

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101973.D
 Acq On : 10 Jan 2018 00:38
 Operator : SJ/JU
 Sample : J1049-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A

Quant Time: Jan 10 04:12:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

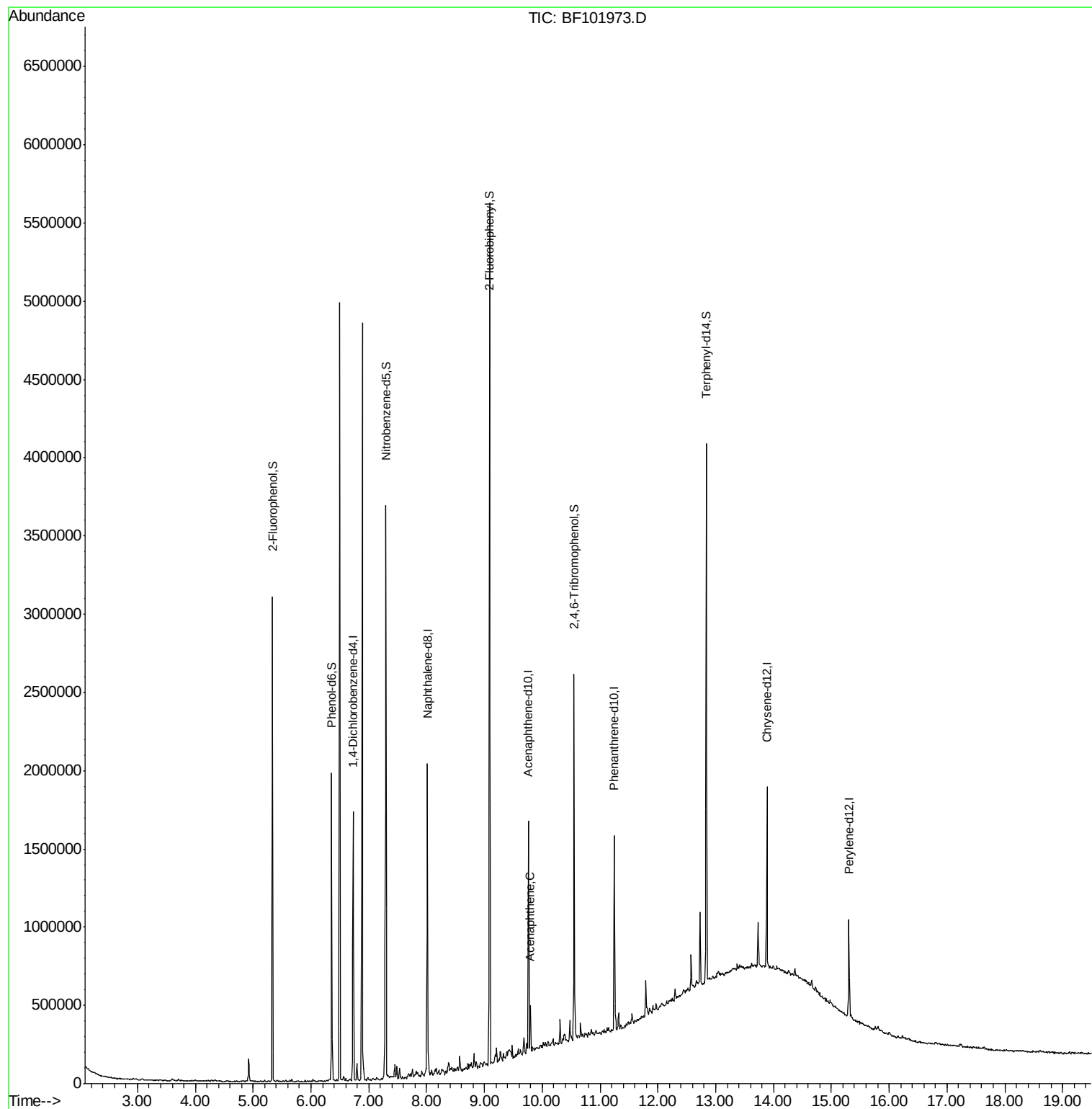
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218227	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	790410	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	263403	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	404125	20.00	ng	0.00
75) Chrysene-d12	13.89	240	396247	20.00	ng	0.00
86) Perylene-d12	15.30	264	275454	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	815060	52.74	ng	0.01
7) Phenol-d6	6.36	99	589451	31.97	ng	0.00
23) Nitrobenzene-d5	7.30	82	1225375	91.10	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	265651	115.57	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1696081	100.60	ng	0.00
78) Terphenyl-d14	12.84	244	1166809	61.14	ng	0.00
Target Compounds						Qvalue
51) Acenaphthene	9.80	154	64149	3.689	ng	99

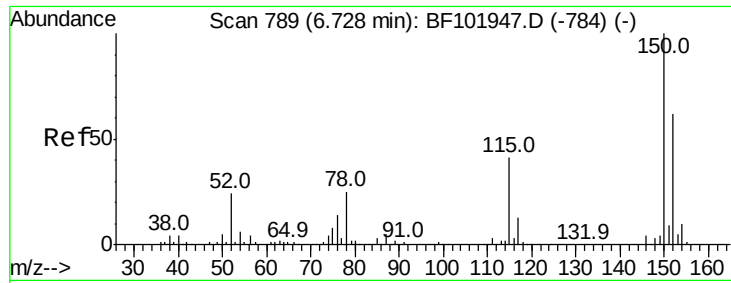
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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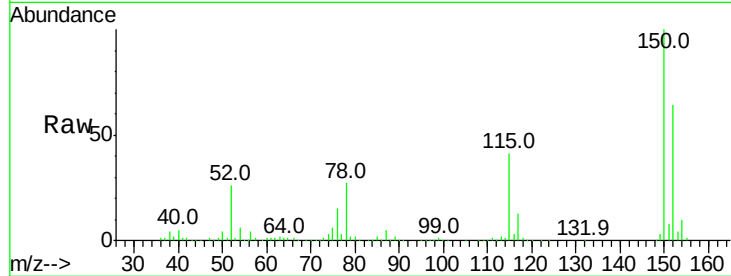


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101973.D
Acq: 10 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :
MW-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	64.4	50.1	75.1

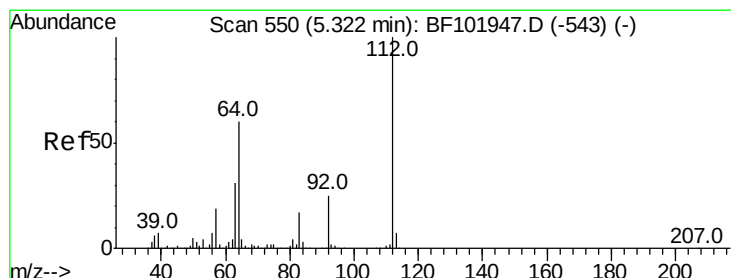
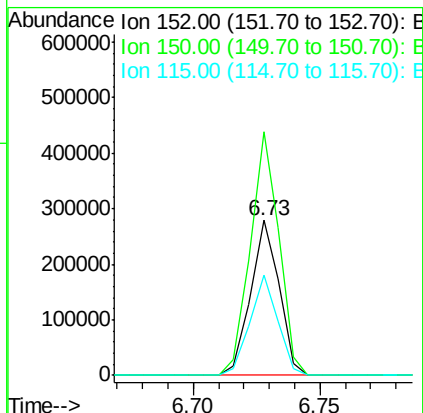
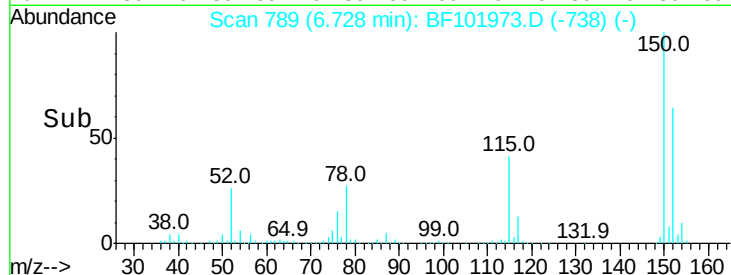


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

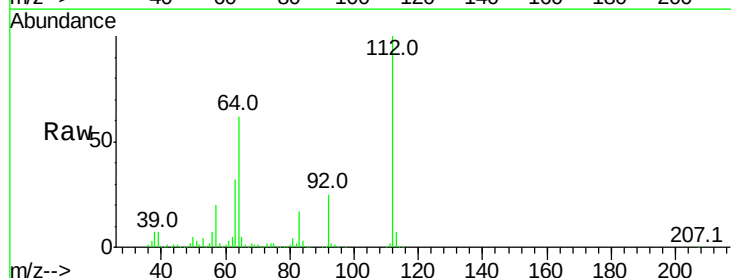
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.740 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF101973.D
Acq: 10 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	32.2	23.7	35.5

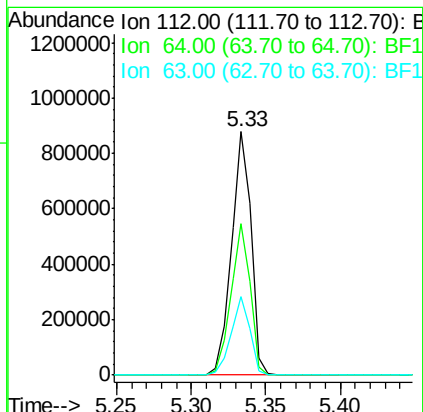
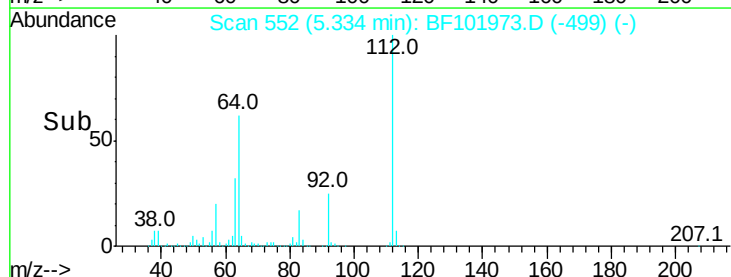


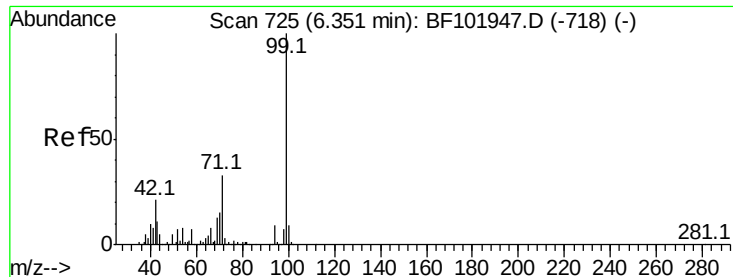
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 31.968 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

MW-A

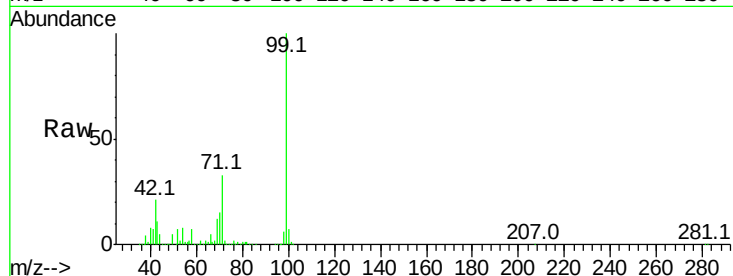
Tot Ion: 99 Resp: 589451

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

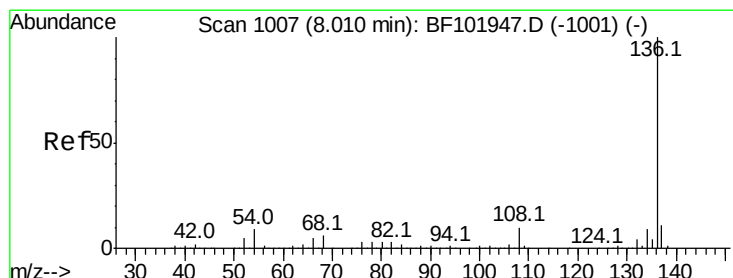
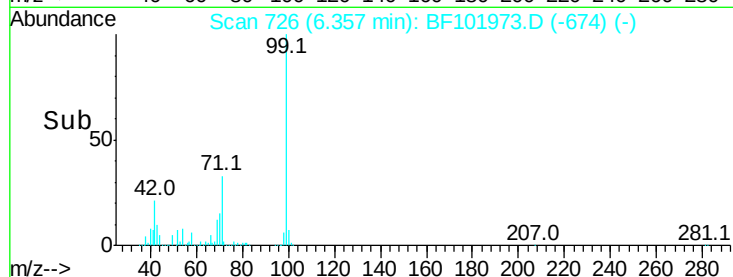
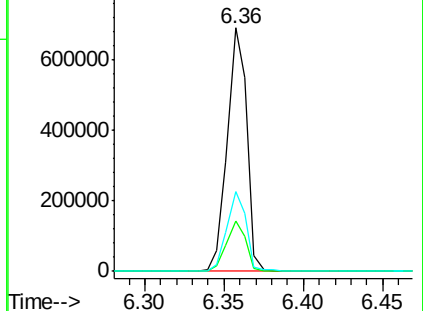
71 32.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

Tgt Ion: 136 Resp: 790410

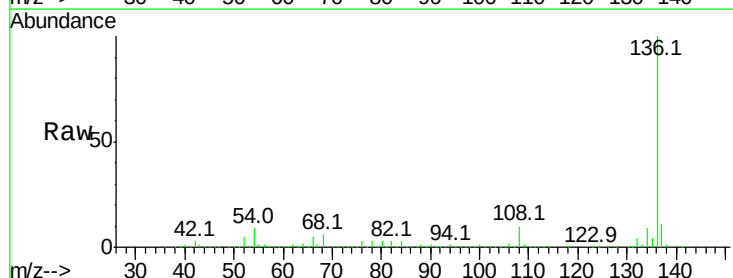
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 6.4 5.0 7.4

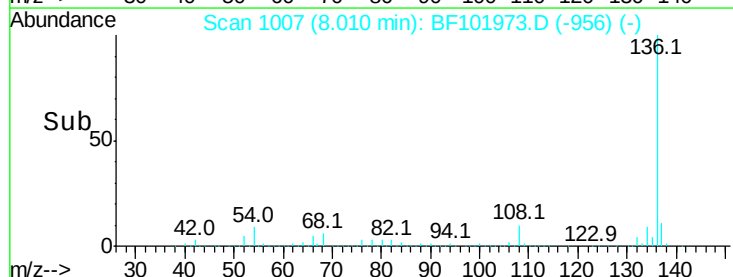
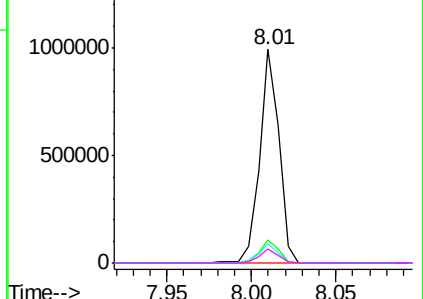


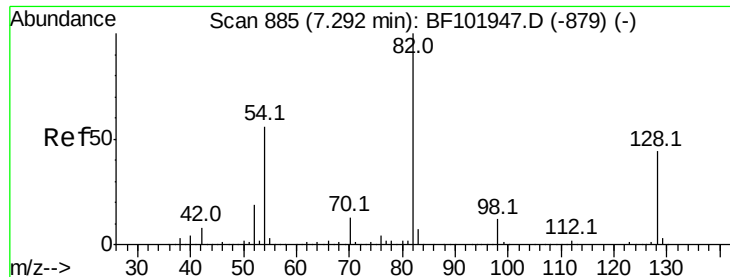
Abundance Ion 136.00 (135.70 to 136.70): E

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

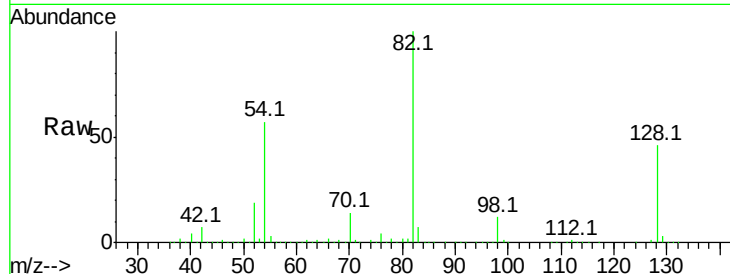




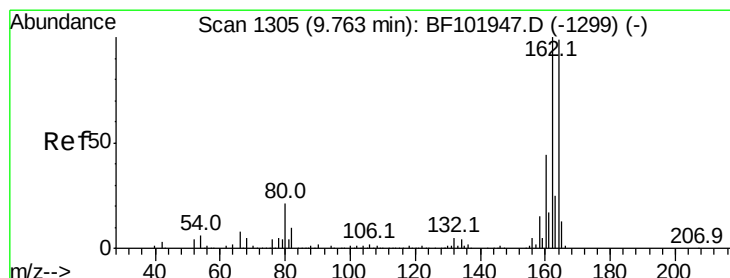
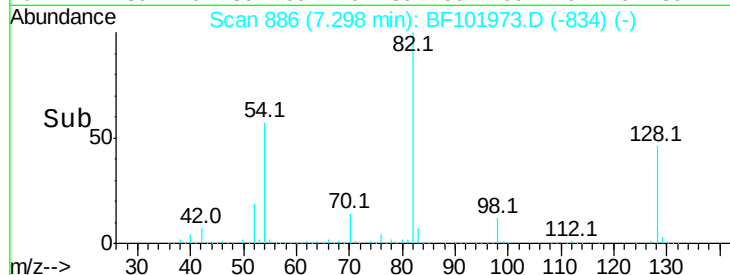
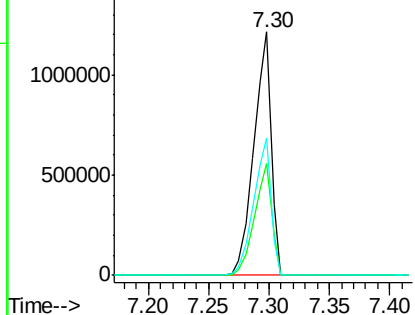
#23
Nitrobenzene-d5
Concen: 91.102 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF101973.D
Acq: 10 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :
MW-A

Tot Ion: 82 Resp: 1225375
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 56.7 41.4 62.2

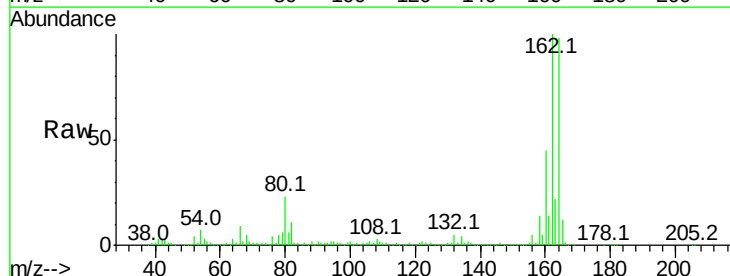


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

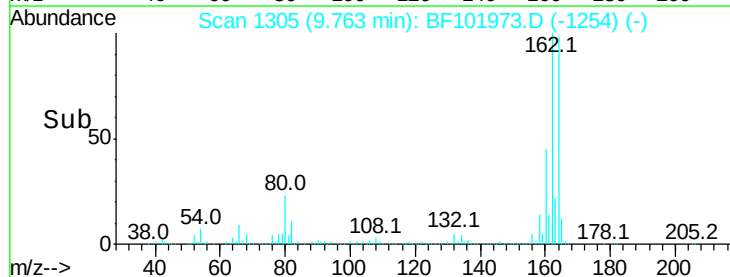
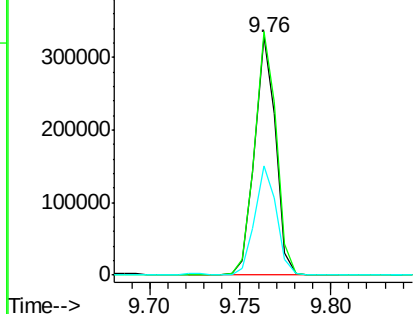


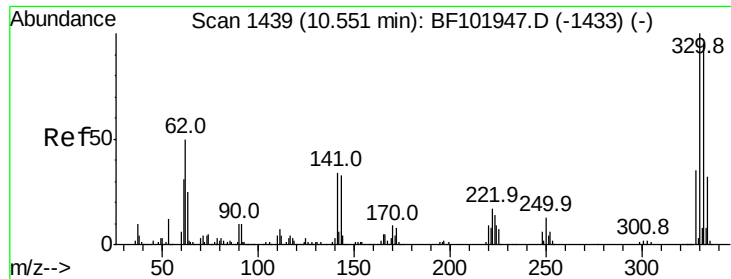
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF101973.D
Acq: 10 Jan 2018 00:38

Tgt Ion:164 Resp: 263403
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 45.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

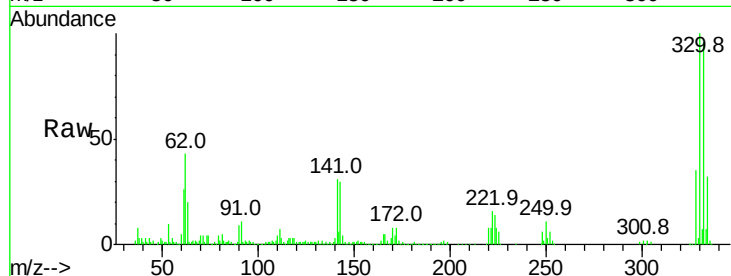




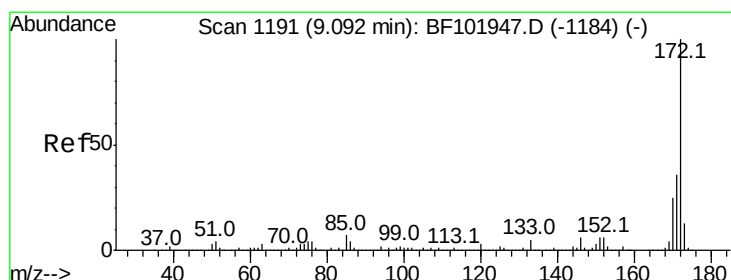
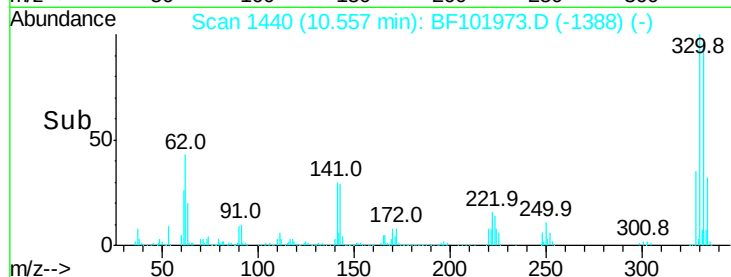
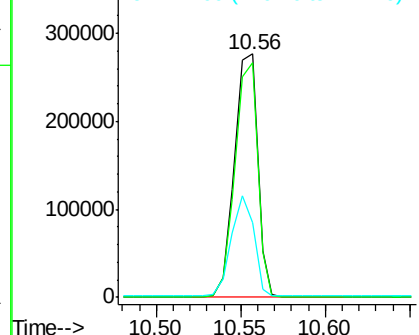
#41
 2,4,6-Tribromophenol
 Concen: 115.567 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF101973.D
 Acq: 10 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	39.8	29.9	44.9

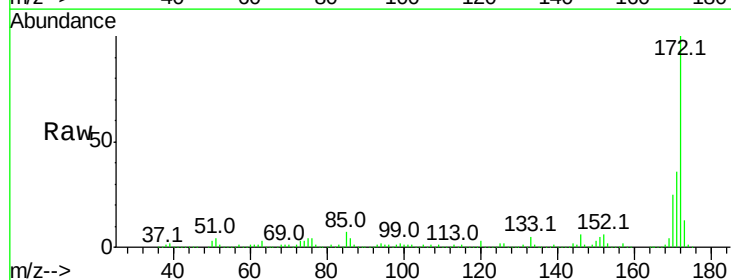


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

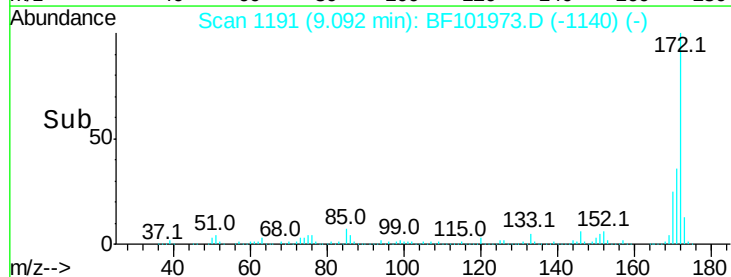
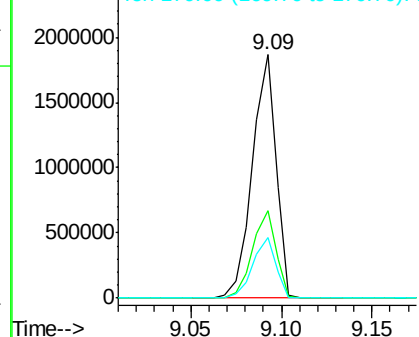


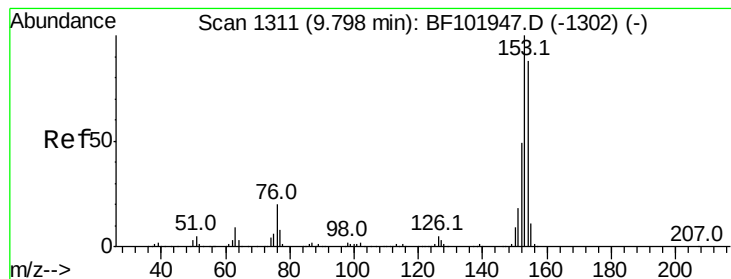
#44
 2-Fluorobiphenyl
 Concen: 100.596 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101973.D
 Acq: 10 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	19.6	29.4



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





#51

Acenaphthene

Concen: 3.689 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

MW-A

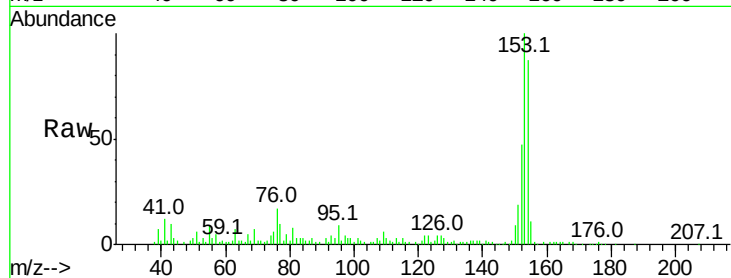
Tot Ion:154 Resp: 64149

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

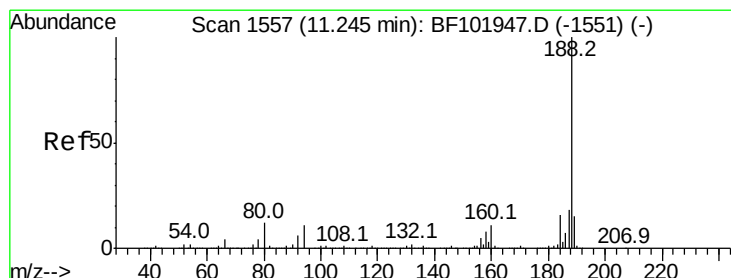
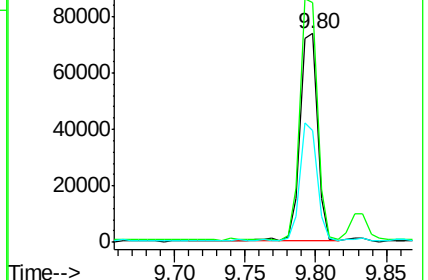
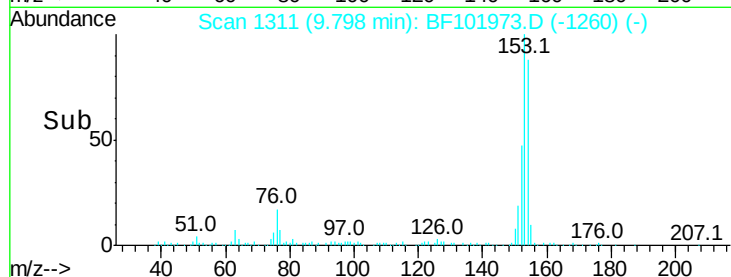
152 53.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

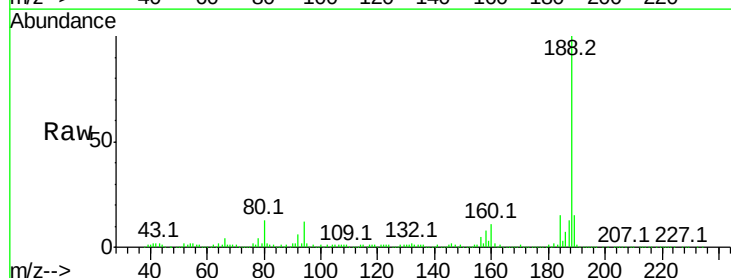
Tgt Ion:188 Resp: 404125

Ion Ratio Lower Upper

188 100

94 12.4 8.5 12.7

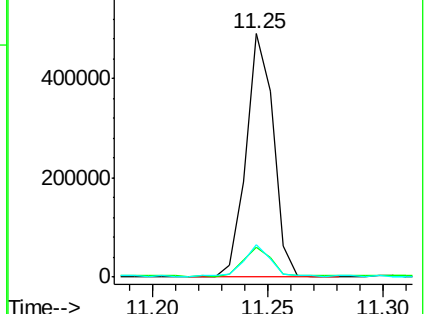
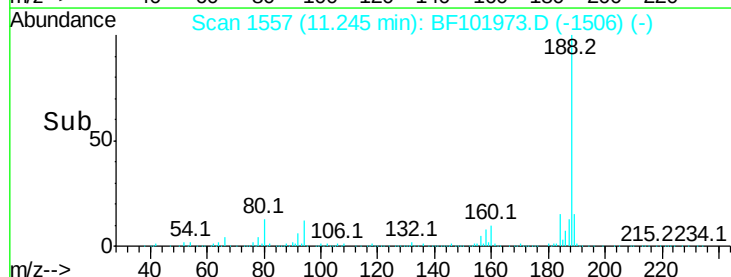
80 13.3 9.2 13.8

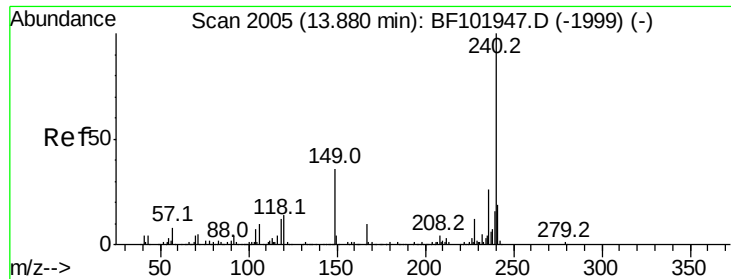


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

MW-A

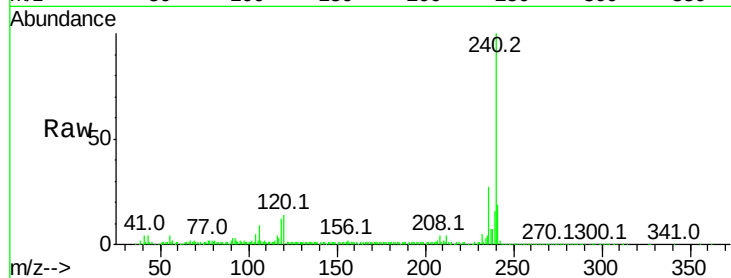
Tot Ion:240 Resp: 396247

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

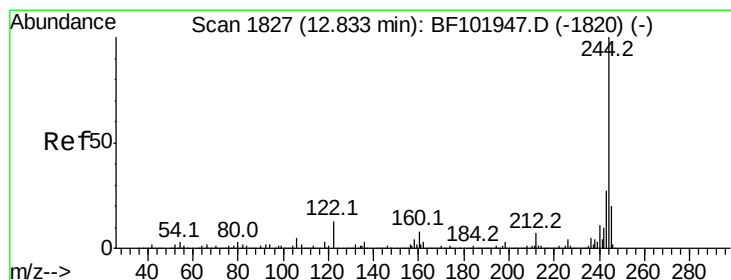
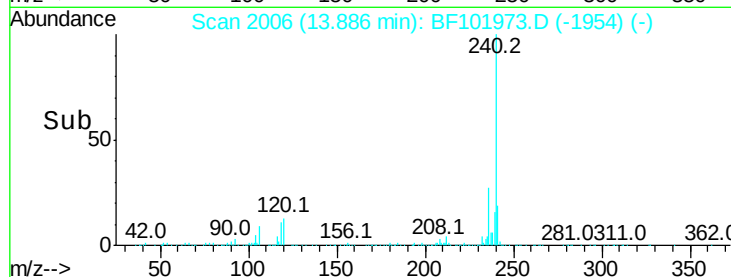
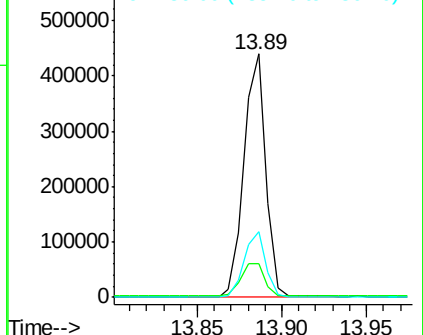
236 26.8 20.7 31.1



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: 61.139 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF101973.D

Acq: 10 Jan 2018 00:38

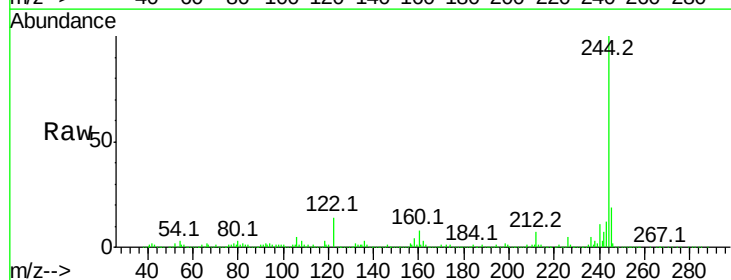
Tgt Ion:244 Resp: 1166809

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

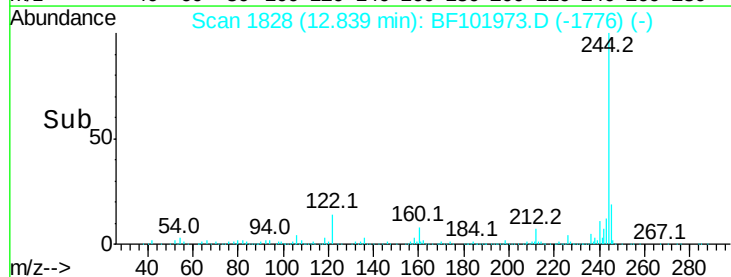
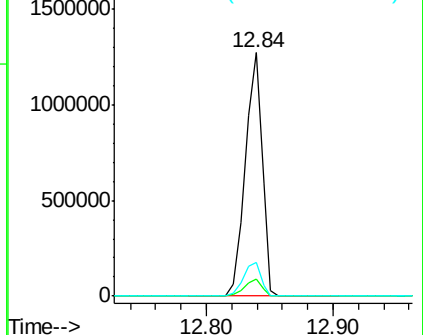
122 14.0 11.0 16.4

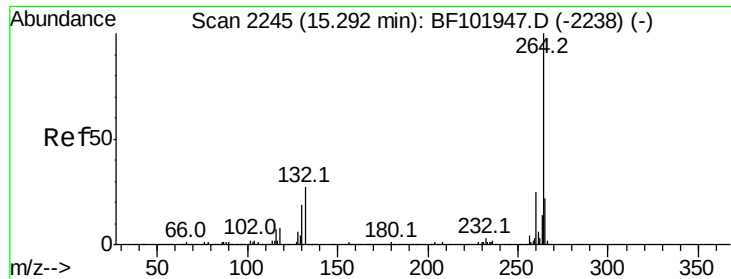


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF101973.D
 Acq: 10 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.5	26.3

