

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090761.D
 Acq On : 22 Oct 2016 14:43
 Operator : UM/SJ
 Sample : H5367-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-051-102016

Quant Time: Oct 24 01:51:51 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

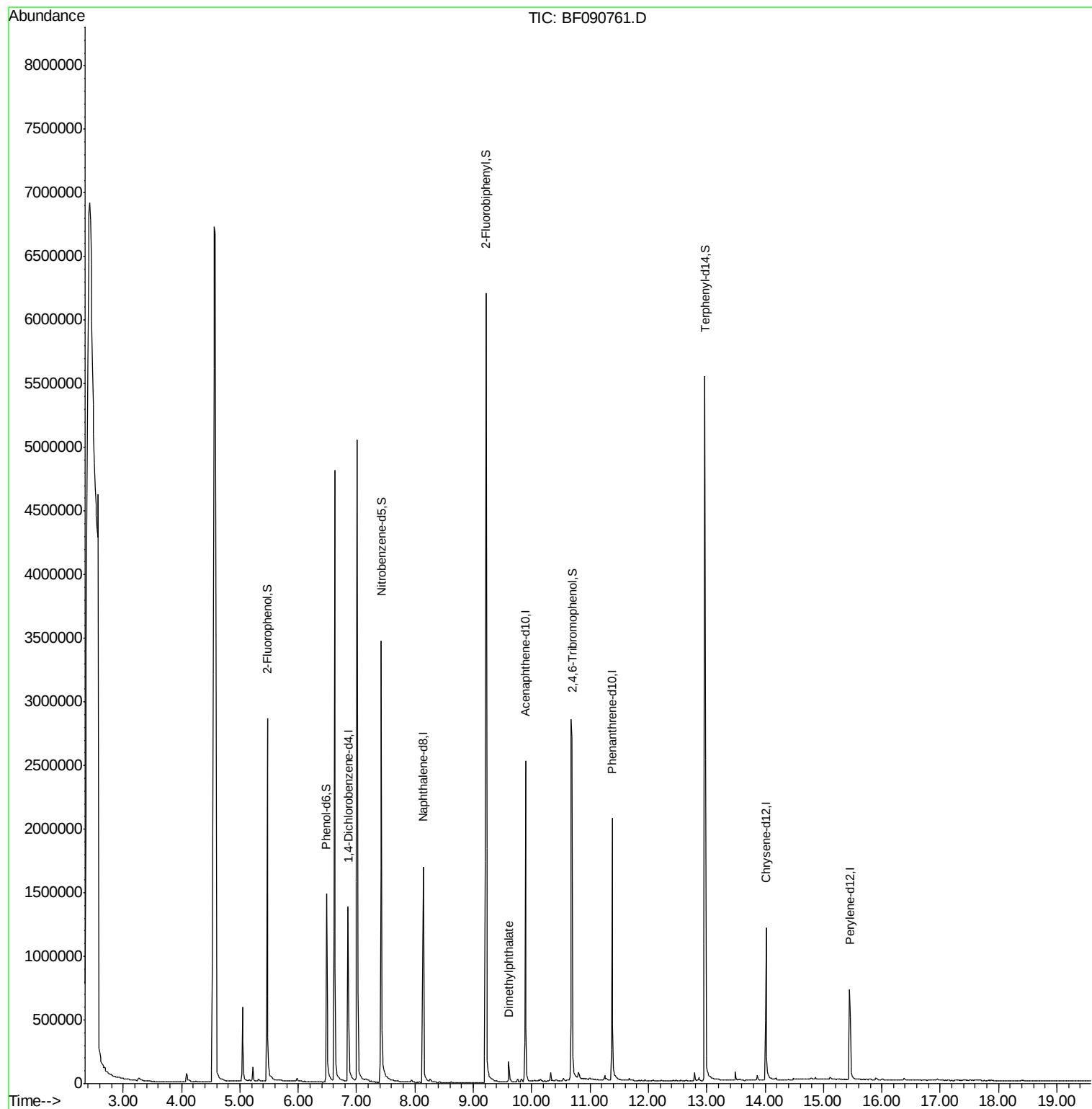
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	250671	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1043607	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	528889	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	805351	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	493528	20.00	ng	0.00
86) Perylene-d12	15.45	264	361060	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	856322	55.09	ng	0.01
7) Phenol-d6	6.49	99	619477	29.42	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1627077	85.51	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	643124	153.63	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2456802	72.11	ng	-0.01
78) Terphenyl-d14	12.97	244	2266342	105.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	89425	2.69	ng	Qvalue # 97

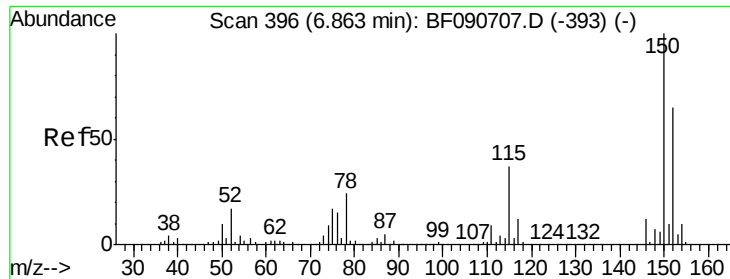
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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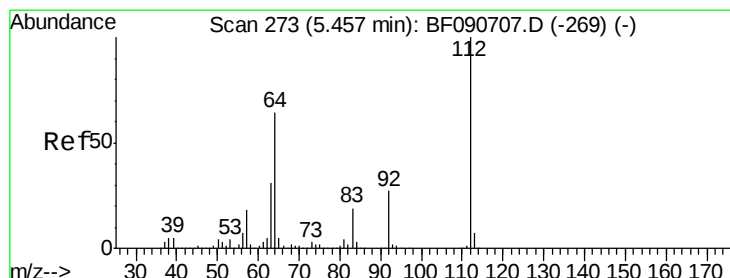
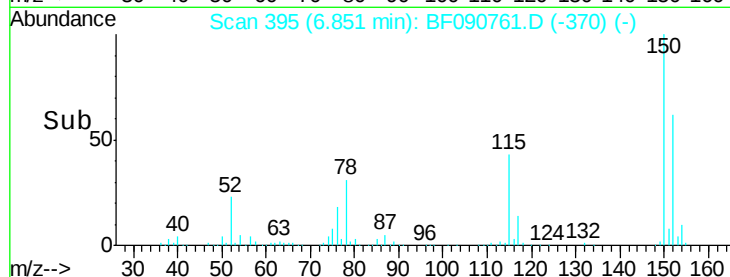
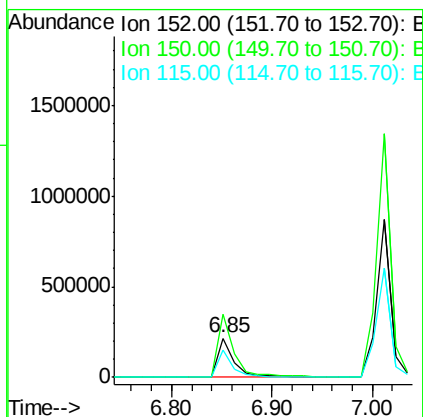
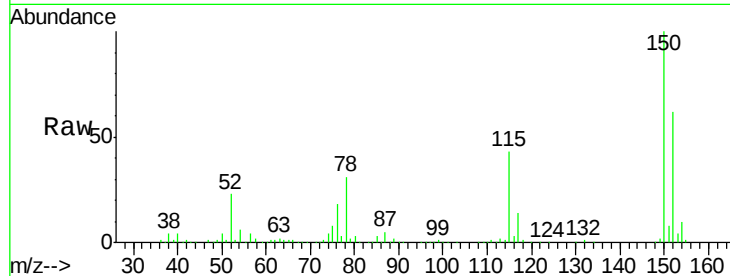


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090761.D
Acq: 22 Oct 2016 14:43

Instrument :
BNA_F
ClientSampleId :
MW-05I-102016

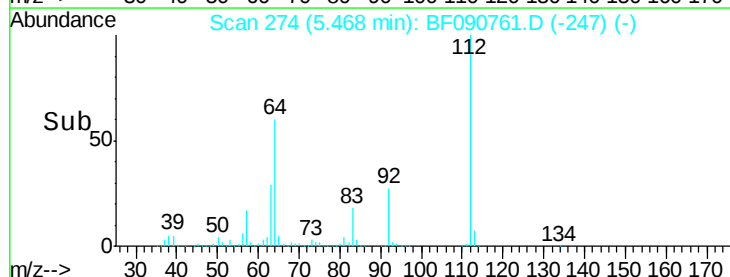
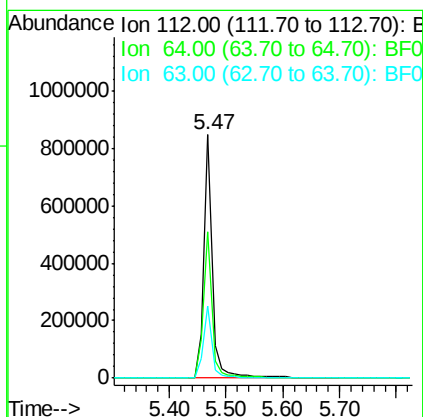
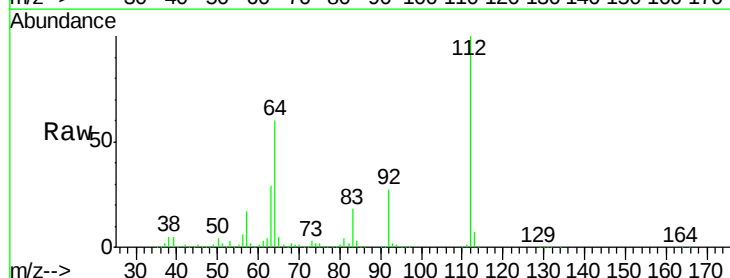
Tot Ion:152 Resp: 250671
Ion Ratio Lower Upper
152 100
150 161.4 124.7 187.1
115 69.4 39.0 58.4#

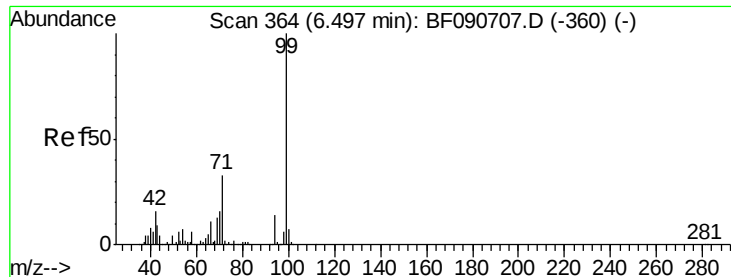


#5

2-Fluorophenol
Concen: 55.09 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090761.D
Acq: 22 Oct 2016 14:43

Tgt Ion:112 Resp: 856322
Ion Ratio Lower Upper
112 100
64 60.2 39.7 59.5#
63 29.4 17.4 26.0#





#7

Phenol-d6

Concen: 29.42 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090761.D

Acq: 22 Oct 2016 14:43

Instrument :

BNA_F

ClientSampleId :

MW-05I-102016

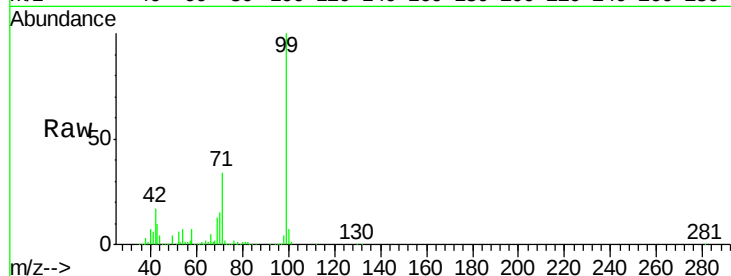
Tot Ion: 99 Resp: 619477

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

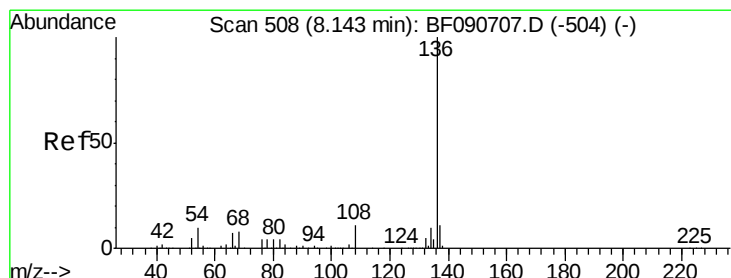
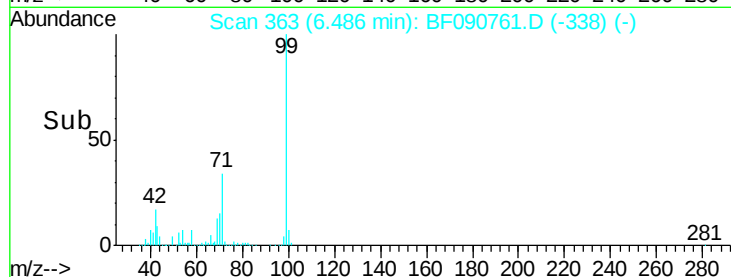
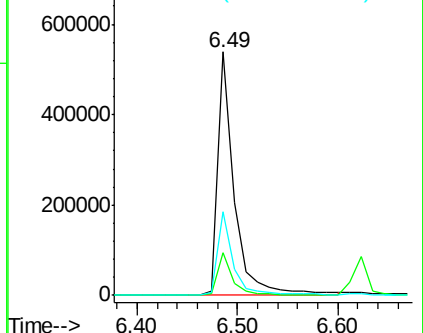
71 34.2 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090761.D

Acq: 22 Oct 2016 14:43

Tgt Ion: 136 Resp: 1043607

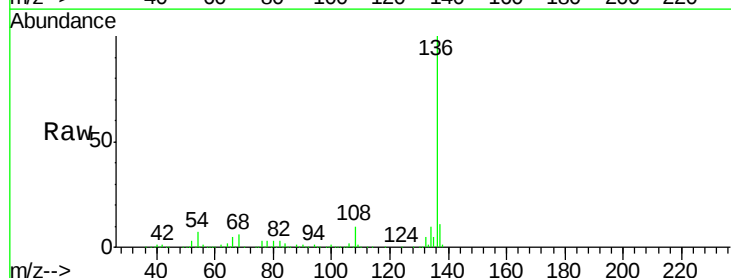
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.9 8.2 12.2#

68 6.4 5.8 8.6

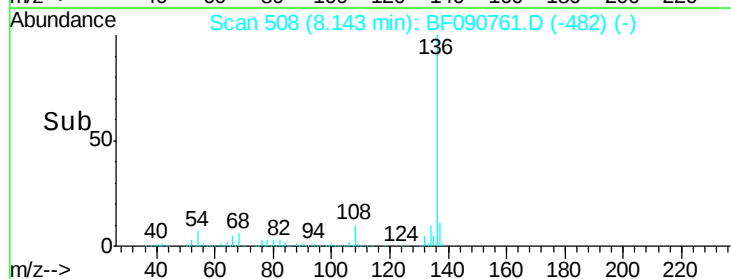
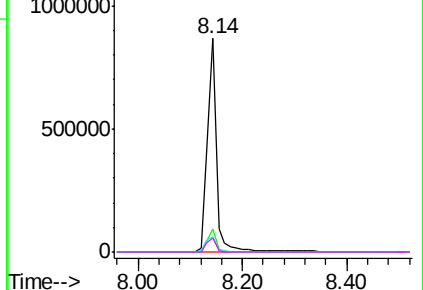


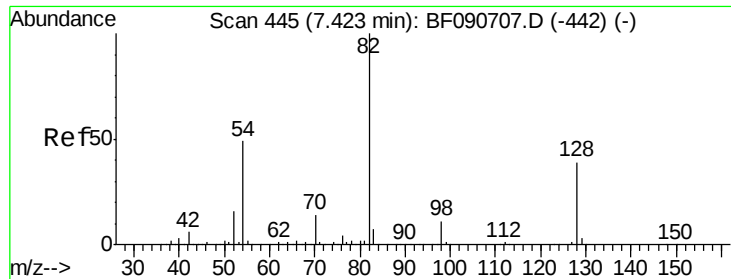
Abundance Ion 136.00 (135.70 to 136.70): E

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

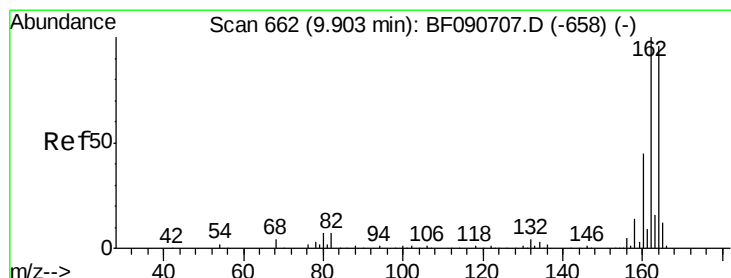
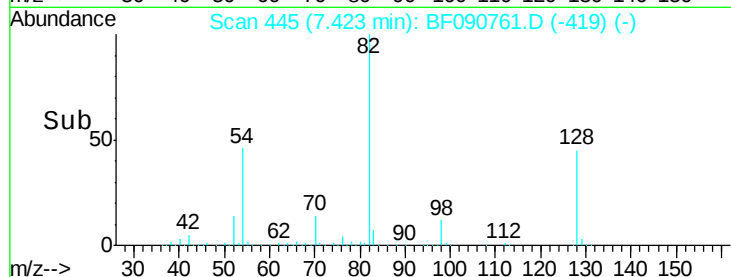
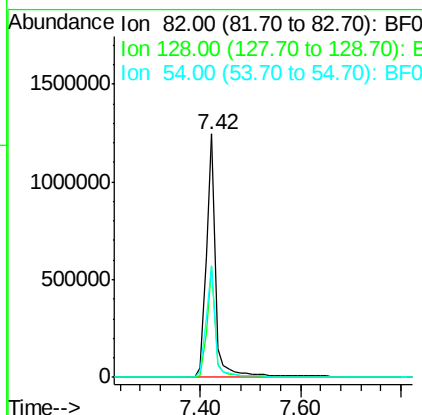
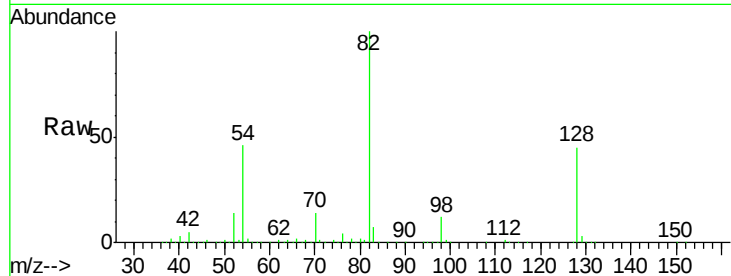




#23
Nitrobenzene-d5
Concen: 85.51 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090761.D
Acq: 22 Oct 2016 14:43

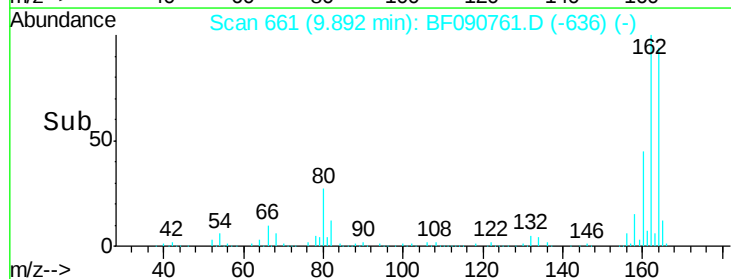
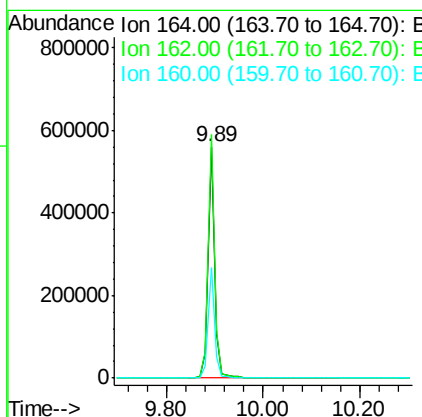
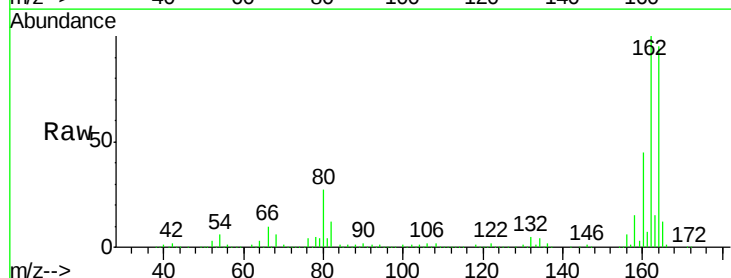
Instrument :
BNA_F
ClientSampleId :
MW-051-102016

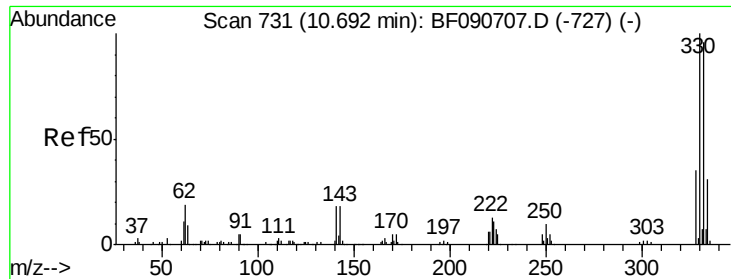
Tot Ion: 82 Resp: 1627077
Ion Ratio Lower Upper
82 100
128 45.3 51.0 76.6#
54 45.8 47.5 71.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090761.D
Acq: 22 Oct 2016 14:43

Tgt Ion:164 Resp: 528889
Ion Ratio Lower Upper
164 100
162 105.4 75.2 112.8
160 47.8 31.5 47.3#

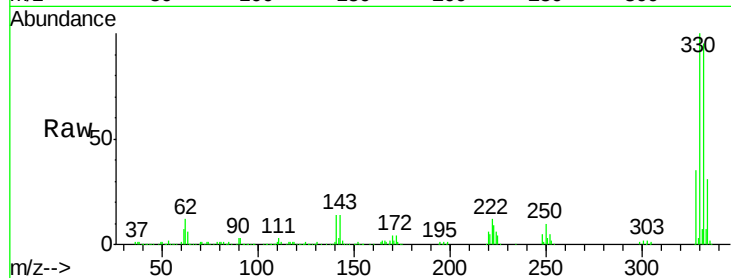




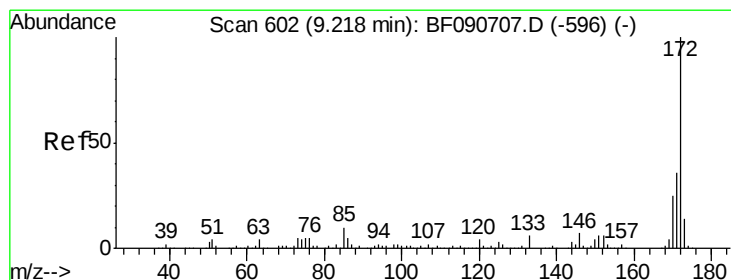
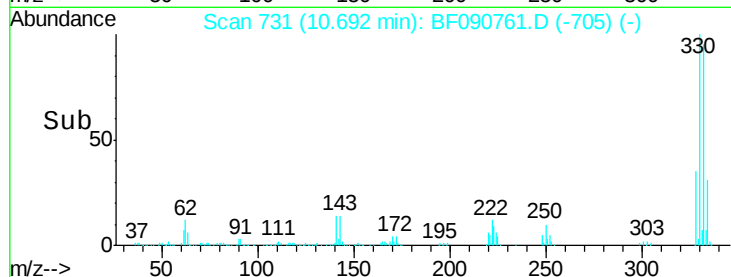
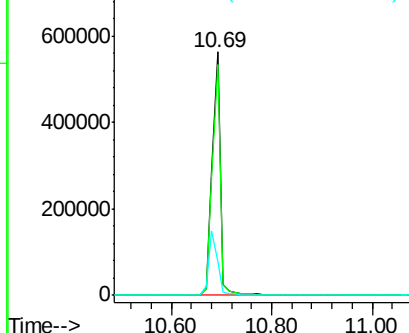
#41
 2,4,6-Tribromophenol
 Concen: 153.63 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090761.D
 Acq: 22 Oct 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-051-102016

Tot Ion:330 Resp: 643124
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 30.2 29.7 44.5

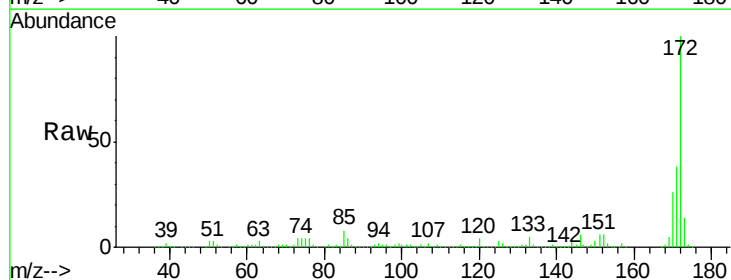


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

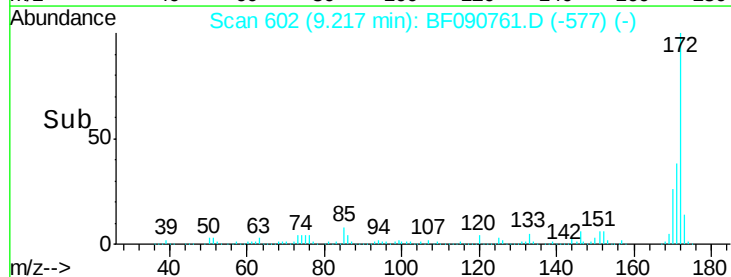
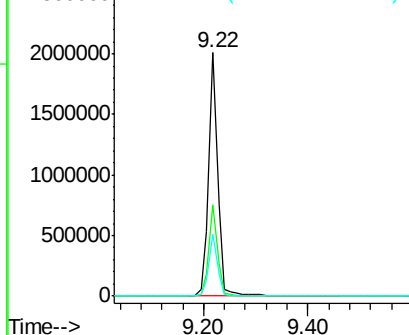


#44
 2-Fluorobiphenyl
 Concen: 72.11 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090761.D
 Acq: 22 Oct 2016 14:43

Tgt Ion:172 Resp: 2456802
 Ion Ratio Lower Upper
 172 100
 171 37.5 26.1 39.1
 170 25.6 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: 2.69 ng

RT: 9.61 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF090761.D

Acq: 22 Oct 2016 14:43

Instrument :

BNA_F

ClientSampleId :

MW-05I-102016

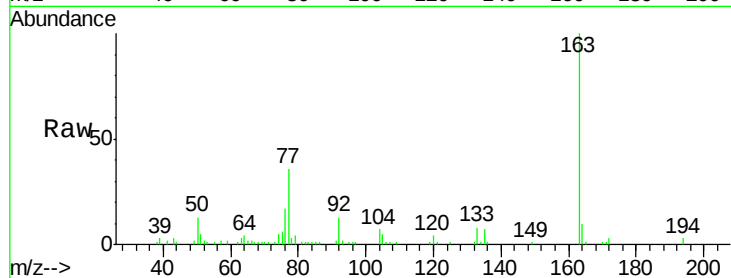
Tot Ion:163 Resp: 89425

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

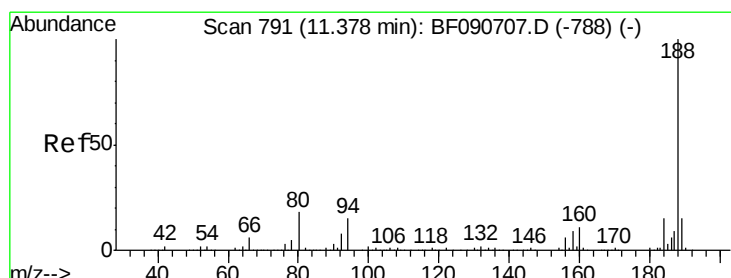
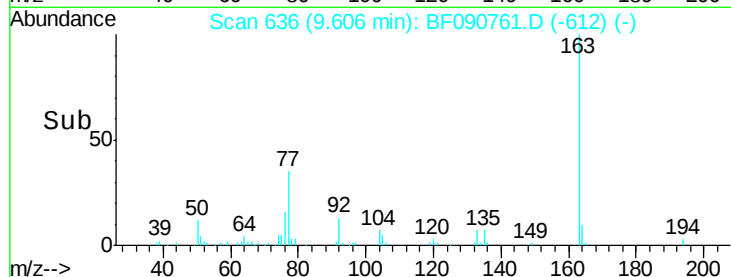
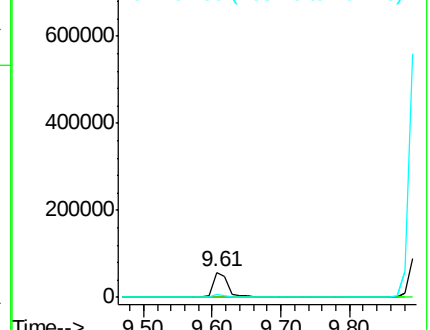
164 10.4 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF090761.D

Acq: 22 Oct 2016 14:43

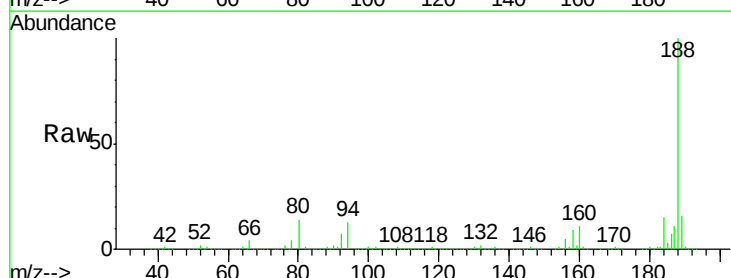
Tgt Ion:188 Resp: 805351

Ion Ratio Lower Upper

188 100

94 13.0 11.1 16.7

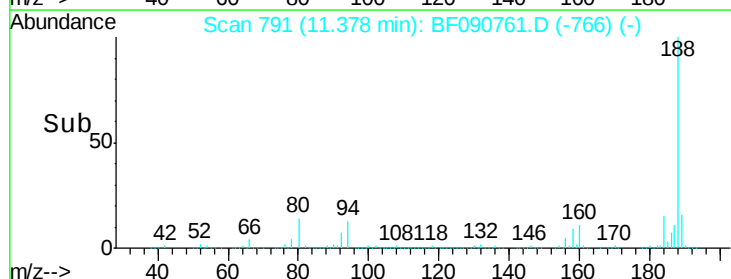
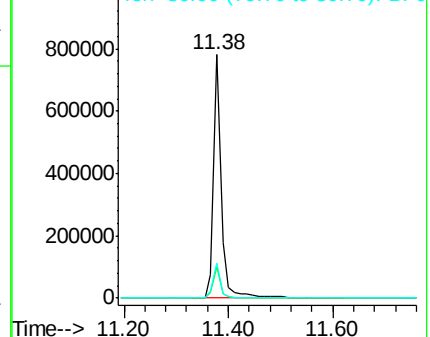
80 14.5 11.0 16.4



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: BF090761.D

Acq: 22 Oct 2016 14:43

Instrument :

BNA_F

ClientSampleId :

MW-051-102016

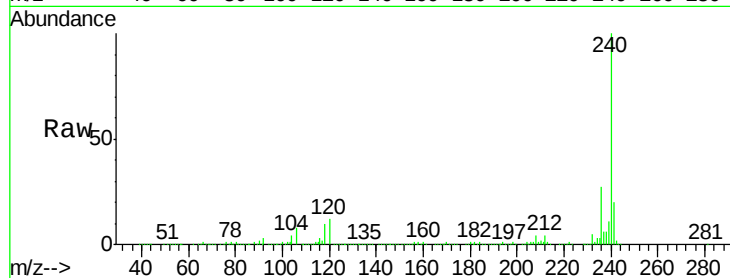
Tot Ion:240 Resp: 493528

Ion Ratio Lower Upper

240 100

120 11.8 16.2 24.2#

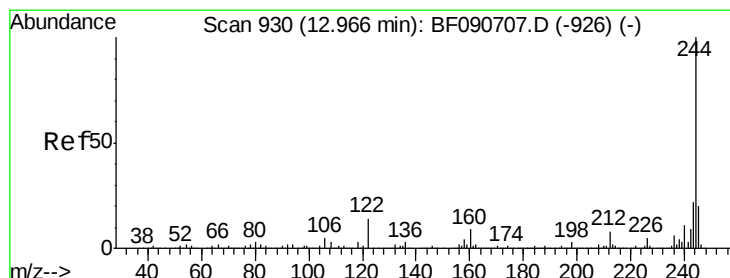
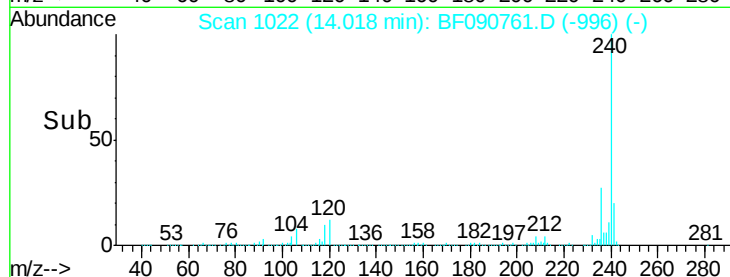
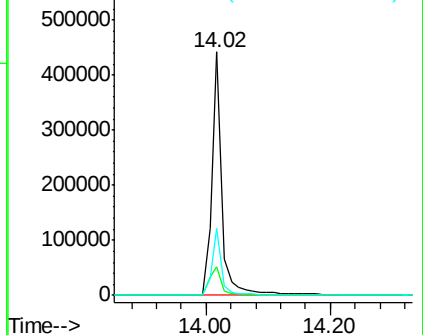
236 27.3 18.4 27.6



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: 105.25 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090761.D

Acq: 22 Oct 2016 14:43

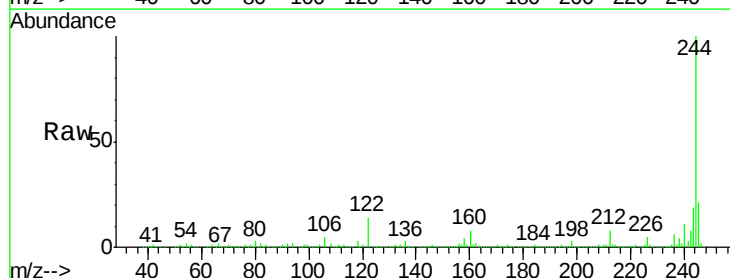
Tgt Ion:244 Resp: 2266342

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

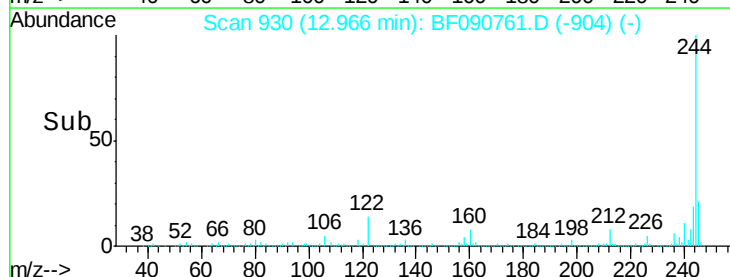
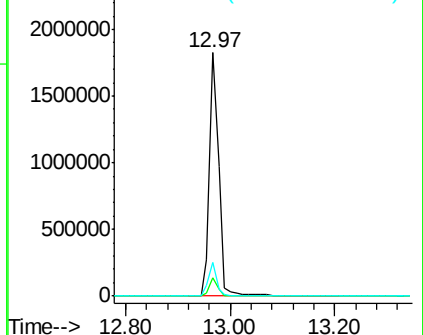
122 13.9 17.4 26.2#

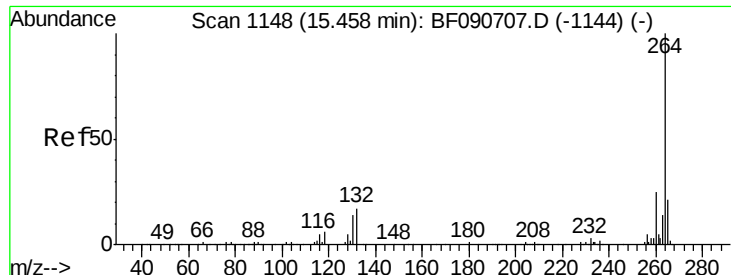


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

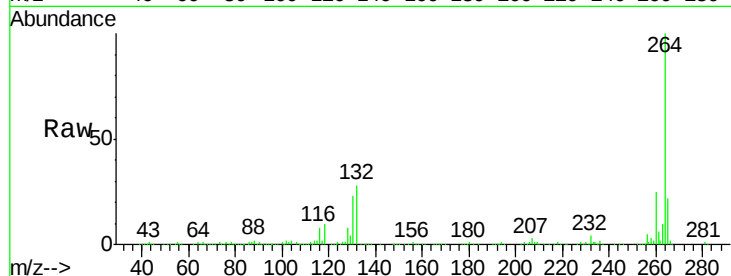




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090761.D
 Acq: 22 Oct 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-05I-102016

Tot Ion: 264 Resp: 361060
 Ion Ratio Lower Upper
 264 100
 260 24.9 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

