

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102416\
 Data File : BF090800.D
 Acq On : 24 Oct 2016 21:03
 Operator : UM/SJ
 Sample : H5393-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTH

Quant Time: Oct 25 00:59:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

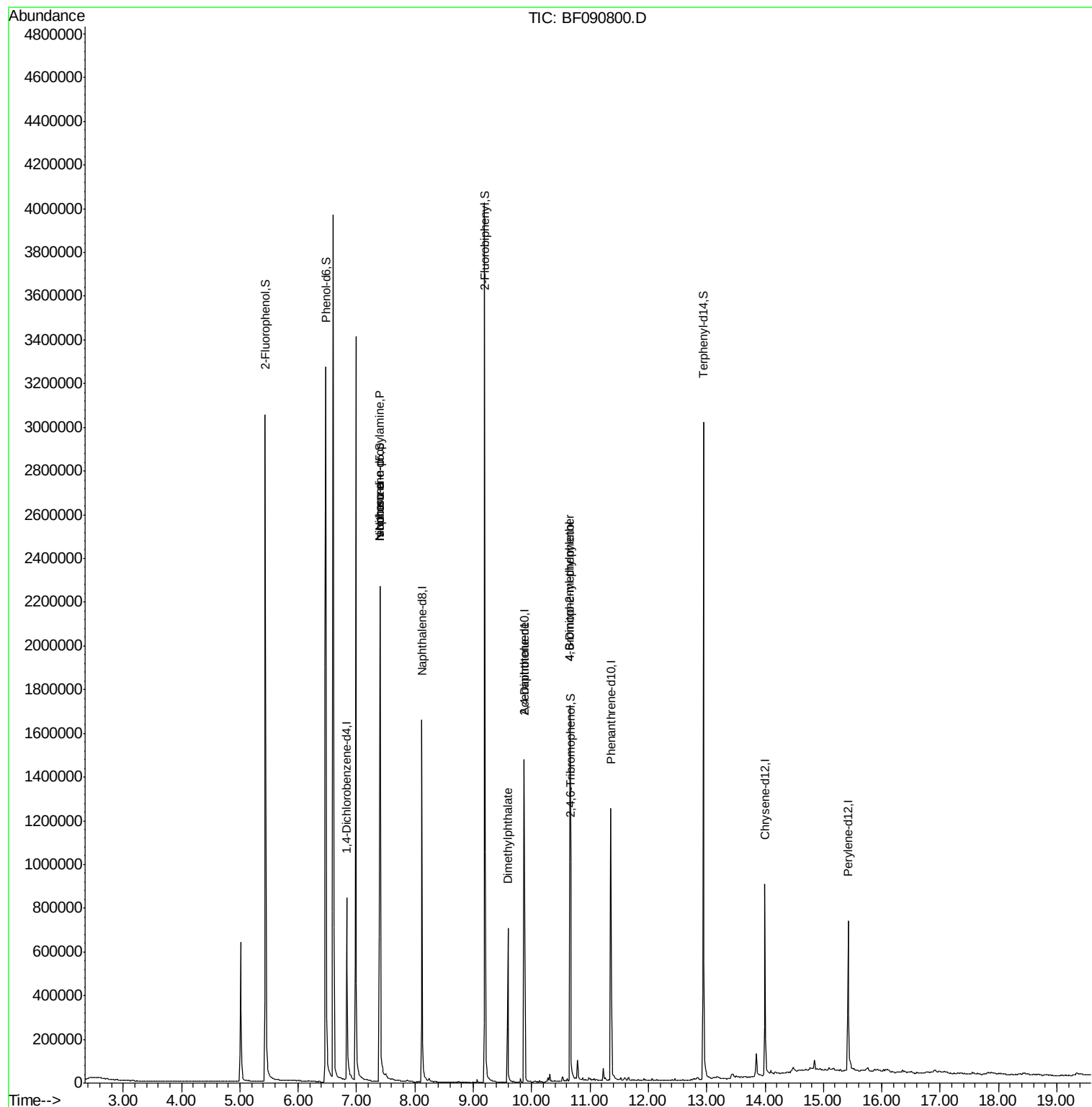
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	184508	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	790003	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	348327	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	519318	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	340581	20.00	ng	-0.02
86) Perylene-d12	15.42	264	317509	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1086710	94.99	ng	-0.02
7) Phenol-d6	6.47	99	1580150	101.97	ng	-0.02
23) Nitrobenzene-d5	7.40	82	944971	65.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	275889	100.07	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1314746	58.59	ng	-0.03
78) Terphenyl-d14	12.94	244	995129	66.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	122059	10.58	ng	# 51
25) Isophorone	7.40	82	747972	27.43	ng	# 58
49) Dimethylphthalate	9.59	163	334446	15.28	ng	# 97
56) 2,4-Dinitrotoluene	9.87	165	44650	7.76	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.66	198	424	4.29	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	16648	3.31	ng	# 1

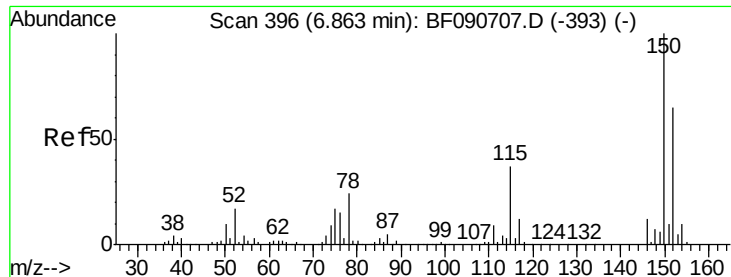
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 393

Delta R.T. -0.03 min

Lab File: BF090800.D

Acq: 24 Oct 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTH

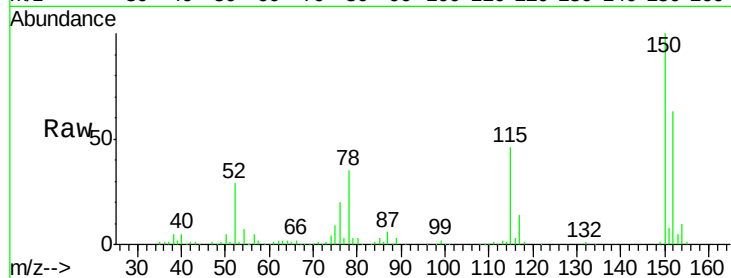
Tgt Ion:152 Resp: 184508

Ion Ratio Lower Upper

152 100

150 159.4 124.7 187.1

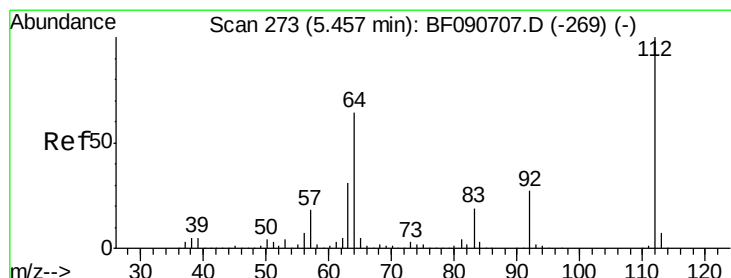
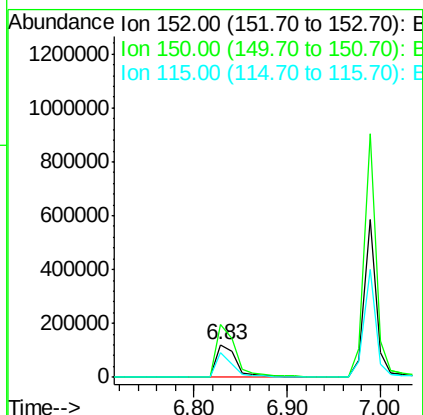
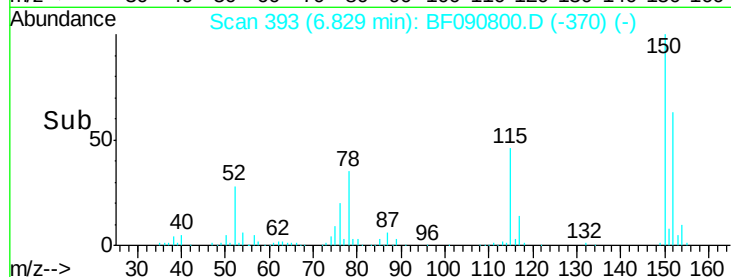
115 73.5 39.0 58.4#



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: 94.99 ng

RT: 5.43 min Scan# 271

Delta R.T. -0.02 min

Lab File: BF090800.D

Acq: 24 Oct 2016 21:03

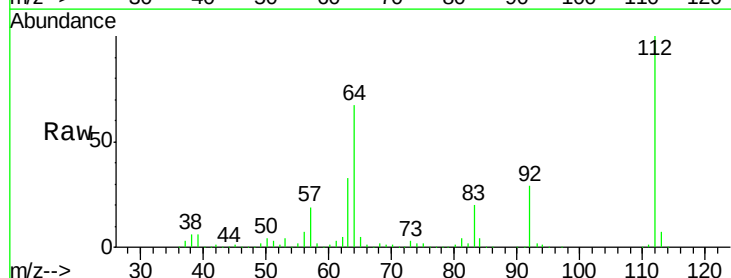
Tgt Ion:112 Resp: 1086710

Ion Ratio Lower Upper

112 100

64 66.9 39.7 59.5#

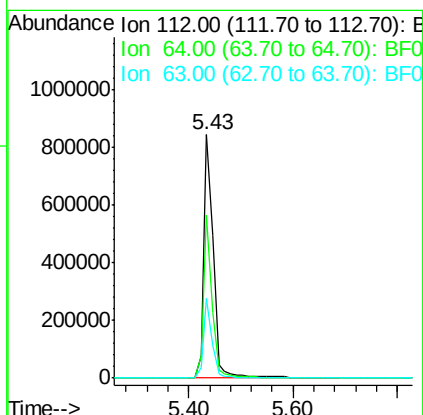
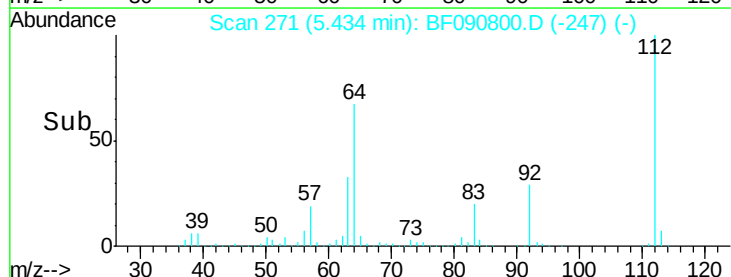
63 33.0 17.4 26.0#

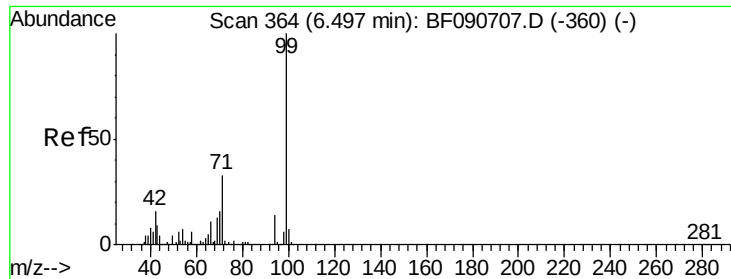


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.97 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090800.D

Acq: 24 Oct 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTH

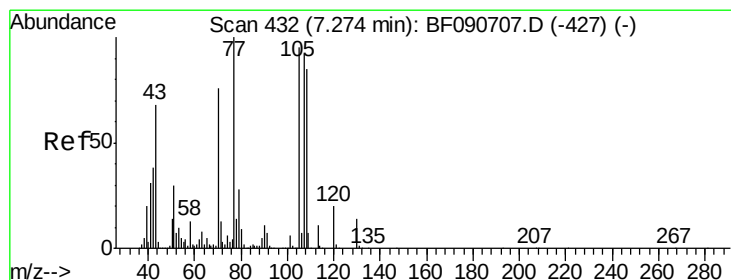
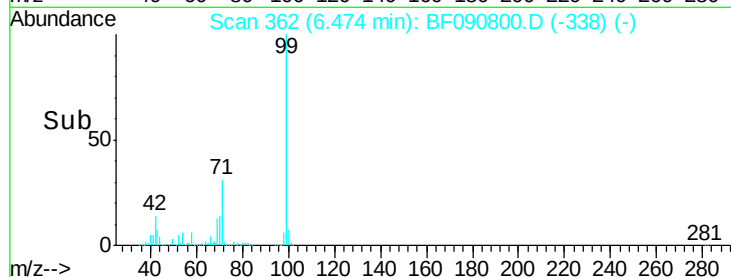
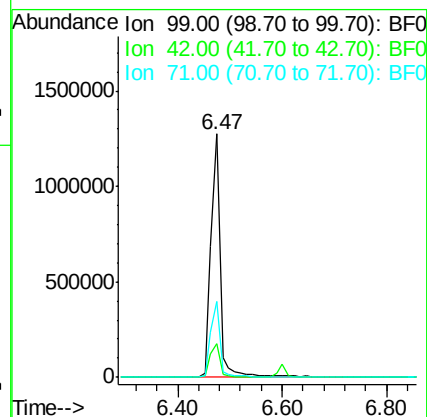
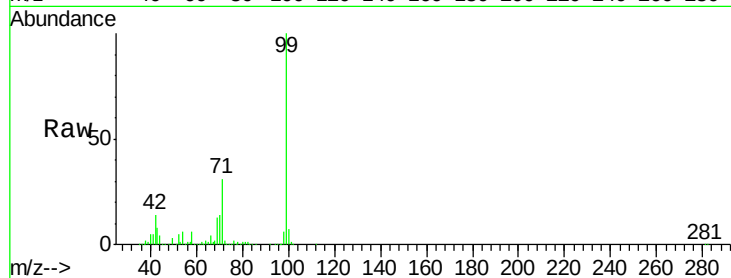
Tgt Ion: 99 Resp: 1580150

Ion Ratio Lower Upper

99 100

42 14.1 13.7 20.5

71 31.3 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 10.58 ng

RT: 7.40 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF090800.D

Acq: 24 Oct 2016 21:03

Tgt Ion: 70 Resp: 122059

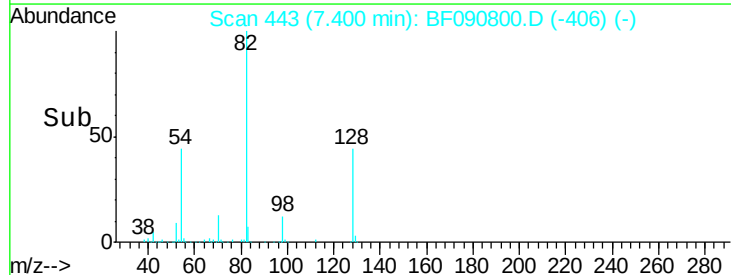
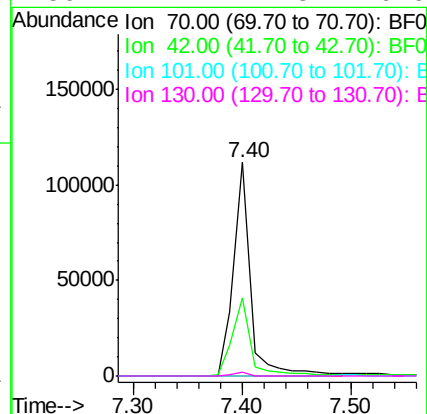
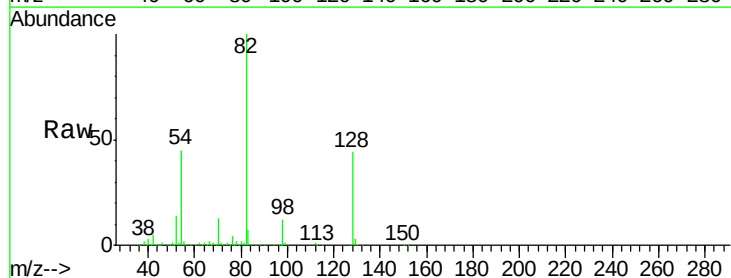
Ion Ratio Lower Upper

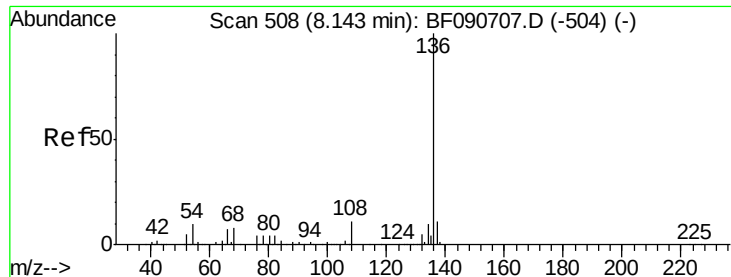
70 100

42 36.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090800.D

Acq: 24 Oct 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTH

Tgt Ion: 136 Resp: 790003

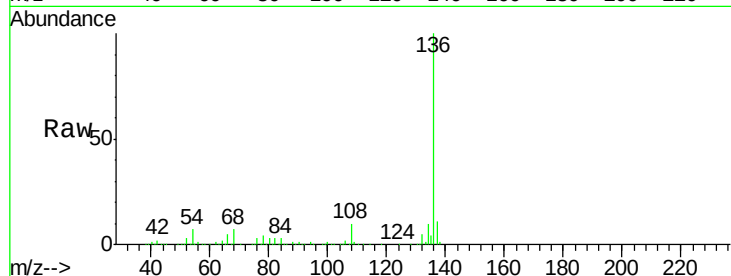
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.4 8.2 12.2#

68 6.7 5.8 8.6

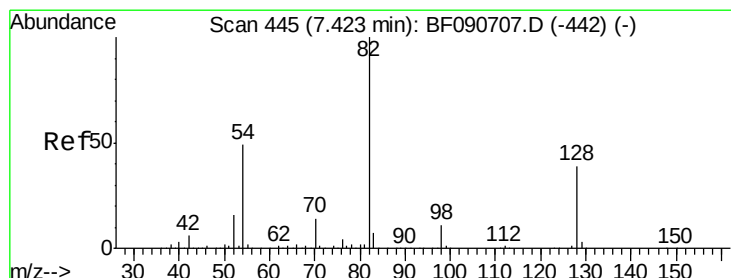
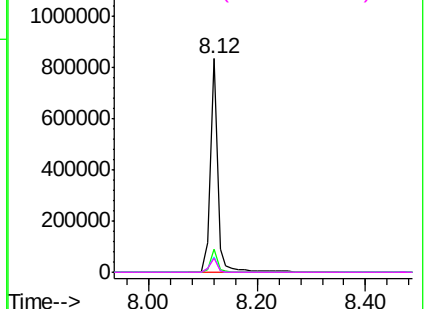
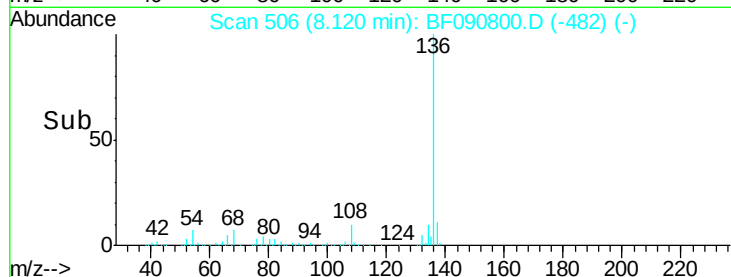


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.61 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF090800.D

Acq: 24 Oct 2016 21:03

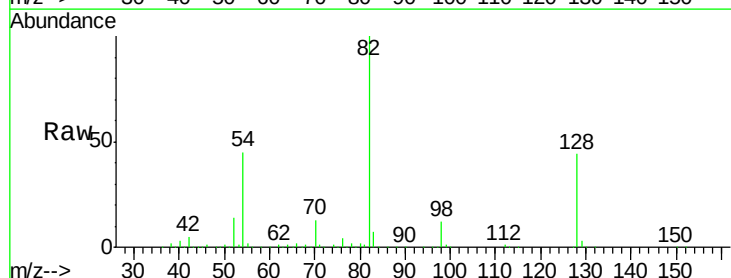
Tgt Ion: 82 Resp: 944971

Ion Ratio Lower Upper

82 100

128 44.4 51.0 76.6#

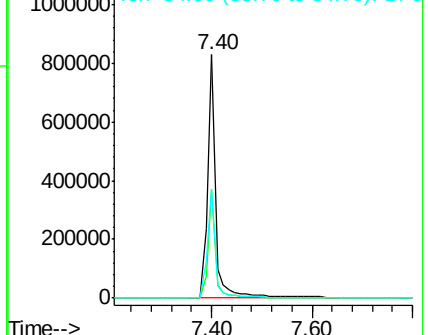
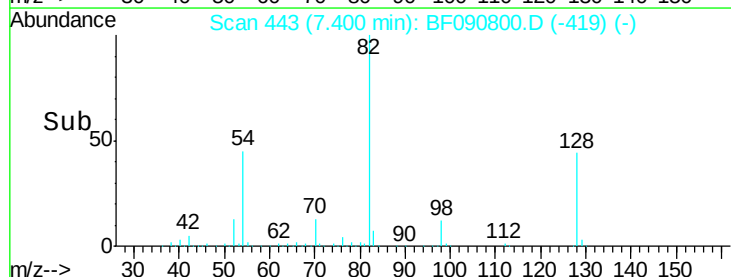
54 44.9 47.5 71.3#

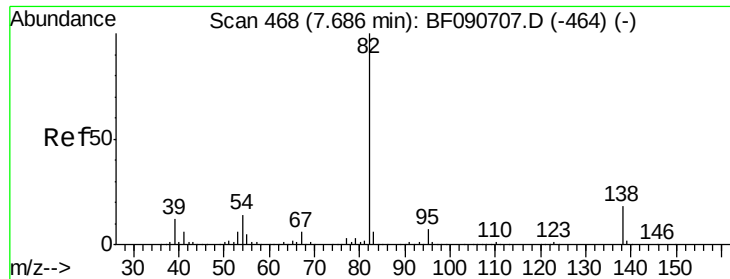


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.43 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.29 min

Lab File: BF090800.D

Acq: 24 Oct 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTH

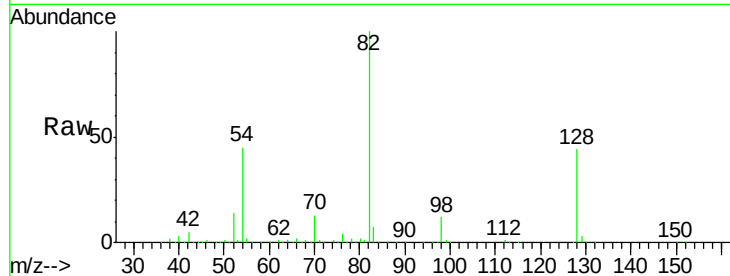
Tgt Ion: 82 Resp: 747972

Ion Ratio Lower Upper

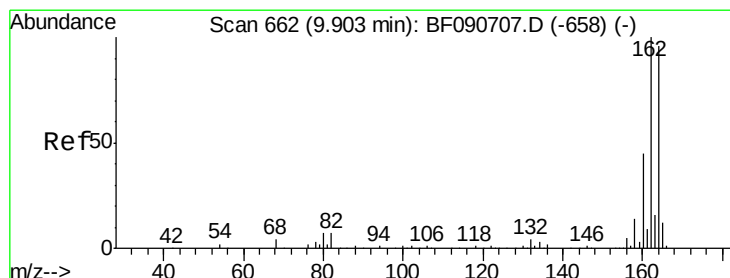
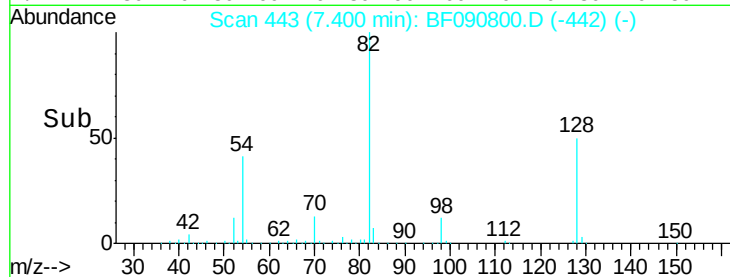
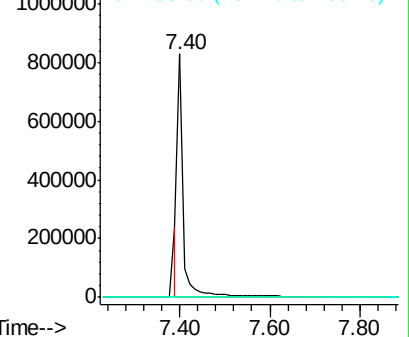
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF090800.D

Acq: 24 Oct 2016 21:03

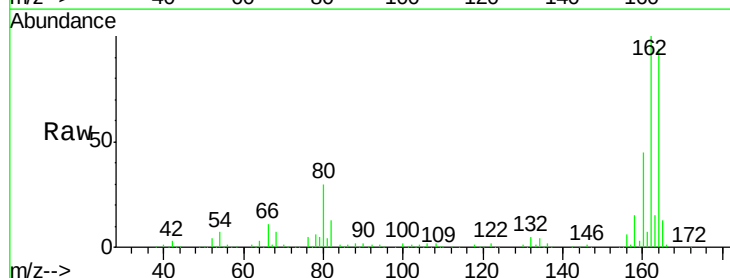
Tgt Ion: 164 Resp: 348327

Ion Ratio Lower Upper

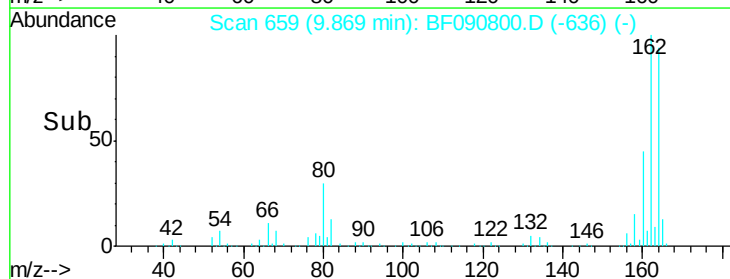
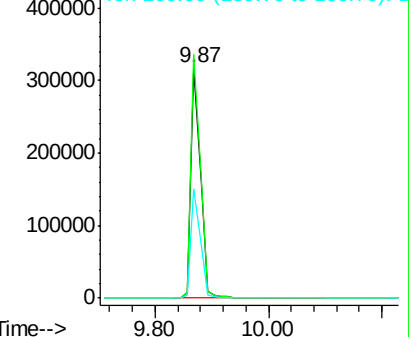
164 100

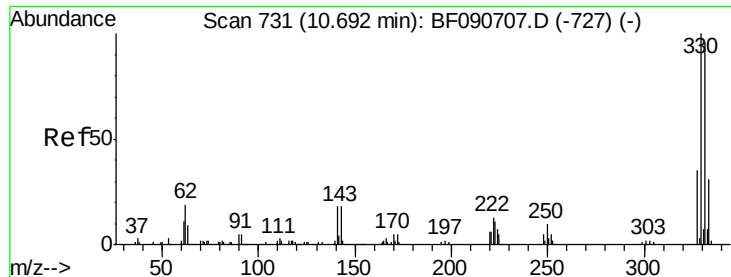
162 106.0 75.2 112.8

160 47.8 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

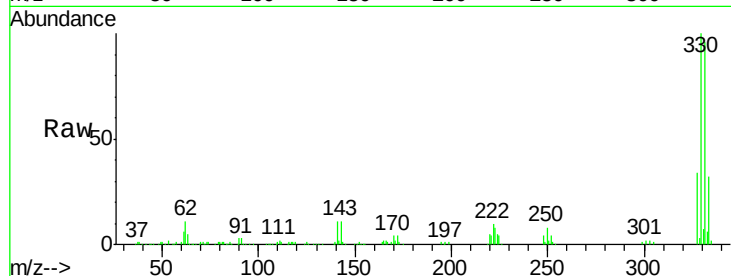




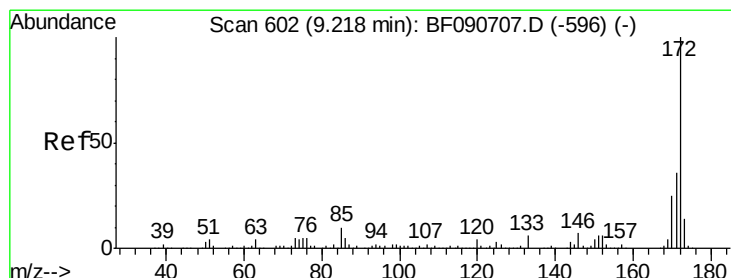
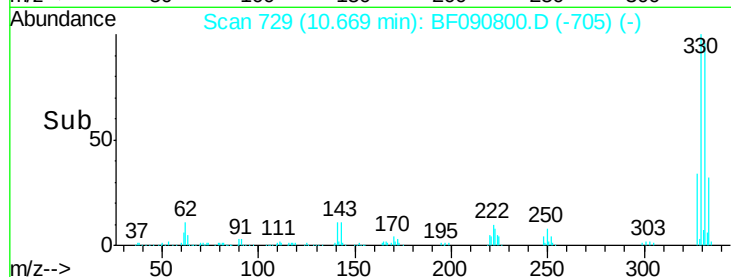
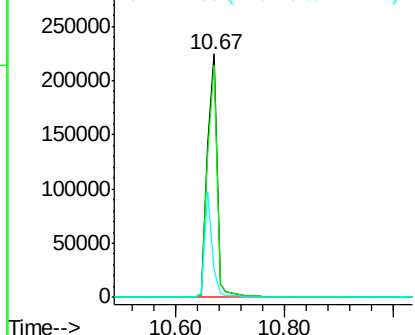
#41
 2,4,6-Tribromophenol
 Concen: 100.07 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090800.D
 Acq: 24 Oct 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTH

Tgt Ion:330 Resp: 275889
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 34.3 29.7 44.5

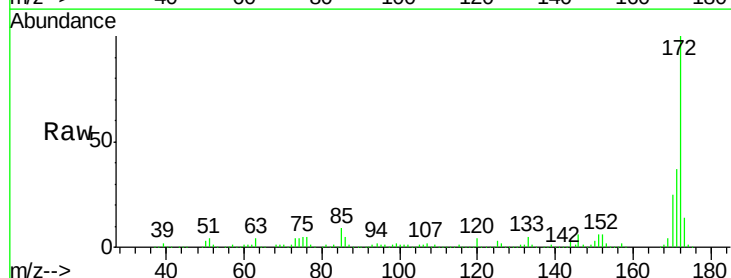


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

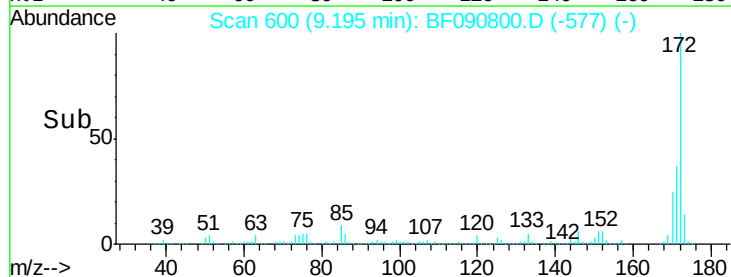
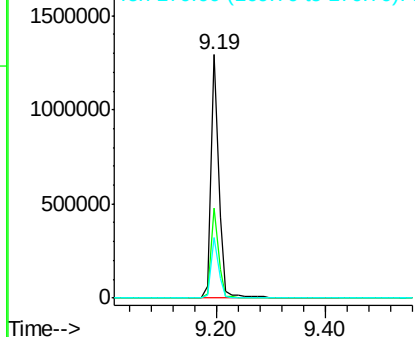


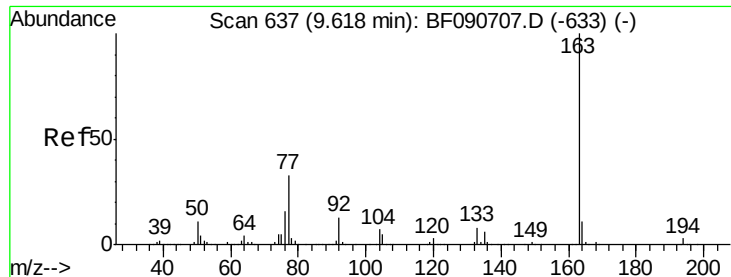
#44
 2-Fluorobiphenyl
 Concen: 58.59 ng
 RT: 9.19 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF090800.D
 Acq: 24 Oct 2016 21:03

Tgt Ion:172 Resp: 1314746
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 24.8 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: 15.28 ng

RT: 9.59 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF090800.D

Acq: 24 Oct 2016 21:03

Instrument :

BNA_F

ClientSampleId :

SIDEWALL-SOUTH

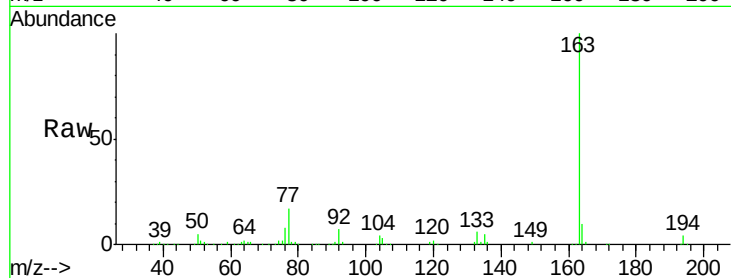
Tgt Ion:163 Resp: 334446

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

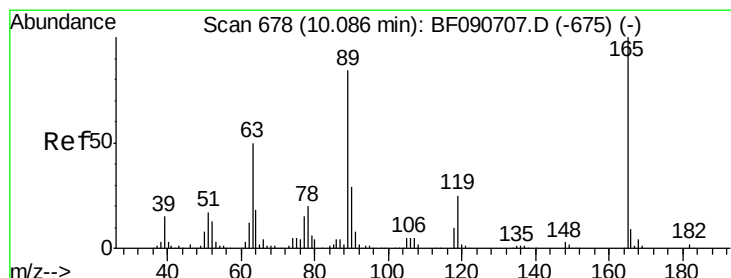
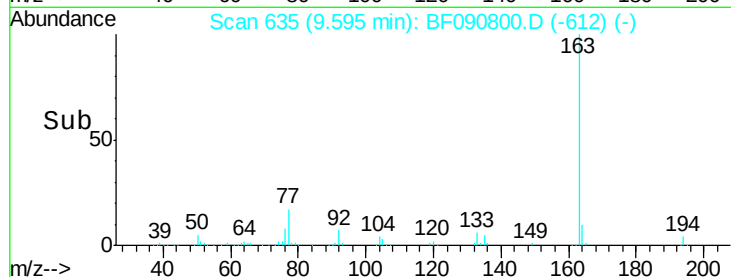
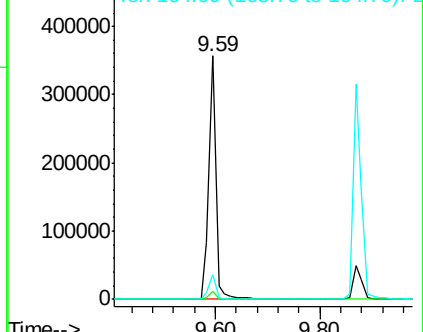
164 10.1 8.3 12.5



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: 7.76 ng

RT: 9.87 min Scan# 659

Delta R.T. -0.22 min

Lab File: BF090800.D

Acq: 24 Oct 2016 21:03

Tgt Ion:165 Resp: 44650

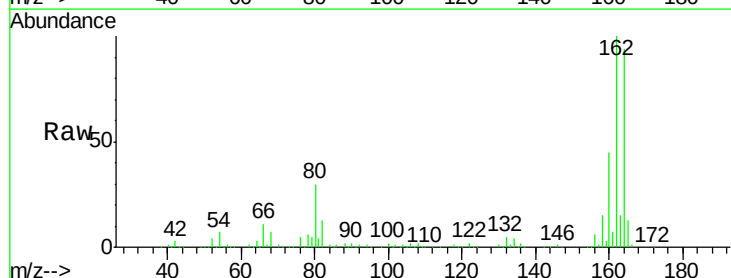
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.6#

89 1.0 44.5 66.7#

182 0.0 3.0 4.4#

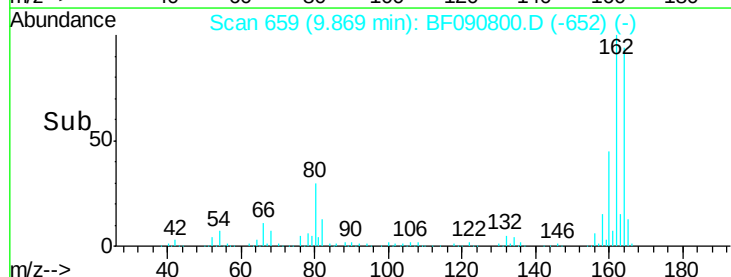
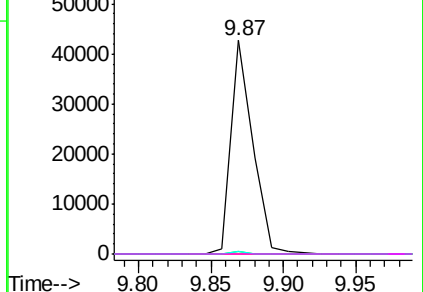


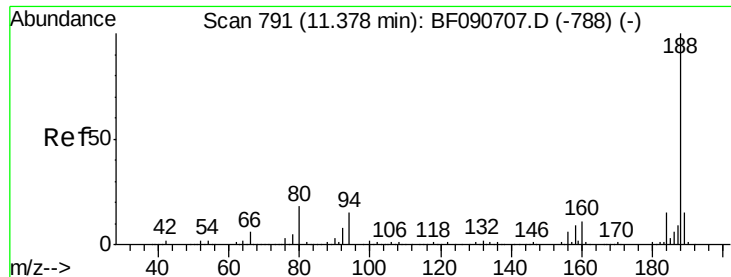
Abundance Ion 165.00 (164.70 to 165.70): E

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

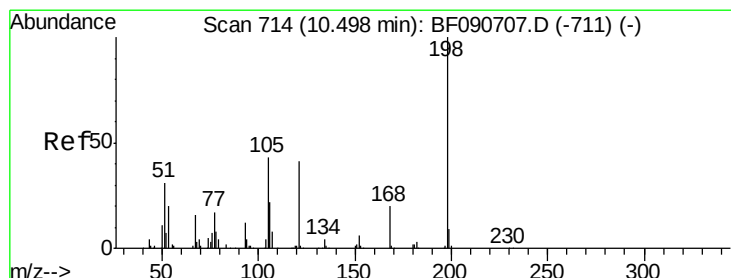
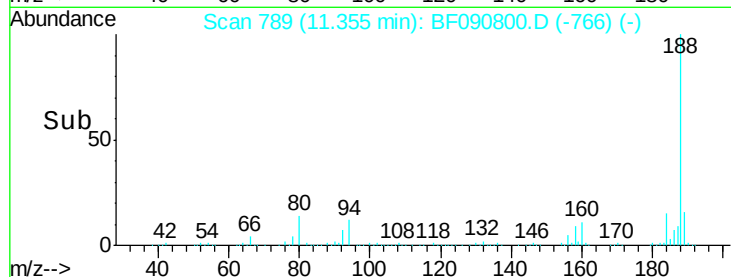
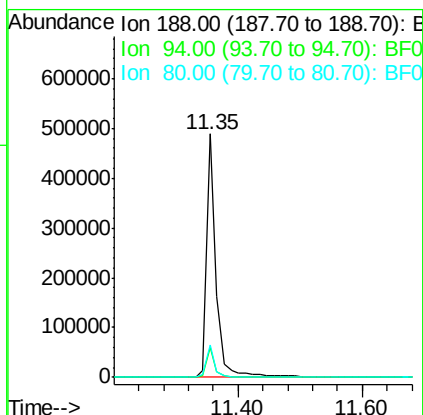
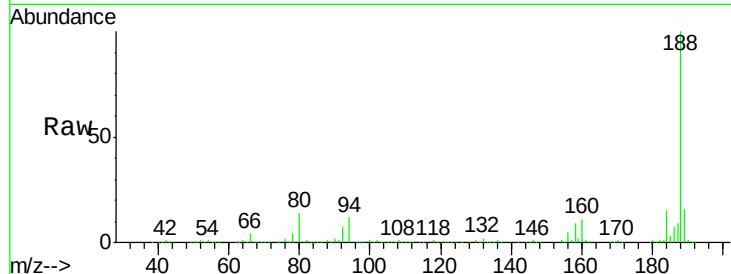




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090800.D
Acq: 24 Oct 2016 21:03

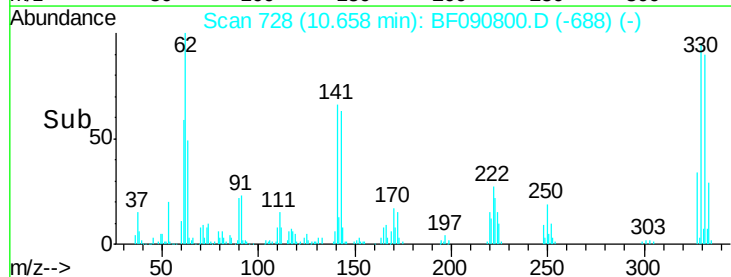
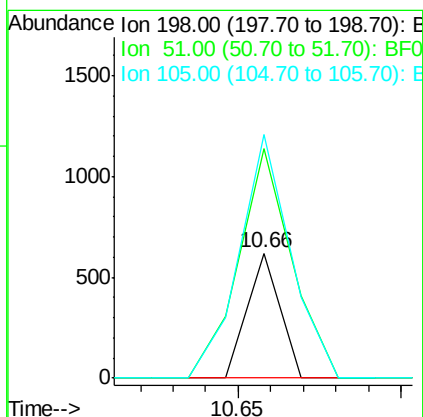
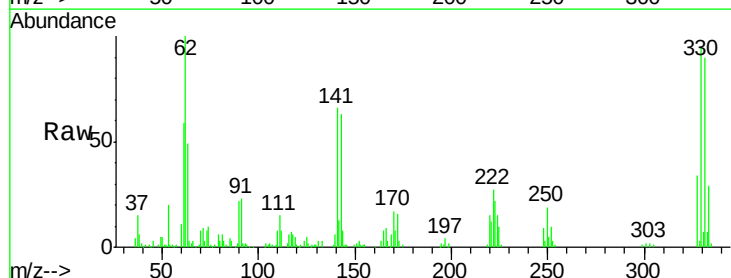
Instrument :
BNA_F
ClientSampleId :
SIDEWALL-SOUTH

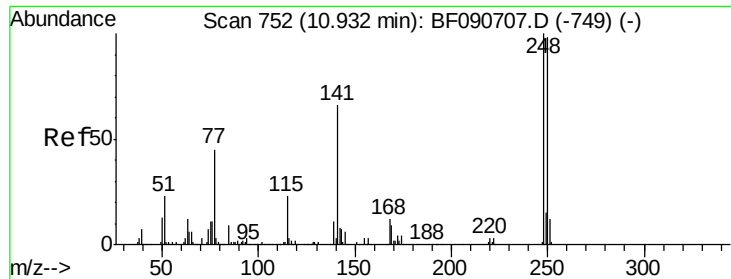
Tgt Ion:188 Resp: 519318
Ion Ratio Lower Upper
188 100
94 12.5 11.1 16.7
80 13.5 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 4.29 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.16 min
Lab File: BF090800.D
Acq: 24 Oct 2016 21:03

Tgt Ion:198 Resp: 424
Ion Ratio Lower Upper
198 100
51 184.5 39.6 79.6#
105 195.5 28.5 68.5#

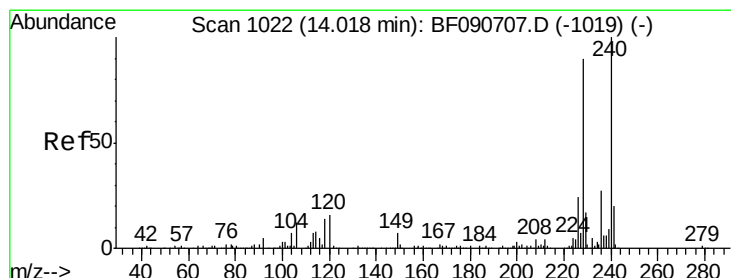
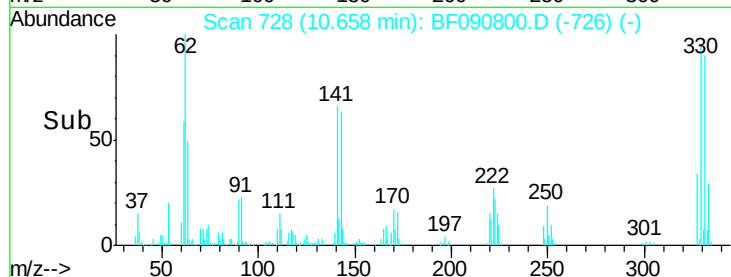
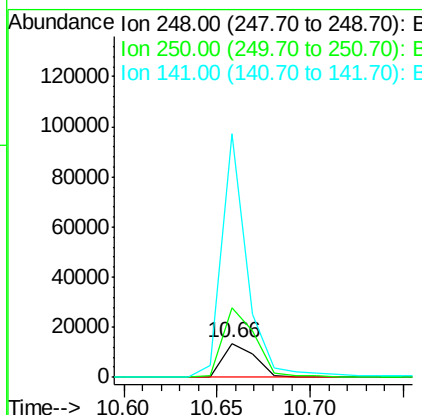
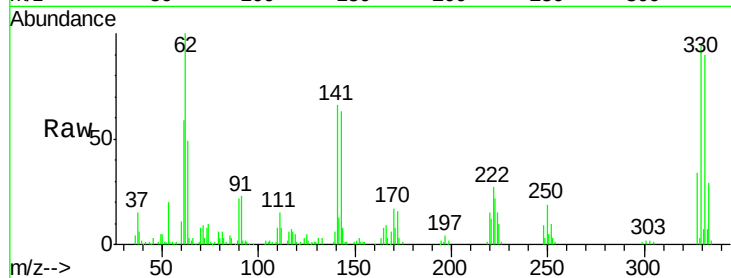




#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.66 min Scan# 728
Delta R.T. -0.27 min
Lab File: BF090800.D
Acq: 24 Oct 2016 21:03

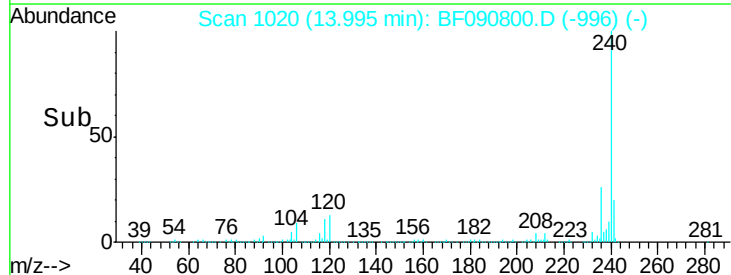
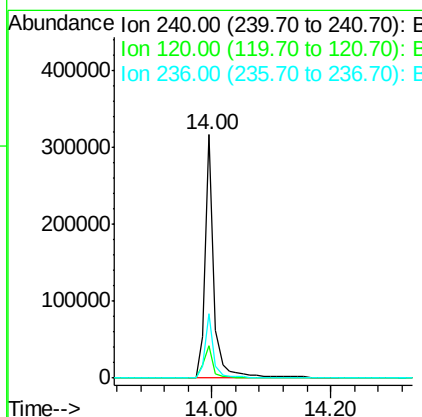
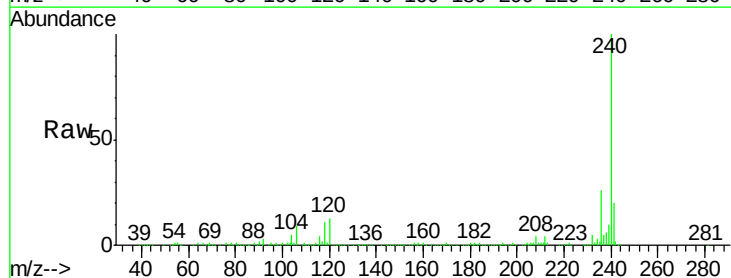
Instrument :
BNA_F
ClientSampleId :
SIDEWALL-SOUTH

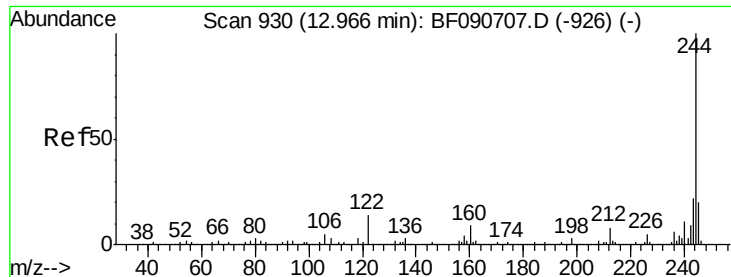
Tgt Ion:248 Resp: 16648
Ion Ratio Lower Upper
248 100
250 204.3 78.5 117.7#
141 711.8 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF090800.D
Acq: 24 Oct 2016 21:03

Tgt Ion:240 Resp: 340581
Ion Ratio Lower Upper
240 100
120 13.2 16.2 24.2#
236 26.2 18.4 27.6

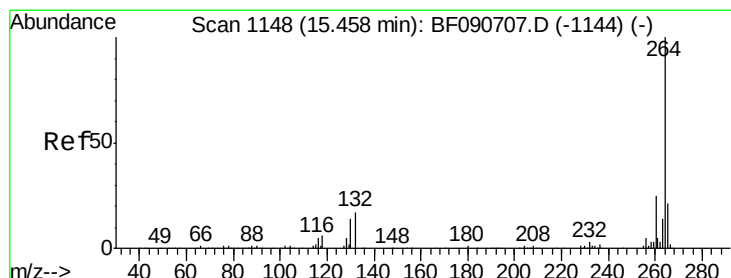
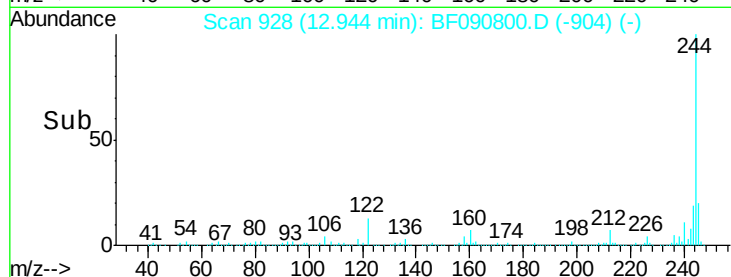
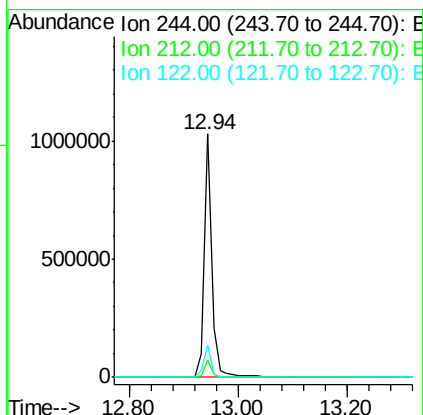
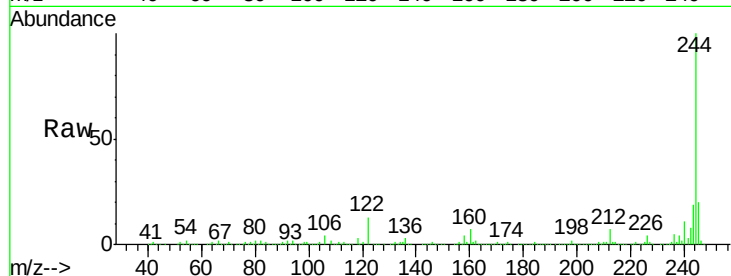




#78
 Terphenyl-d14
 Concen: 66.97 ng
 RT: 12.94 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF090800.D
 Acq: 24 Oct 2016 21:03

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALL-SOUTH

Tgt Ion:244 Resp: 995129
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 13.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF090800.D
 Acq: 24 Oct 2016 21:03

Tgt Ion:264 Resp: 317509
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 22.4 17.2 25.8

