

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091172.D
 Acq On : 15 Nov 2016 11:41
 Operator : UM/SJ
 Sample : H5643-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-111016

Quant Time: Nov 16 10:40:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

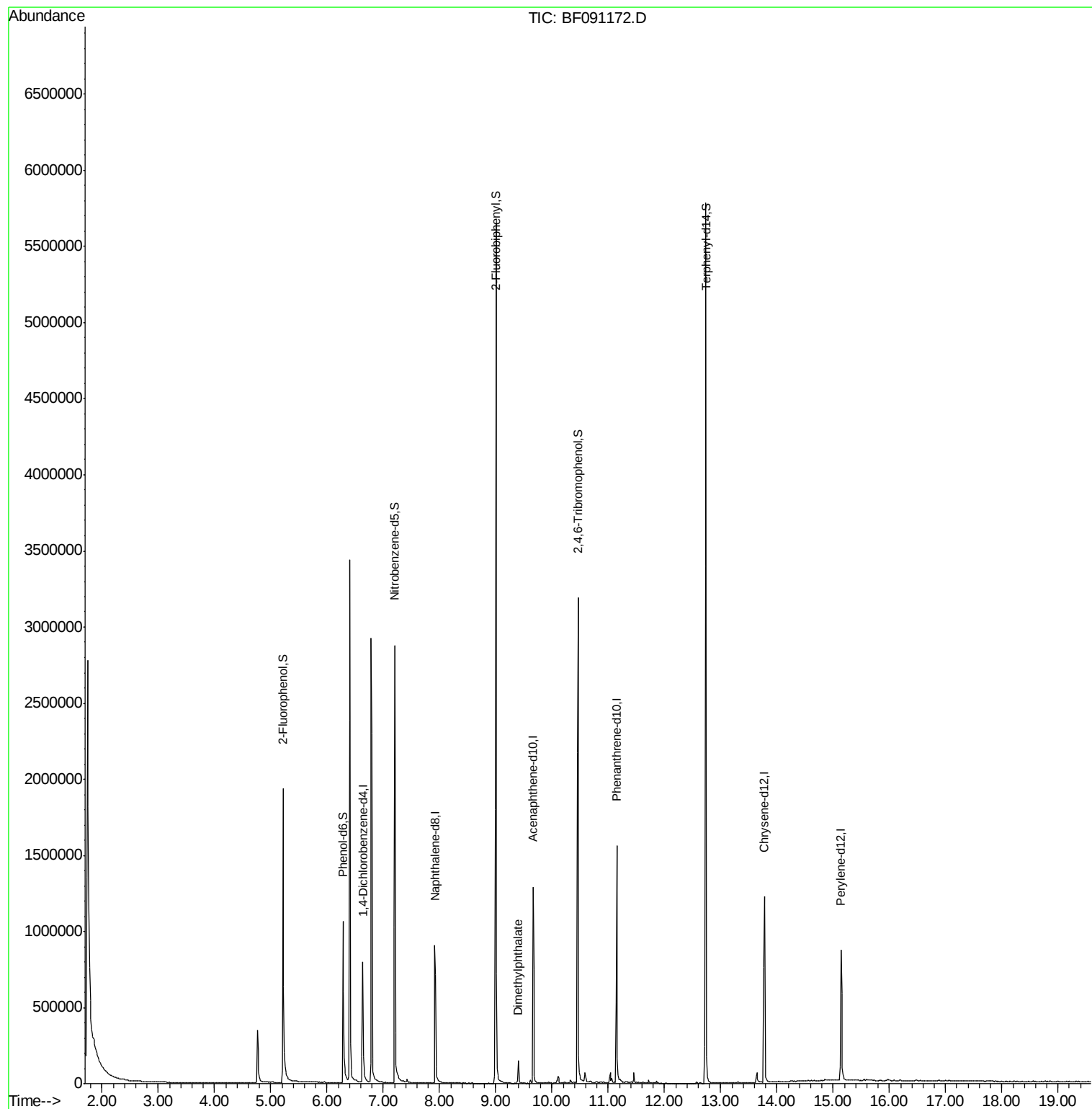
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	149561	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	655328	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	344391	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	634505	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	528671	20.00	ng	-0.03
86) Perylene-d12	15.14	264	403135	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	661828	73.08	ng	-0.02
7) Phenol-d6	6.28	99	528106	42.96	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1182176	98.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	551185	177.03	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1918505	95.91	ng	-0.03
78) Terphenyl-d14	12.74	244	2166136	102.25	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.40	163	65207	2.89	ng	Qvalue 98

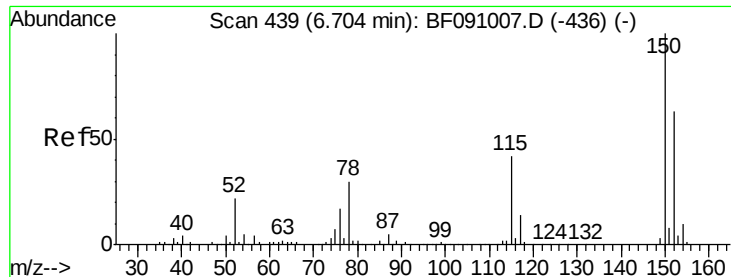
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

MW-3-111016

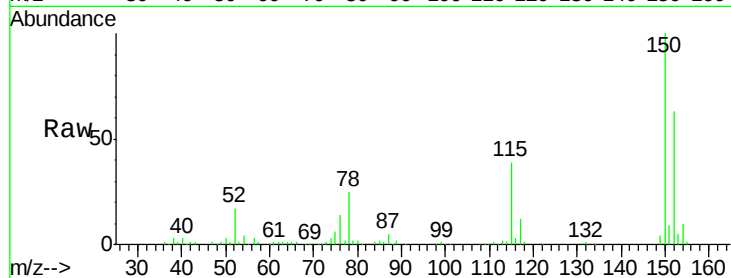
Tot Ion:152 Resp: 149561

Ion Ratio Lower Upper

152 100

150 158.4 126.8 190.2

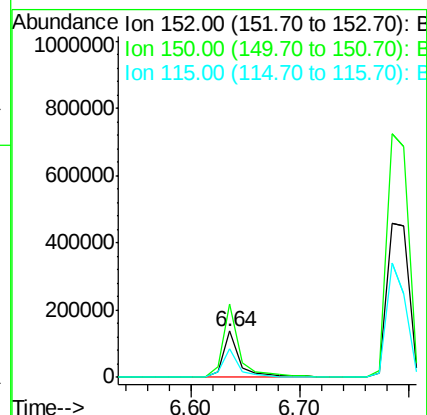
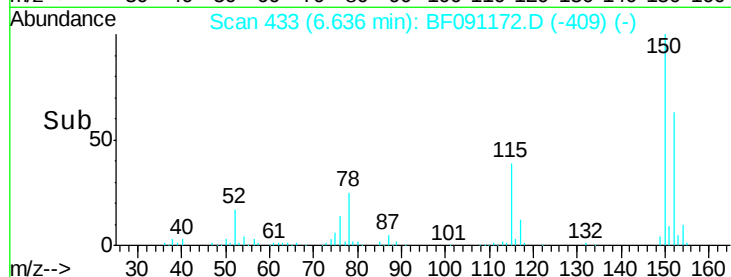
115 61.6 53.3 79.9



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: 73.08 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

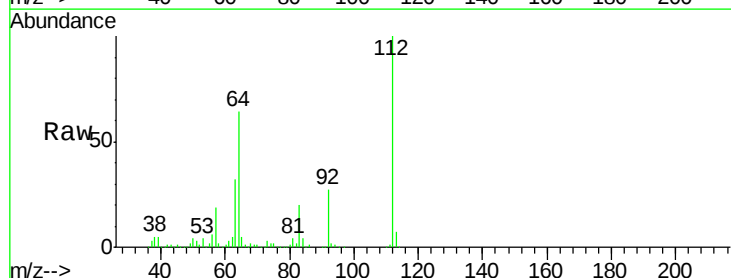
Tgt Ion:112 Resp: 661828

Ion Ratio Lower Upper

112 100

64 63.8 55.8 83.6

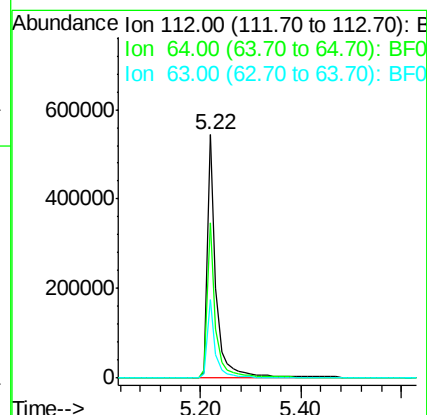
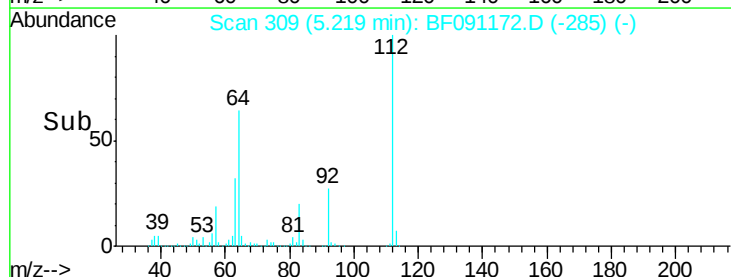
63 32.4 28.0 42.0



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: 42.96 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

MW-3-111016

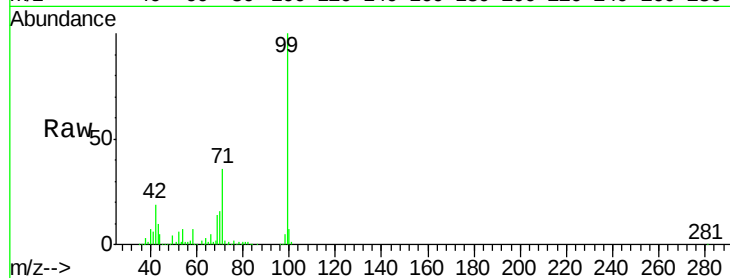
Tot Ion: 99 Resp: 528106

Ion Ratio Lower Upper

99 100

42 18.8 13.9 20.9

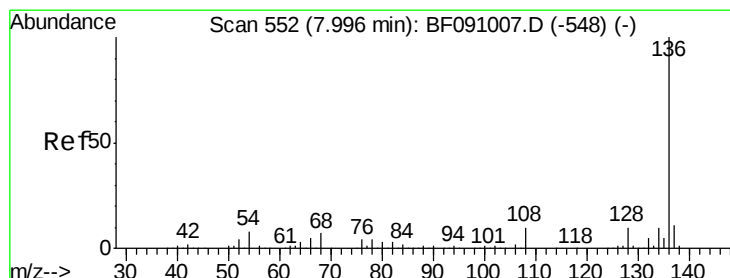
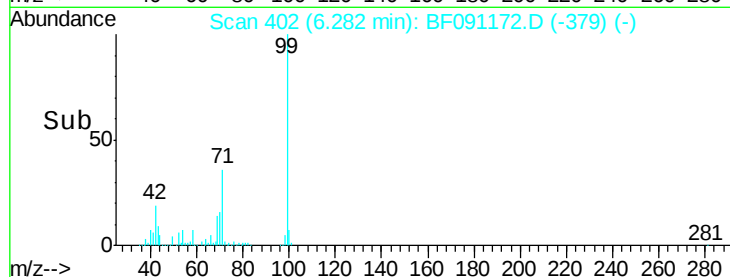
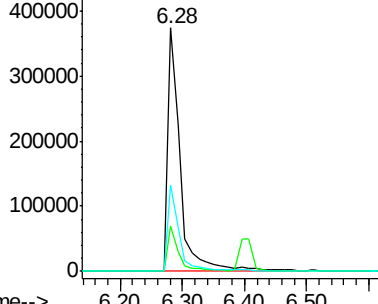
71 35.6 27.8 41.8



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: 7.92 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

Tgt Ion: 136 Resp: 655328

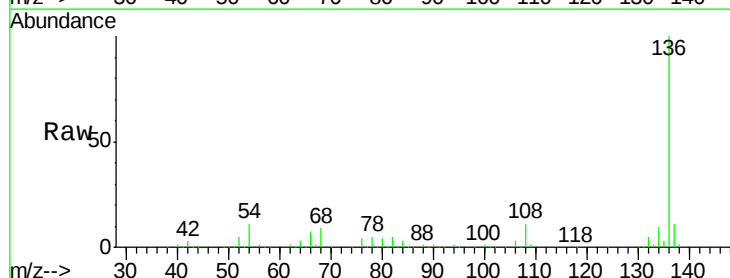
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.6 6.2 9.2#

68 9.1 5.5 8.3#

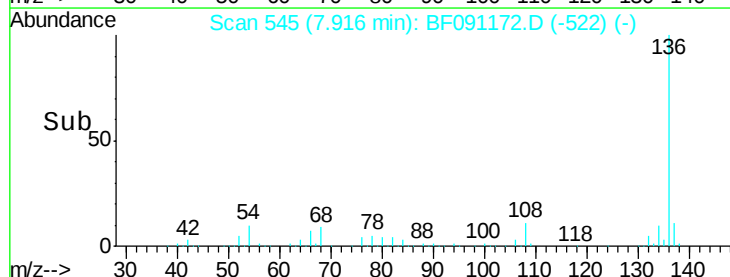
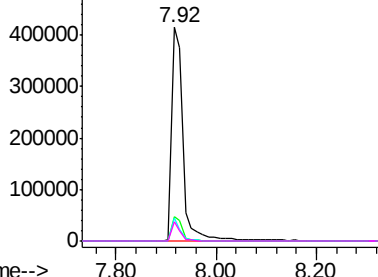


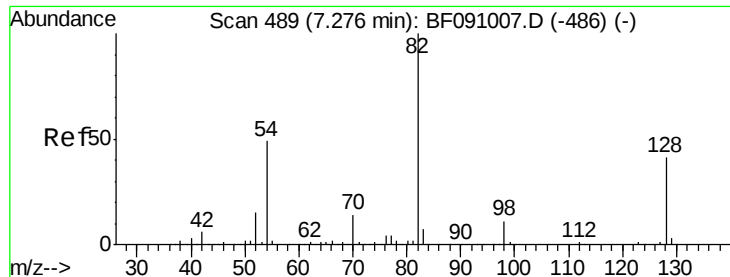
Abundance Ion 136.00 (135.70 to 136.70): E

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

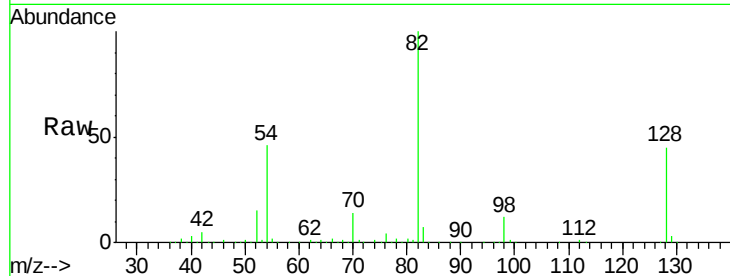




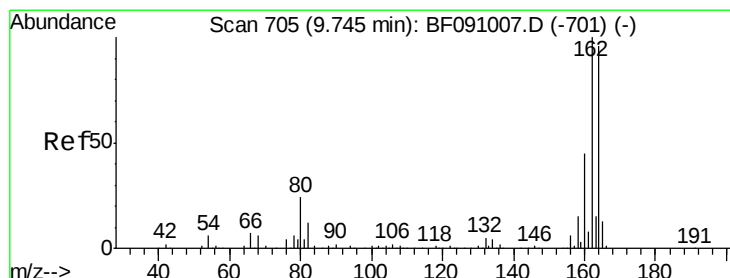
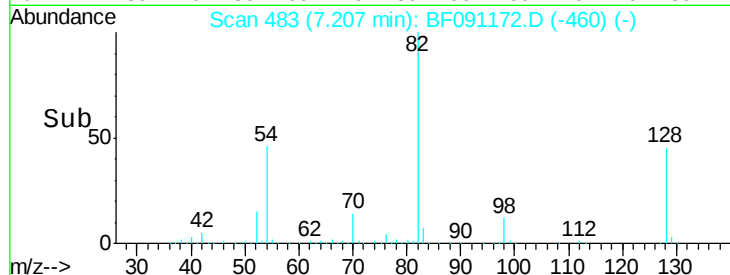
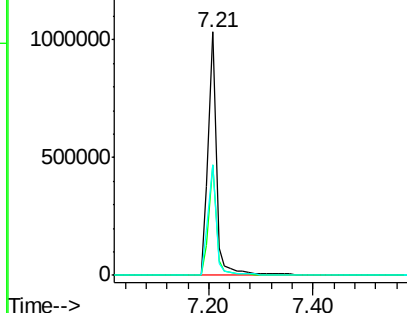
#23
 Nitrobenzene-d5
 Concen: 98.41 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-111016

Tot Ion: 82 Resp: 1182176
 Ion Ratio Lower Upper
 82 100
 128 45.2 32.4 48.6
 54 45.6 39.2 58.8

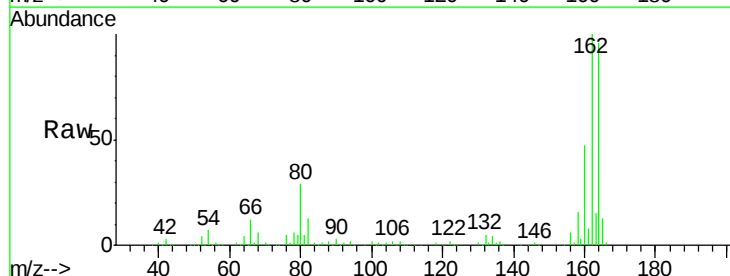


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

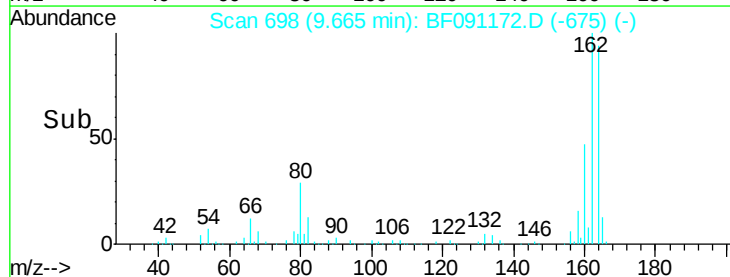
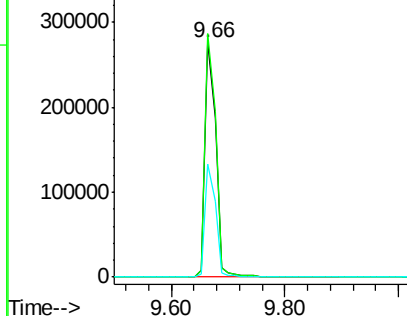


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

Tgt Ion:164 Resp: 344391
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.6 125.4
 160 48.4 37.9 56.9



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

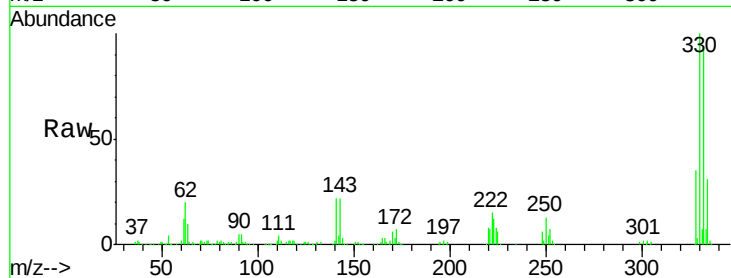




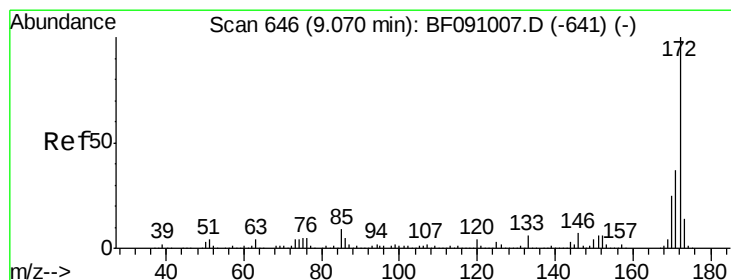
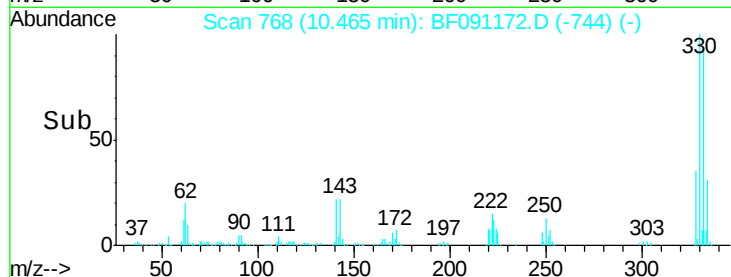
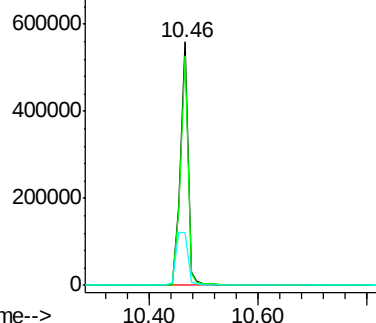
#41
 2,4,6-Tribromophenol
 Concen: 177.03 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-111016

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.9	113.9
141	33.9	36.1	54.1

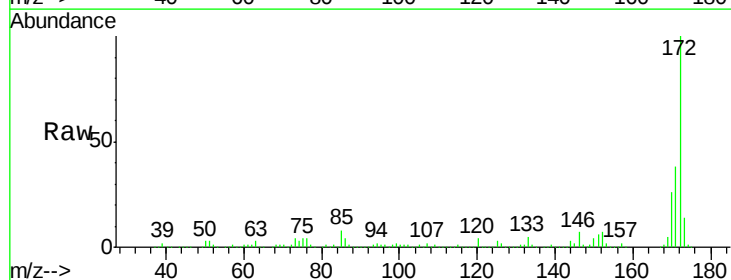


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

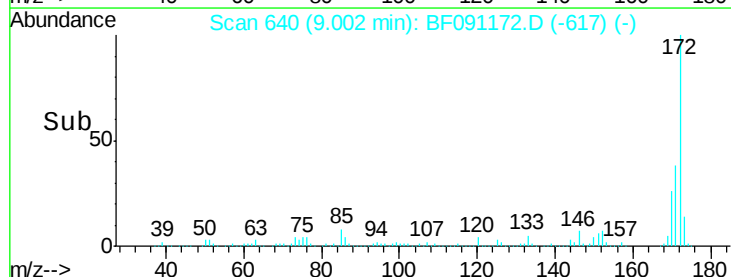
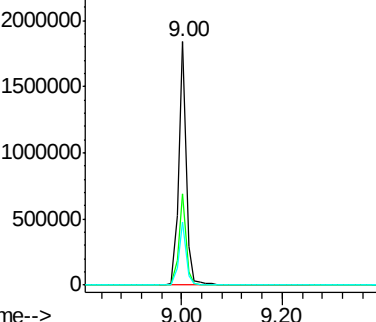


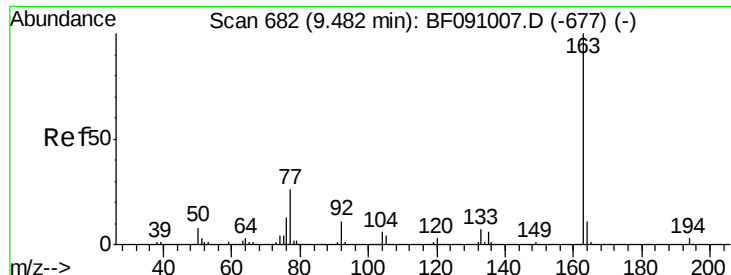
#44
 2-Fluorobiphenyl
 Concen: 95.91 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	26.0	20.3	30.5



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

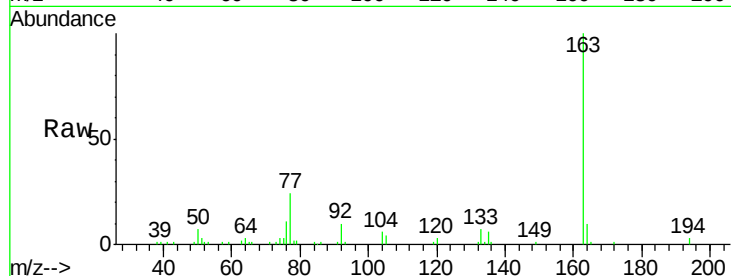




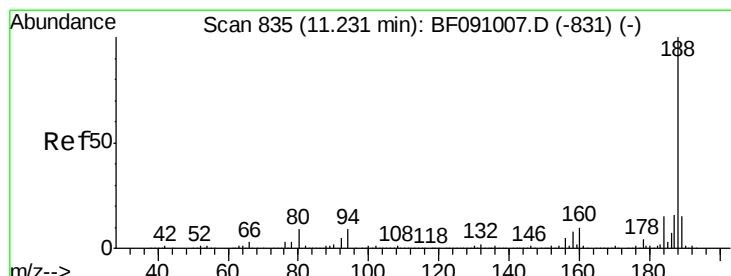
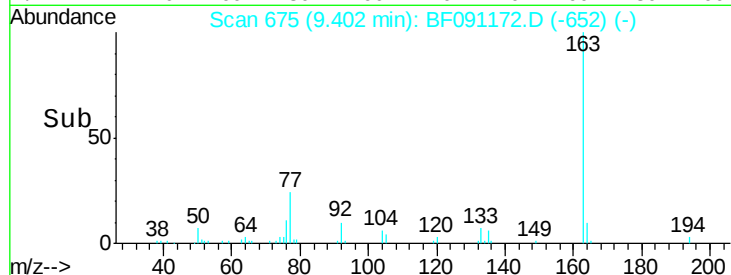
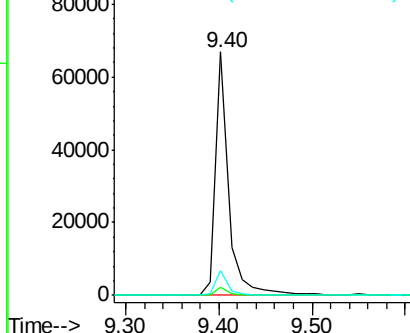
#49
Dimethylphthalate
Concen: 2.89 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091172.D
Acq: 15 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
MW-3-111016

Tot Ion:163 Resp: 65207
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.0 8.7 13.1

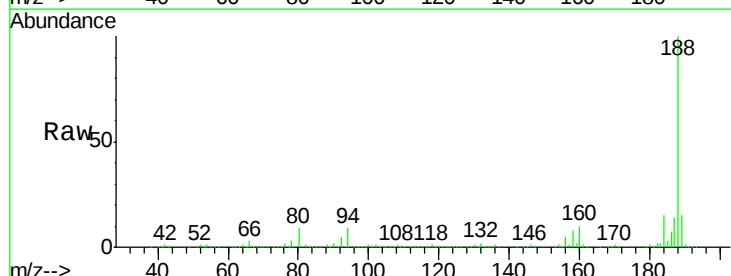


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

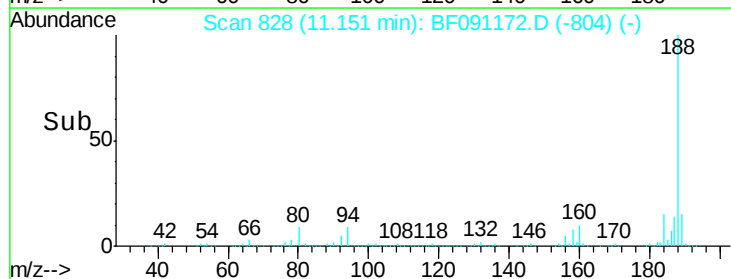
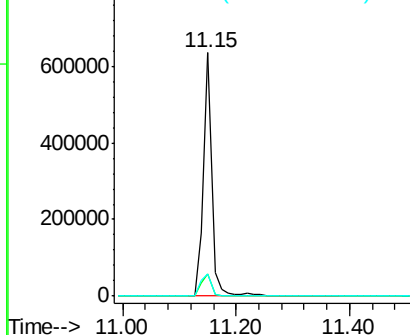


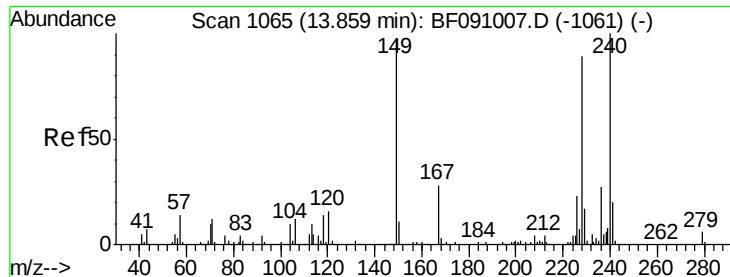
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091172.D
Acq: 15 Nov 2016 11:41

Tgt Ion:188 Resp: 634505
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.3 7.5 11.3



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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

MW-3-111016

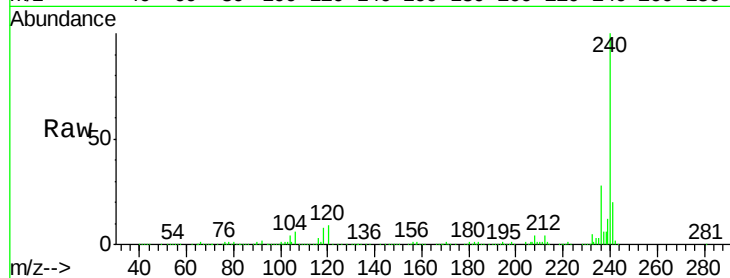
Tot Ion:240 Resp: 528671

Ion Ratio Lower Upper

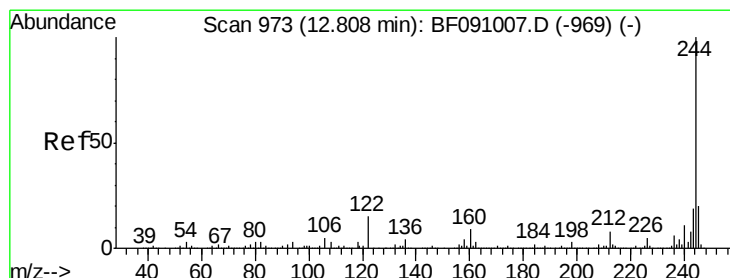
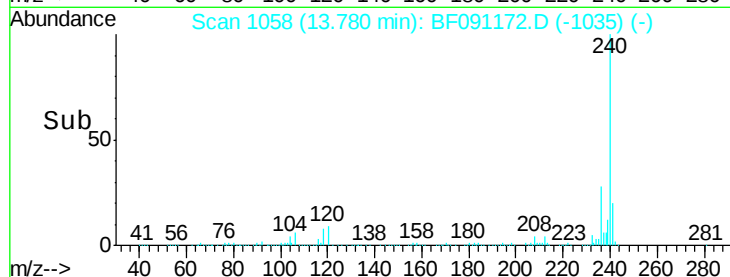
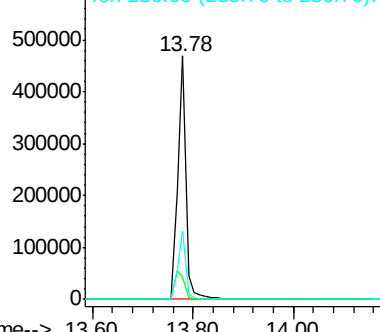
240 100

120 9.4 12.9 19.3#

236 27.8 21.9 32.9



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: 102.25 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091172.D

Acq: 15 Nov 2016 11:41

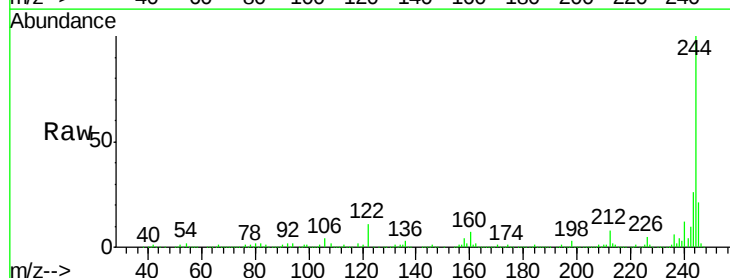
Tgt Ion:244 Resp: 2166136

Ion Ratio Lower Upper

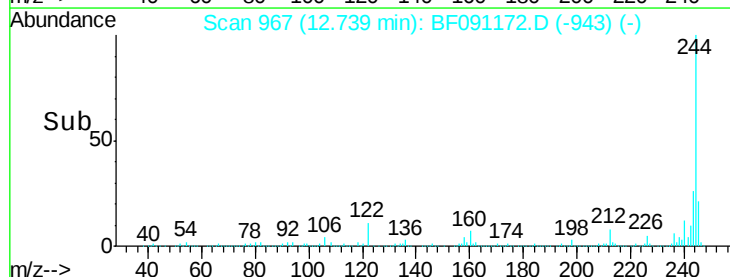
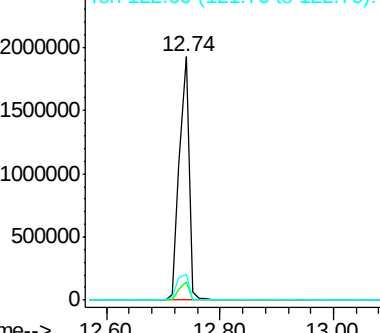
244 100

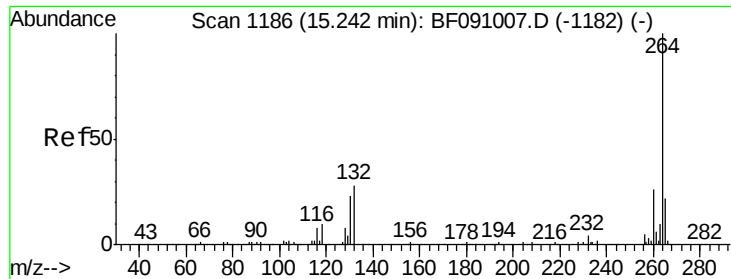
212 7.8 6.4 9.6

122 10.6 12.3 18.5#



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

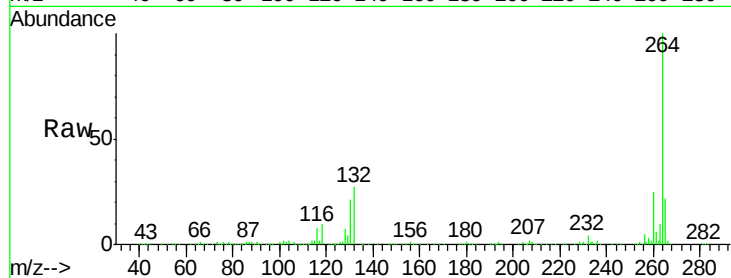




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091172.D
 Acq: 15 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-111016

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	22.2	17.8	26.8



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

