

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090723.D
 Acq On : 21 Oct 2016 21:20
 Operator : UM/SJ
 Sample : H5342-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-LAYER-STONE

Quant Time: Oct 21 23:26:37 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

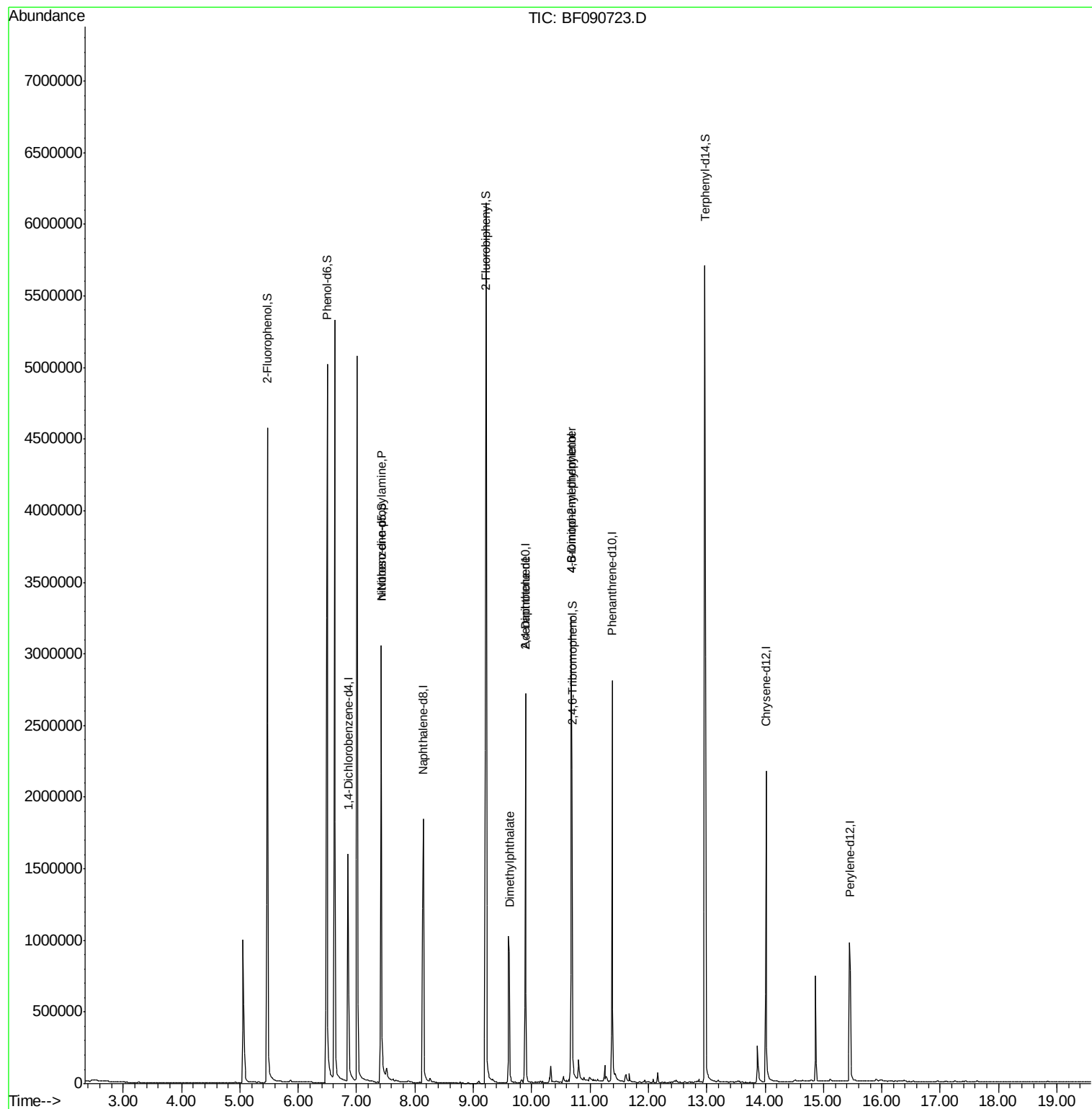
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	284735	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1203902	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	613493	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	1028565	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	788979	20.00	ng	0.00
86) Perylene-d12	15.45	264	515990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1791775	101.49	ng	0.01
7) Phenol-d6	6.50	99	2444875	102.24	ng	0.00
23) Nitrobenzene-d5	7.42	82	1634387	74.46	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	620332	127.75	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2352789	59.53	ng	-0.01
78) Terphenyl-d14	12.97	244	2390978	69.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	217571	12.22	ng	# 52
49) Dimethylphthalate	9.62	163	671461	17.42	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	79626	7.86	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1259	4.35	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	39015	3.91	ng	# 1

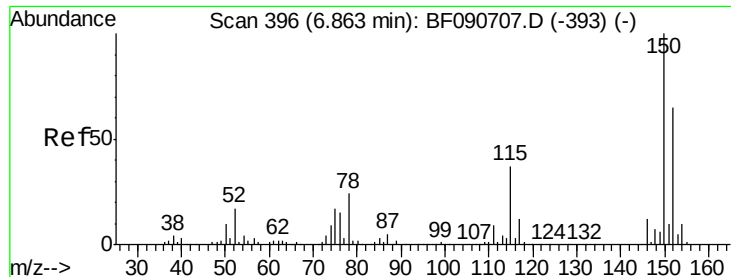
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090723.D

Acq: 21 Oct 2016 21:20

Instrument :

BNA_F

ClientSampleId :

BRIDGE-LAYER-STONE

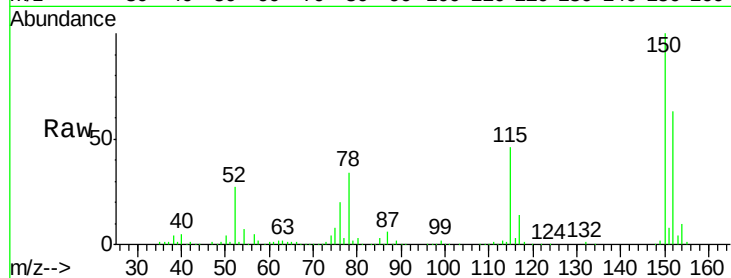
Tgt Ion:152 Resp: 284735

Ion Ratio Lower Upper

152 100

150 158.4 124.7 187.1

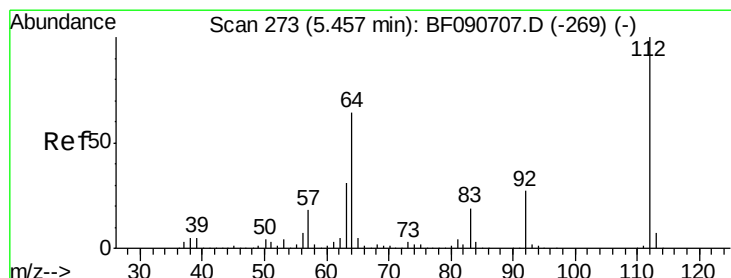
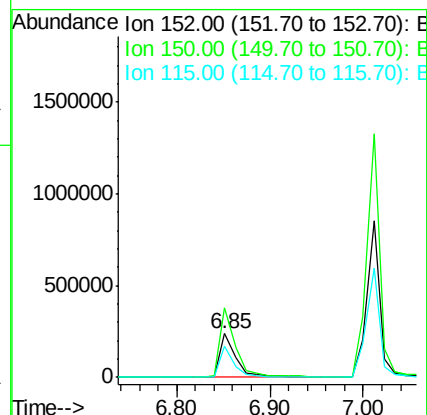
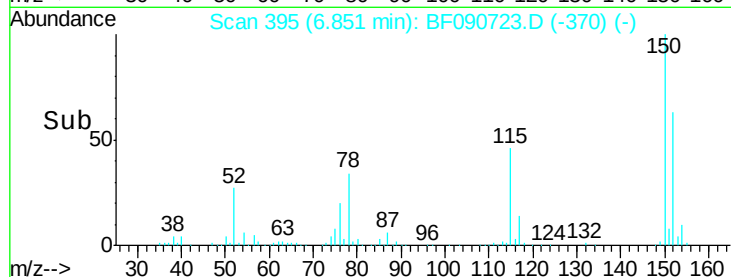
115 72.2 39.0 58.4#



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: 101.49 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090723.D

Acq: 21 Oct 2016 21:20

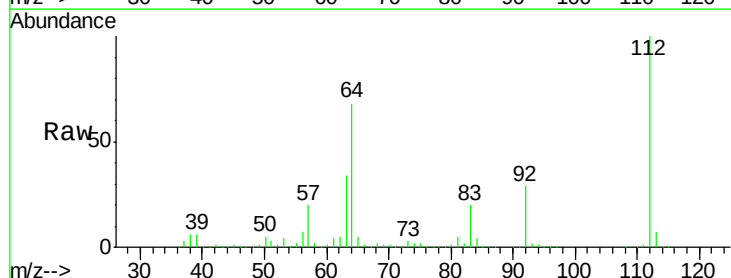
Tgt Ion:112 Resp: 1791775

Ion Ratio Lower Upper

112 100

64 67.6 39.7 59.5#

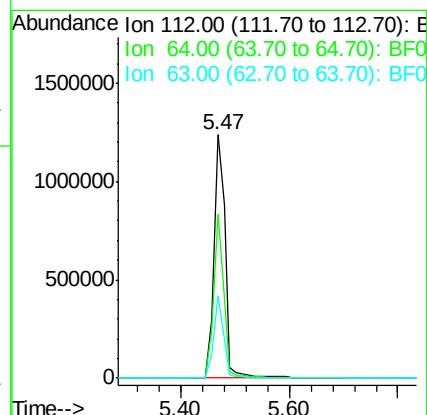
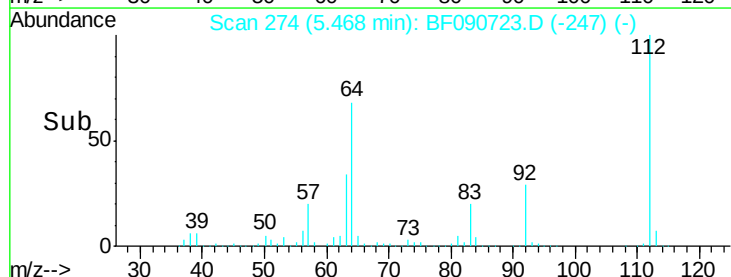
63 33.6 17.4 26.0#

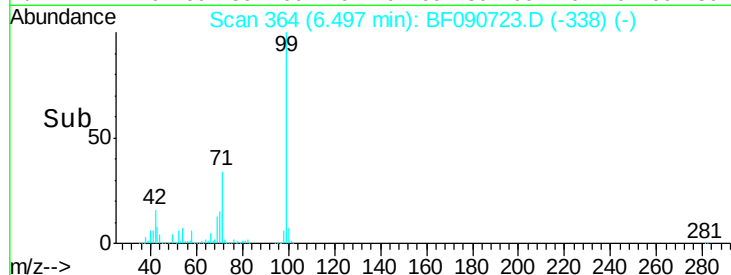
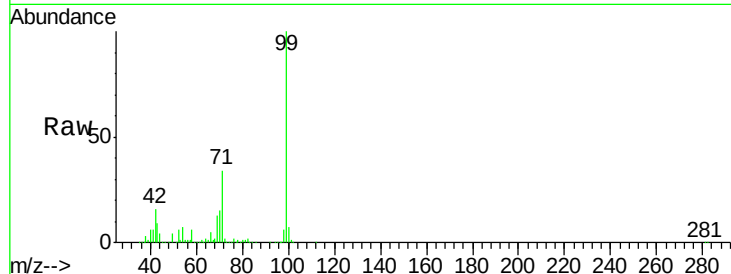
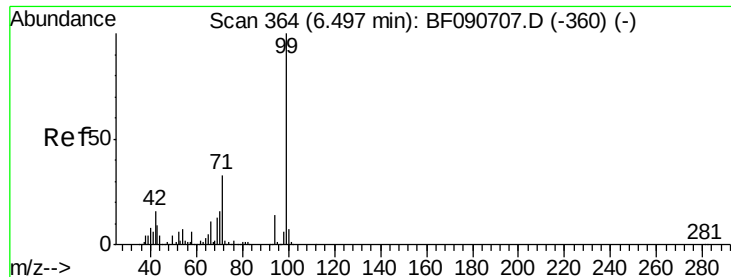


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.24 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090723.D

Acq: 21 Oct 2016 21:20

Instrument :

BNA_F

ClientSampleId :

BRIDGE-LAYER-STONE

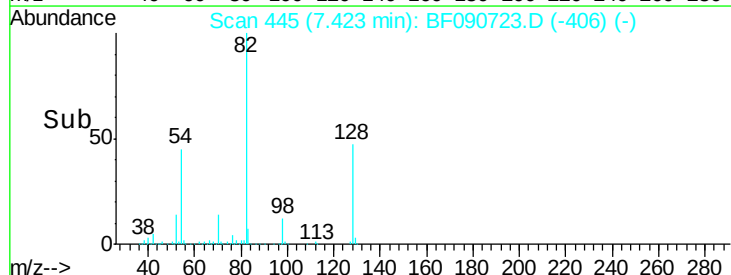
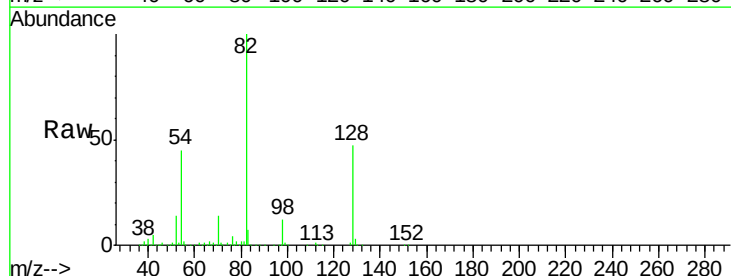
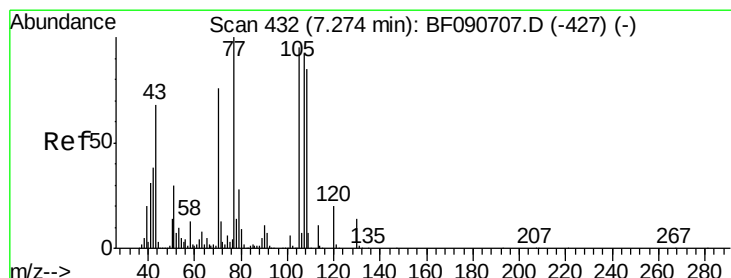
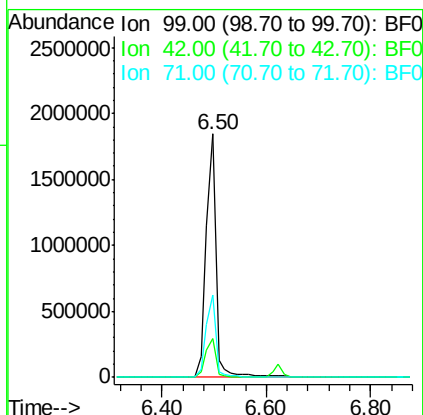
Tgt Ion: 99 Resp: 2444875

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

71 33.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.22 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090723.D

Acq: 21 Oct 2016 21:20

Tgt Ion: 70 Resp: 217571

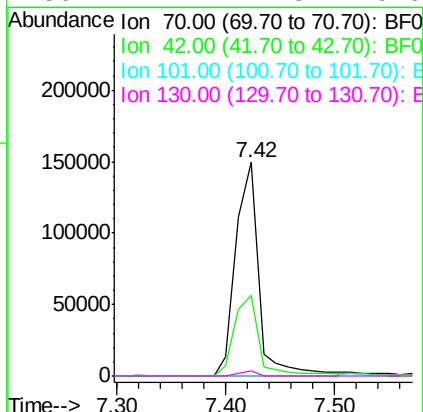
Ion Ratio Lower Upper

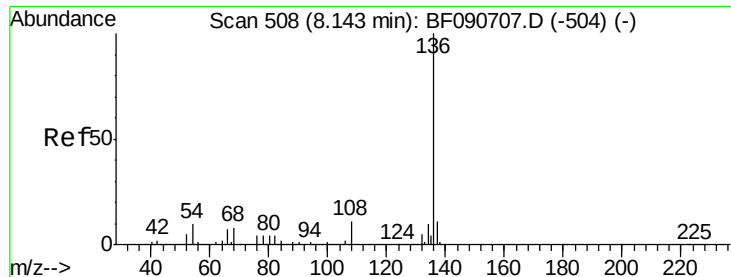
70 100

42 37.7 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: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090723.D

Acq: 21 Oct 2016 21:20

Instrument :

BNA_F

ClientSampleId :

BRIDGE-LAYER-STONE

Tgt Ion:136 Resp: 1203902

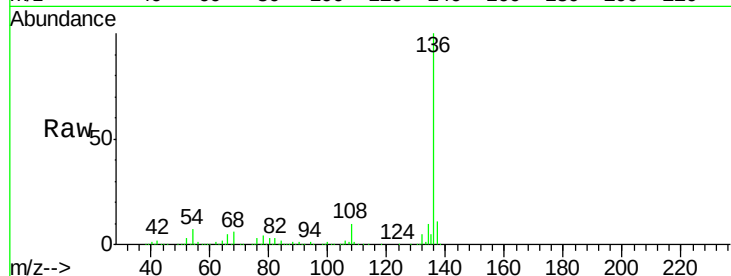
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.2 8.2 12.2#

68 6.3 5.8 8.6

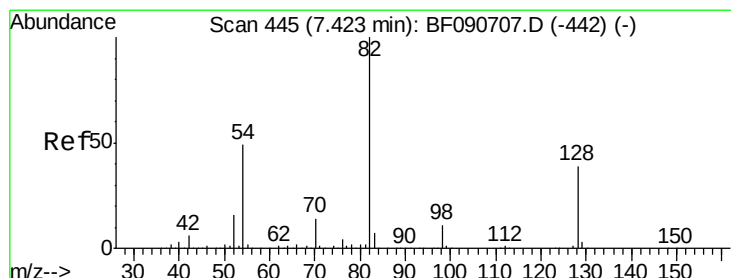
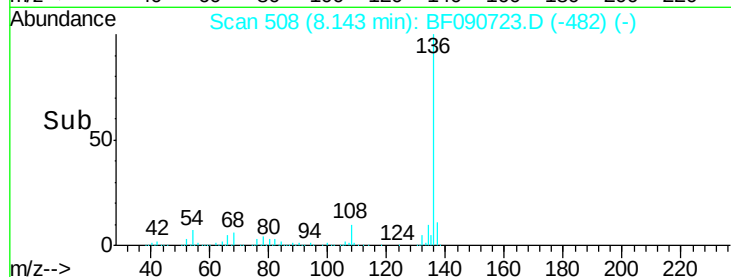
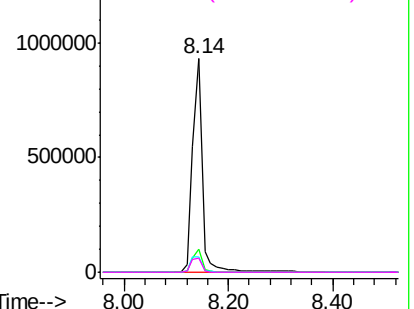


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.46 ng

RT: 7.42 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF090723.D

Acq: 21 Oct 2016 21:20

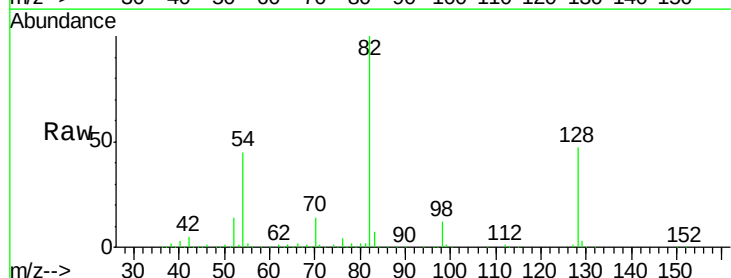
Tgt Ion: 82 Resp: 1634387

Ion Ratio Lower Upper

82 100

128 47.1 51.0 76.6#

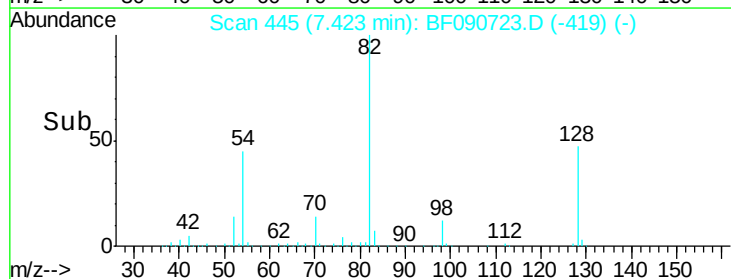
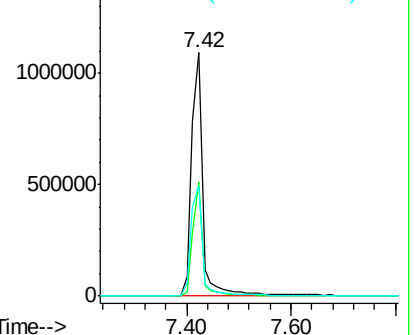
54 45.4 47.5 71.3#

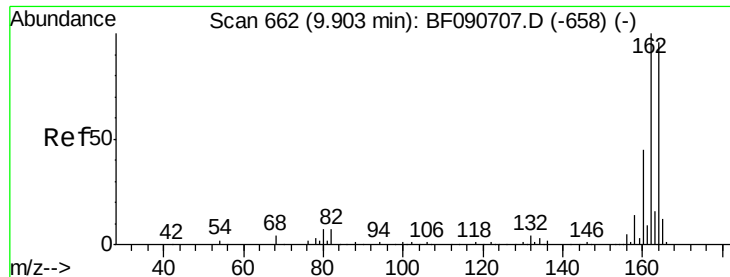


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

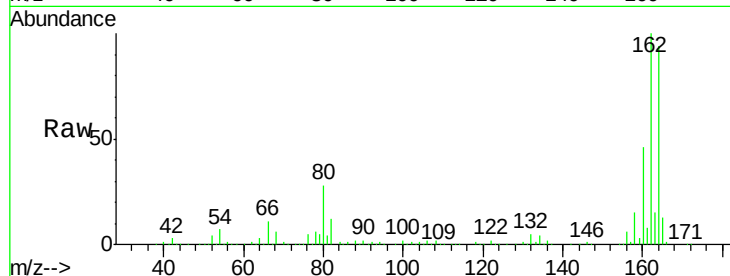




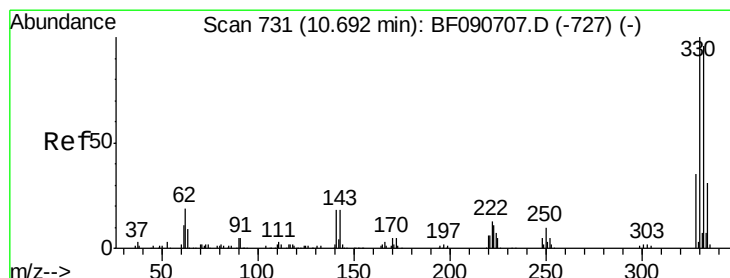
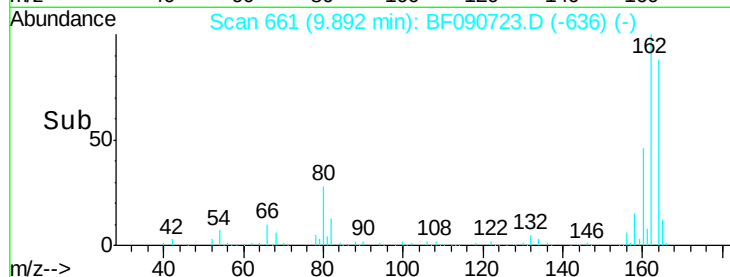
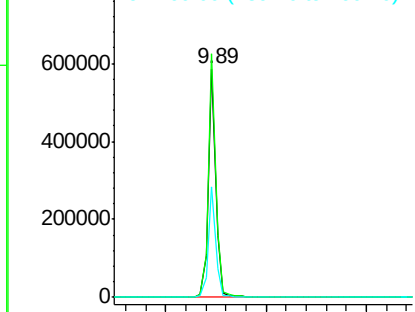
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

Instrument :
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 BRIDGE-LAYER-STONE

Tgt Ion:164 Resp: 613493
 Ion Ratio Lower Upper
 164 100
 162 106.5 75.2 112.8
 160 48.5 31.5 47.3#

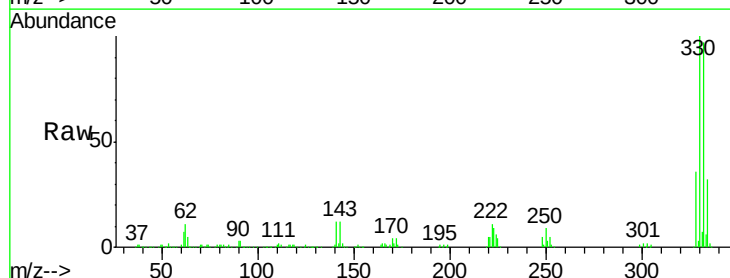


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

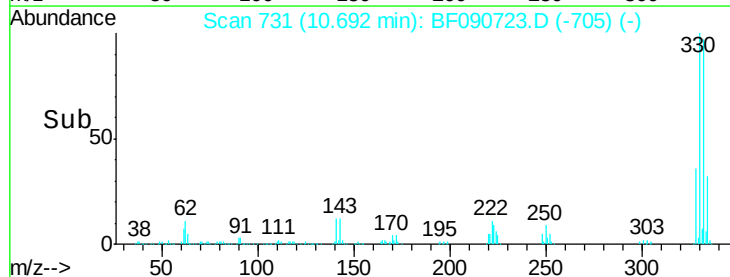
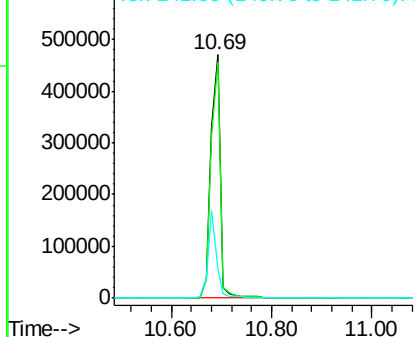


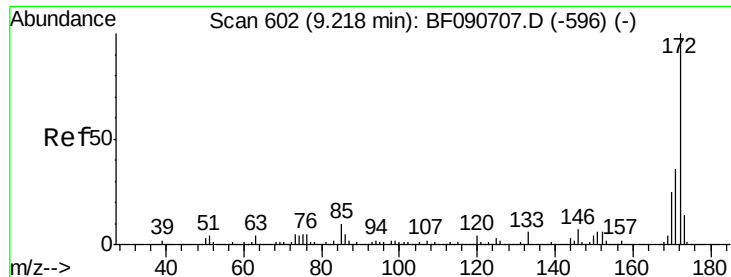
#41
 2,4,6-Tribromophenol
 Concen: 127.75 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

Tgt Ion:330 Resp: 620332
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 33.0 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

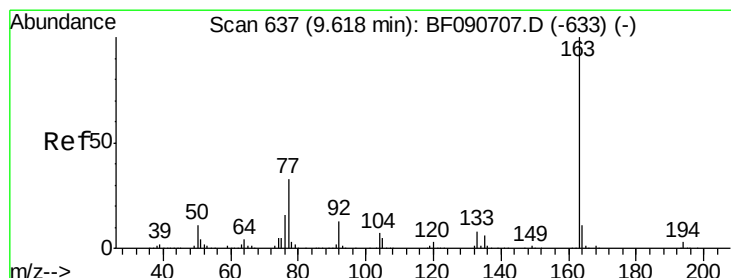
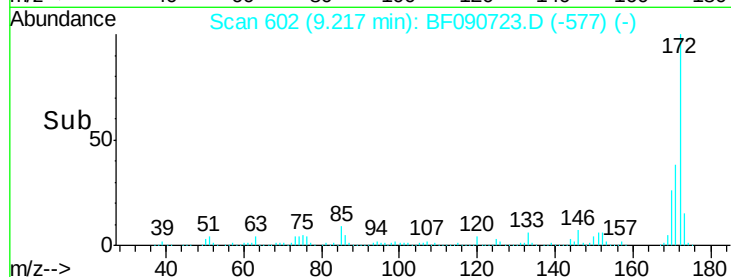
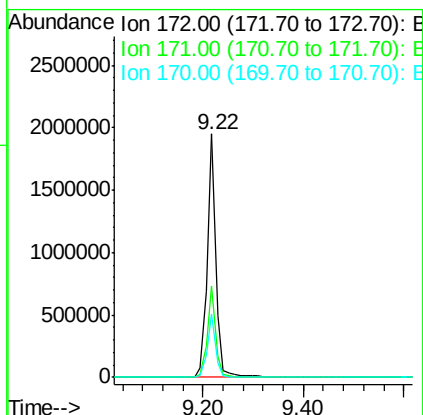
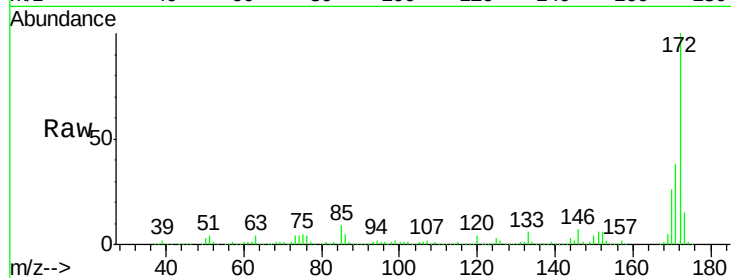




#44
 2-Fluorobiphenyl
 Concen: 59.53 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

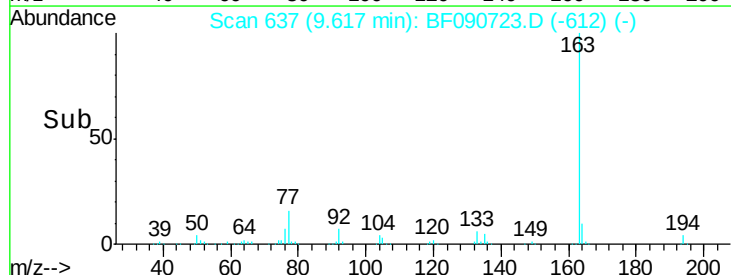
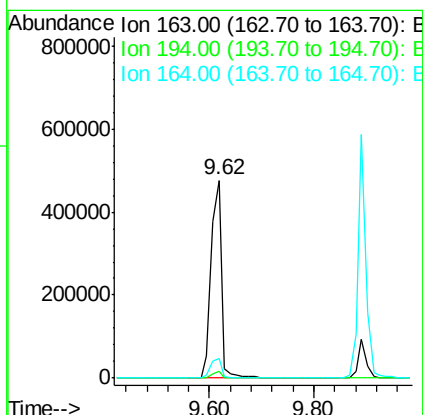
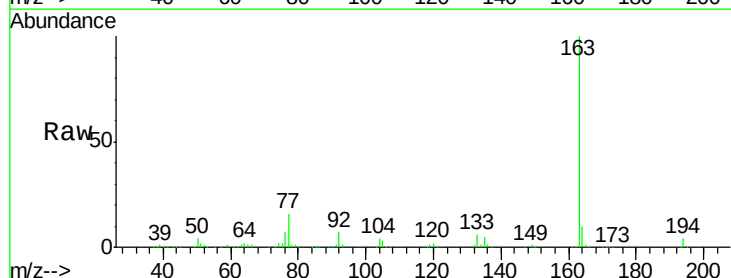
Instrument :
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 BRIDGE-LAYER-STONE

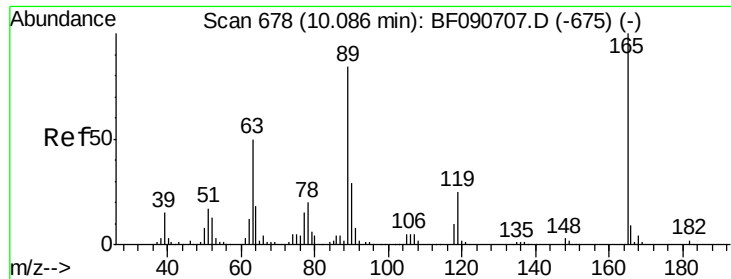
Tgt Ion:172 Resp: 2352789
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.8 17.4 26.2



#49
 Dimethylphthalate
 Concen: 17.42 ng
 RT: 9.62 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

Tgt Ion:163 Resp: 671461
 Ion Ratio Lower Upper
 163 100
 194 3.7 4.4 6.6#
 164 9.7 8.3 12.5

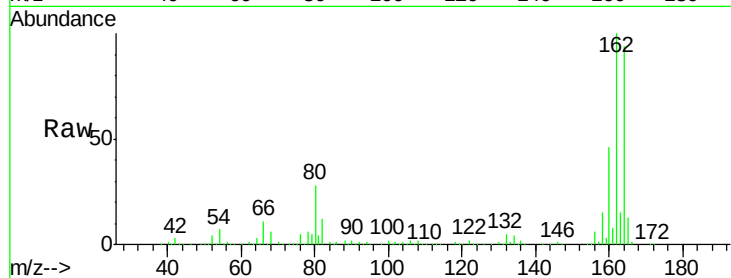




#56
 2,4-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:	165	Resp:	79626
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.2	44.5	66.7#
182	0.0	3.0	4.4#

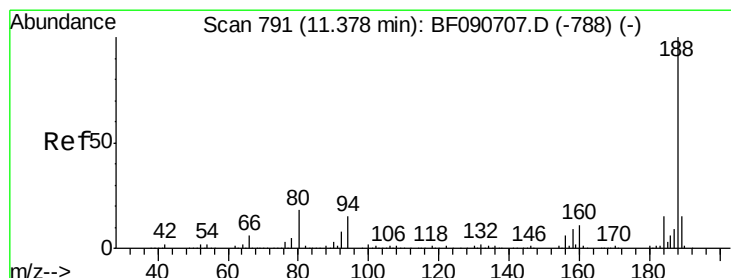
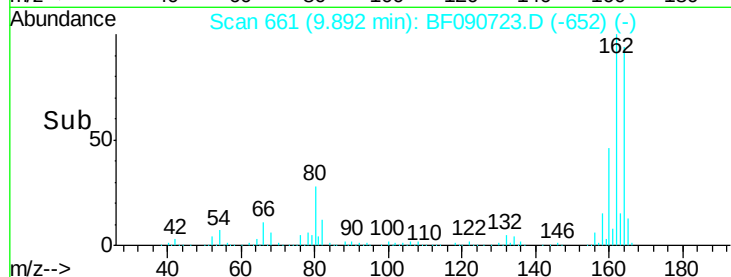
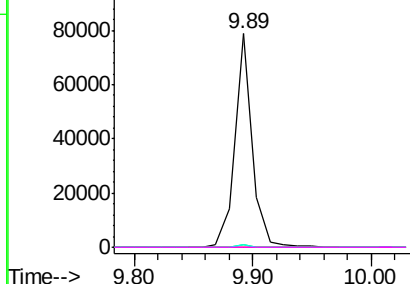


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

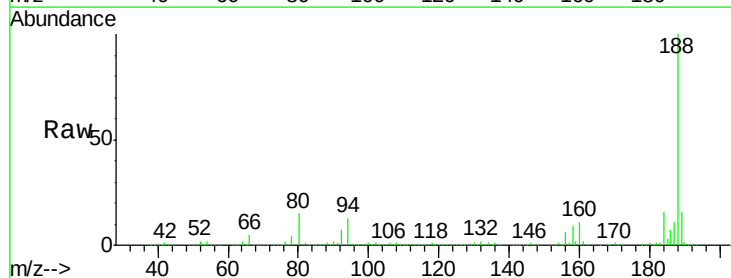
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

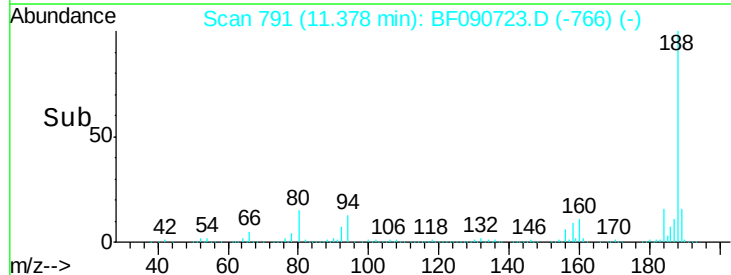
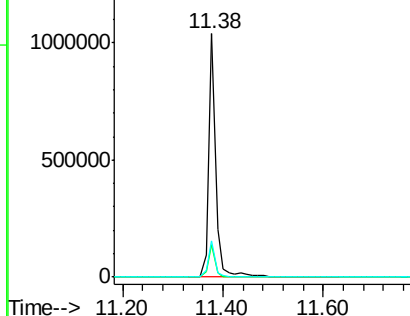
Tgt Ion:	188	Resp:	1028565
Ion	Ratio	Lower	Upper
188	100		
94	13.3	11.1	16.7
80	14.8	11.0	16.4

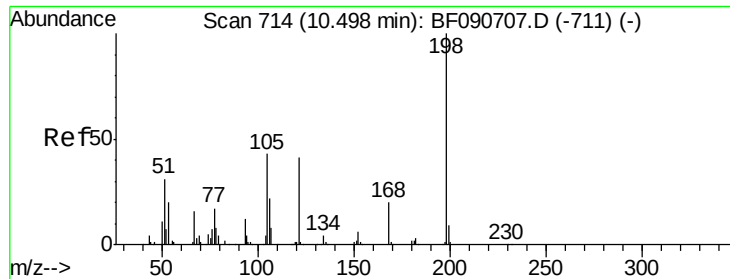


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

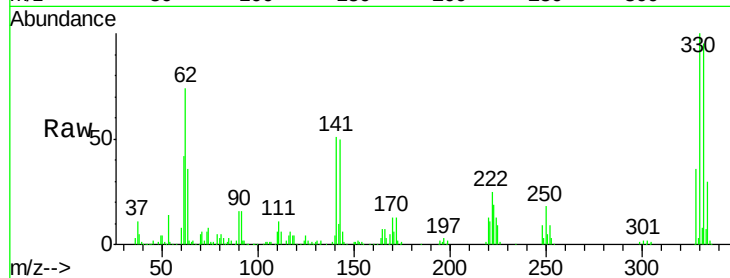




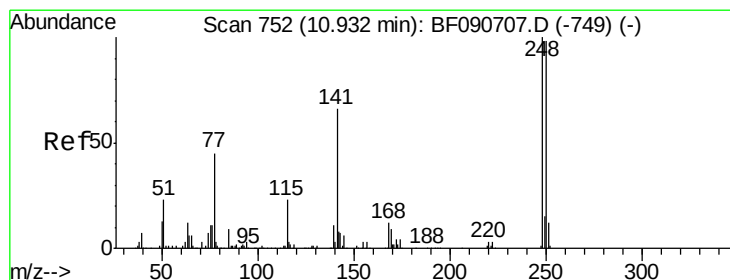
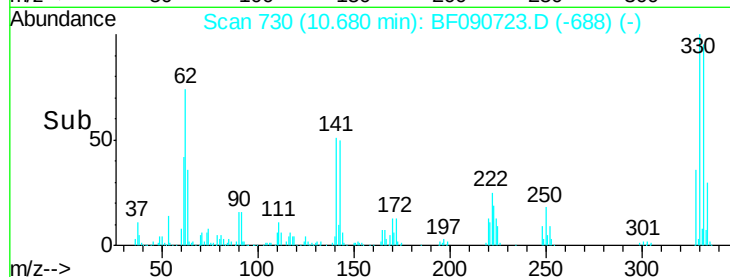
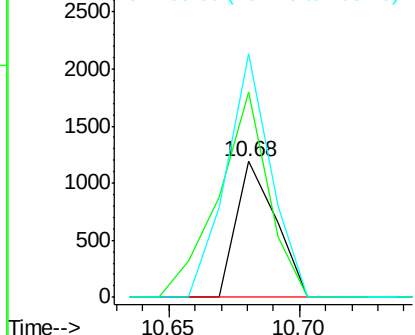
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.35 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

Instrument :
 BNA_F
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Tgt Ion:198 Resp: 1259
 Ion Ratio Lower Upper
 198 100
 51 151.7 39.6 79.6#
 105 179.7 28.5 68.5#

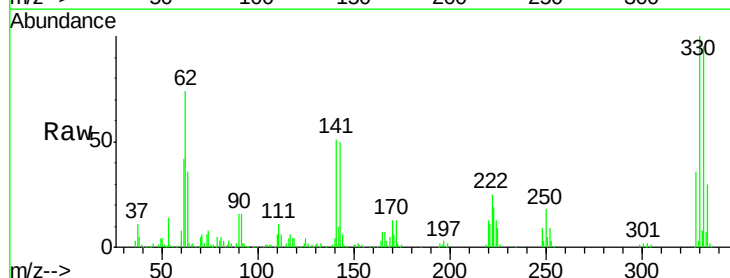


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

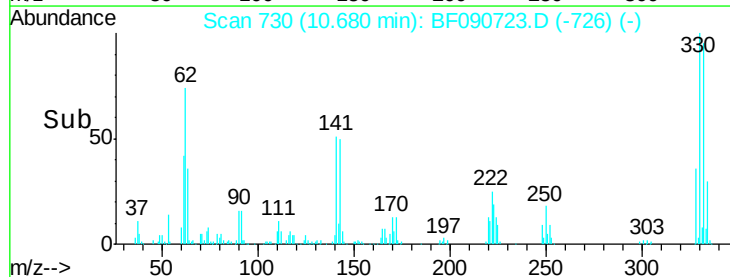
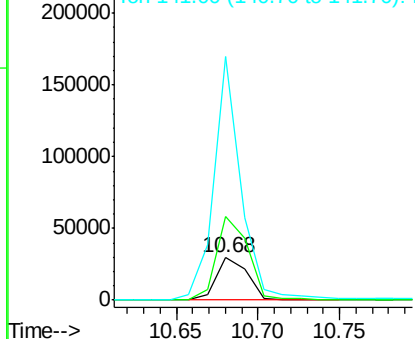


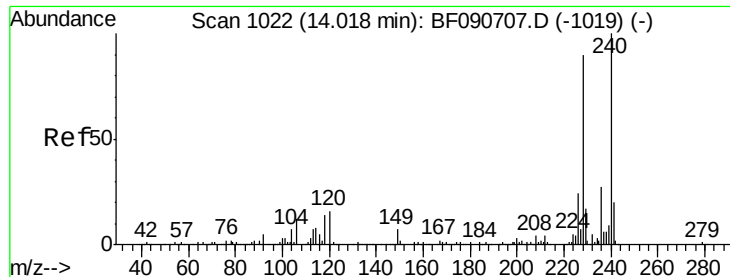
#66
 4-Bromophenyl-phenylether
 Concen: 3.91 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.25 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

Tgt Ion:248 Resp: 39015
 Ion Ratio Lower Upper
 248 100
 250 198.5 78.5 117.7#
 141 579.1 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: 14.02 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF090723.D

Acq: 21 Oct 2016 21:20

Instrument :

BNA_F

ClientSampleId :

BRIDGE-LAYER-STONE

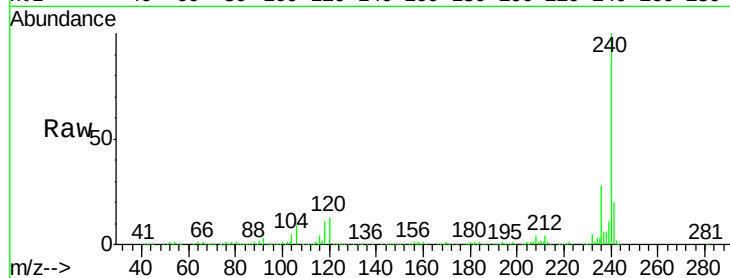
Tgt Ion:240 Resp: 788979

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

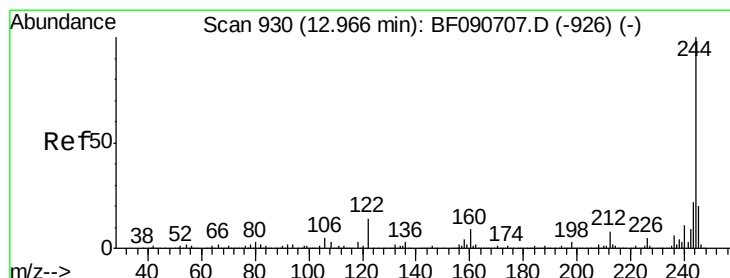
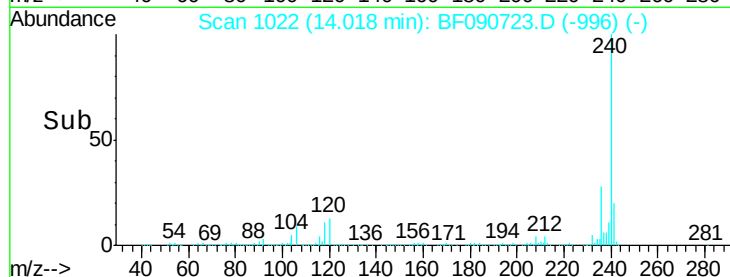
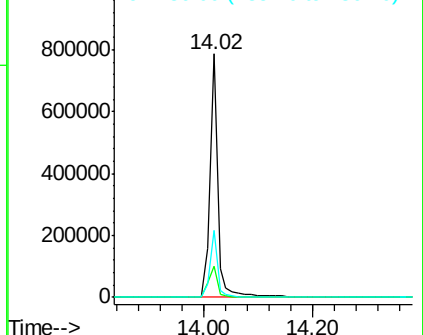
236 27.6 18.4 27.6#



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: 69.45 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090723.D

Acq: 21 Oct 2016 21:20

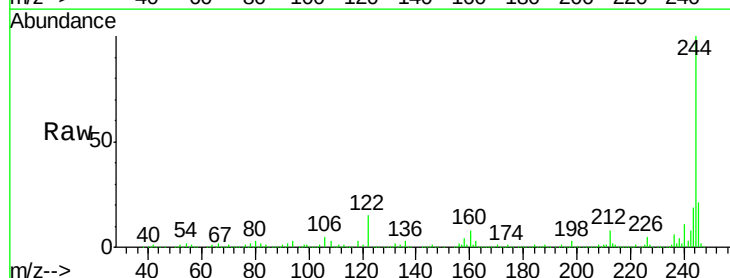
Tgt Ion:244 Resp: 2390978

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

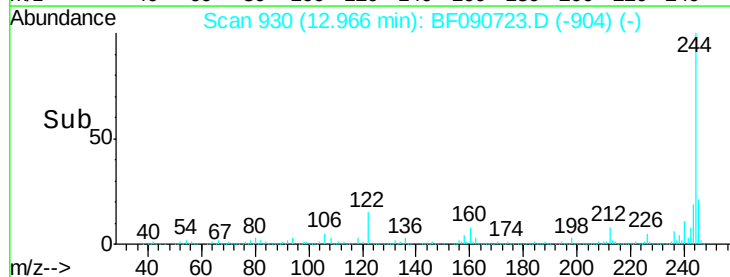
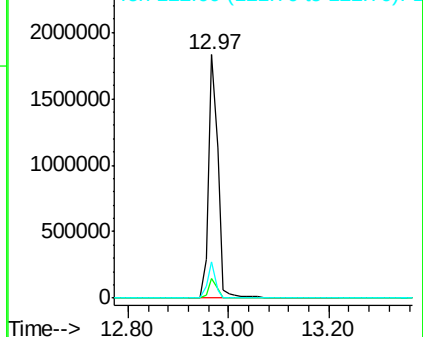
122 14.9 17.4 26.2#

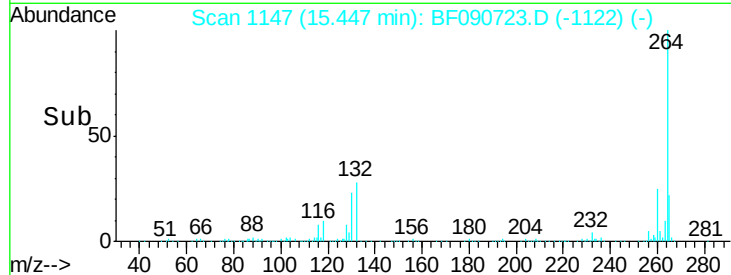
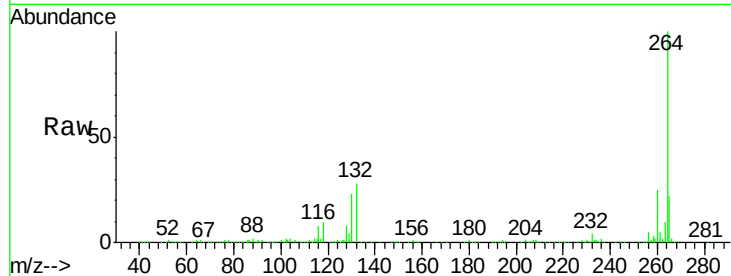
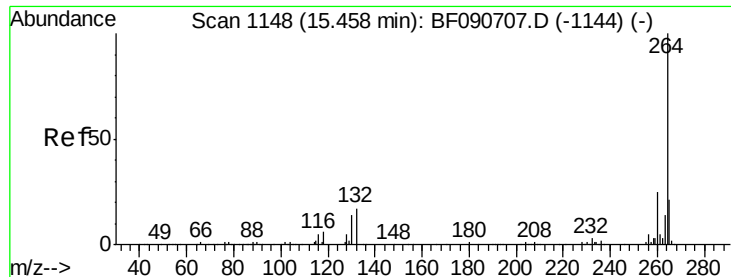


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

Tgt Ion:	264	Resp:	515990
Ion Ratio	Lower	Upper	
264	100		
260	25.2	16.7	25.1#
265	22.0	17.2	25.8

