

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090752.D
 Acq On : 22 Oct 2016 10:36
 Operator : UM/SJ
 Sample : H5367-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-031-101916

Quant Time: Oct 24 01:23:38 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	252547	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1081014	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	553144	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	920828	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	696743	20.00	ng	0.00
86) Perylene-d12	15.45	264	484788	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	947042	60.48	ng	0.01
7) Phenol-d6	6.49	99	723168	34.09	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1677525	85.11	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	745818	170.35	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2662561	74.72	ng	-0.01
78) Terphenyl-d14	12.98	244	2945045	96.87	ng	0.01

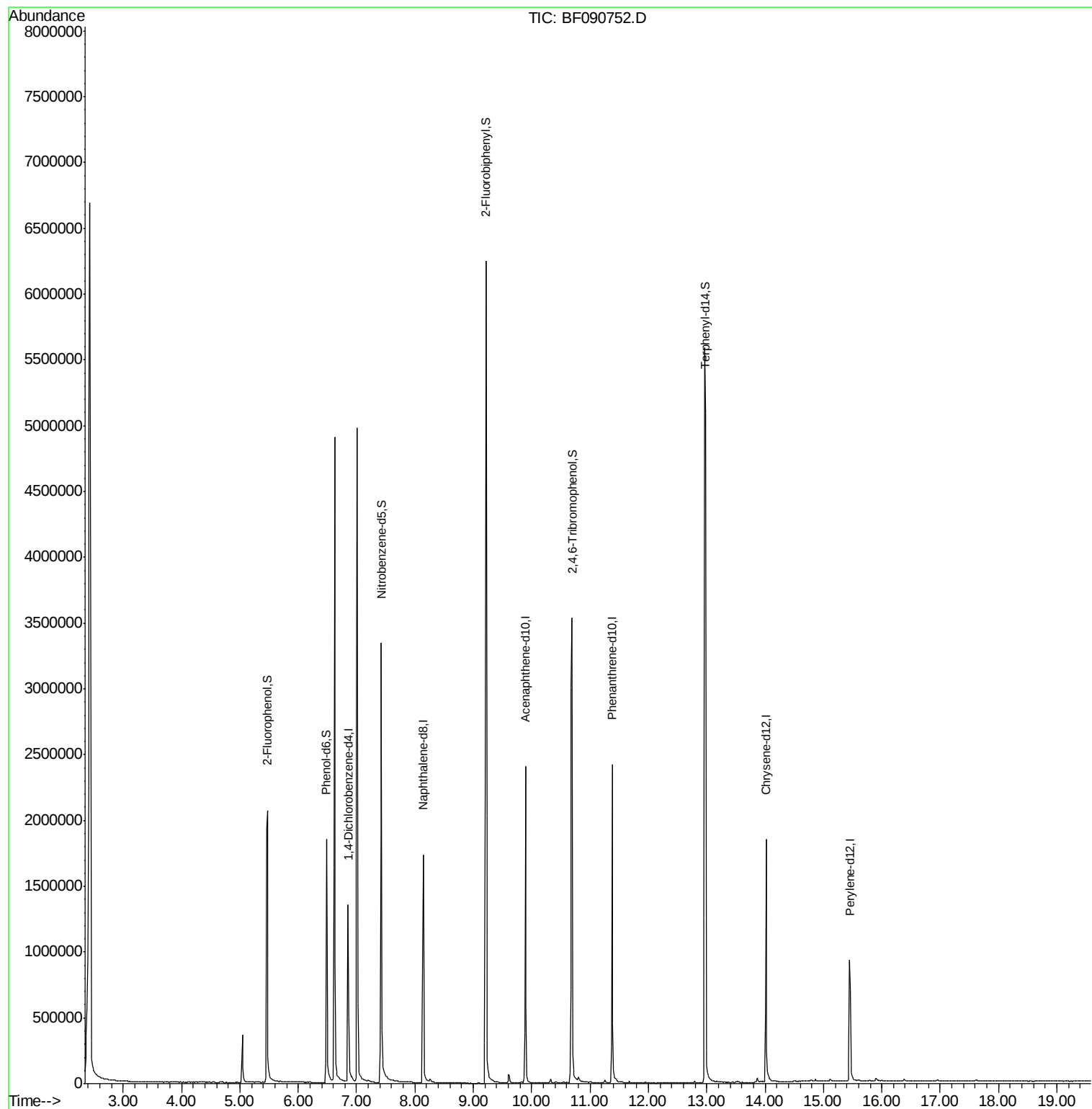
Target Compounds Qvalue

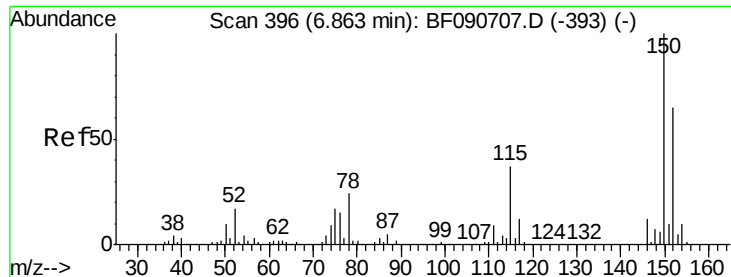
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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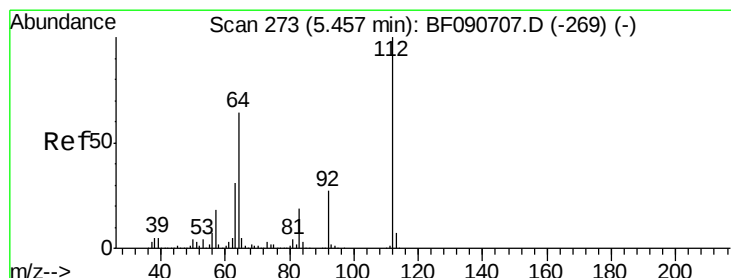
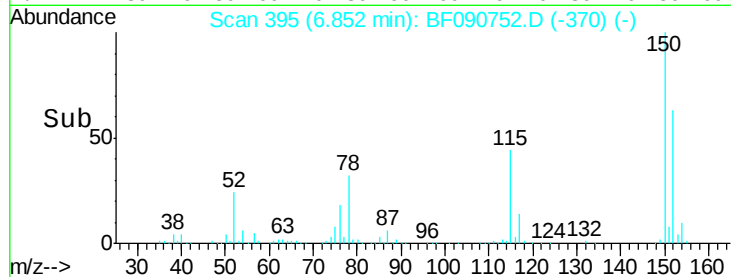
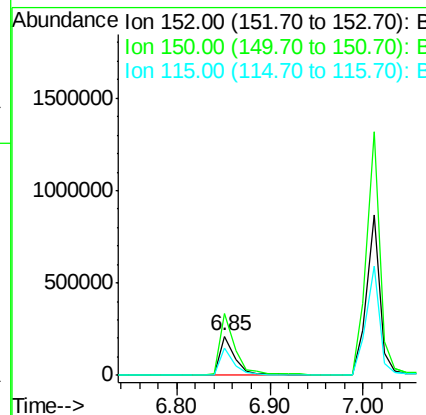
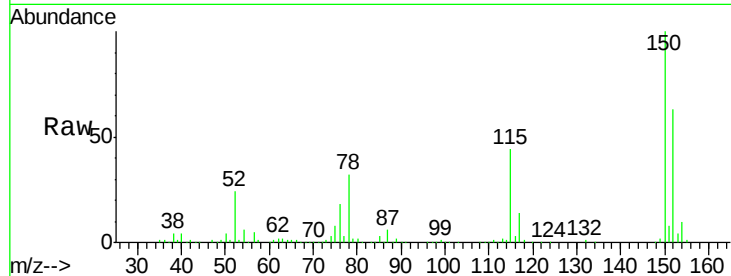


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

Instrument :
BNA_F
ClientSampleId :
MW-03I-101916

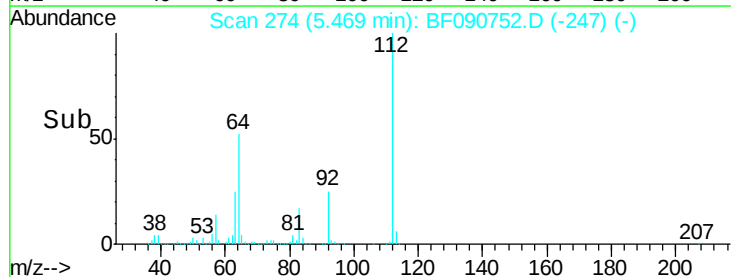
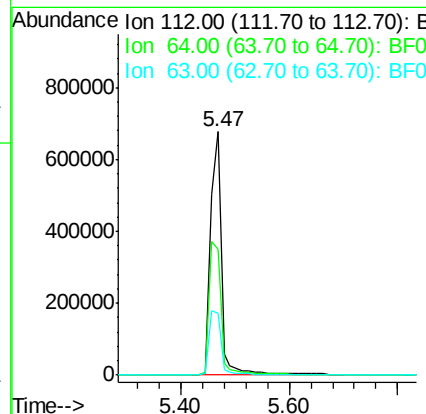
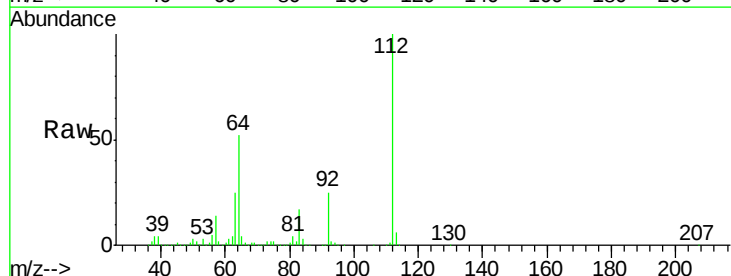
Tot Ion:152 Resp: 252547
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 69.9 39.0 58.4#

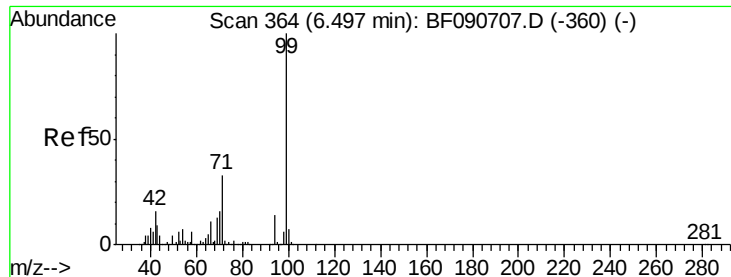


#5

2-Fluorophenol
Concen: 60.48 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

Tgt Ion:112 Resp: 947042
Ion Ratio Lower Upper
112 100
64 51.9 39.7 59.5
63 25.2 17.4 26.0





#7

Phenol-d6

Concen: 34.09 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090752.D

Acq: 22 Oct 2016 10:36

Instrument :

BNA_F

ClientSampleId :

MW-03I-101916

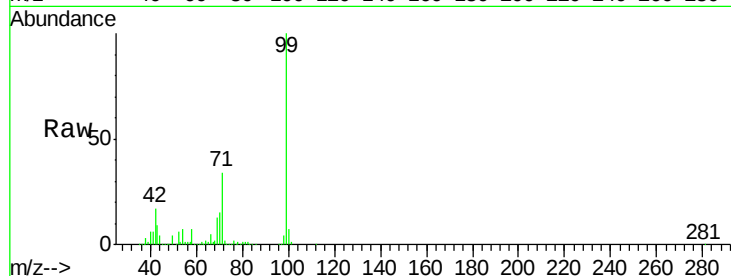
Tot Ion: 99 Resp: 723168

Ion Ratio Lower Upper

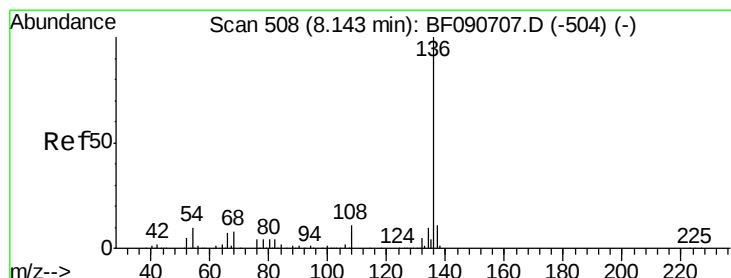
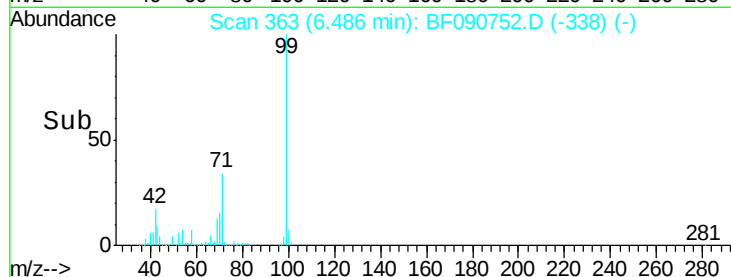
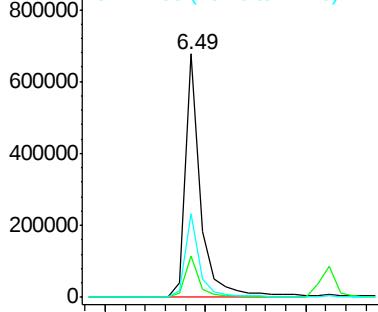
99 100

42 17.1 13.7 20.5

71 34.3 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: BF090752.D

Acq: 22 Oct 2016 10:36

Tgt Ion: 136 Resp: 1081014

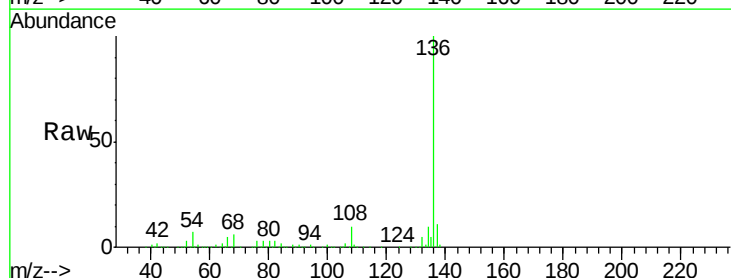
Ion Ratio Lower Upper

136 100

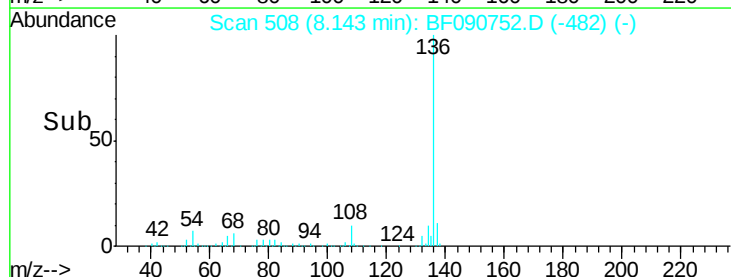
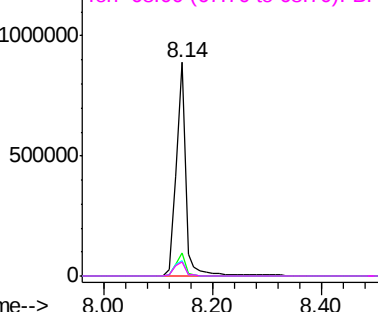
137 10.9 9.0 13.6

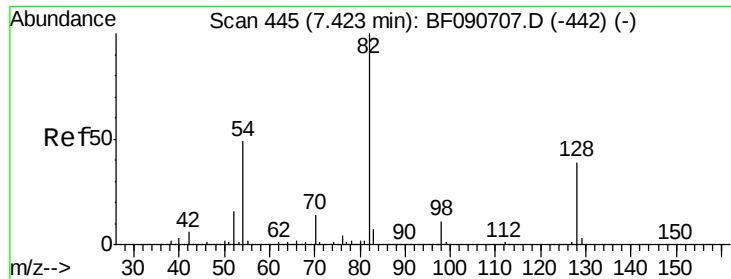
54 7.0 8.2 12.2#

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: 85.11 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090752.D

Acq: 22 Oct 2016 10:36

Instrument :

BNA_F

ClientSampleId :

MW-03I-101916

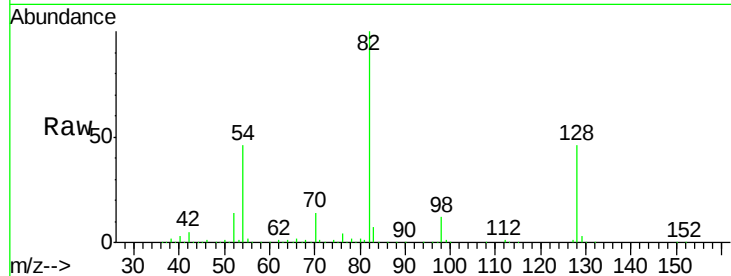
Tot Ion: 82 Resp: 1677525

Ion Ratio Lower Upper

82 100

128 46.0 51.0 76.6#

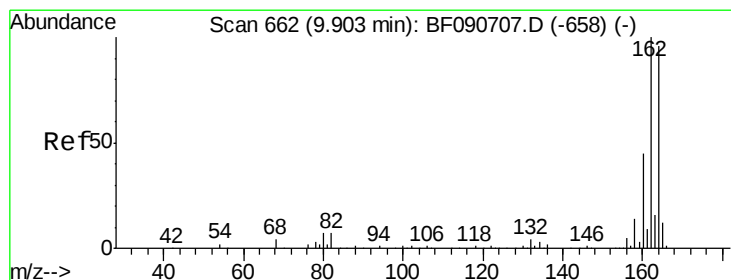
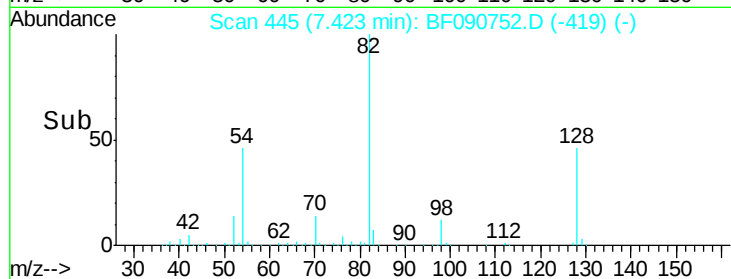
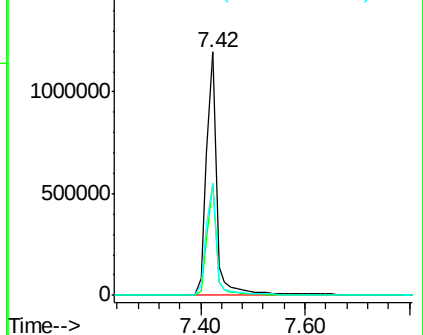
54 45.7 47.5 71.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF090752.D

Acq: 22 Oct 2016 10:36

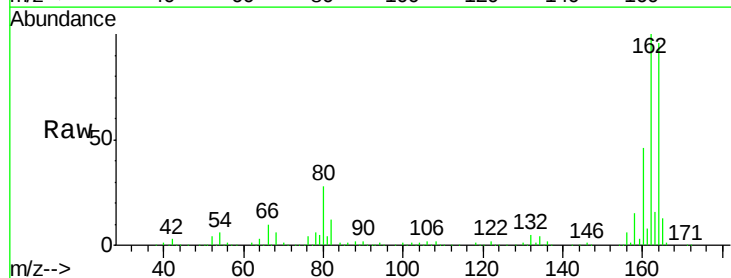
Tgt Ion:164 Resp: 553144

Ion Ratio Lower Upper

164 100

162 103.8 75.2 112.8

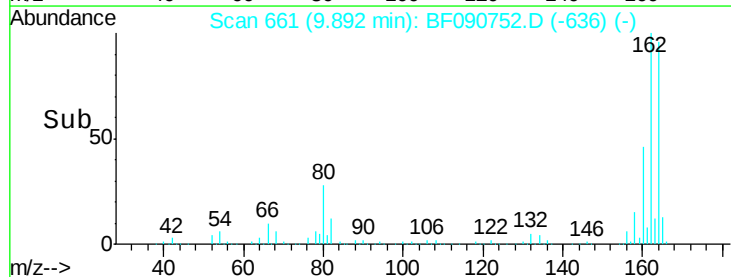
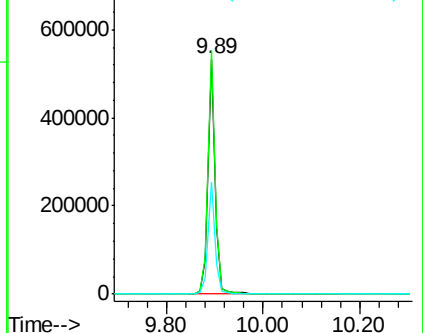
160 47.5 31.5 47.3#

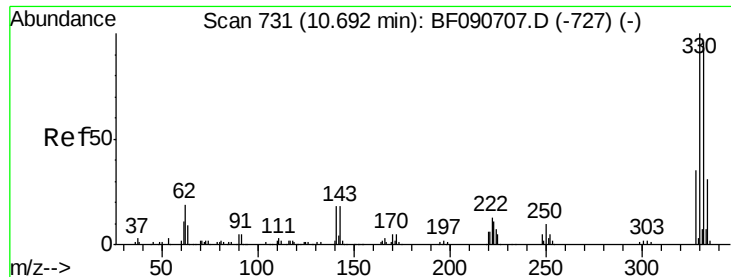


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

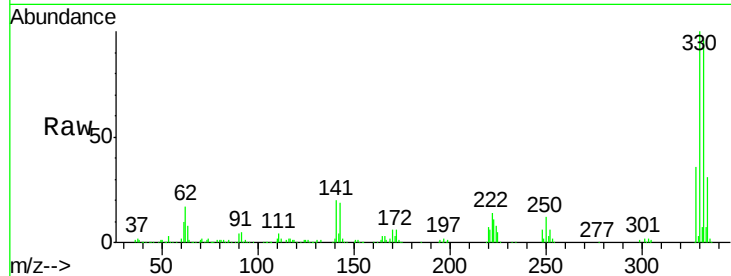




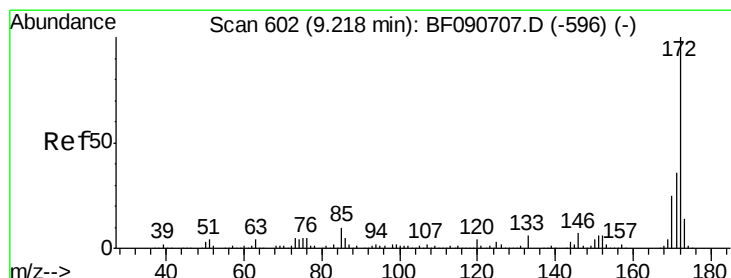
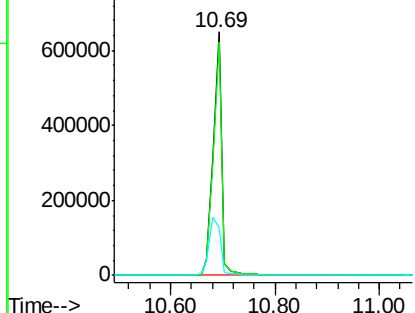
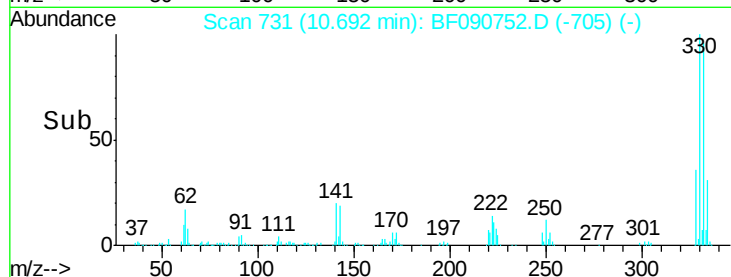
#41
 2,4,6-Tribromophenol
 Concen: 170.35 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090752.D
 Acq: 22 Oct 2016 10:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-031-101916

Tot Ion:330 Resp: 745818
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 32.7 29.7 44.5

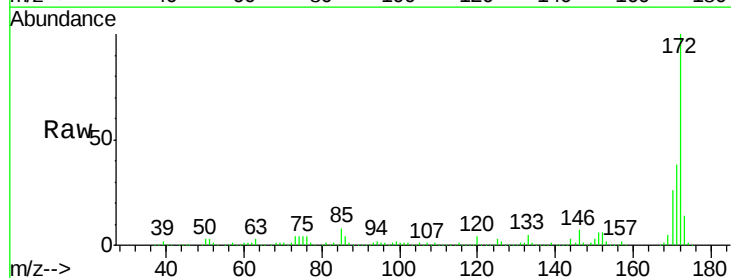


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

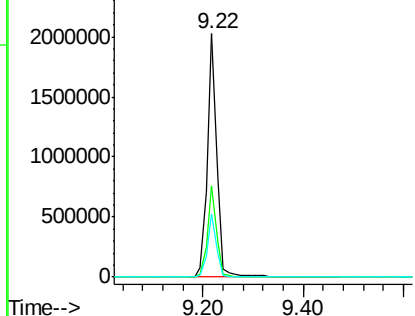
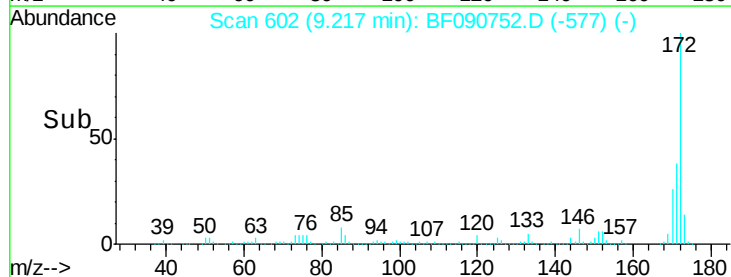


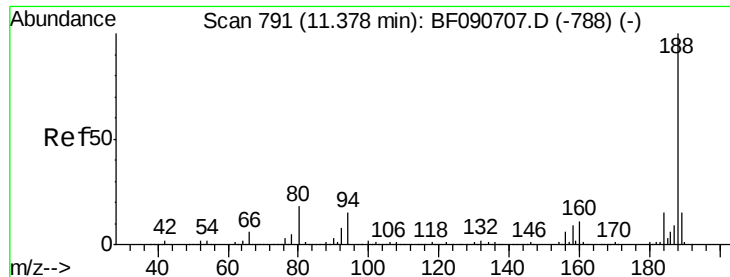
#44
 2-Fluorobiphenyl
 Concen: 74.72 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090752.D
 Acq: 22 Oct 2016 10:36

Tgt Ion:172 Resp: 2662561
 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

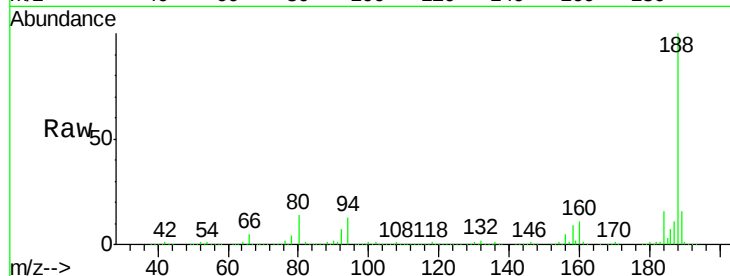




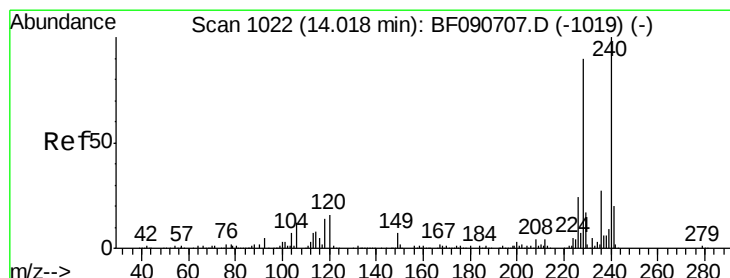
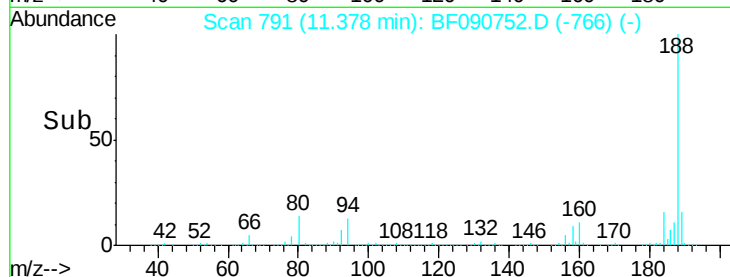
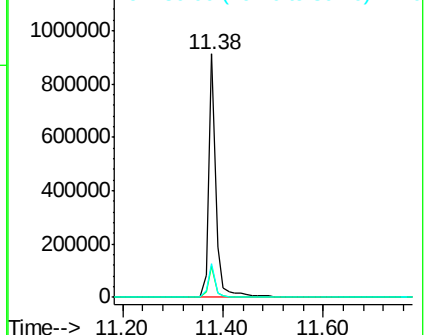
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

Instrument :
BNA_F
ClientSampleId :
MW-03I-101916

Tot Ion:188 Resp: 920828
Ion Ratio Lower Upper
188 100
94 12.6 11.1 16.7
80 14.1 11.0 16.4

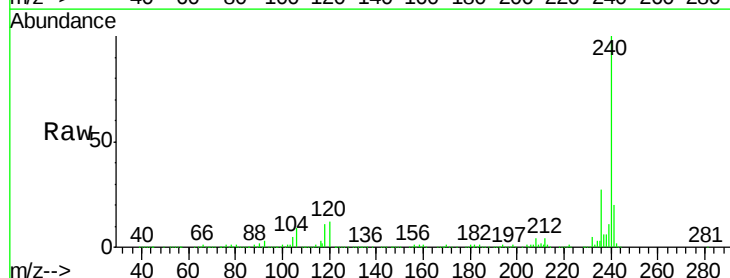


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

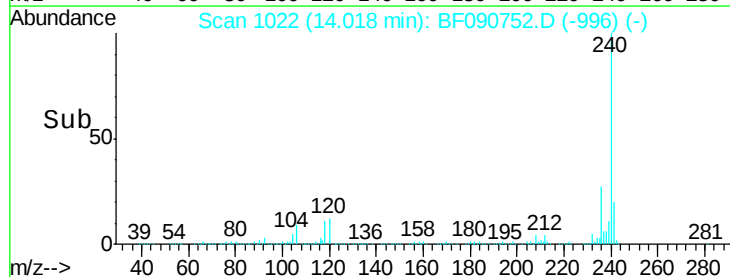
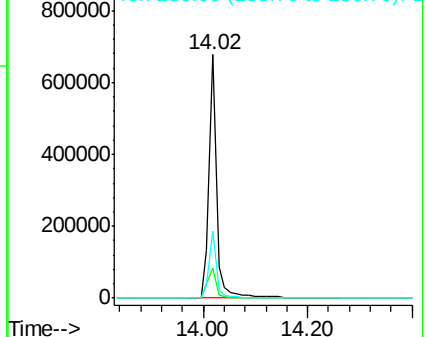


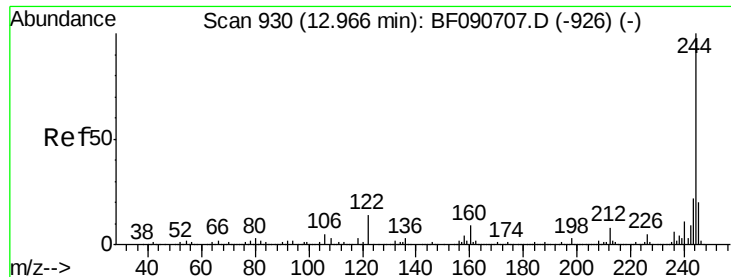
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

Tgt Ion:240 Resp: 696743
Ion Ratio Lower Upper
240 100
120 12.2 16.2 24.2#
236 27.4 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

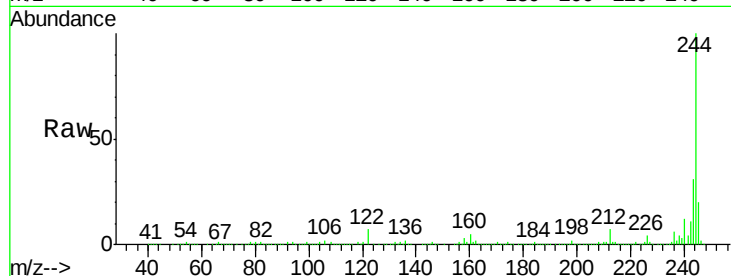




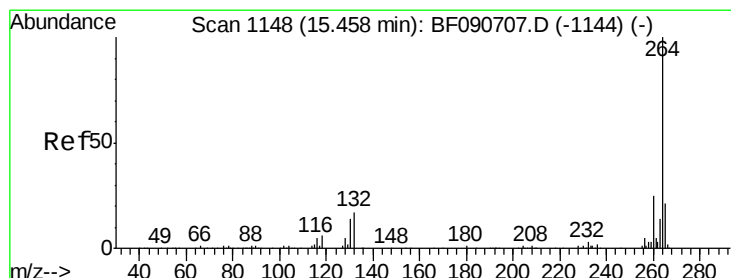
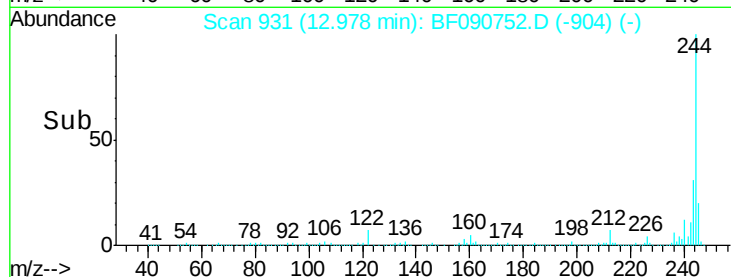
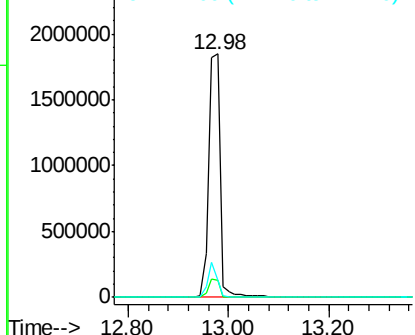
#78
 Terphenyl-d14
 Concen: 96.87 ng
 RT: 12.98 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF090752.D
 Acq: 22 Oct 2016 10:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-03I-101916

Tot Ion:244 Resp: 2945045
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.3 6.5#
 122 7.0 17.4 26.2#

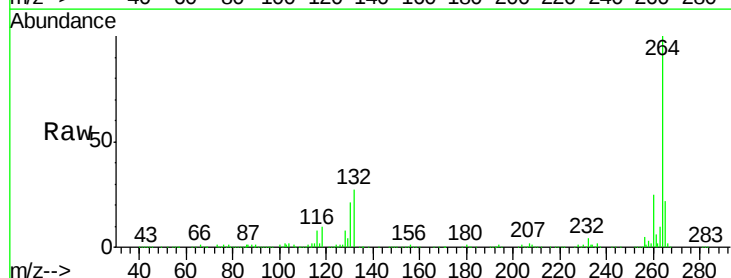


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090752.D
 Acq: 22 Oct 2016 10:36

Tgt Ion:264 Resp: 484788
 Ion Ratio Lower Upper
 264 100
 260 25.4 16.7 25.1#
 265 22.1 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

