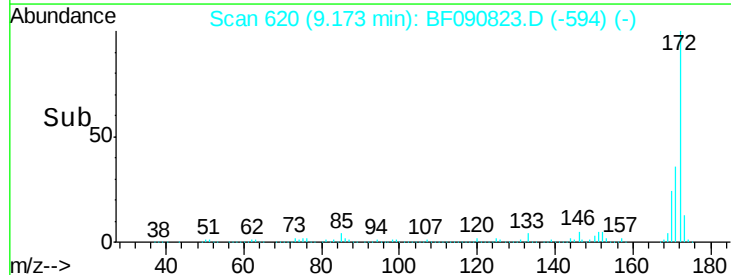
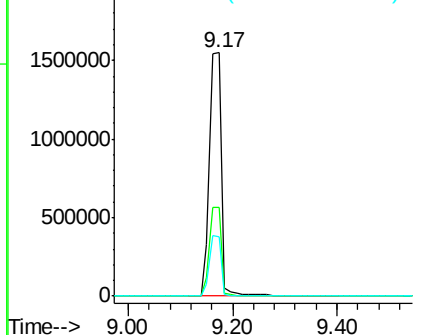


#44
 2-Fluorobiphenyl
 Concen: 89.81 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF090823.D
 Acq: 25 Oct 2016 22:28

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

Instrument :

BNA_F

ClientSampleId :

SIDEWELL-SOUTH

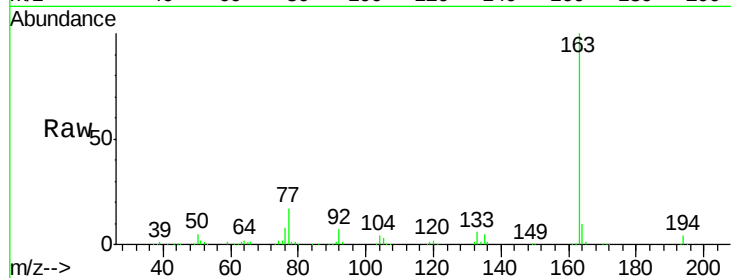
Tot Ion:163 Resp: 474787

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

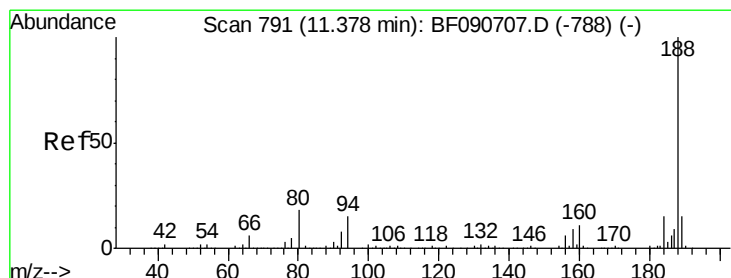
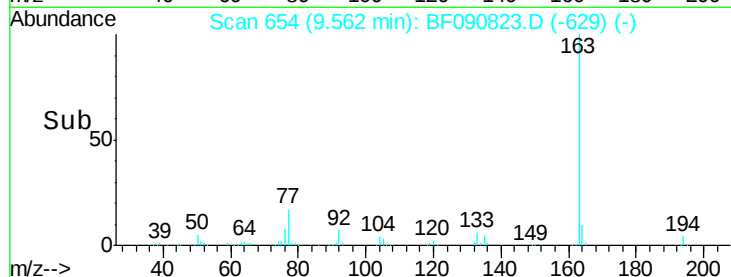
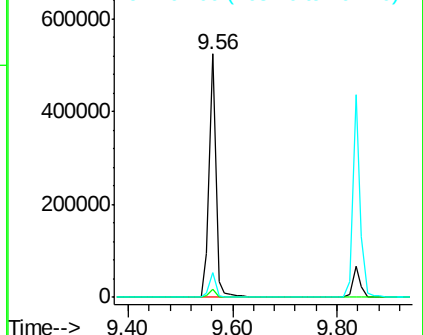
164 10.1 8.3 12.5



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



#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

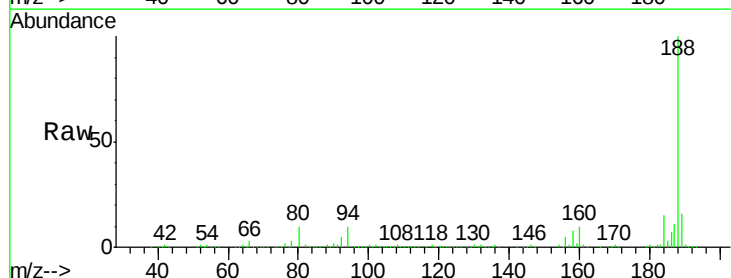
Tgt Ion:188 Resp: 707094

Ion Ratio Lower Upper

188 100

94 9.7 11.1 16.7#

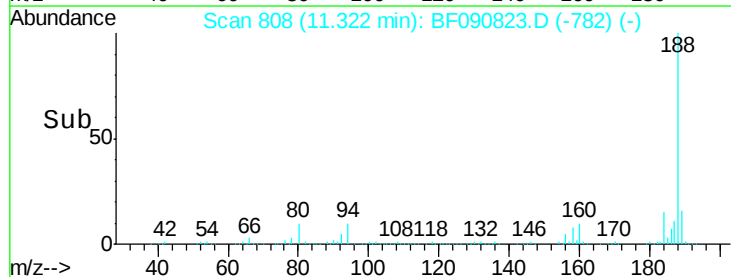
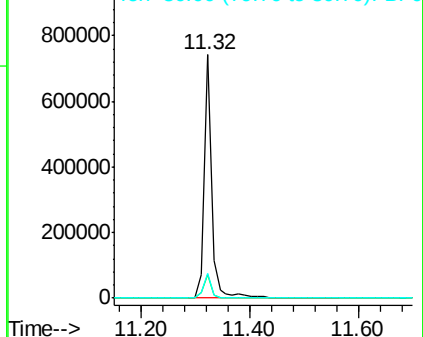
80 10.2 11.0 16.4#



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





#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

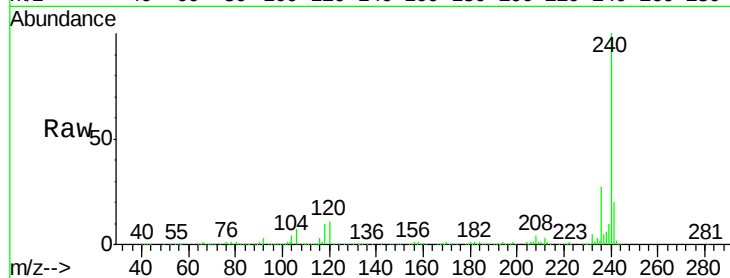
Tot Ion:240 Resp: 482589

Ion Ratio Lower Upper

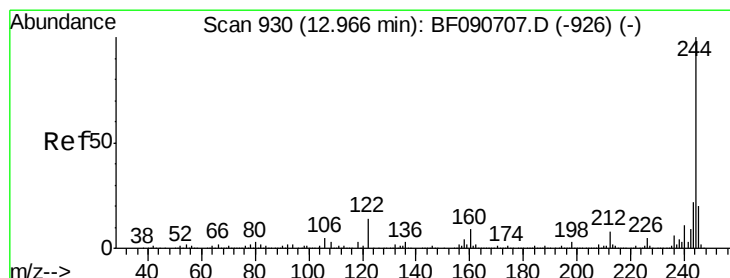
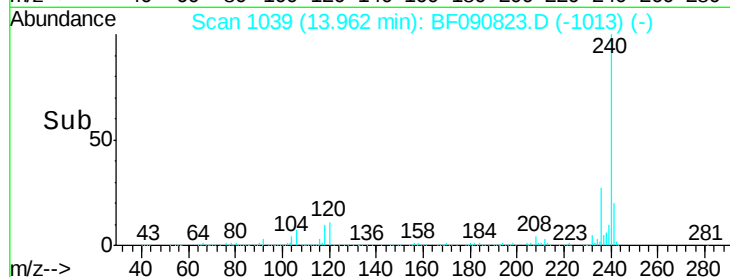
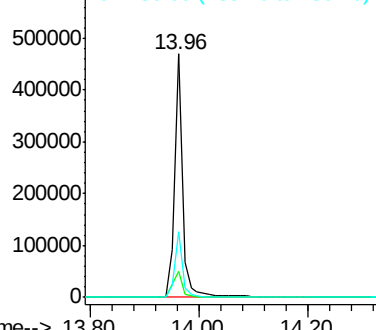
240 100

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

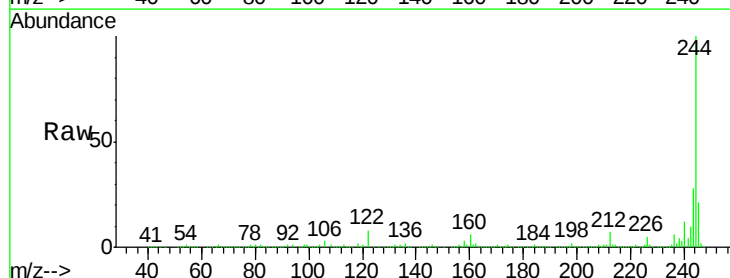
Tgt Ion:244 Resp: 2614933

Ion Ratio Lower Upper

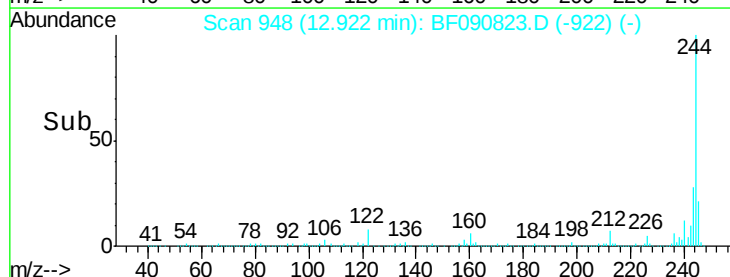
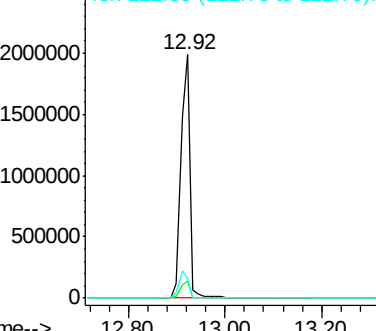
244 100

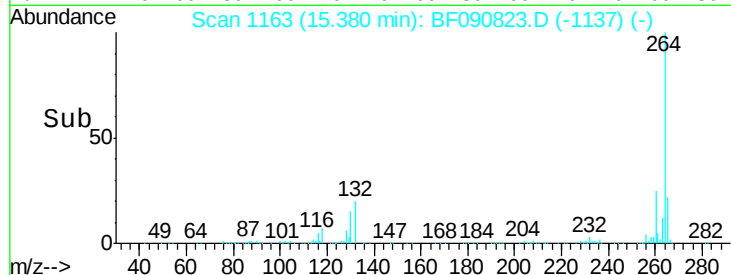
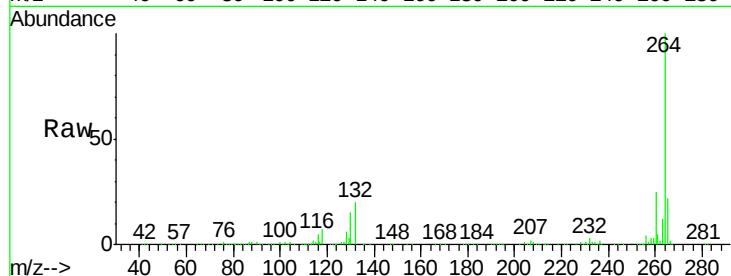
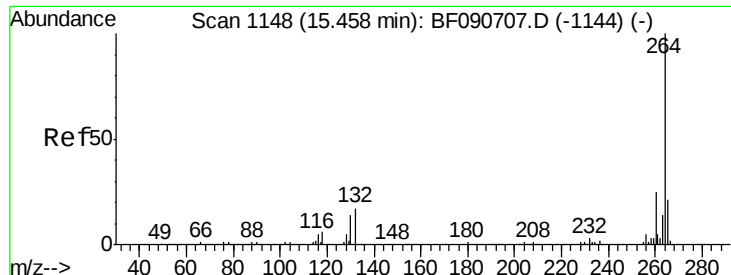
212 6.9 4.3 6.5#

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
 Pervlene-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

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

