

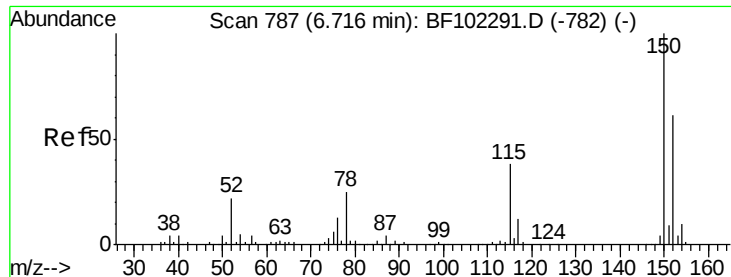
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102642.D
 Acq On : 30 Jan 2018 16:31
 Operator : SJ/JU
 Sample : J1364-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Jan 31 02:40:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	166680	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	699568	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	315930	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	557685	20.00	ng	0.00
75) Chrysene-d12	13.87	240	474848	20.00	ng	0.00
86) Perylene-d12	15.31	264	383540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	622583	56.64	ng	0.00
7) Phenol-d6	6.36	99	465504	35.12	ng	0.00
23) Nitrobenzene-d5	7.28	82	974472	80.05	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	295252	94.32	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1680623	78.22	ng	0.00
78) Terphenyl-d14	12.82	244	1554849	73.82	ng	0.00
Target Compounds						
10) Phenol	6.43	94	32052	2.215	ng	Qvalue 95

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

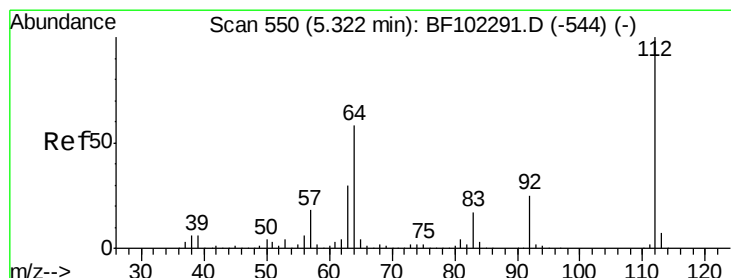
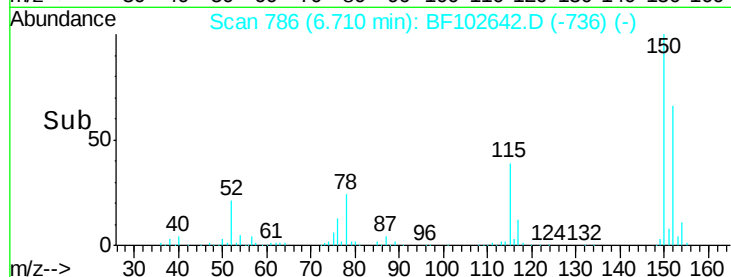
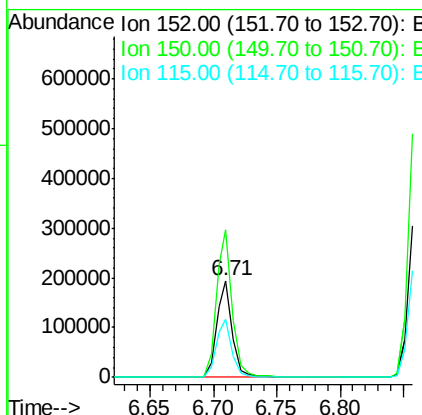
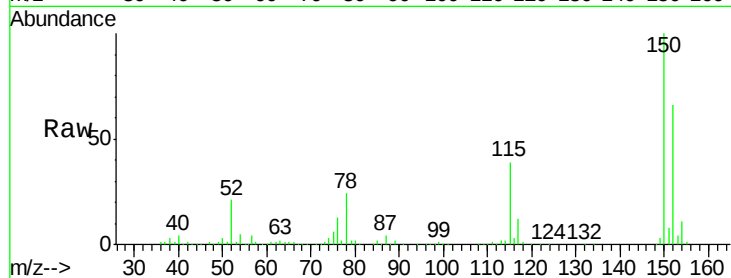


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

Instrument :
BNA_F
ClientSampleId :
MW-05

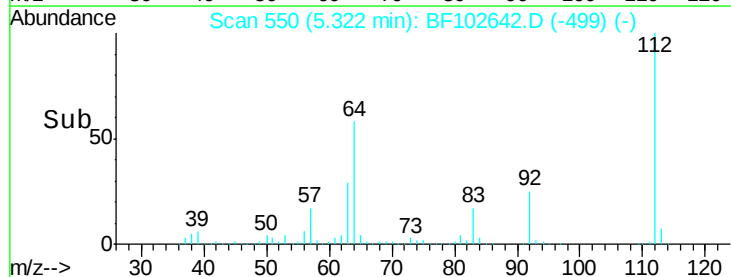
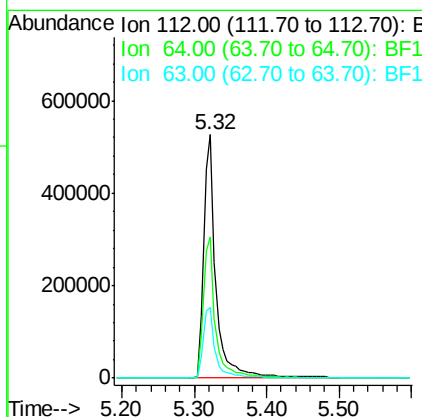
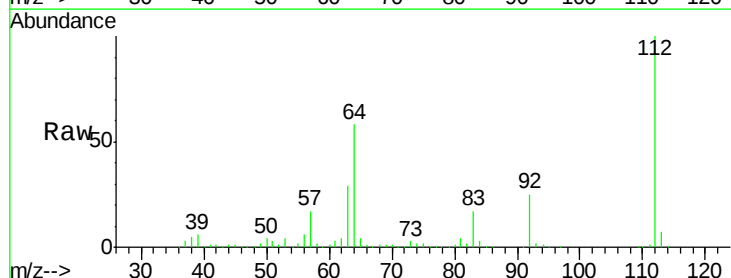
Tot Ion:152 Resp: 166680
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 59.4 50.1 75.1

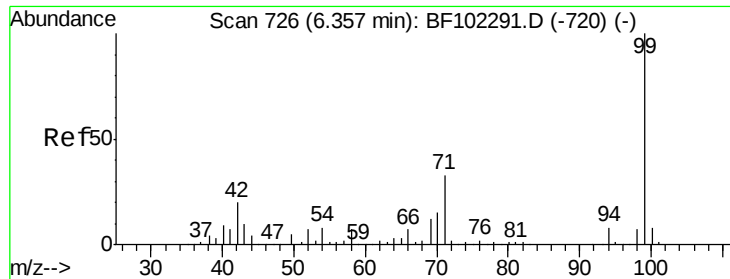


#5

2-Fluorophenol
Concen: 56.635 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

Tgt Ion:112 Resp: 622583
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 35.125 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102642.D

Acq: 30 Jan 2018 16:31

Instrument :

BNA_F

ClientSampled :

MW-05

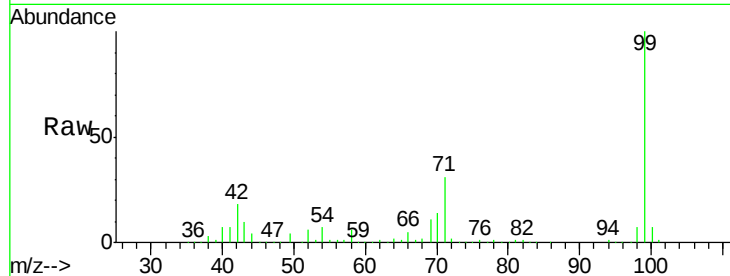
Tot Ion: 99 Resp: 465504

Ion Ratio Lower Upper

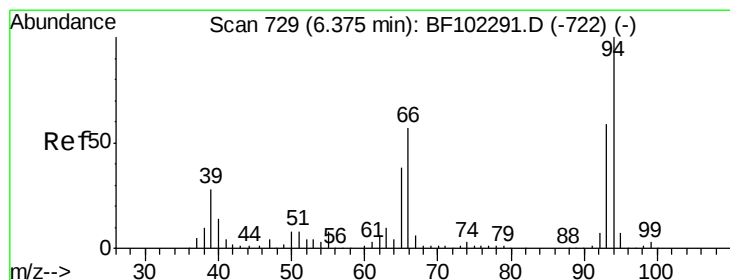
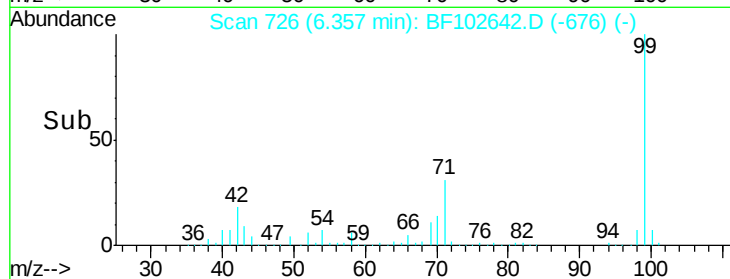
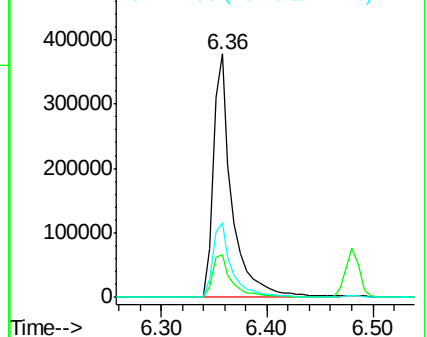
99 100

42 17.5 14.5 21.7

71 30.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.215 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.05 min

Lab File: BF102642.D

Acq: 30 Jan 2018 16:31

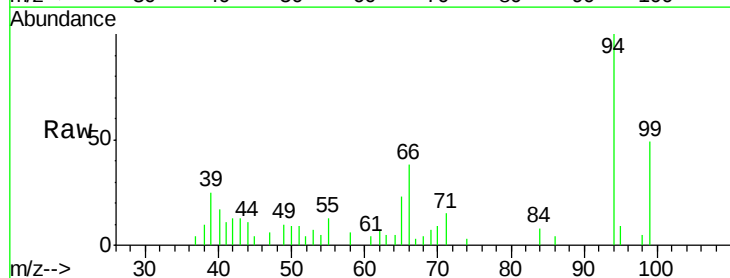
Tgt Ion: 94 Resp: 32052

Ion Ratio Lower Upper

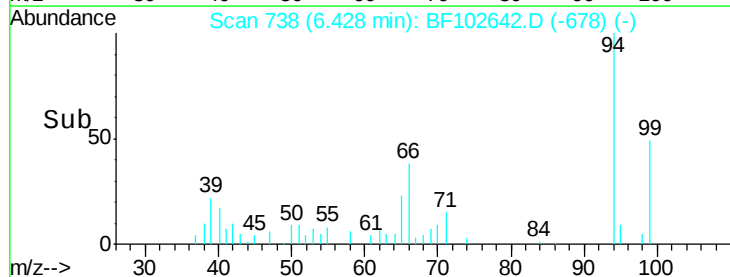
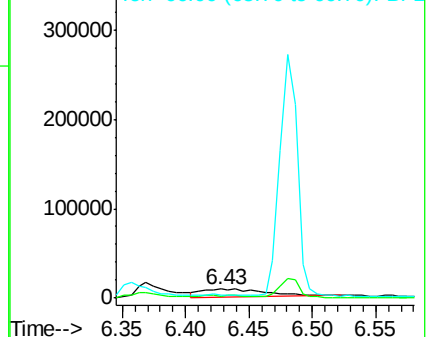
94 100

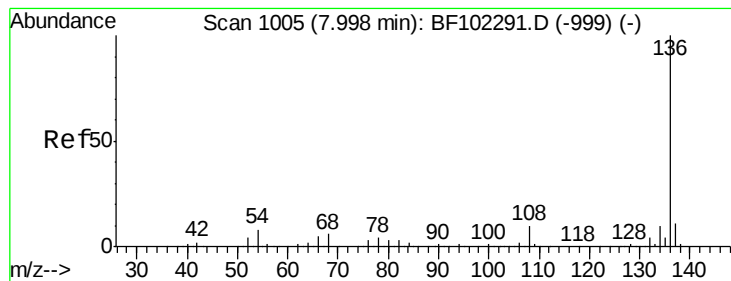
65 23.3 7.9 47.9

66 37.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102642.D

Acq: 30 Jan 2018 16:31

Instrument :

BNA_F

ClientSampleId :

MW-05

Tot Ion:136 Resp: 699568

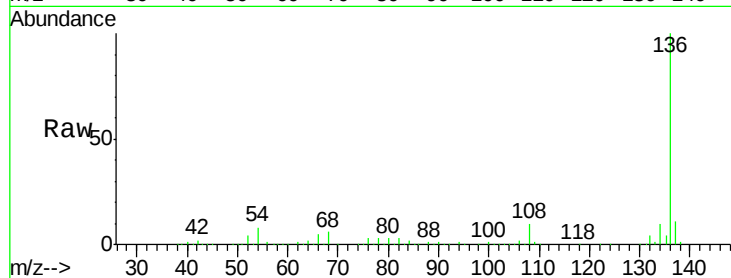
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.2 6.6 9.8

68 5.9 5.0 7.4

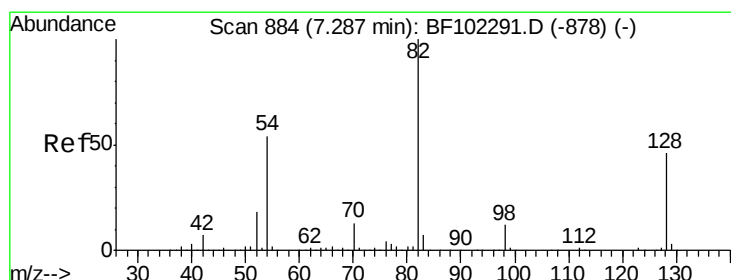
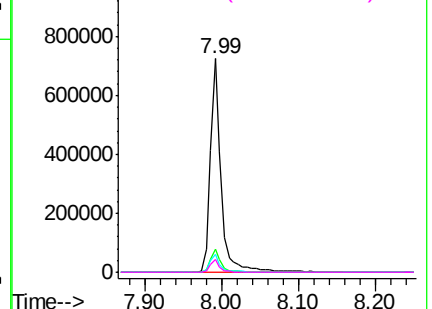
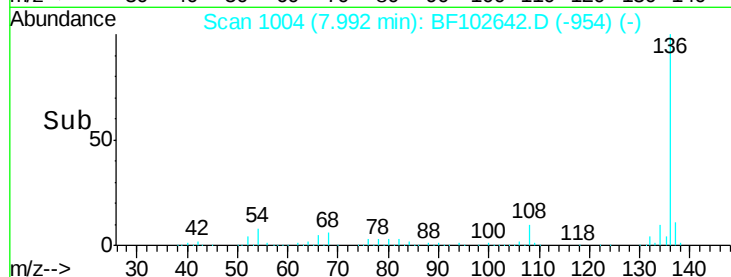


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 80.049 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102642.D

Acq: 30 Jan 2018 16:31

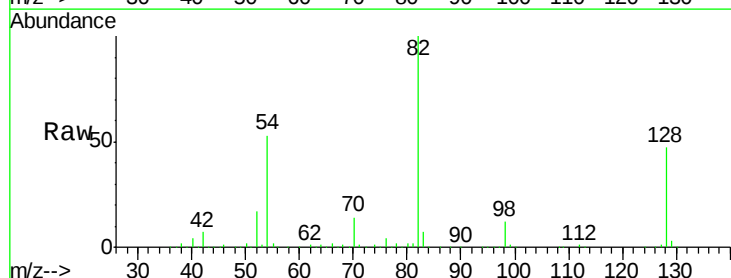
Tgt Ion: 82 Resp: 974472

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

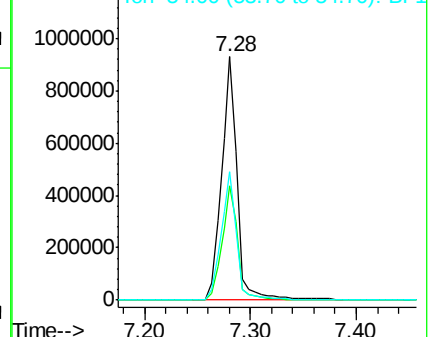
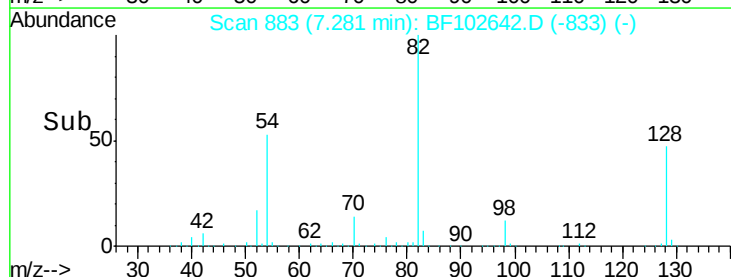
54 52.7 41.4 62.2

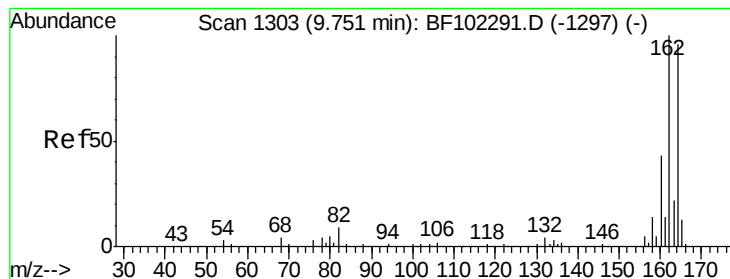


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102642.D

Acq: 30 Jan 2018 16:31

Instrument :

BNA_F

ClientSampleId :

MW-05

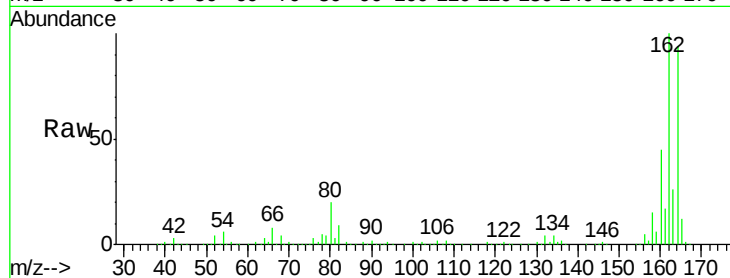
Tot Ion:164 Resp: 315930

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

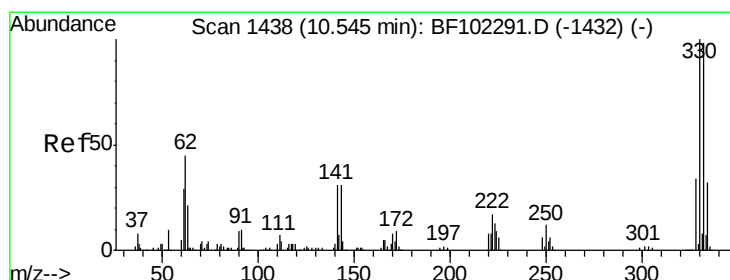
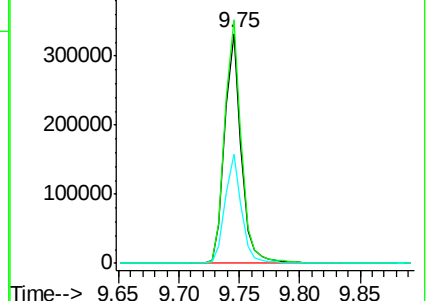
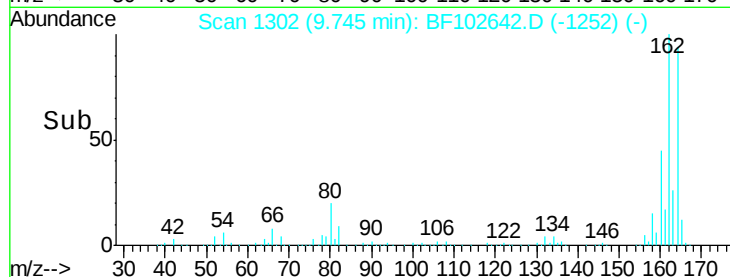
160 47.3 38.3 57.5



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: 94.317 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102642.D

Acq: 30 Jan 2018 16:31

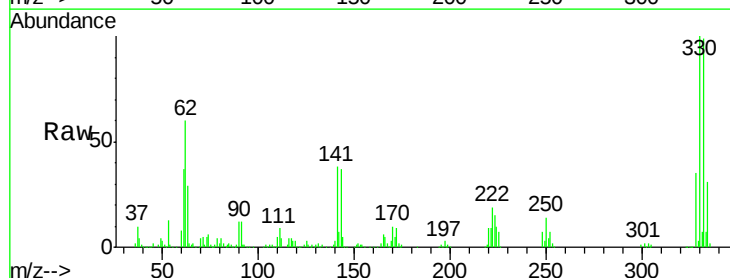
Tgt Ion:330 Resp: 295252

Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

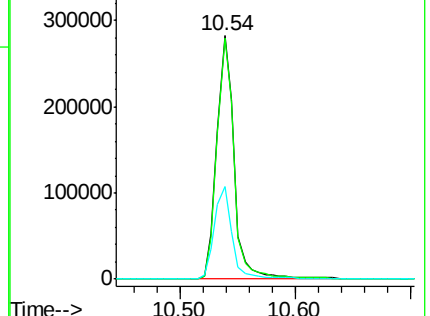
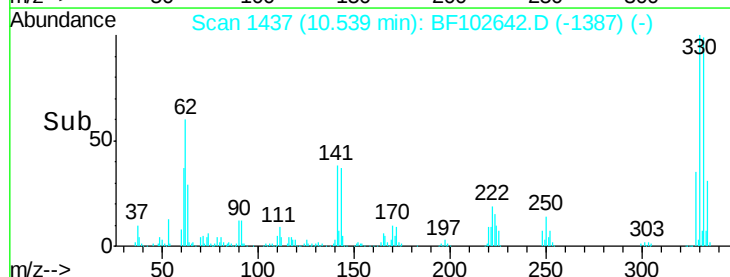
141 39.5 29.9 44.9

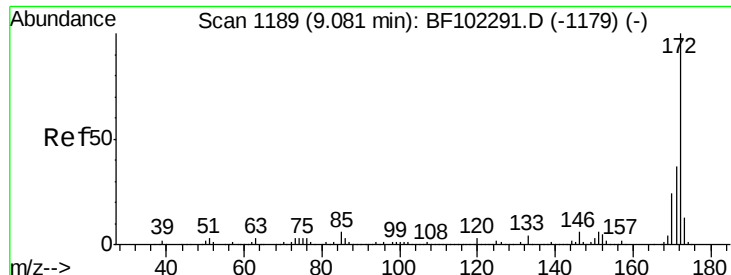


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

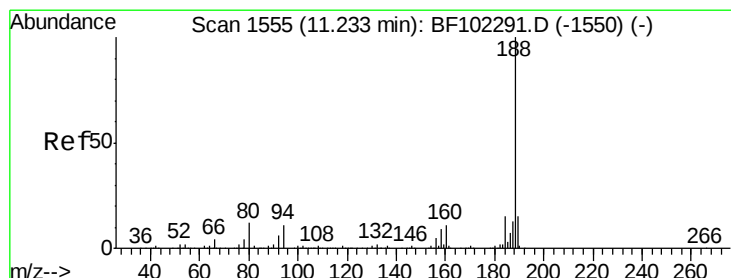
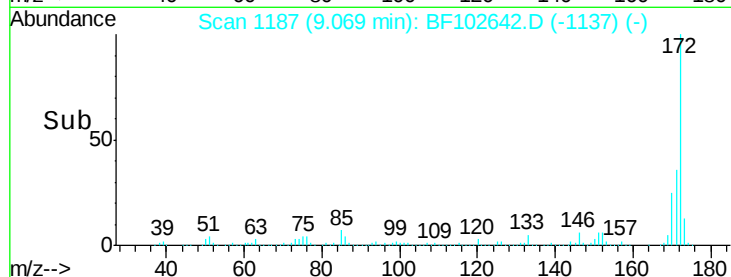
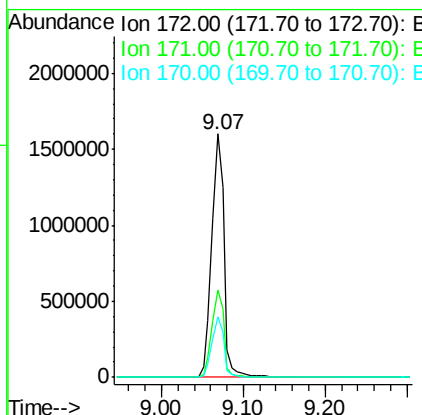
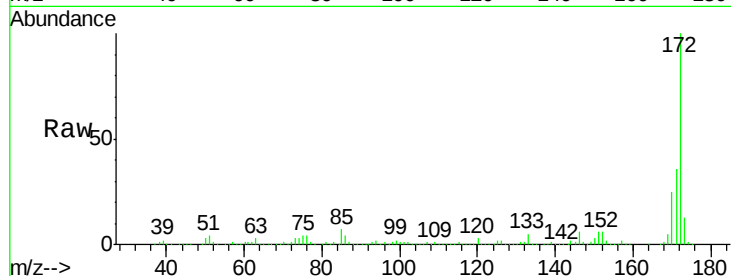




#44
 2-Fluorobiphenyl
 Concen: 78.217 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102642.D
 Acq: 30 Jan 2018 16:31

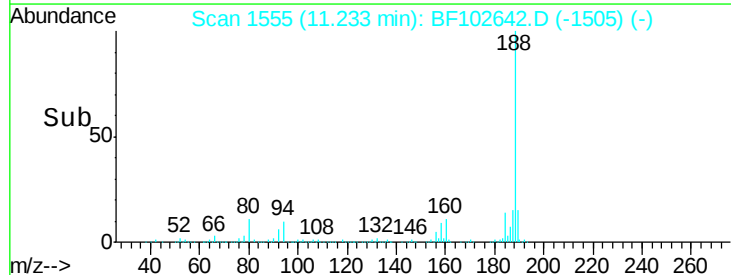
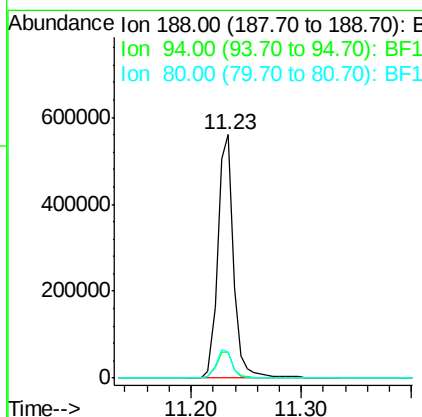
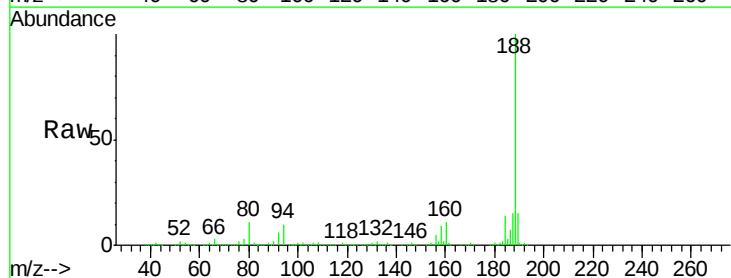
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

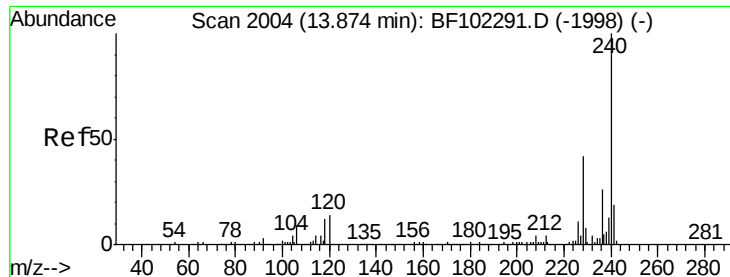
Tot Ion:172 Resp: 1680623
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.7 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102642.D
 Acq: 30 Jan 2018 16:31

Tgt Ion:188 Resp: 557685
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 10.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102642.D

Acq: 30 Jan 2018 16:31

Instrument :

BNA_F

ClientSampleId :

MW-05

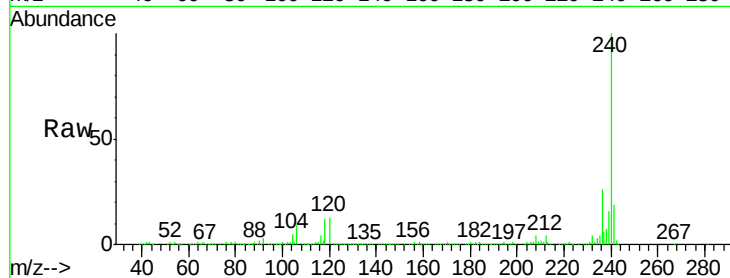
Tot Ion:240 Resp: 474848

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

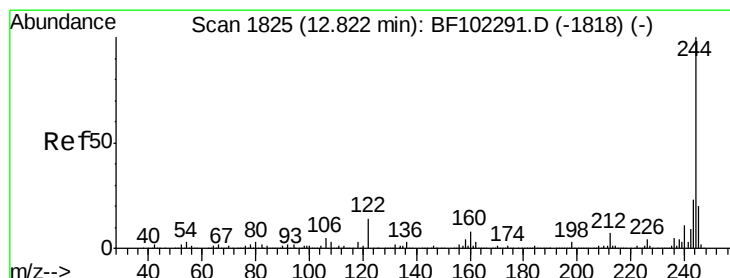
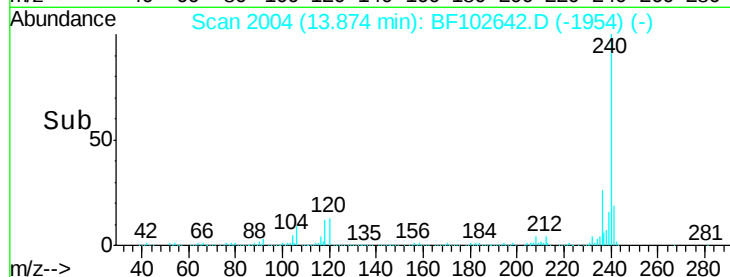
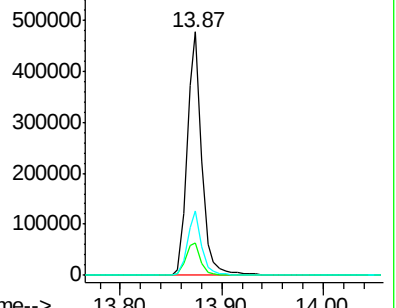
236 26.3 20.7 31.1



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: 73.817 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102642.D

Acq: 30 Jan 2018 16:31

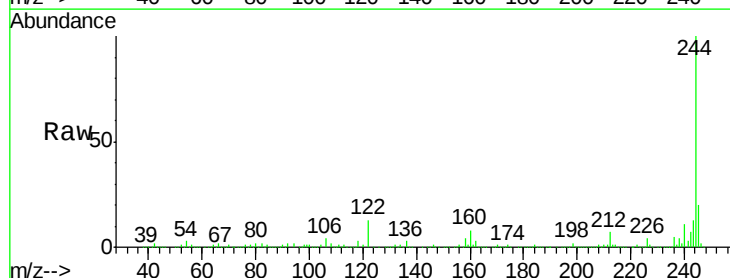
Tgt Ion:244 Resp: 1554849

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

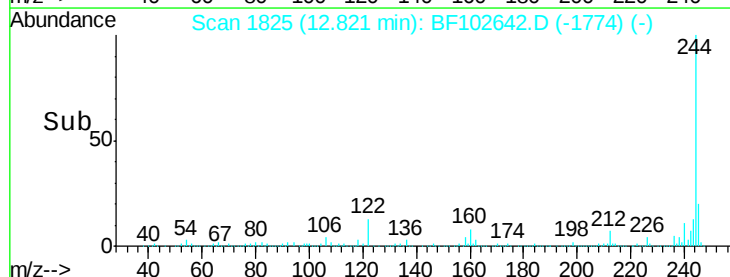
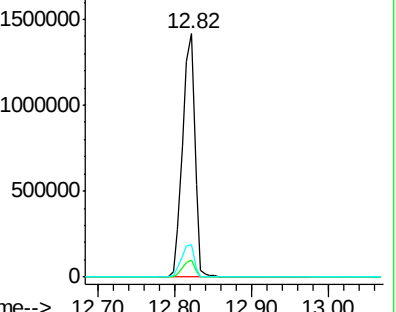
122 13.2 11.0 16.4

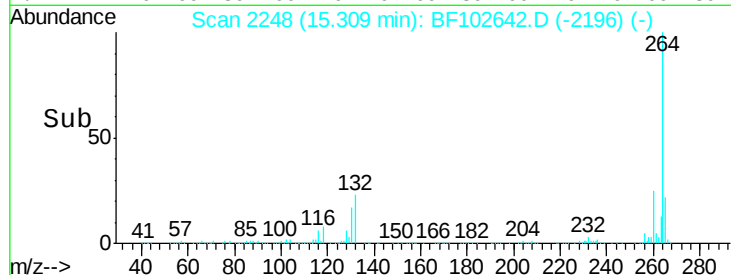
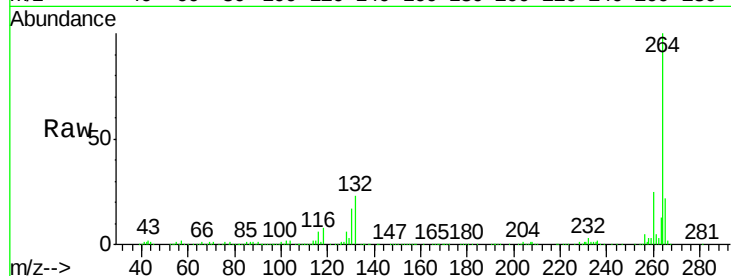
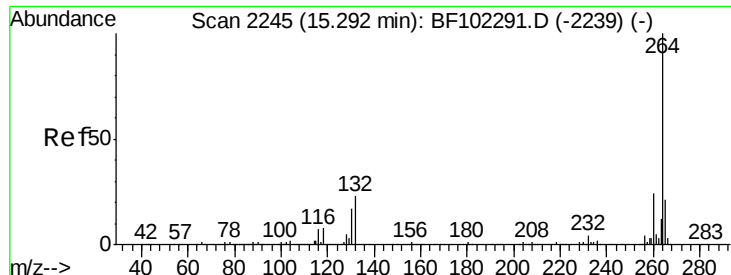


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102642.D
Acq: 30 Jan 2018 16:31

Instrument :
BNA_F
ClientSampleId :
MW-05

Tot Ion:	264	Resp:	383540
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.0	17.5	26.3

