

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102416\
 Data File : BF090799.D
 Acq On : 24 Oct 2016 20:36
 Operator : UM/SJ
 Sample : H5393-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 END-EAST-UL

Quant Time: Oct 25 00:59:07 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

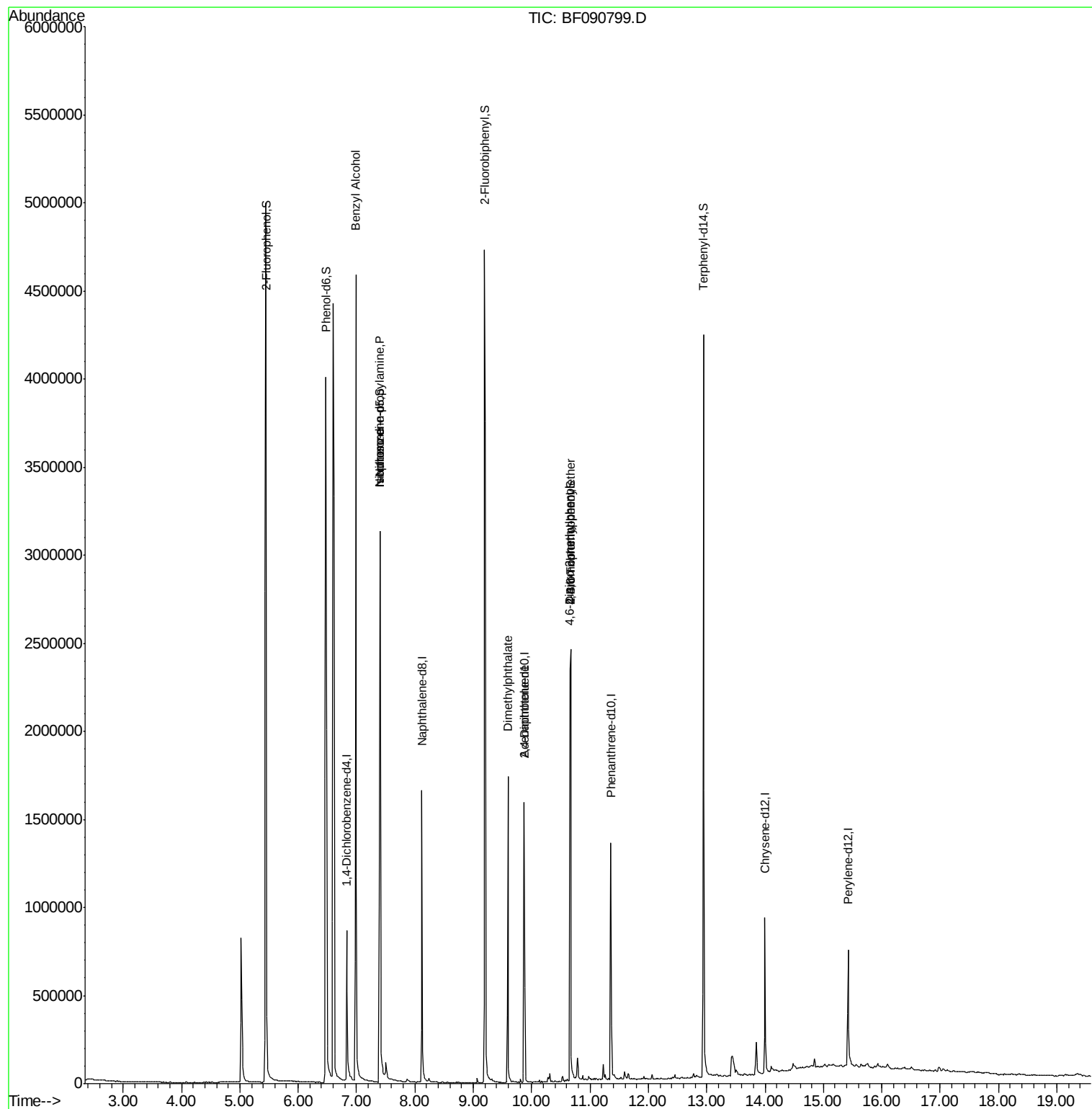
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	181503	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	794657	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	350717	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	511561	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	342604	20.00	ng	-0.02
86) Perylene-d12	15.42	264	305167	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1767112	157.02	ng	-0.01
7) Phenol-d6	6.47	99	2260388	148.28	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1362448	94.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	521557	187.89	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	2240992	99.19	ng	-0.03
78) Terphenyl-d14	12.94	244	1558642	104.27	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.99	79	23131	2.23	ng	# 33
19) n-Nitroso-di-n-propylamine	7.40	70	177843	15.67	ng	# 53
25) Isophorone	7.40	82	1086365	39.61	ng	# 58
49) Dimethylphthalate	9.59	163	714187	32.41	ng	# 97
56) 2,4-Dinitrotoluene	9.87	165	45679	7.89	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.66	198	833	4.41	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	33555	6.77	ng	# 1

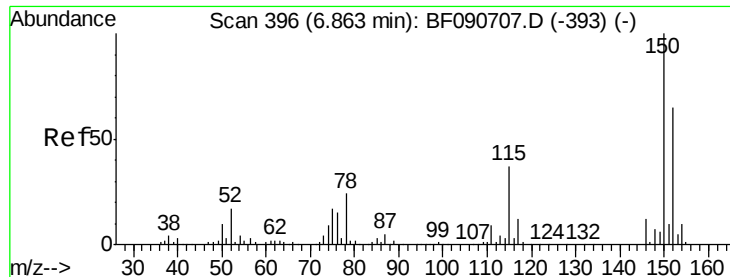
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090799.D

Acq: 24 Oct 2016 20:36

Instrument :

BNA_F

ClientSampleId :

END-EAST-UL

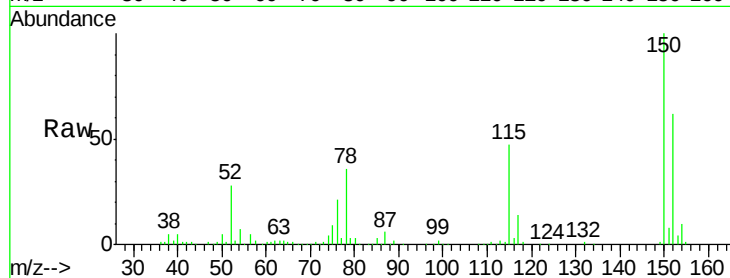
Tgt Ion:152 Resp: 181503

Ion Ratio Lower Upper

152 100

150 160.4 124.7 187.1

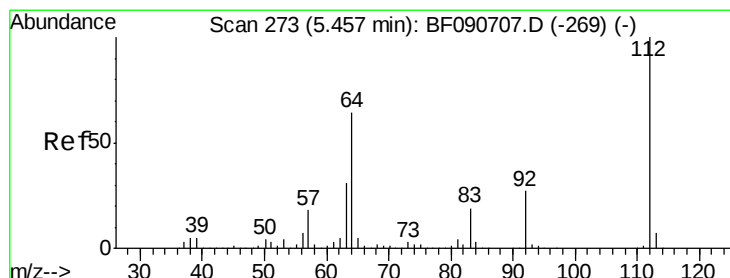
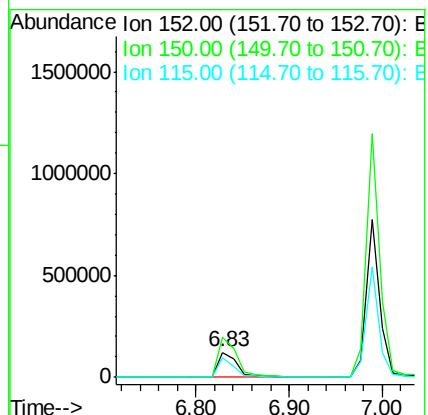
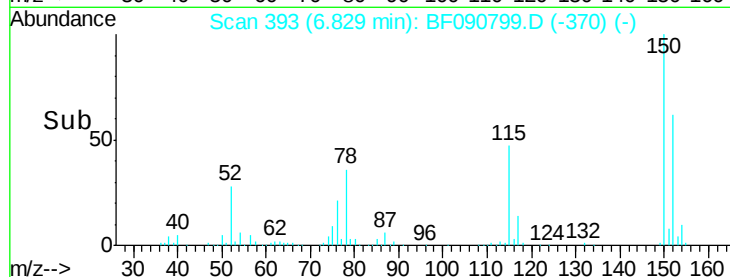
115 75.5 39.0 58.4#



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: 157.02 ng

RT: 5.45 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF090799.D

Acq: 24 Oct 2016 20:36

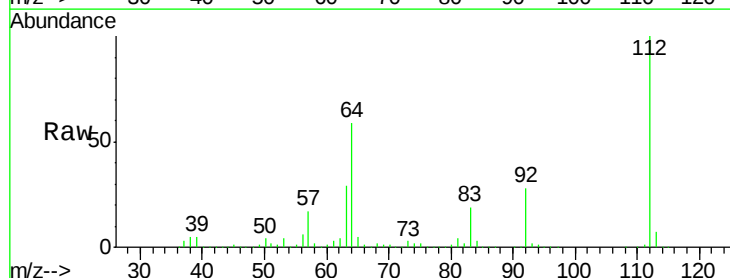
Tgt Ion:112 Resp: 1767112

Ion Ratio Lower Upper

112 100

64 59.4 39.7 59.5

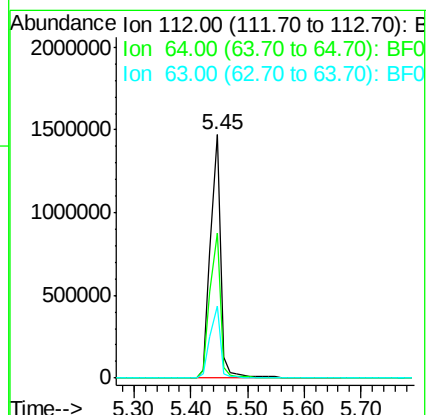
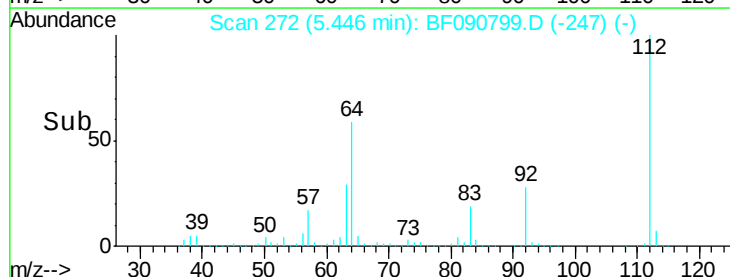
63 29.4 17.4 26.0#

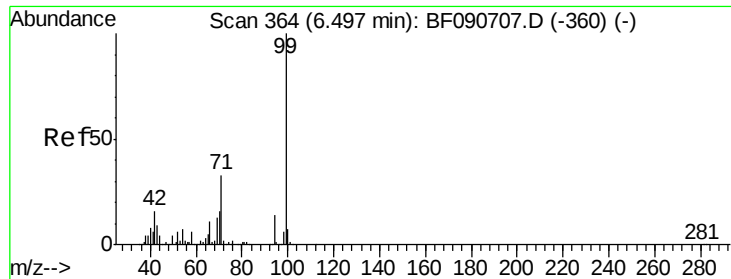


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 148.28 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090799.D

Acq: 24 Oct 2016 20:36

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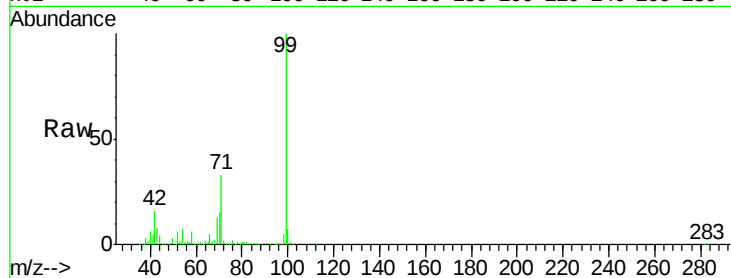
Tgt Ion: 99 Resp: 2260388

Ion Ratio Lower Upper

99 100

42 15.9 13.7 20.5

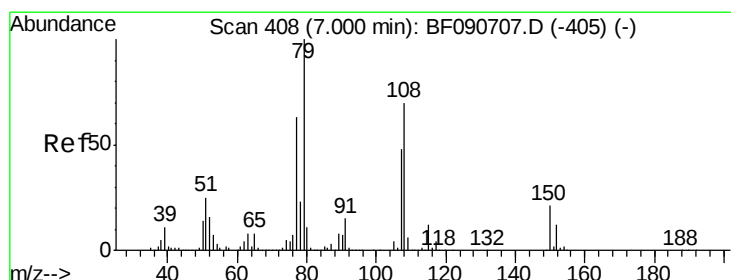
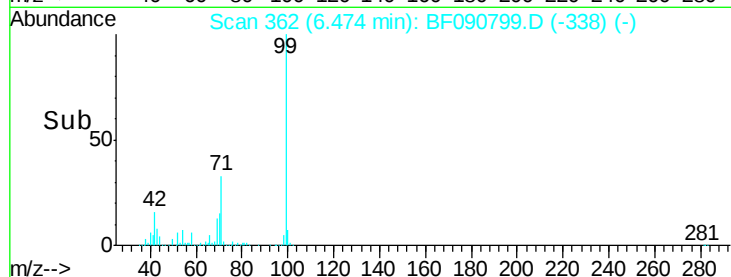
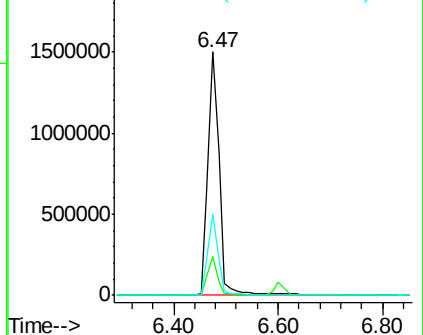
71 33.1 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090799.D

Acq: 24 Oct 2016 20:36

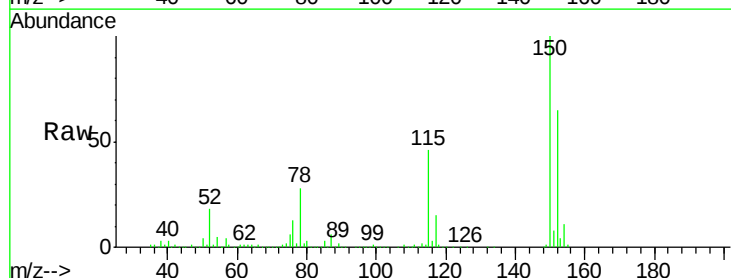
Tgt Ion: 79 Resp: 23131

Ion Ratio Lower Upper

79 100

108 27.3 88.6 132.8#

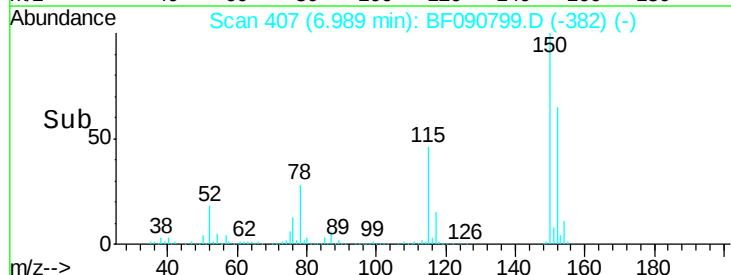
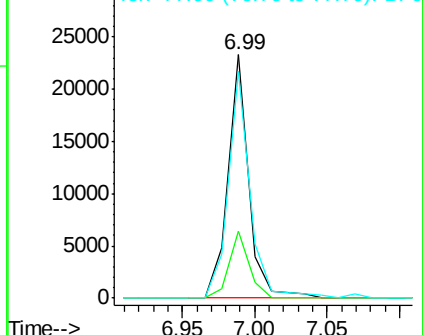
77 93.5 47.0 70.4#

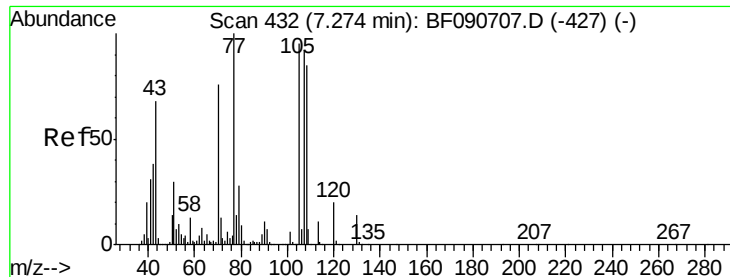


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

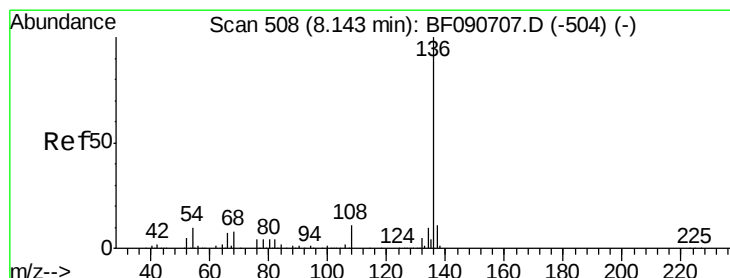
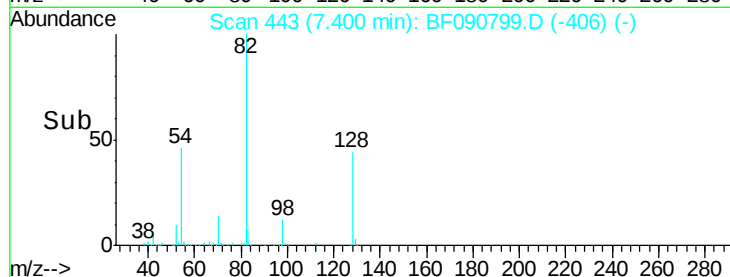
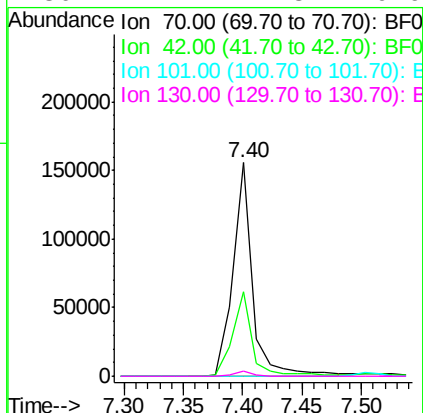
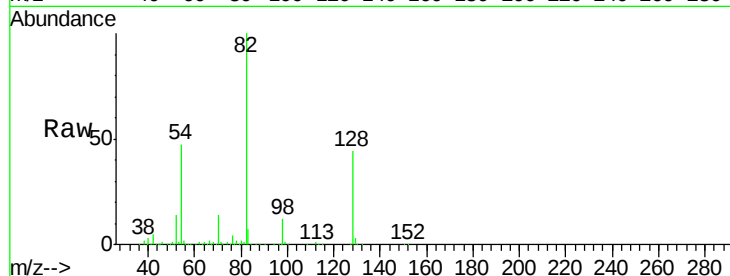




#19
n-Nitroso-di-n-propylamine
Concen: 15.67 ng
RT: 7.40 min Scan# 443
Delta R.T. 0.13 min
Lab File: BF090799.D
Acq: 24 Oct 2016 20:36

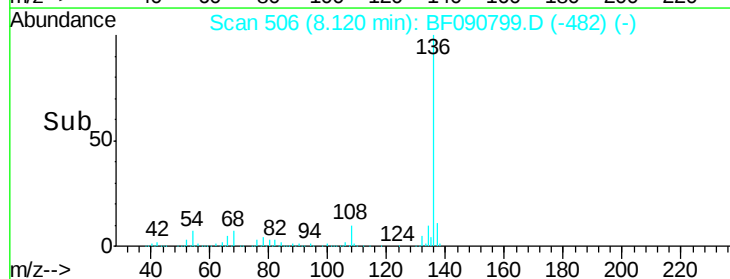
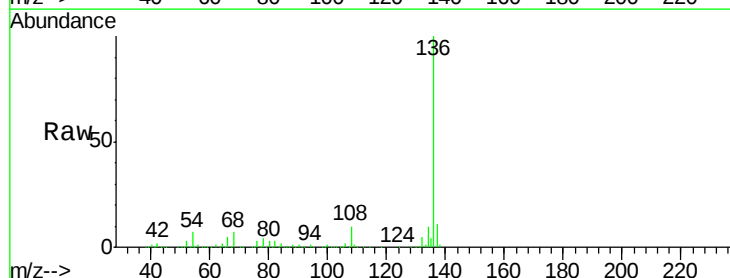
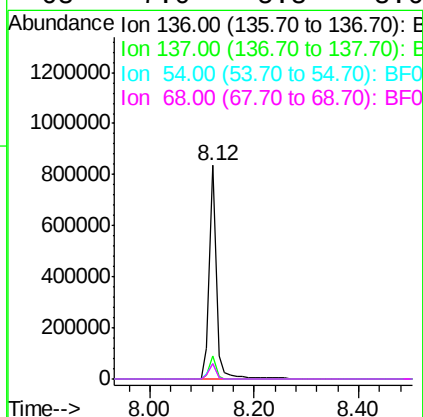
Instrument :
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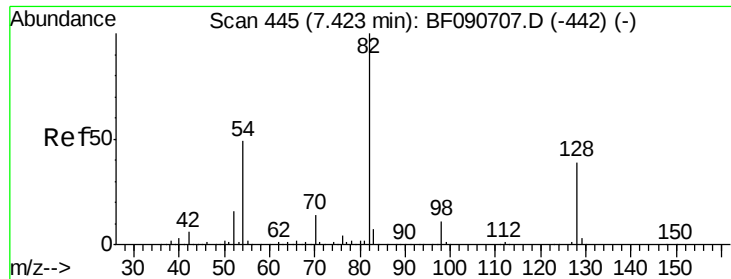
Tgt Ion: 70 Resp: 177843
Ion Ratio Lower Upper
70 100
42 39.3 63.8 95.6#
101 0.0 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF090799.D
Acq: 24 Oct 2016 20:36

Tgt Ion: 136 Resp: 794657
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.5 8.2 12.2#
68 7.0 5.8 8.6

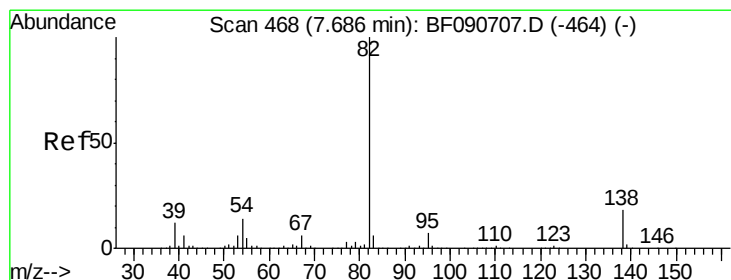
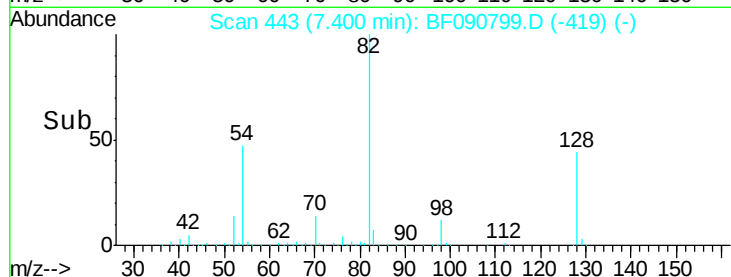
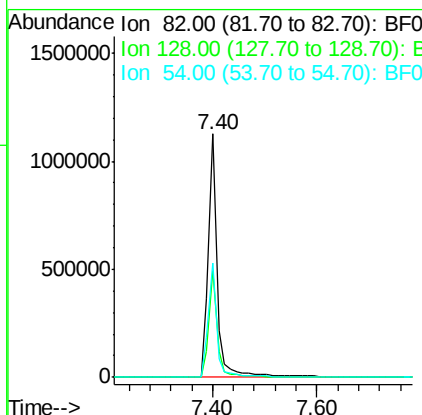
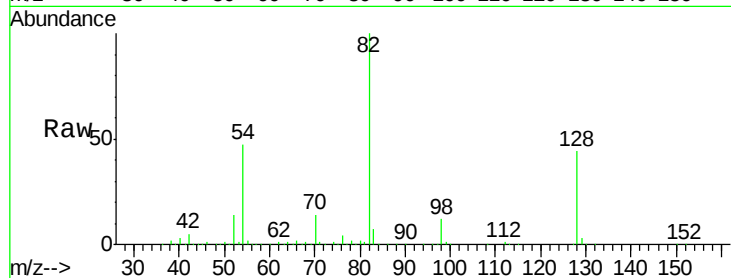




#23
 Nitrobenzene-d5
 Concen: 94.04 ng
 RT: 7.40 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BF090799.D
 Acq: 24 Oct 2016 20:36

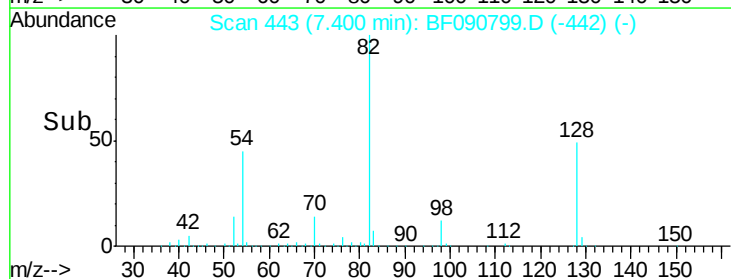
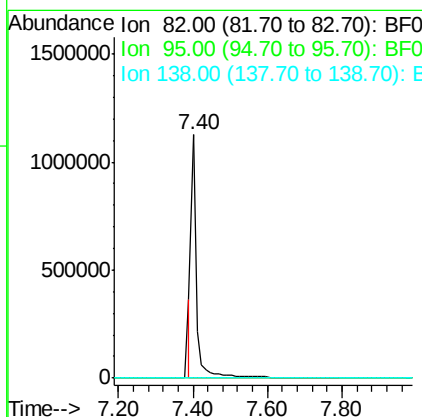
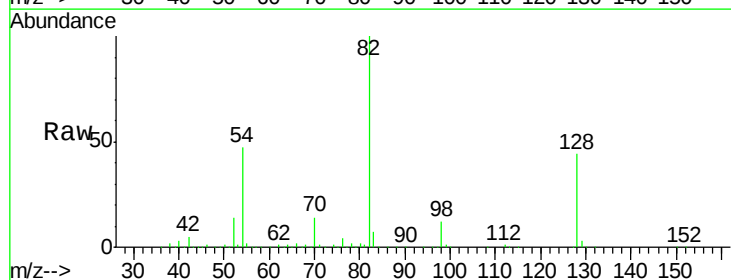
Instrument :
 BNA_F
 ClientSampleId :
 END-EAST-UL

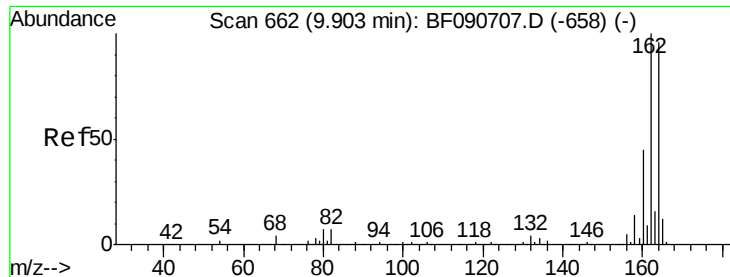
Tgt Ion: 82 Resp: 1362448
 Ion Ratio Lower Upper
 82 100
 128 44.0 51.0 76.6#
 54 46.8 47.5 71.3#



#25
 Isophorone
 Concen: 39.61 ng
 RT: 7.40 min Scan# 443
 Delta R.T. -0.29 min
 Lab File: BF090799.D
 Acq: 24 Oct 2016 20:36

Tgt Ion: 82 Resp: 1086365
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

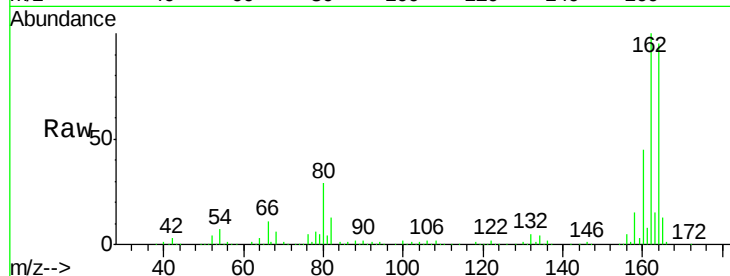




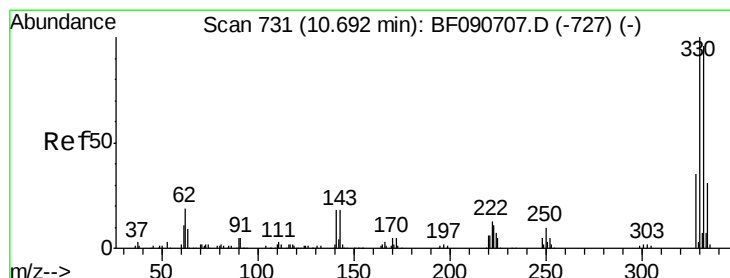
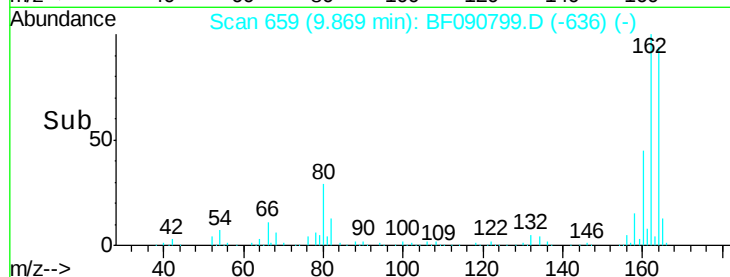
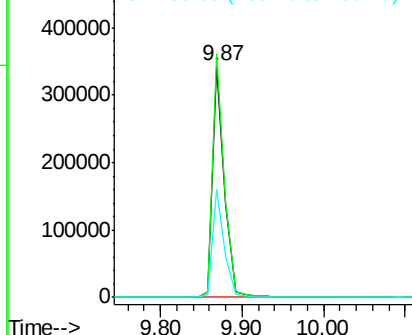
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF090799.D
 Acq: 24 Oct 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 END-EAST-UL

Tgt Ion:164 Resp: 350717
 Ion Ratio Lower Upper
 164 100
 162 105.4 75.2 112.8
 160 46.9 31.5 47.3

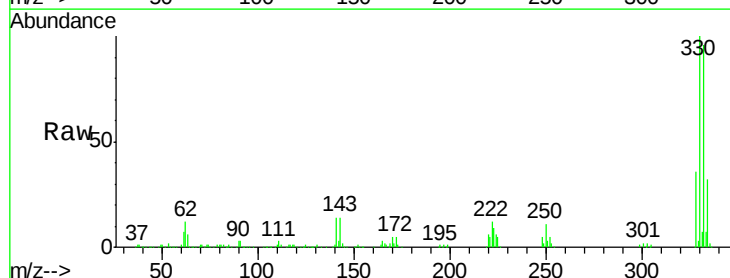


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

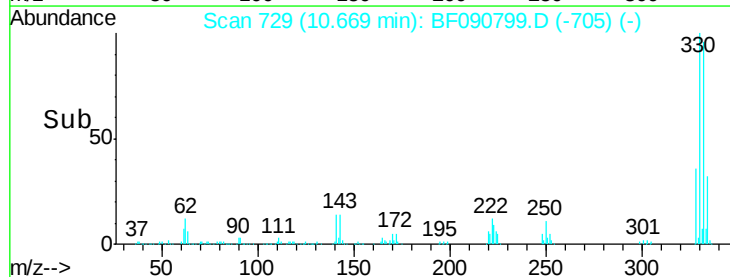
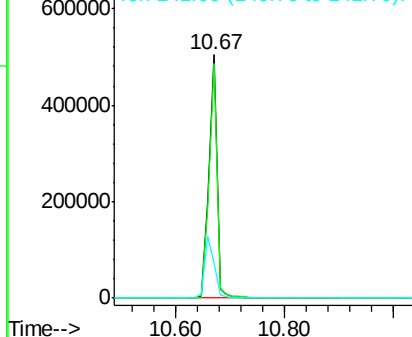


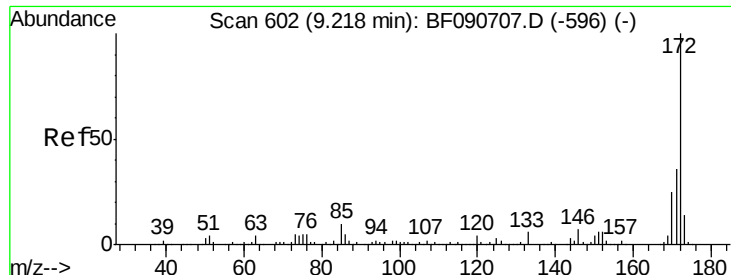
#41
 2,4,6-Tribromophenol
 Concen: 187.89 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090799.D
 Acq: 24 Oct 2016 20:36

Tgt Ion:330 Resp: 521557
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 29.6 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

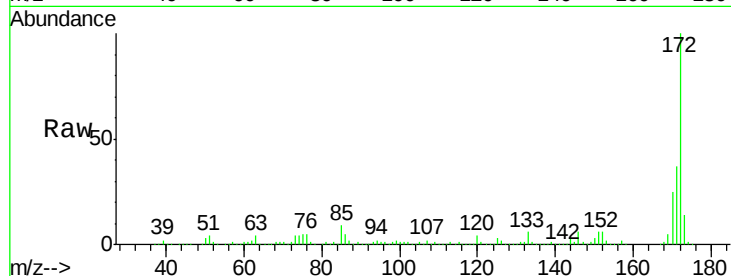




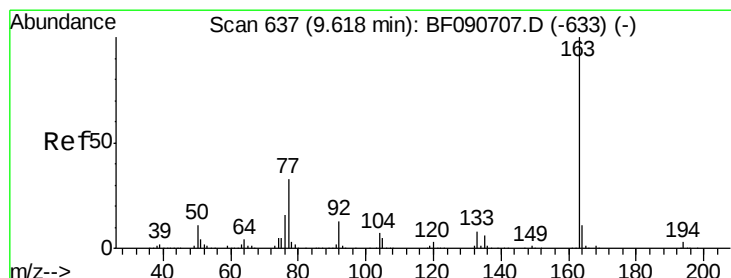
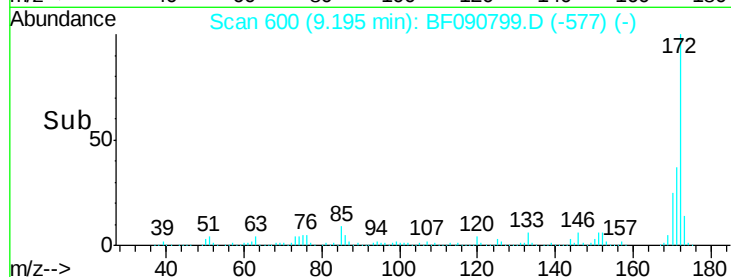
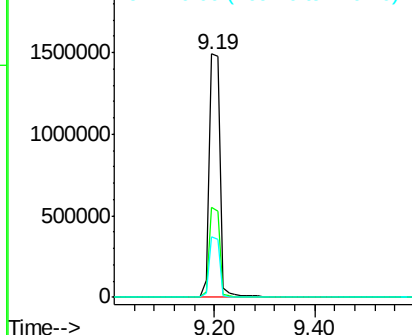
#44
 2-Fluorobiphenyl
 Concen: 99.19 ng
 RT: 9.19 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF090799.D
 Acq: 24 Oct 2016 20:36

Instrument :
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Tgt Ion:172 Resp: 2240992
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 25.1 17.4 26.2

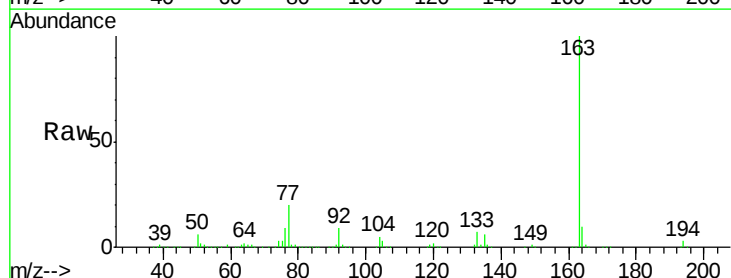


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

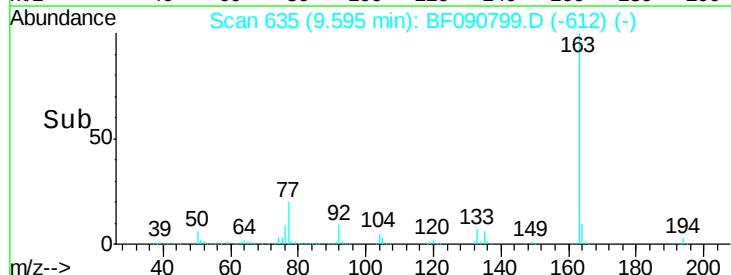
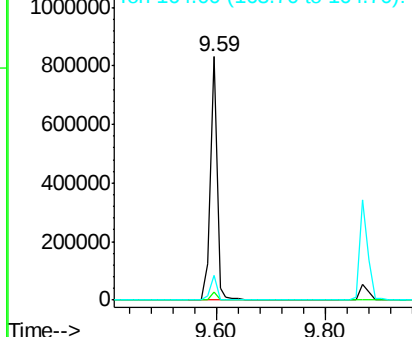


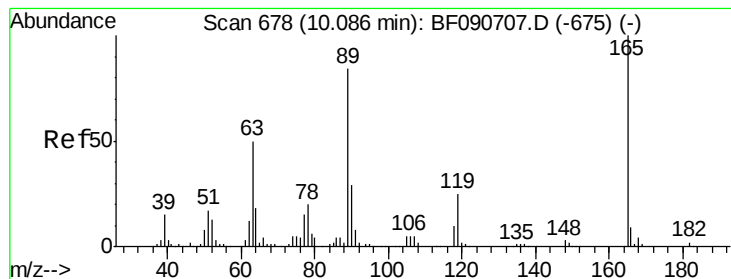
#49
 Dimethylphthalate
 Concen: 32.41 ng
 RT: 9.59 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF090799.D
 Acq: 24 Oct 2016 20:36

Tgt Ion:163 Resp: 714187
 Ion Ratio Lower Upper
 163 100
 194 3.3 4.4 6.6#
 164 10.2 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: 7.89 ng

RT: 9.87 min Scan# 659

Delta R.T. -0.22 min

Lab File: BF090799.D

Acq: 24 Oct 2016 20:36

Instrument :

BNA_F

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Tgt Ion:165 Resp: 45679

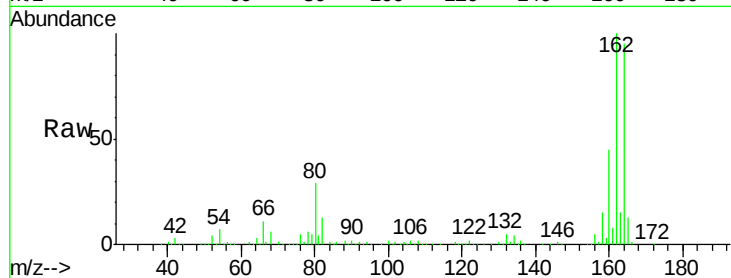
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.6#

89 1.1 44.5 66.7#

182 0.0 3.0 4.4#

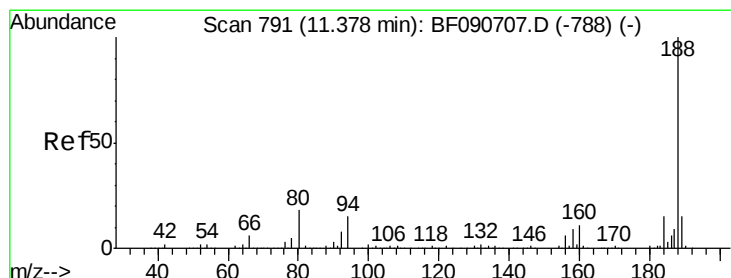
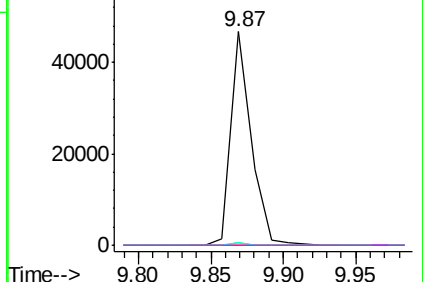
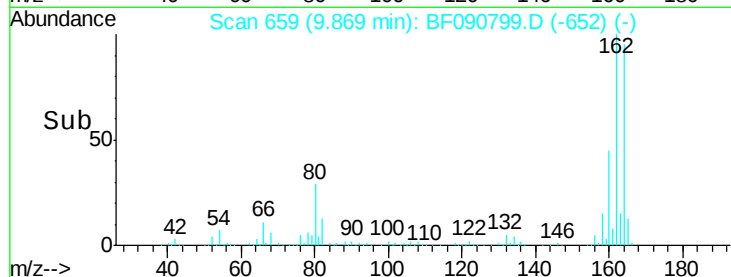


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF090799.D

Acq: 24 Oct 2016 20:36

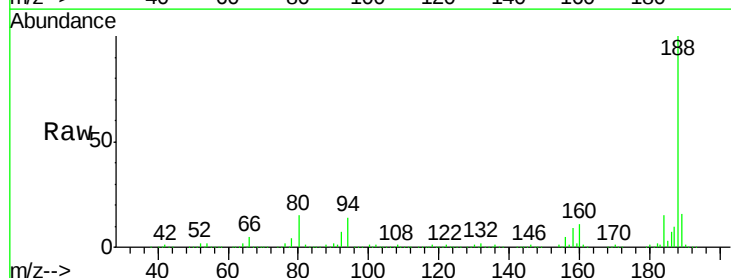
Tgt Ion:188 Resp: 511561

Ion Ratio Lower Upper

188 100

94 13.6 11.1 16.7

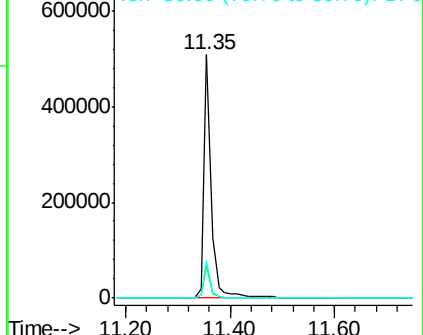
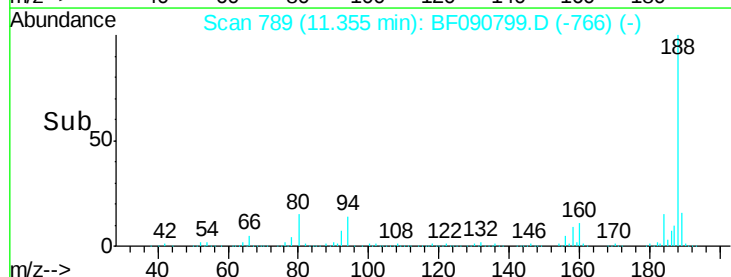
80 15.3 11.0 16.4

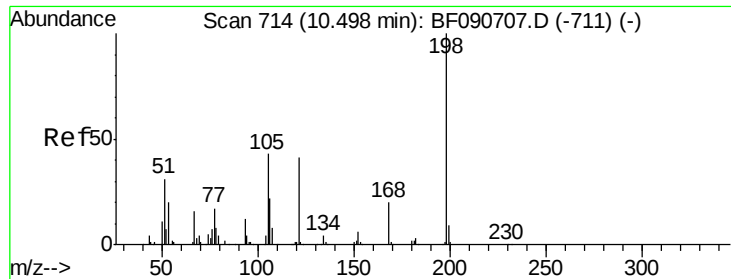


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.41 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.16 min

Lab File: BF090799.D

Acq: 24 Oct 2016 20:36

Instrument :

BNA_F

ClientSampleId :

END-EAST-UL

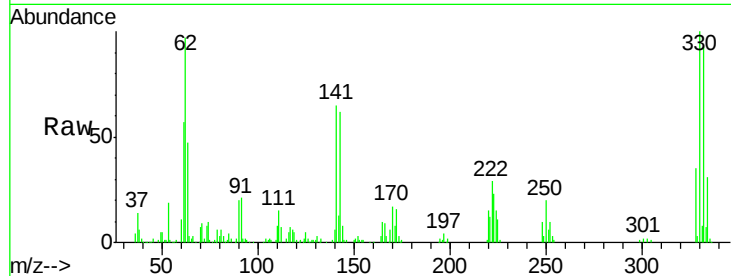
Tgt Ion:198 Resp: 833

Ion Ratio Lower Upper

198 100

51 223.8 39.6 79.6#

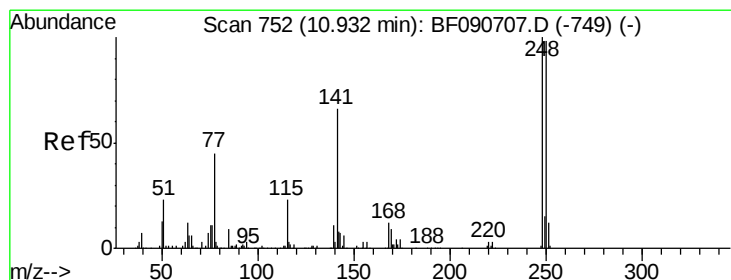
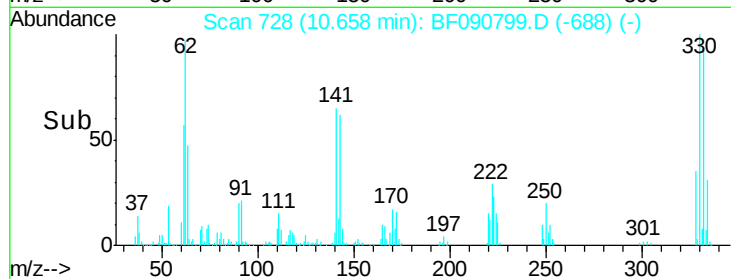
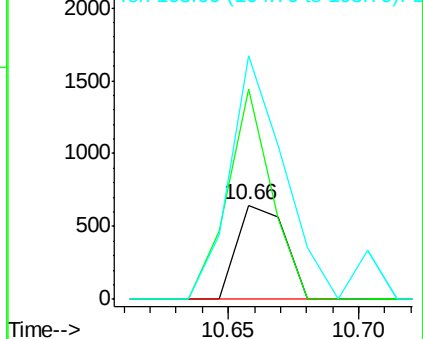
105 258.7 28.5 68.5#



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: 6.77 ng

RT: 10.67 min Scan# 729

Delta R.T. -0.26 min

Lab File: BF090799.D

Acq: 24 Oct 2016 20:36

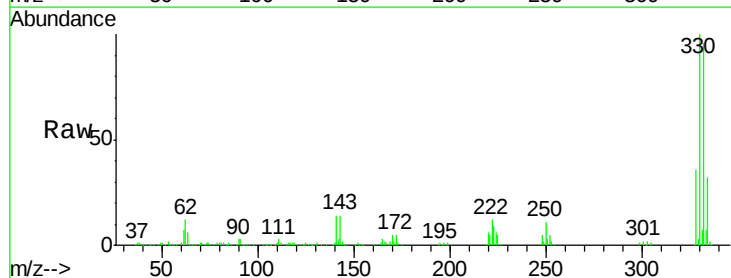
Tgt Ion:248 Resp: 33555

Ion Ratio Lower Upper

248 100

250 203.4 78.5 117.7#

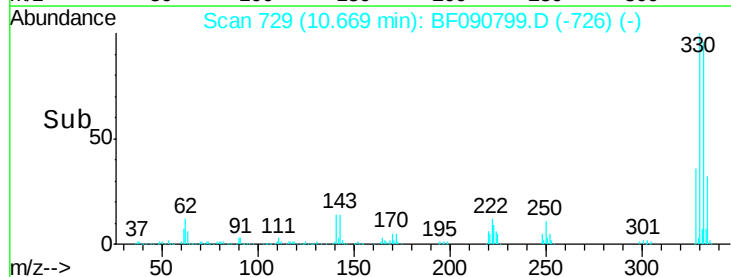
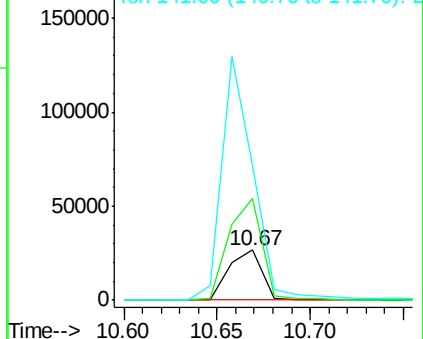
141 269.1 59.0 88.6#

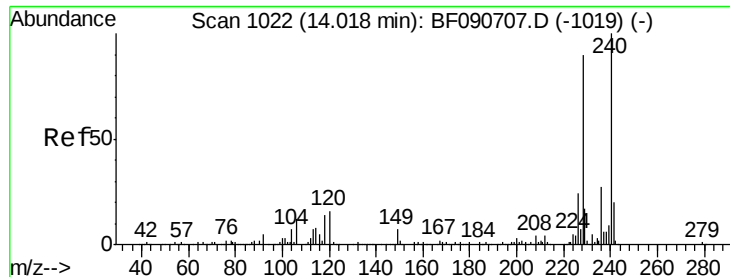


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090799.D

Acq: 24 Oct 2016 20:36

Instrument :

BNA_F

ClientSampleId :

END-EAST-UL

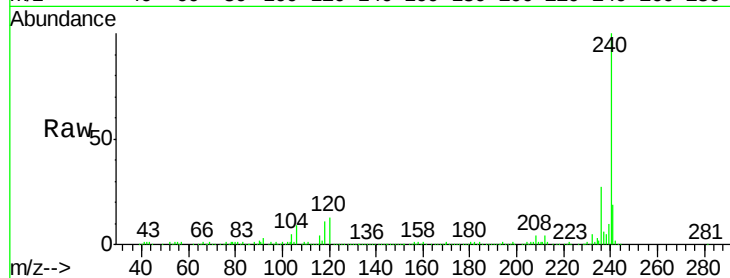
Tgt Ion:240 Resp: 342604

Ion Ratio Lower Upper

240 100

120 13.1 16.2 24.2#

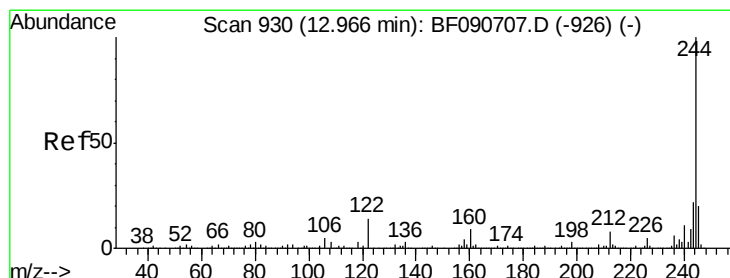
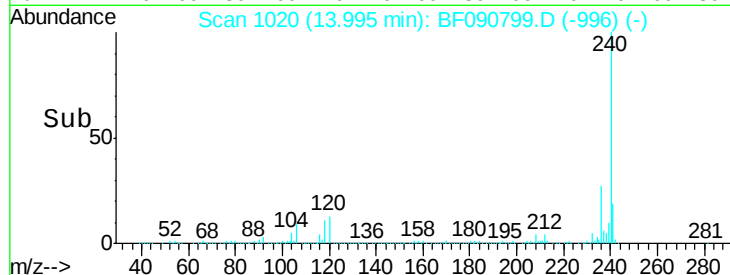
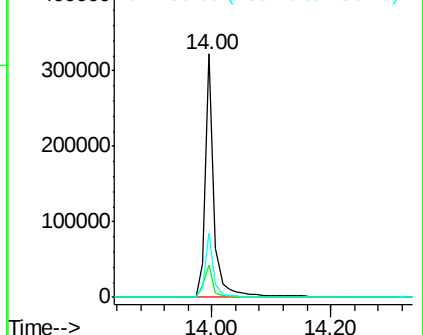
236 26.6 18.4 27.6



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: 104.27 ng

RT: 12.94 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF090799.D

Acq: 24 Oct 2016 20:36

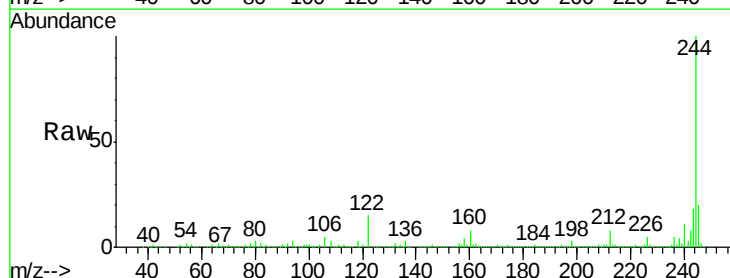
Tgt Ion:244 Resp: 1558642

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

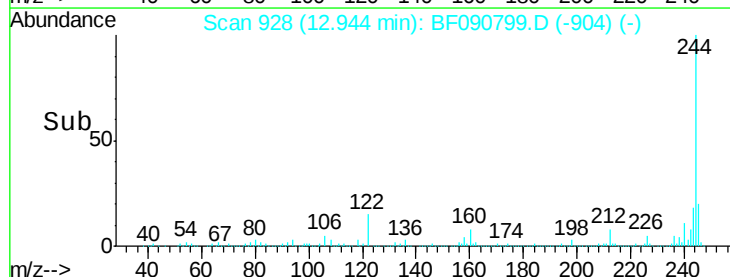
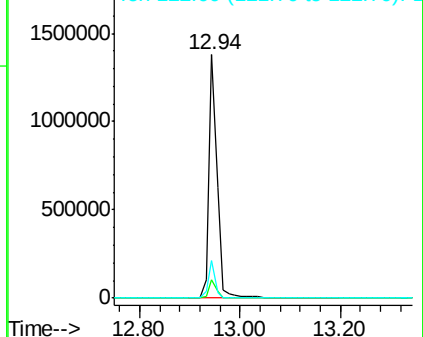
122 15.2 17.4 26.2#

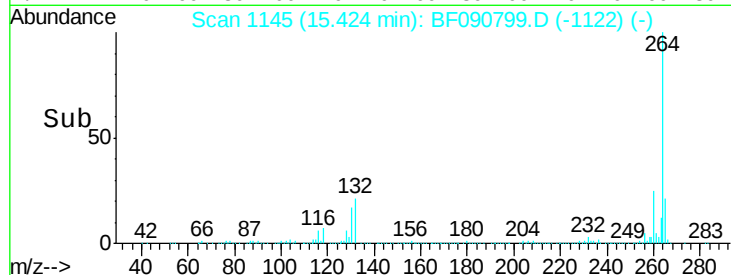
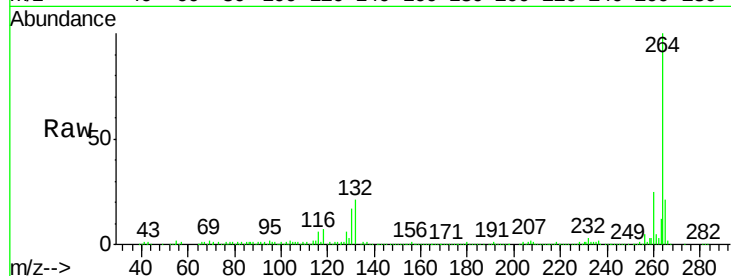
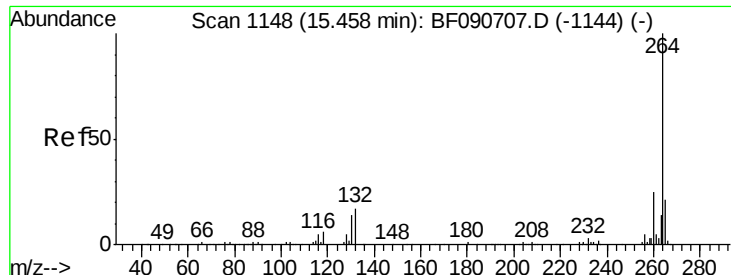


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF090799.D
Acq: 24 Oct 2016 20:36

Instrument :
BNA_F
ClientSampleId :
END-EAST-UL

Tgt Ion:	264	Resp:	305167
Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	21.4	17.2	25.8

