

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102416\
 Data File : BF090795.D
 Acq On : 24 Oct 2016 18:47
 Operator : UM/SJ
 Sample : H5366-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-002-ABCD

Quant Time: Oct 25 00:58:14 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

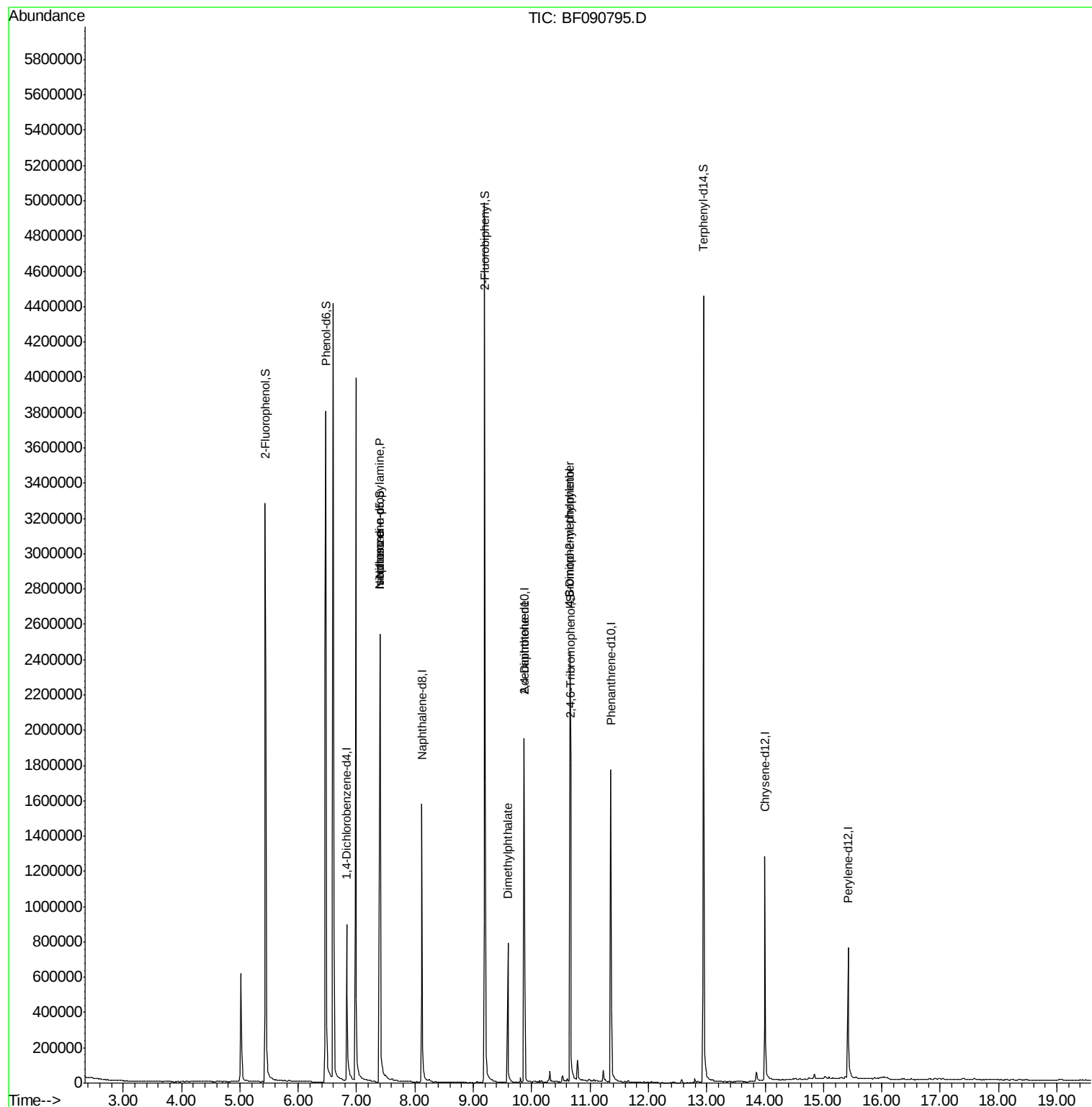
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	198517	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	885706	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	441782	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	717068	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	490420	20.00	ng	-0.02
86) Perylene-d12	15.42	264	354852	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1381334	112.22	ng	-0.02
7) Phenol-d6	6.47	99	1929988	115.76	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1179036	73.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	488672	139.75	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1927409	67.73	ng	-0.03
78) Terphenyl-d14	12.94	244	1799488	84.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	152703	12.30	ng	# 50
25) Isophorone	7.40	82	866254	28.34	ng	# 58
49) Dimethylphthalate	9.59	163	420575	15.15	ng	# 96
56) 2,4-Dinitrotoluene	9.87	165	56555	7.75	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.66	198	812	4.34	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	29262	4.21	ng	# 1

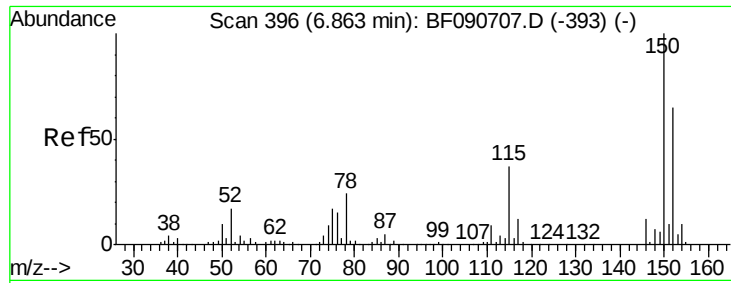
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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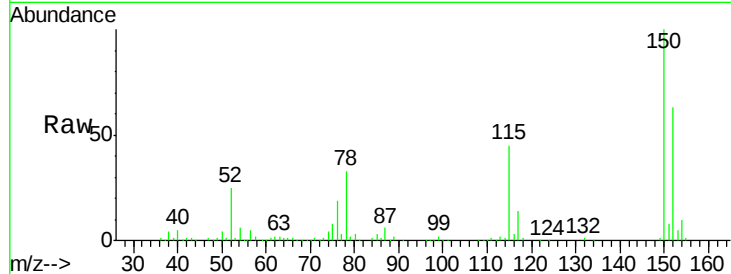


#1

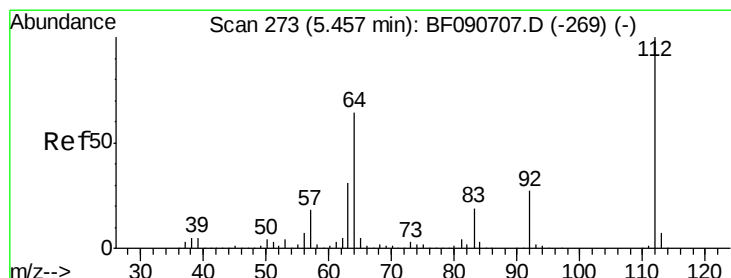
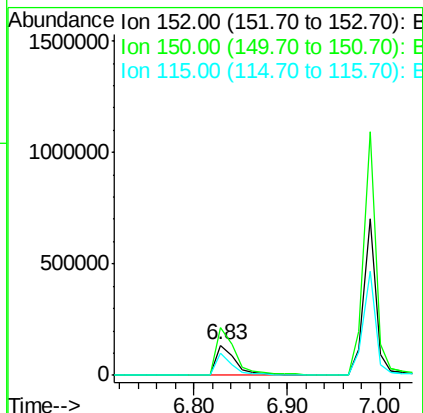
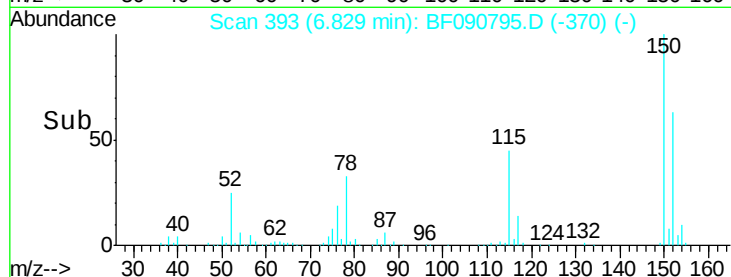
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 393
 Delta R.T. -0.03 min
 Lab File: BF090795.D
 Acq: 24 Oct 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-002-ABCD

Tgt Ion:152 Resp: 198517
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.7 187.1
 115 72.3 39.0 58.4#



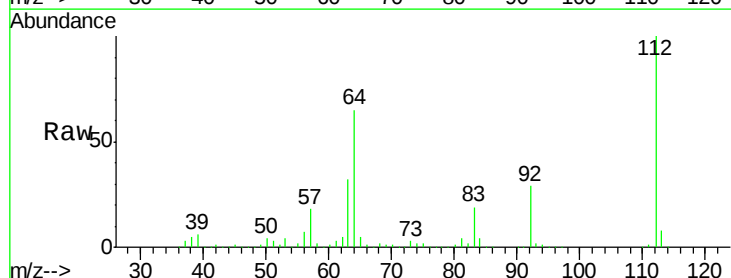
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



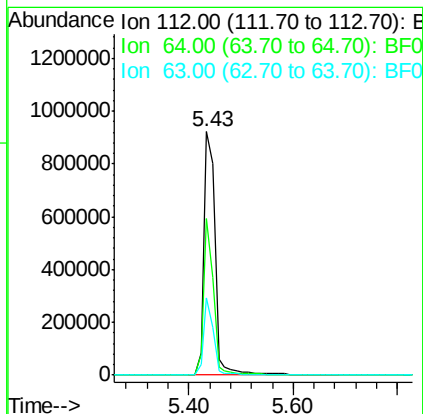
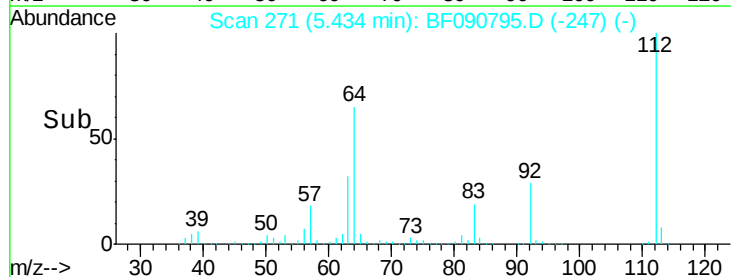
#5

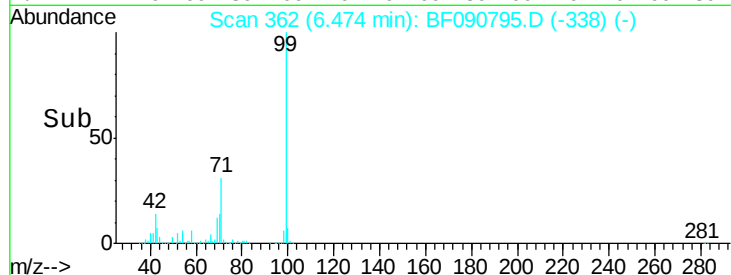
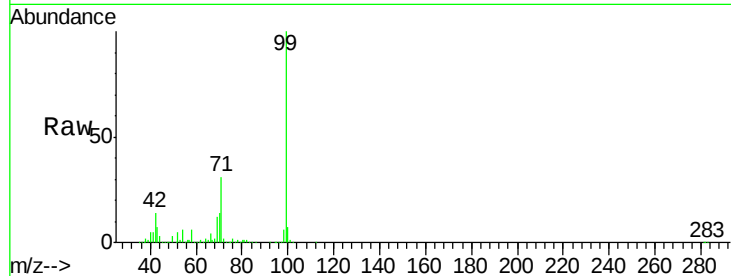
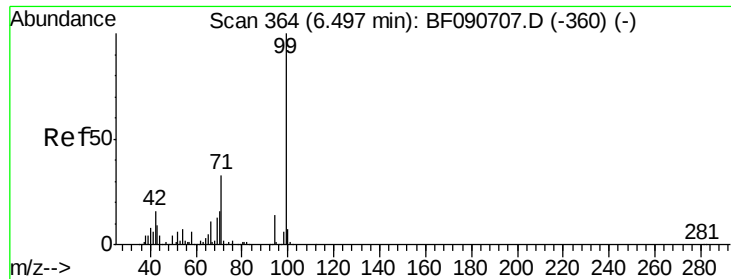
2-Fluorophenol
 Concen: 112.22 ng
 RT: 5.43 min Scan# 271
 Delta R.T. -0.02 min
 Lab File: BF090795.D
 Acq: 24 Oct 2016 18:47

Tgt Ion:112 Resp: 1381334
 Ion Ratio Lower Upper
 112 100
 64 64.5 39.7 59.5#
 63 31.9 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: 115.76 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090795.D

Acq: 24 Oct 2016 18:47

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-002-ABCD

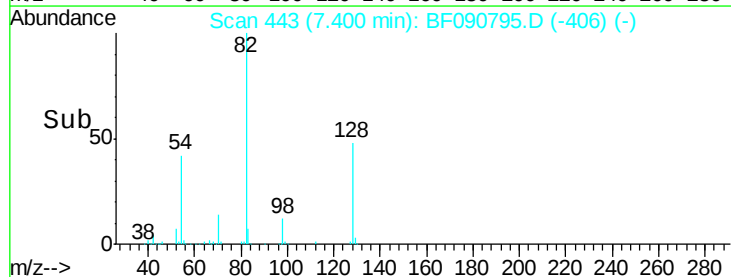
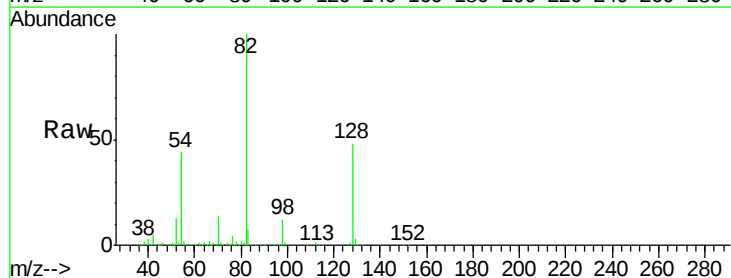
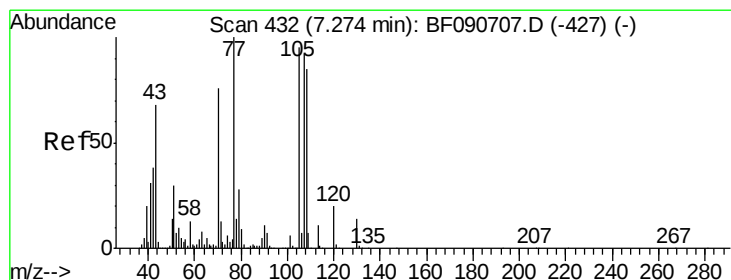
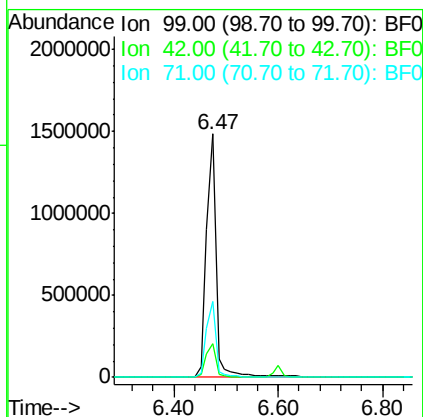
Tgt Ion: 99 Resp: 1929988

Ion Ratio Lower Upper

99 100

42 13.9 13.7 20.5

71 31.1 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.30 ng

RT: 7.40 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF090795.D

Acq: 24 Oct 2016 18:47

Tgt Ion: 70 Resp: 152703

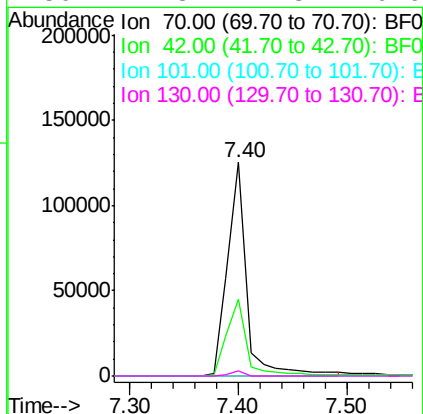
Ion Ratio Lower Upper

70 100

42 35.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

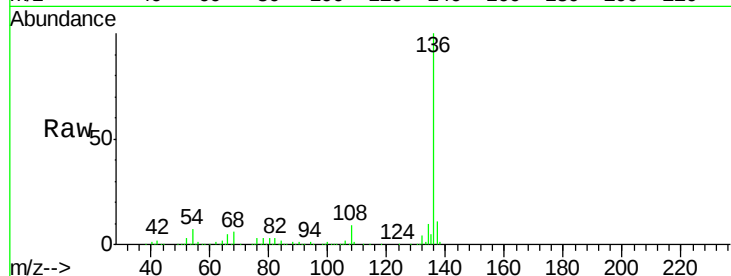




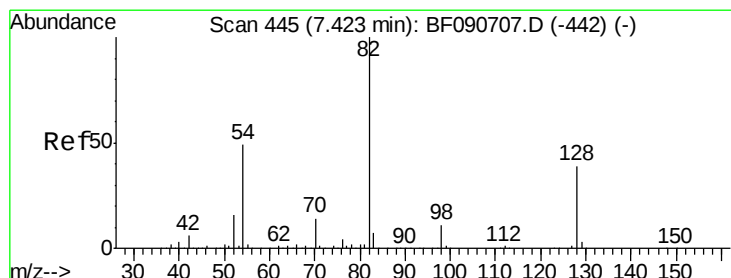
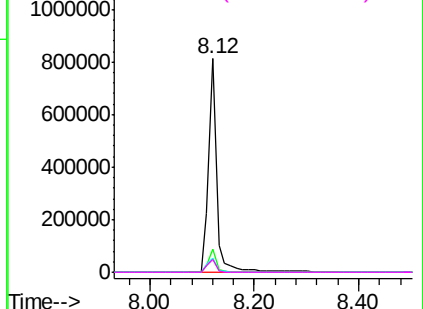
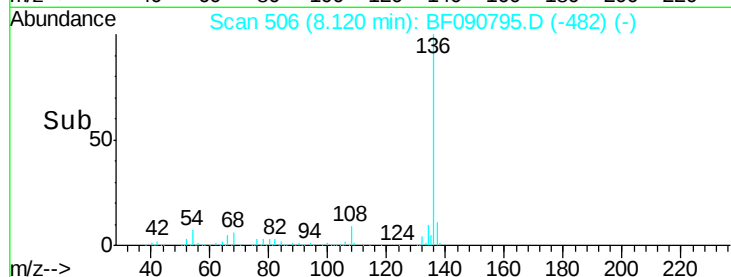
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion:	136	Resp:	885706
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.8	8.2	12.2#
68	6.3	5.8	8.6

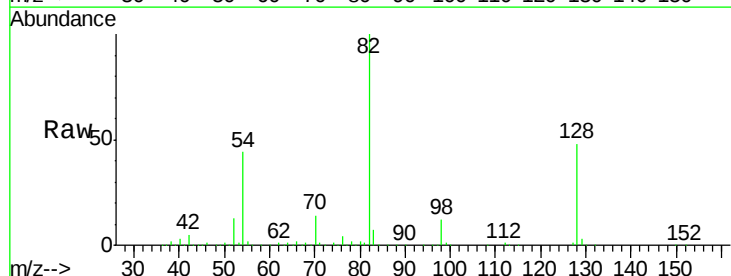


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

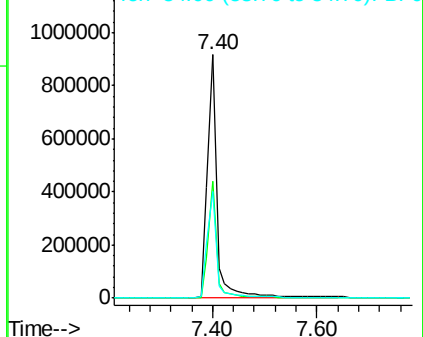
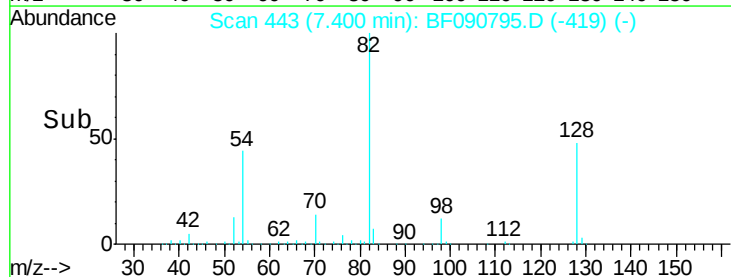


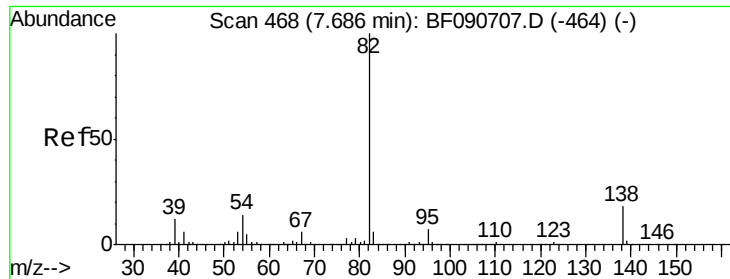
#23
Nitrobenzene-d5
Concen: 73.01 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion:	82	Resp:	1179036
Ion	Ratio	Lower	Upper
82	100		
128	47.8	51.0	76.6#
54	43.7	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: 28.34 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.29 min

Lab File: BF090795.D

Acq: 24 Oct 2016 18:47

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-002-ABCD

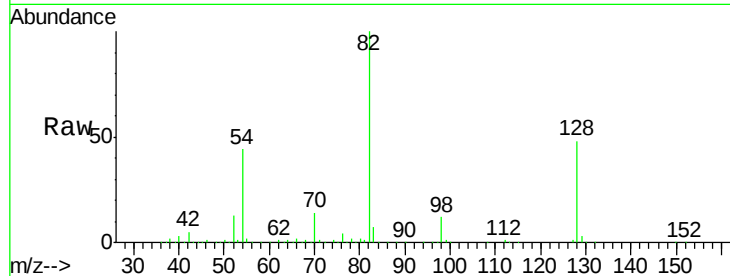
Tgt Ion: 82 Resp: 866254

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

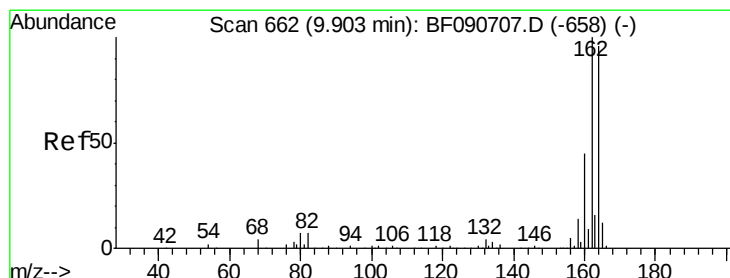
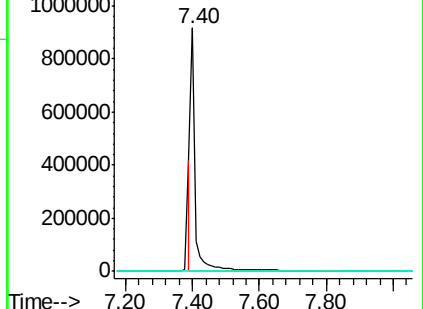
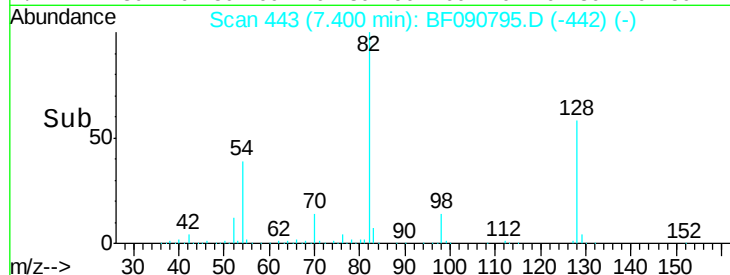
138 0.0 18.3 27.5#



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: BF090795.D

Acq: 24 Oct 2016 18:47

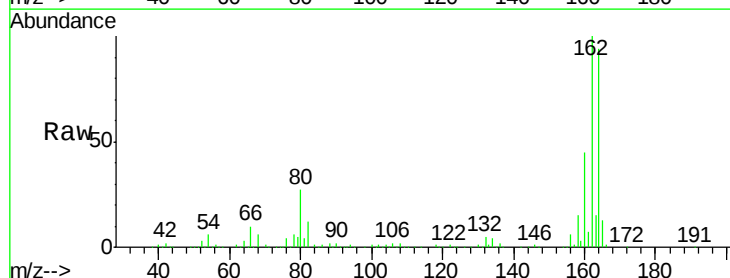
Tgt Ion: 164 Resp: 441782

Ion Ratio Lower Upper

164 100

162 106.3 75.2 112.8

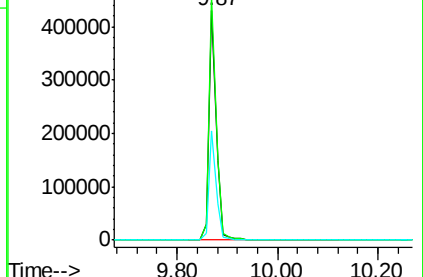
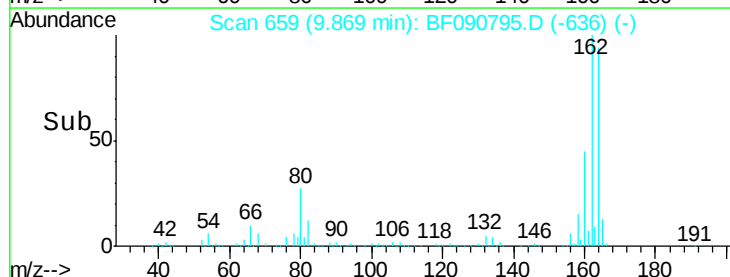
160 47.8 31.5 47.3#

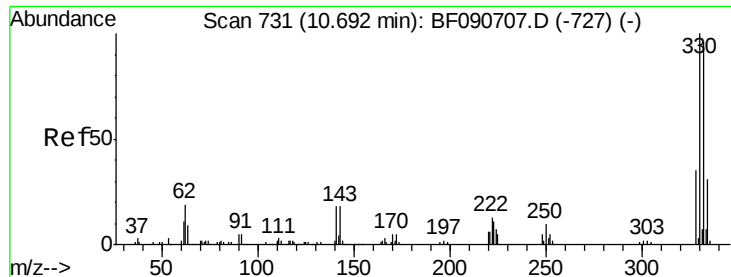


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

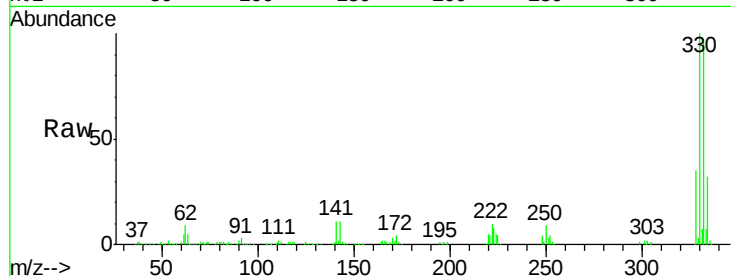




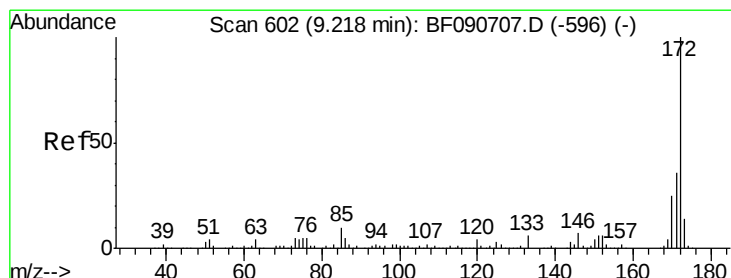
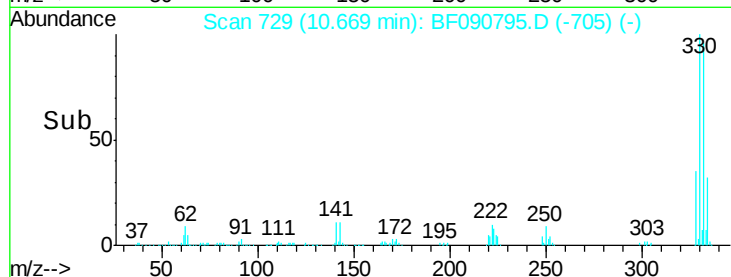
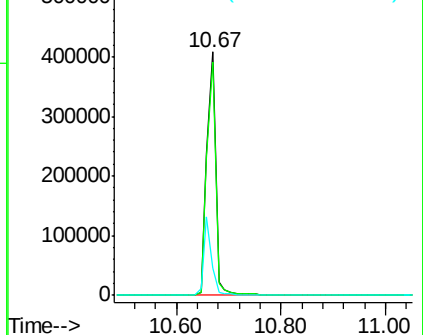
#41
 2,4,6-Tribromophenol
 Concen: 139.75 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090795.D
 Acq: 24 Oct 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-002-ABCD

Tgt Ion:330 Resp: 488672
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 28.8 29.7 44.5#

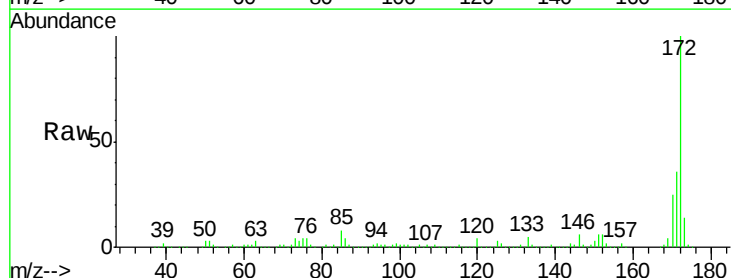


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

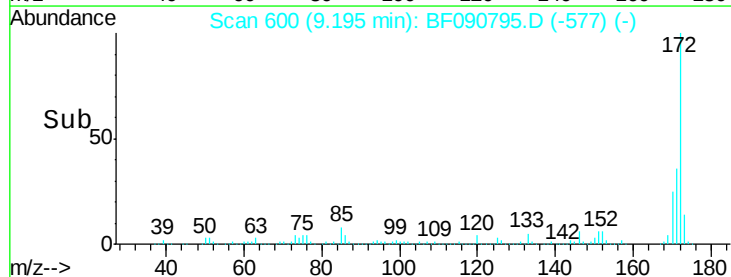
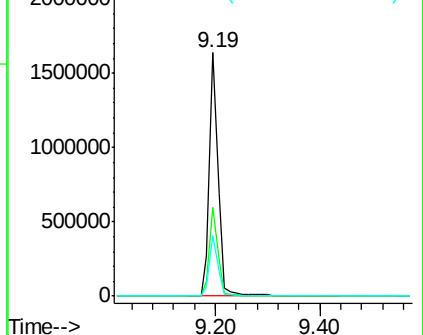


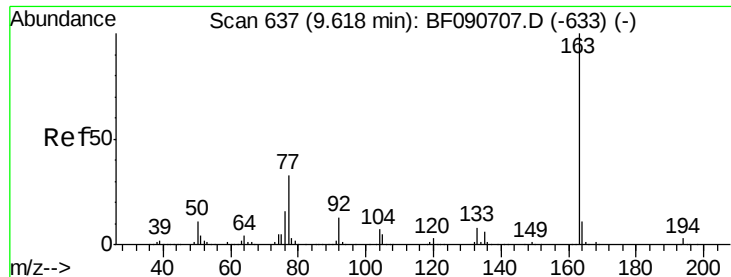
#44
 2-Fluorobiphenyl
 Concen: 67.73 ng
 RT: 9.19 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF090795.D
 Acq: 24 Oct 2016 18:47

Tgt Ion:172 Resp: 1927409
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 25.1 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: 15.15 ng

RT: 9.59 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF090795.D

Acq: 24 Oct 2016 18:47

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-002-ABCD

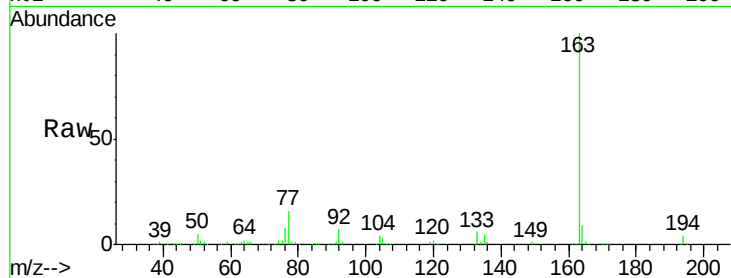
Tgt Ion:163 Resp: 420575

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

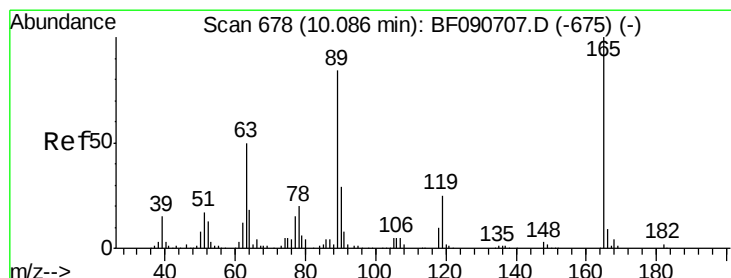
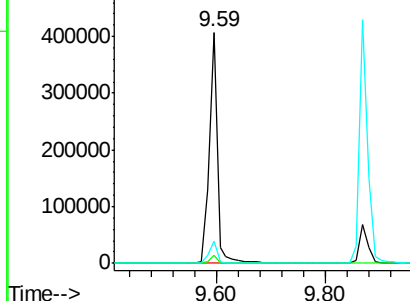
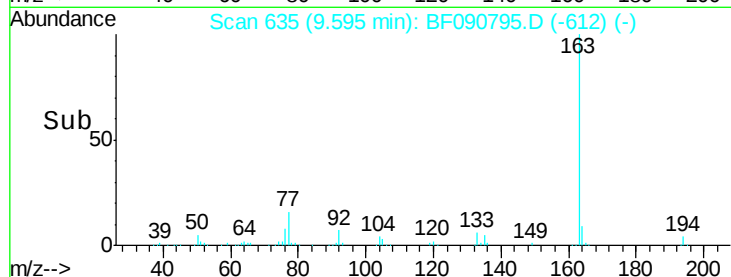
164 9.4 8.3 12.5



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: 7.75 ng

RT: 9.87 min Scan# 659

Delta R.T. -0.22 min

Lab File: BF090795.D

Acq: 24 Oct 2016 18:47

Tgt Ion:165 Resp: 56555

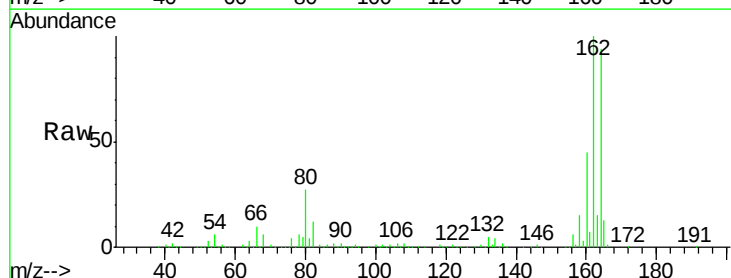
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.6#

89 1.2 44.5 66.7#

182 0.0 3.0 4.4#

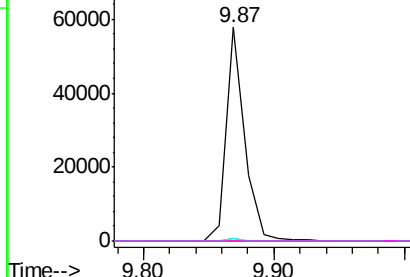
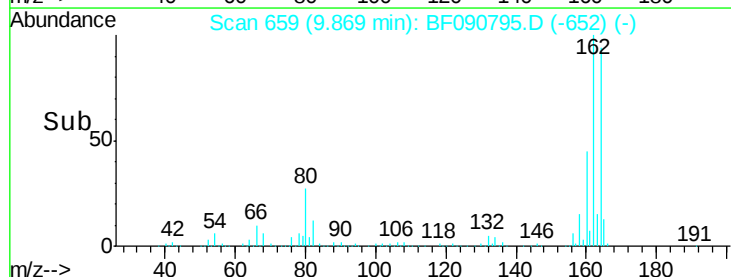


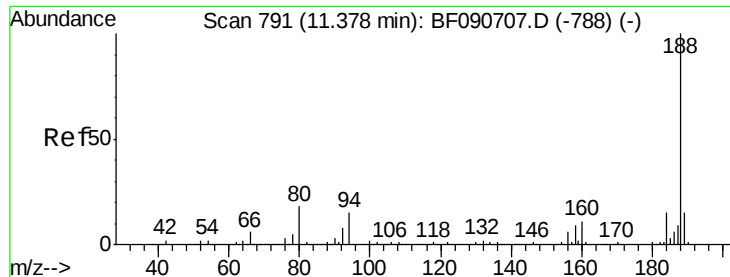
Abundance Ion 165.00 (164.70 to 165.70): E

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

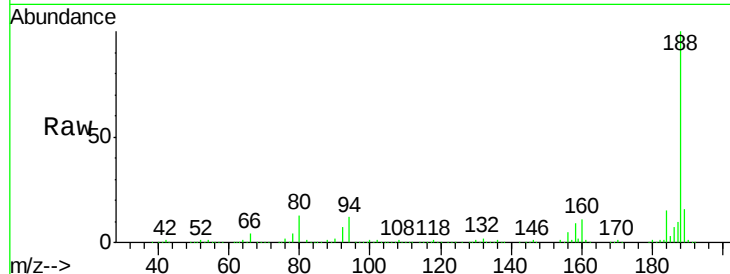




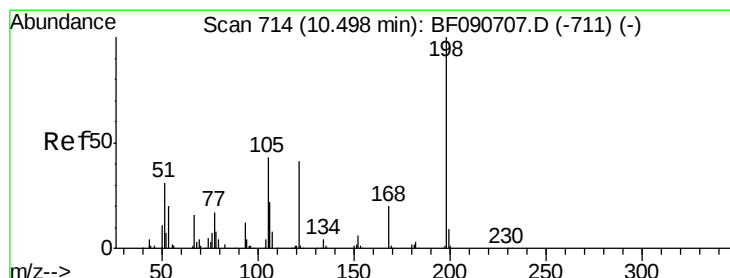
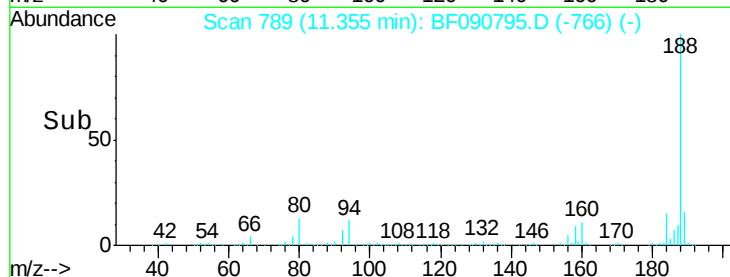
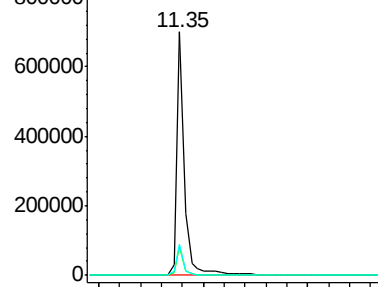
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion:188 Resp: 717068
Ion Ratio Lower Upper
188 100
94 11.9 11.1 16.7
80 12.8 11.0 16.4

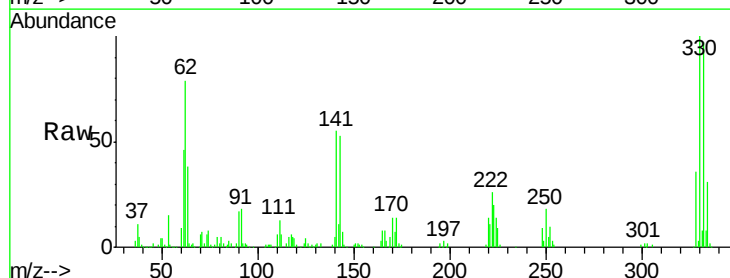


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

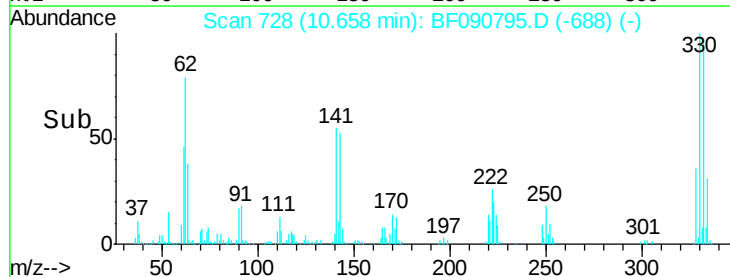
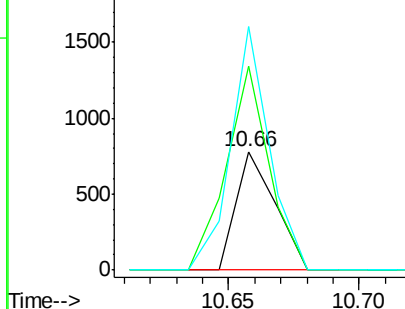


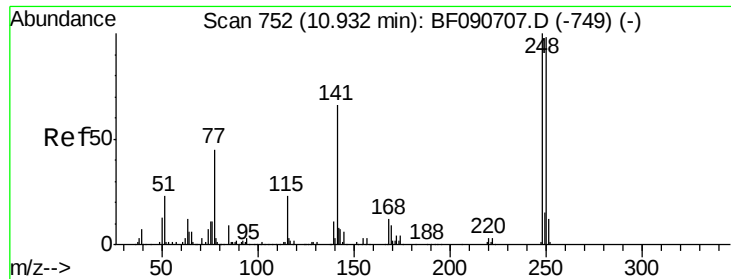
#64
4,6-Dinitro-2-methylphenol
Concen: 4.34 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.16 min
Lab File: BF090795.D
Acq: 24 Oct 2016 18:47

Tgt Ion:198 Resp: 812
Ion Ratio Lower Upper
198 100
51 171.9 39.6 79.6#
105 205.8 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

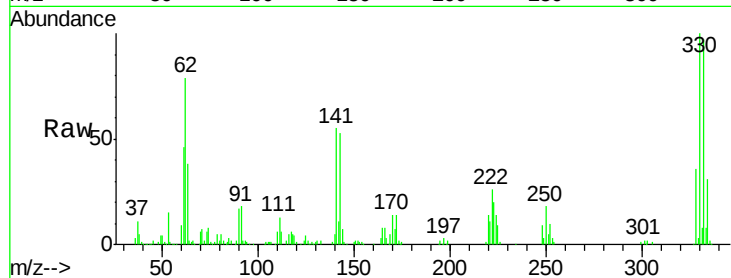




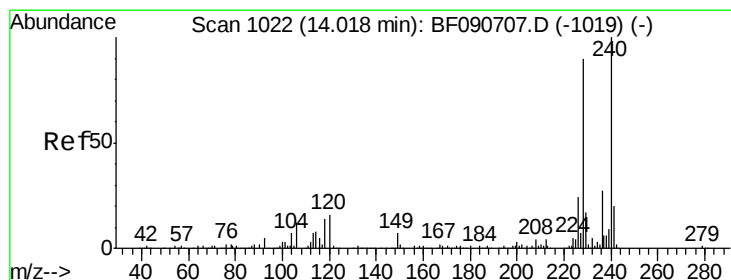
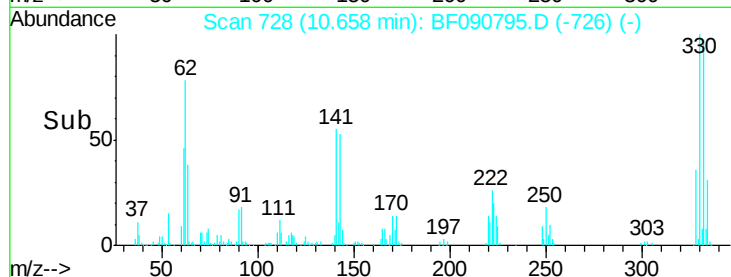
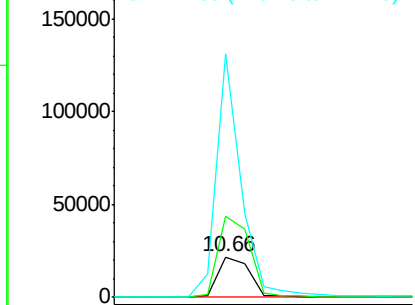
#66
 4-Bromophenyl-phenylether
 Concen: 4.21 ng
 RT: 10.66 min Scan# 728
 Delta R.T. -0.27 min
 Lab File: BF090795.D
 Acq: 24 Oct 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-002-ABCD

Tgt Ion:248 Resp: 29262
 Ion Ratio Lower Upper
 248 100
 250 201.9 78.5 117.7#
 141 604.9 59.0 88.6#

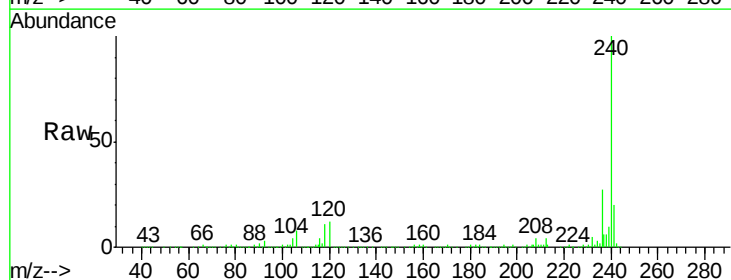


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

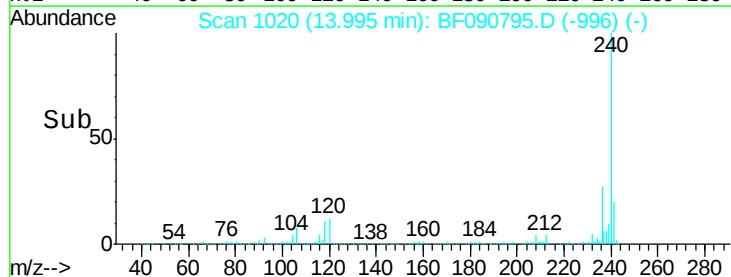
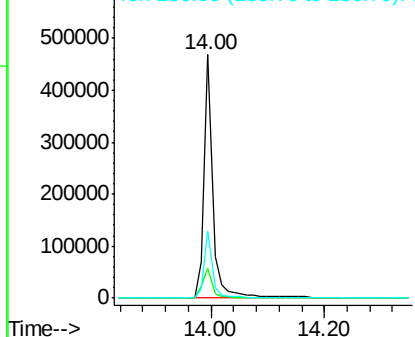


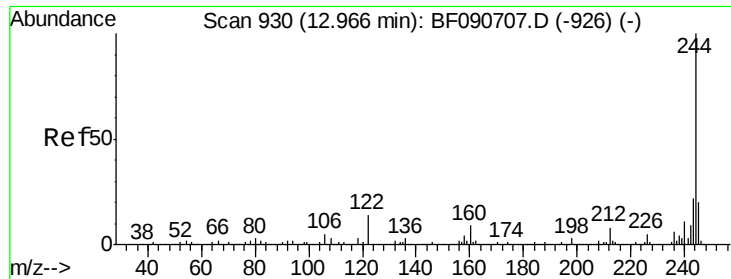
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF090795.D
 Acq: 24 Oct 2016 18:47

Tgt Ion:240 Resp: 490420
 Ion Ratio Lower Upper
 240 100
 120 12.0 16.2 24.2#
 236 27.3 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

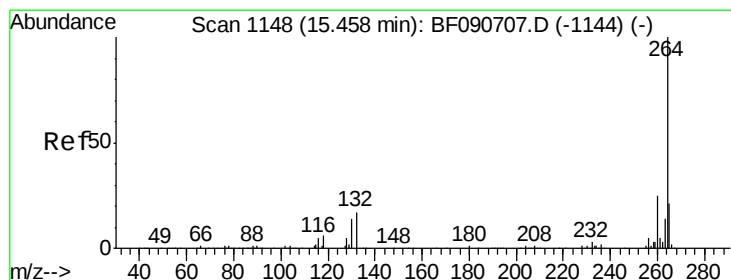
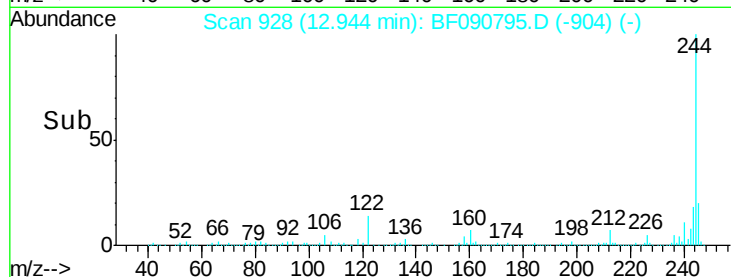
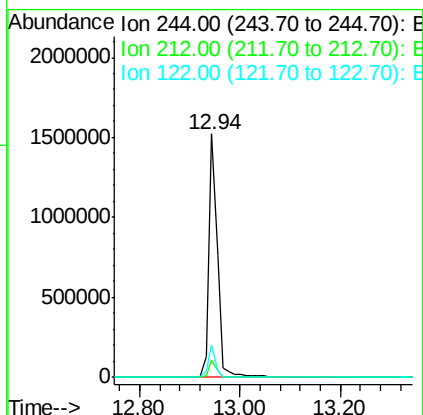
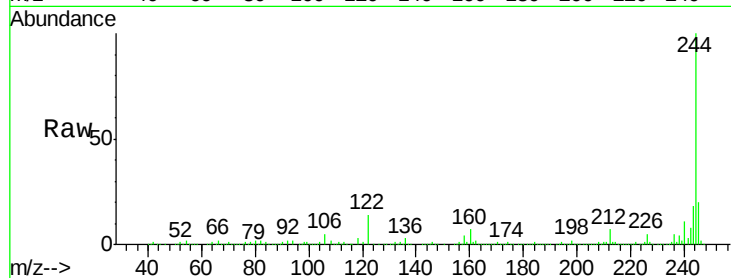




#78
 Terphenyl-d14
 Concen: 84.10 ng
 RT: 12.94 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF090795.D
 Acq: 24 Oct 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-002-ABCD

Tgt Ion:244 Resp: 1799488
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.3 6.5#
 122 13.6 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: BF090795.D
 Acq: 24 Oct 2016 18:47

Tgt Ion:264 Resp: 354852
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.5 17.2 25.8

