

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 22 00:12:21 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

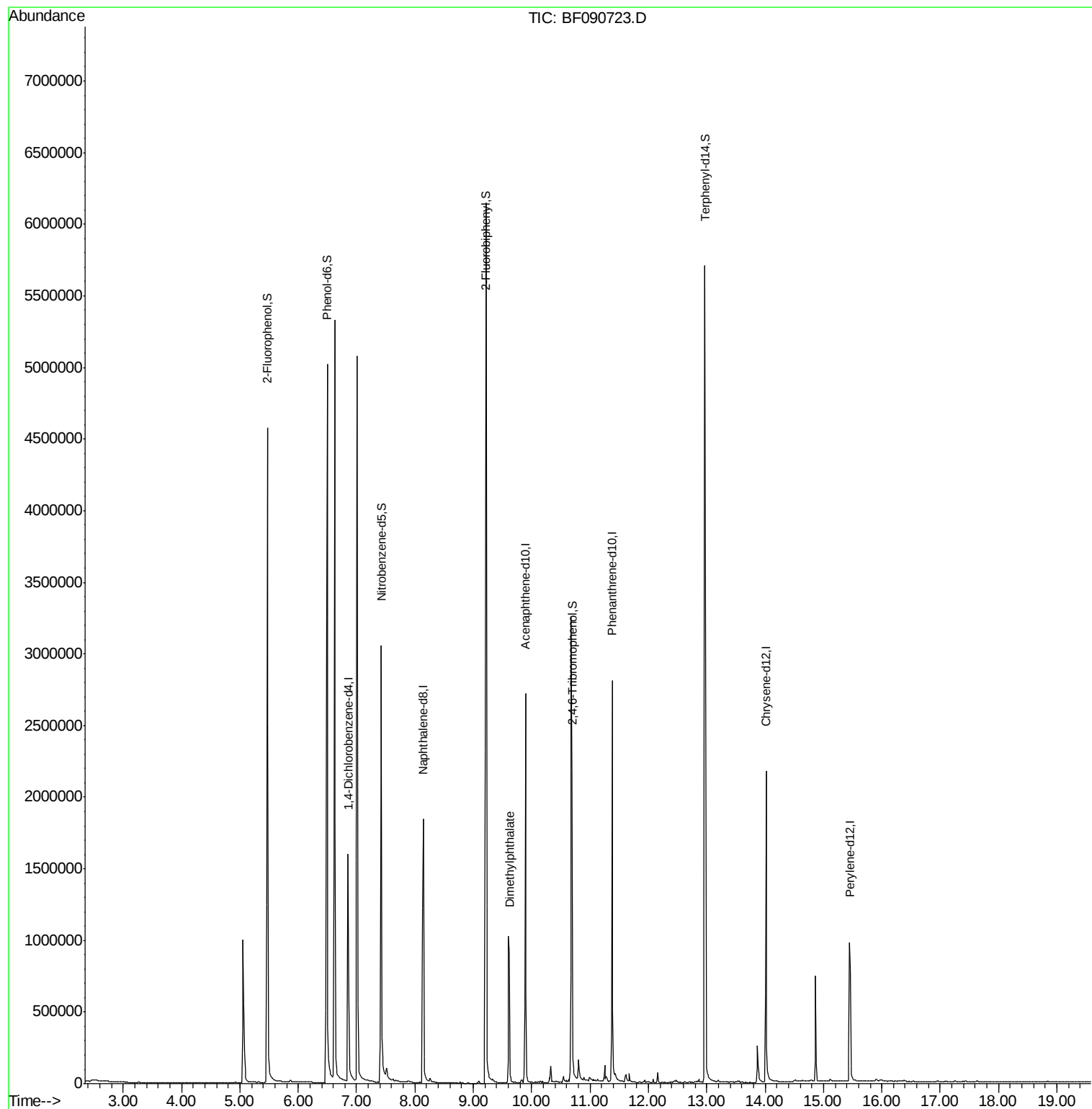
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	284735	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1203902	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	613493	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	1028565	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	788979	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						Qvalue
49) Dimethylphthalate	9.62	163	671461	17.42	ng	# 97

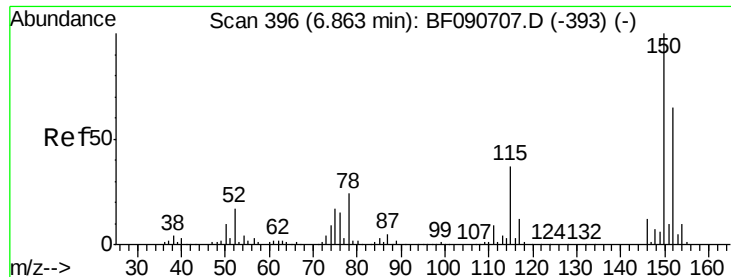
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 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

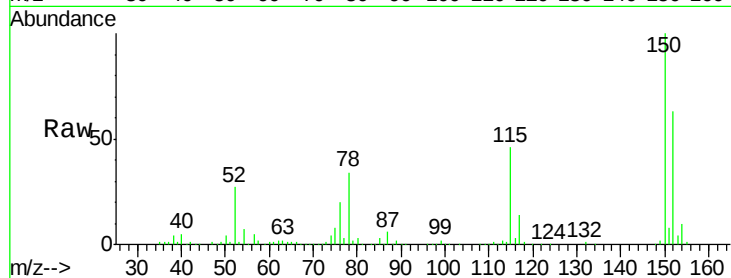
Tot Ion:152 Resp: 284735

Ion Ratio Lower Upper

152 100

150 158.4 124.7 187.1

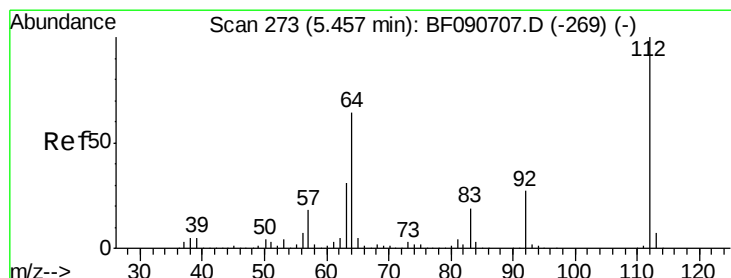
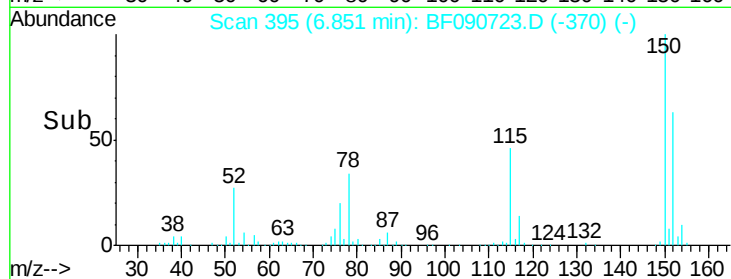
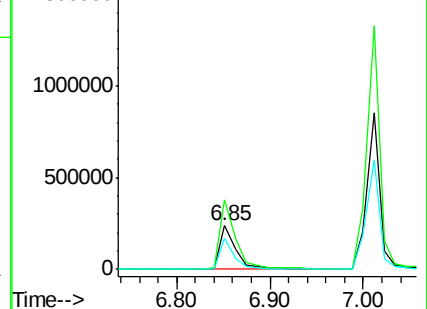
115 72.2 39.0 58.4#



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

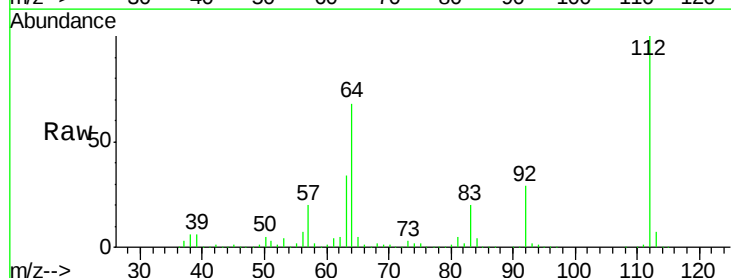
Tgt Ion:112 Resp: 1791775

Ion Ratio Lower Upper

112 100

64 67.6 39.7 59.5#

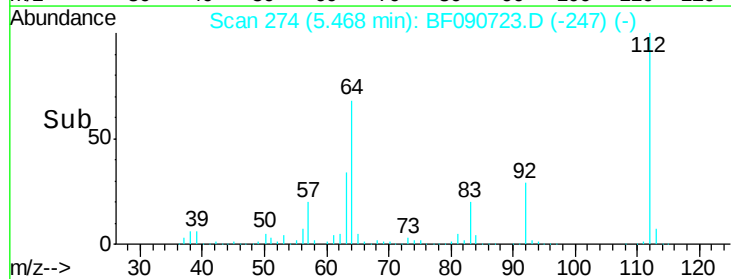
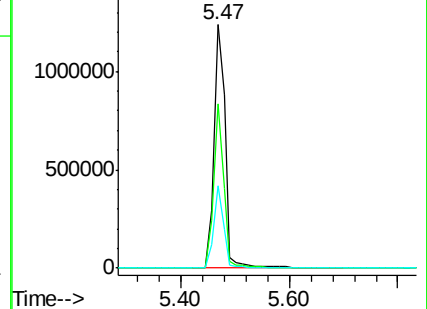
63 33.6 17.4 26.0#

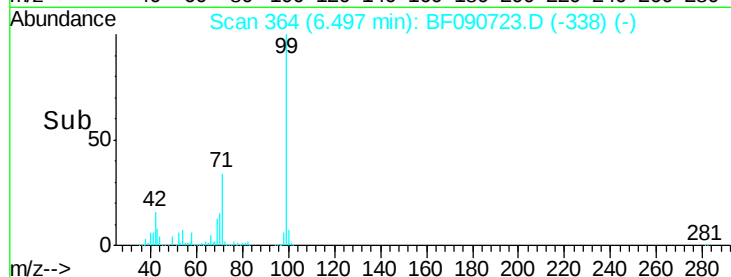
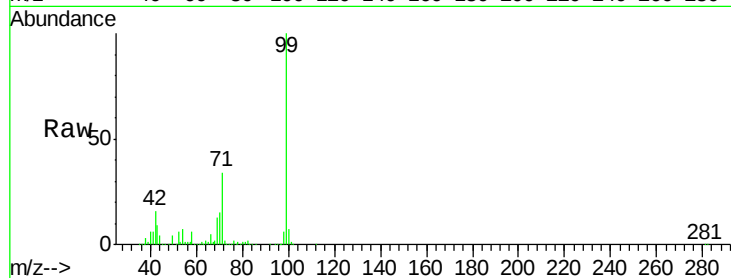
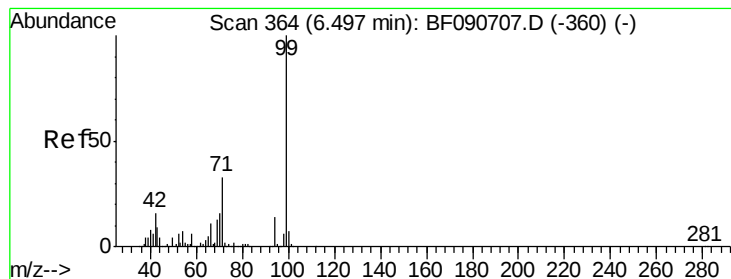


Abundance Ion 112.00 (111.70 to 112.70): E

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

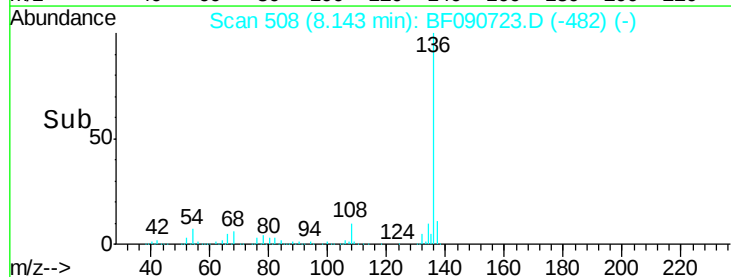
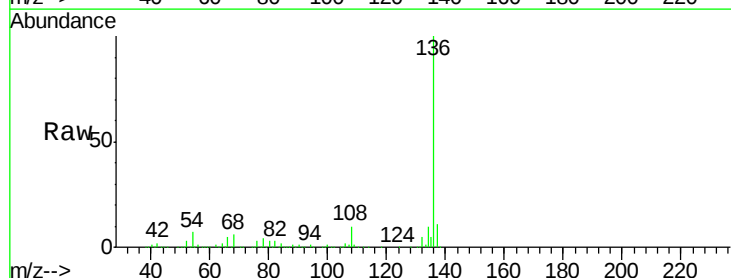
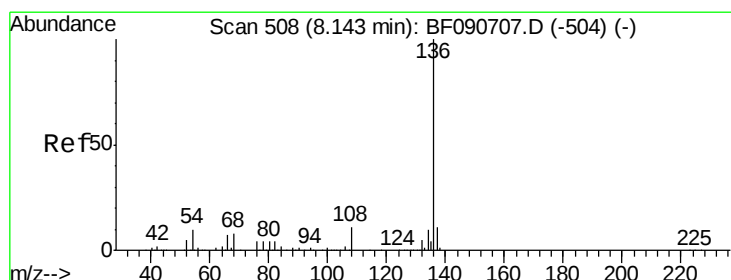
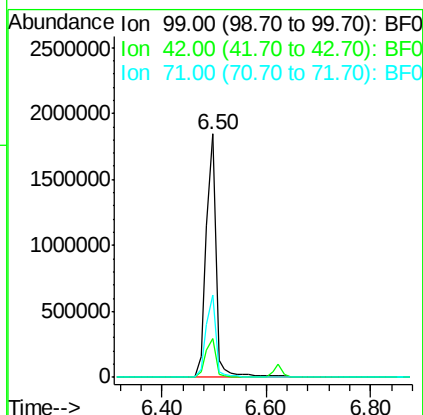
Tot Ion: 99 Resp: 2444875

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

71 33.8 14.2 21.2#



#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

Tgt Ion: 136 Resp: 1203902

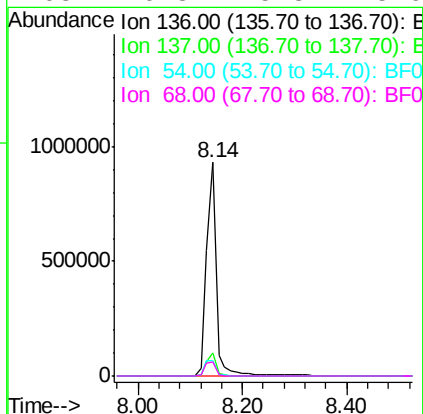
Ion Ratio Lower Upper

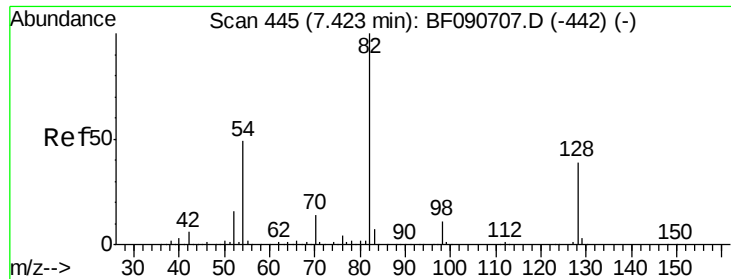
136 100

137 11.1 9.0 13.6

54 7.2 8.2 12.2#

68 6.3 5.8 8.6

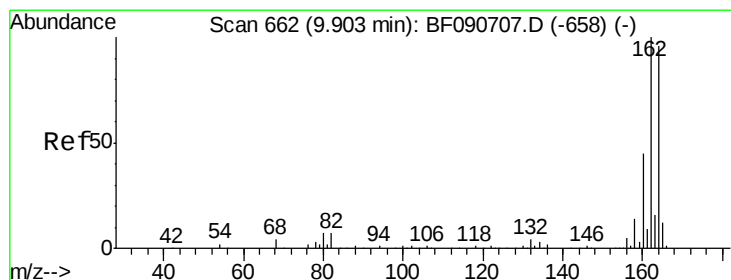
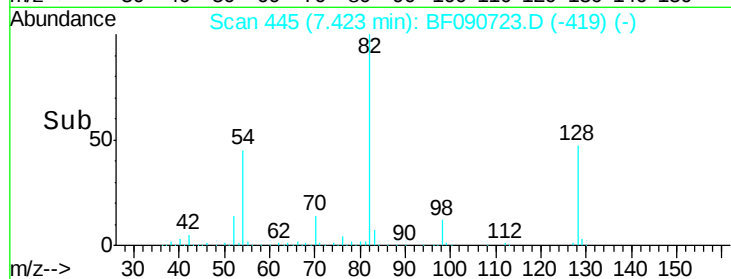
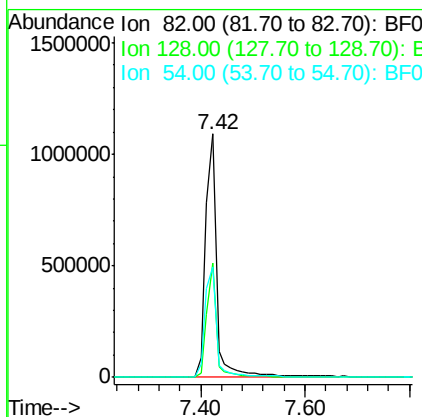
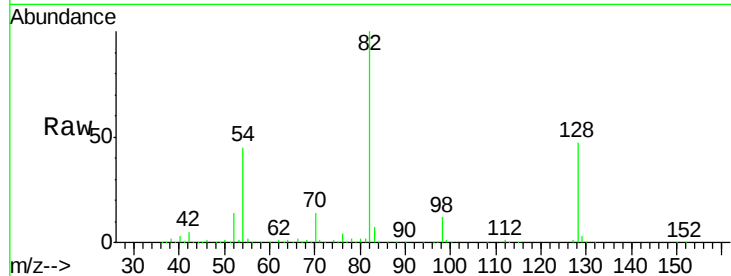




#23
 Nitrobenzene-d5
 Concen: 74.46 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

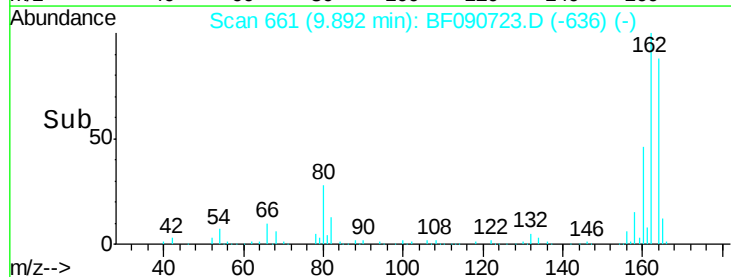
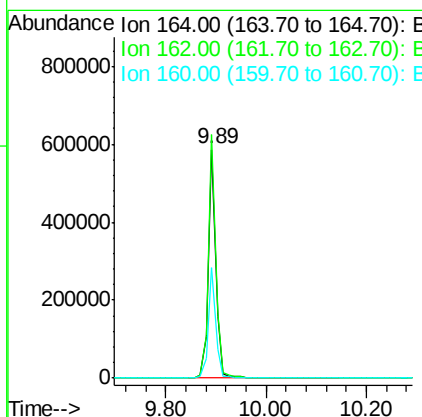
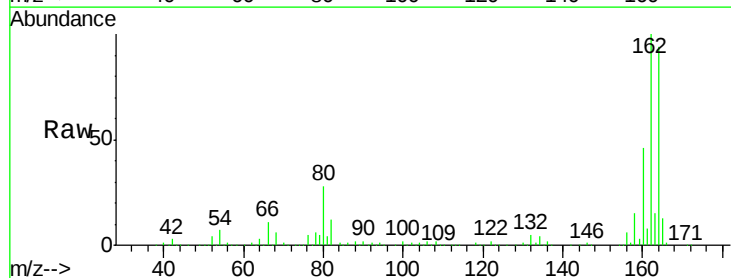
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-LAYER-STONE

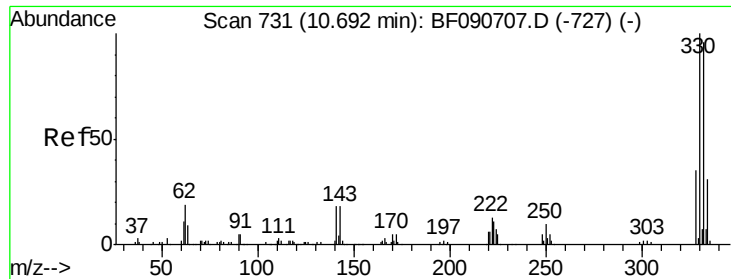
Tot Ion: 82 Resp: 1634387
 Ion Ratio Lower Upper
 82 100
 128 47.1 51.0 76.6#
 54 45.4 47.5 71.3#



#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

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#

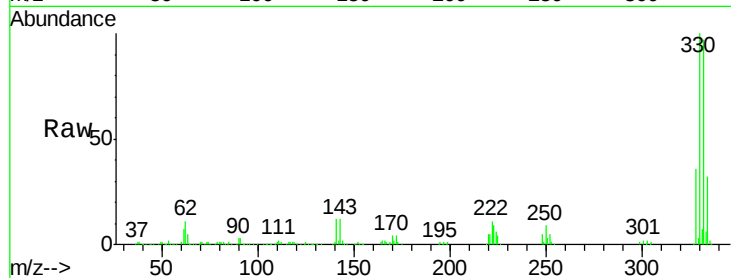




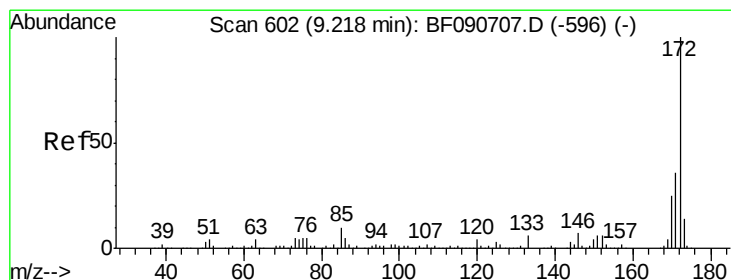
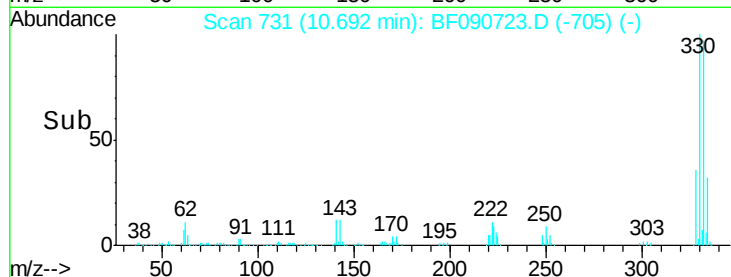
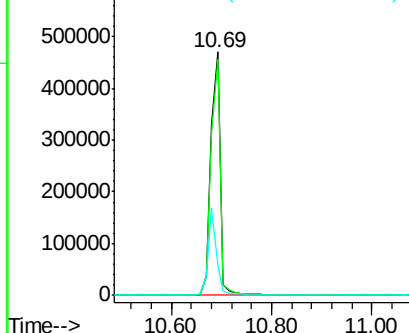
#41
 2,4,6-Tribromophenol
 Concen: 127.75 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-LAYER-STONE

Tot Ion:330 Resp: 620332
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 33.0 29.7 44.5

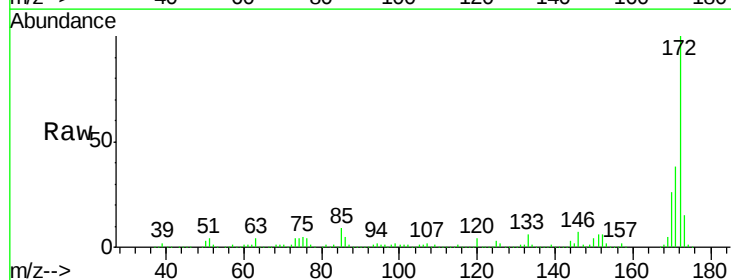


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

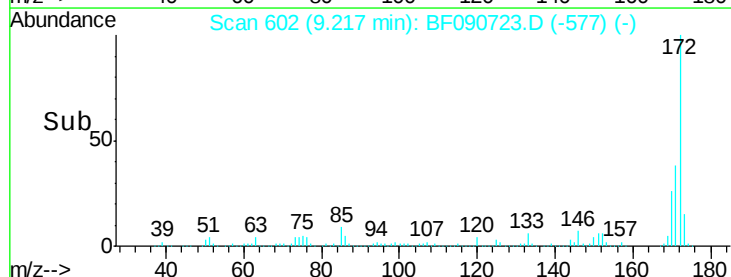
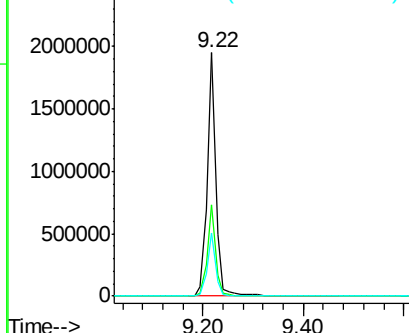


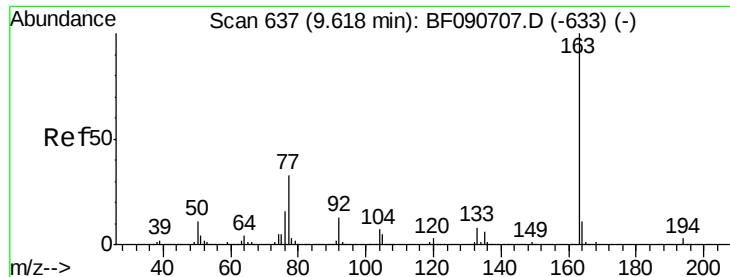
#44
 2-Fluorobiphenyl
 Concen: 59.53 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

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



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

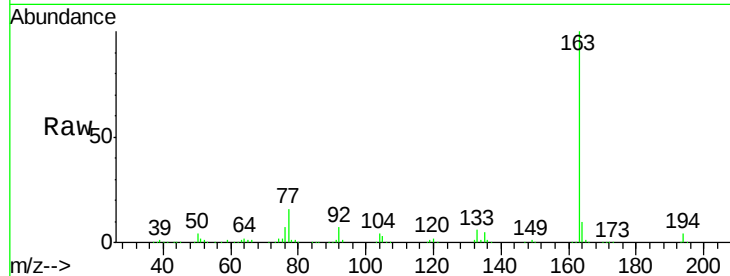




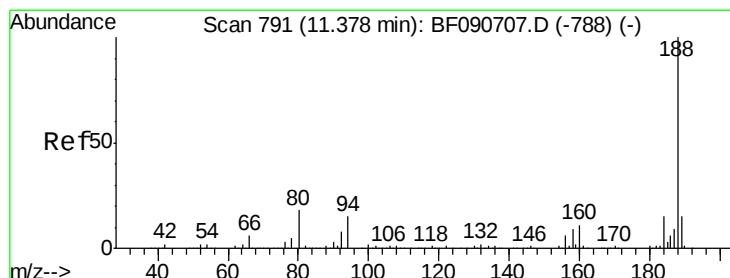
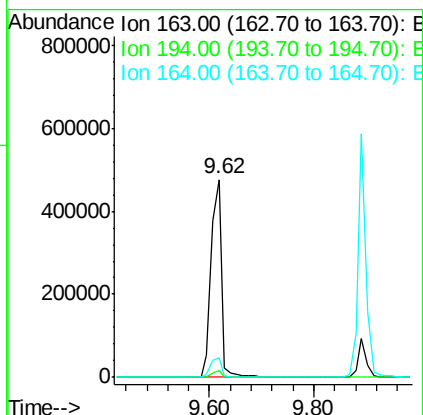
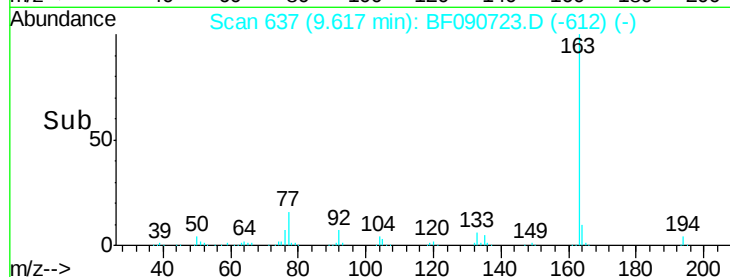
#49
Dimethylphthalate
Concen: 17.42 ng
RT: 9.62 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

Instrument :
BNA_F
ClientSampleId :
BRIDGE-LAYER-STONE

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

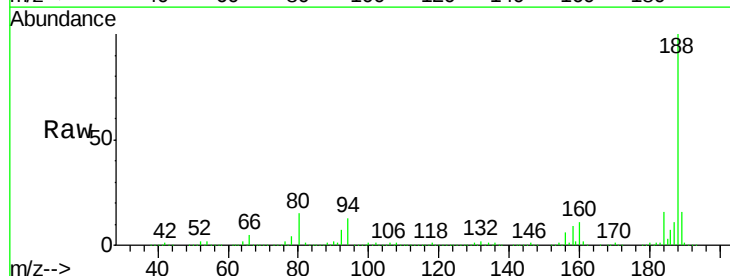


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

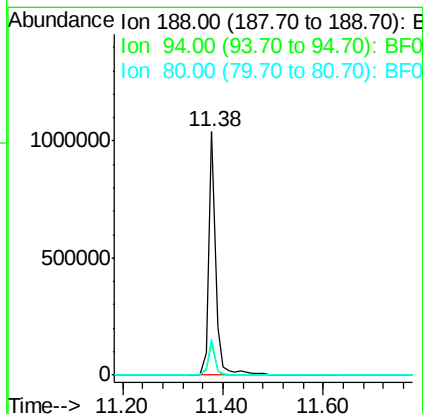
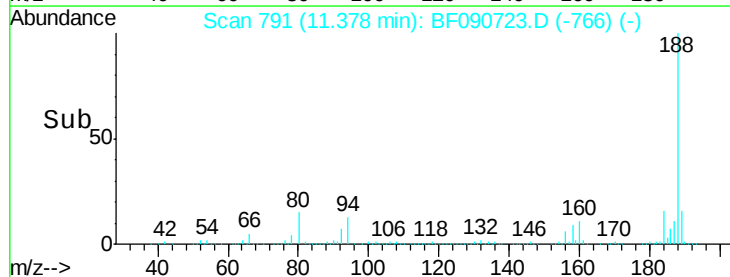


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090723.D
Acq: 21 Oct 2016 21:20

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





#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

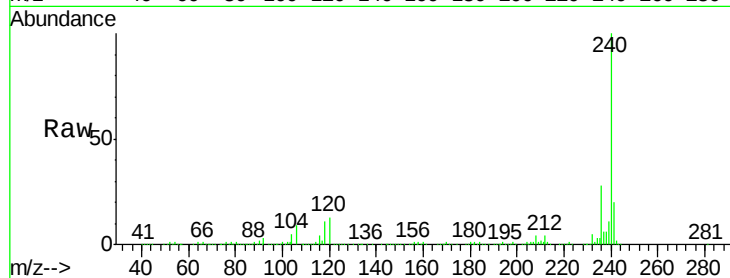
Tot Ion:240 Resp: 788979

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

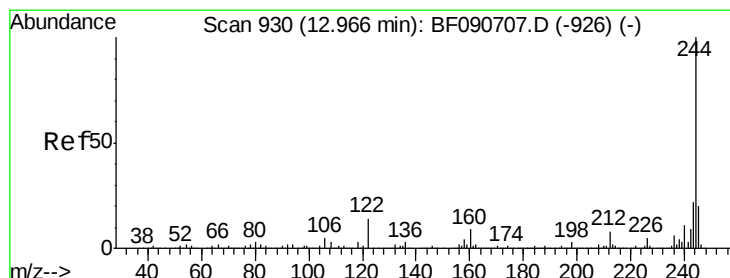
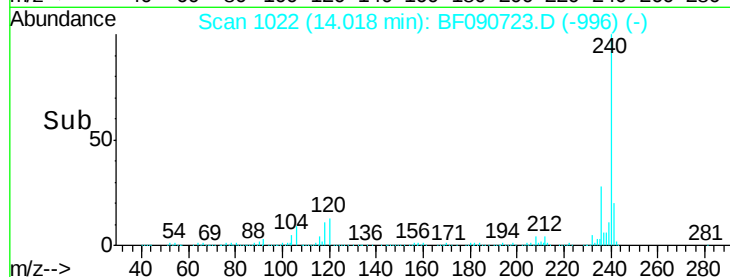
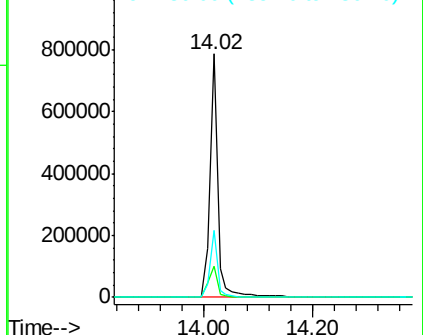
236 27.6 18.4 27.6#



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

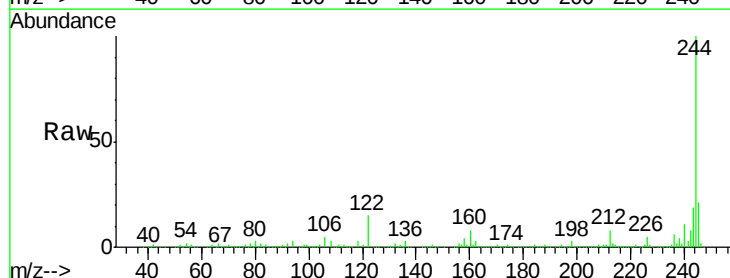
Tgt Ion:244 Resp: 2390978

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

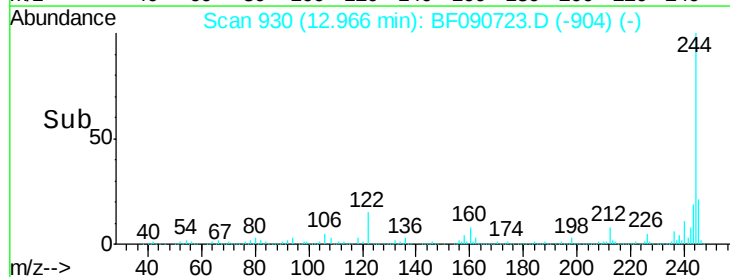
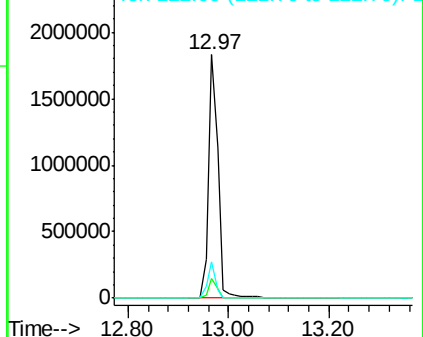
122 14.9 17.4 26.2#

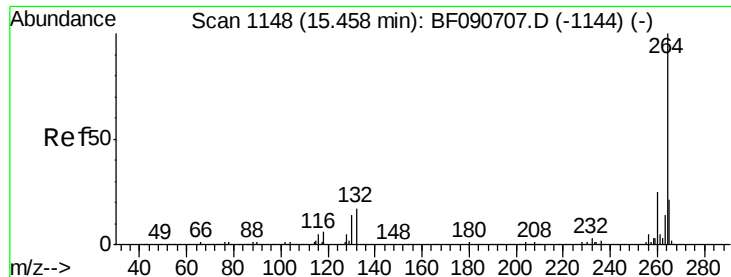


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

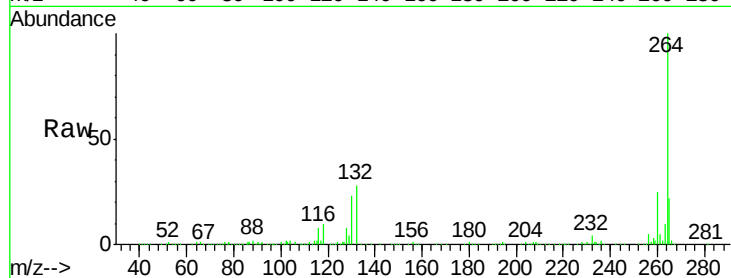




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090723.D
 Acq: 21 Oct 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-LAYER-STONE

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



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

