

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101972.D
 Acq On : 10 Jan 2018 00:11
 Operator : SJ/JU
 Sample : J1049-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-F

Quant Time: Jan 10 04:01:33 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

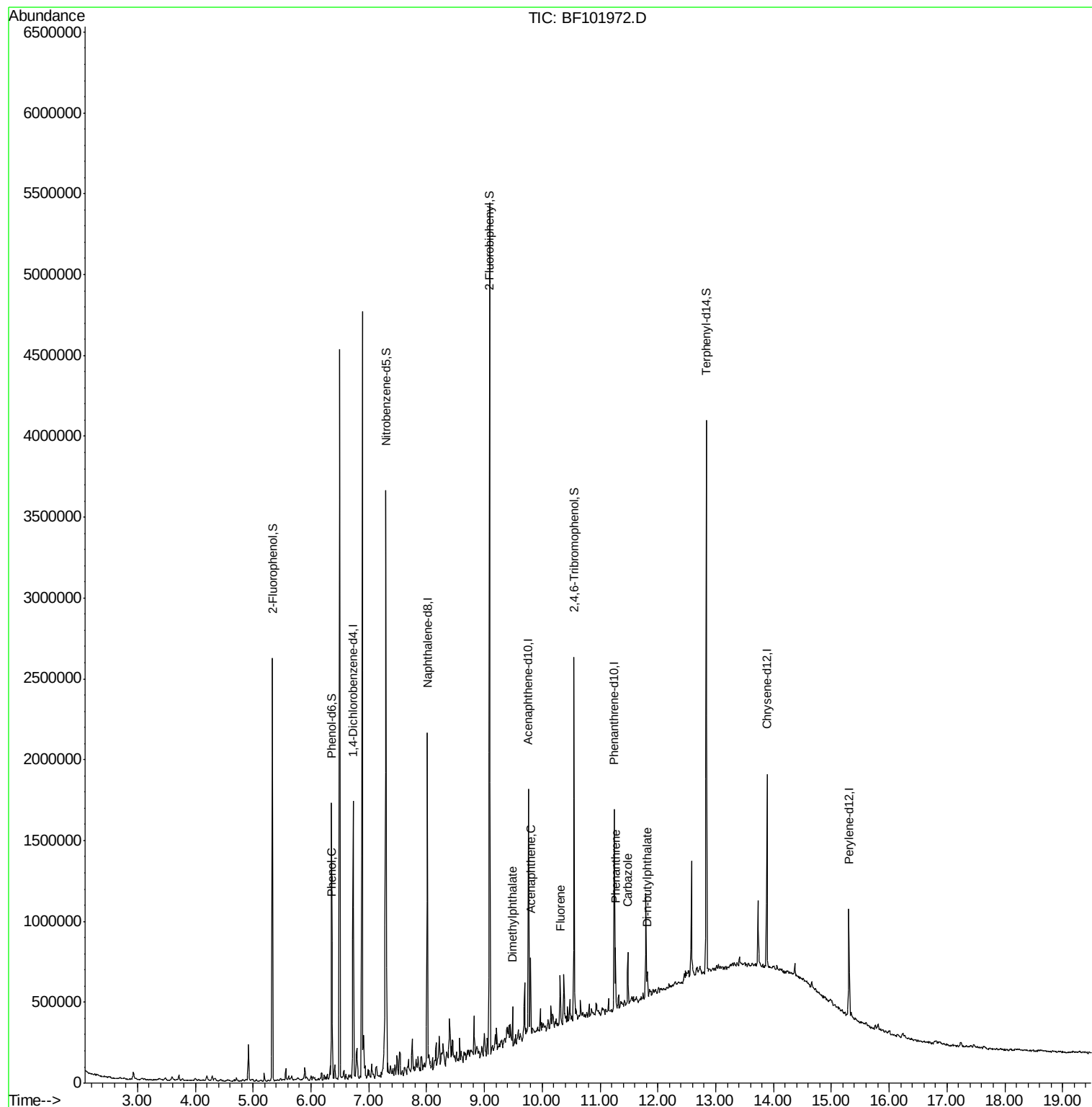
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	226376	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	814066	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	276972	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	418994	20.00	ng	0.00
75) Chrysene-d12	13.89	240	410766	20.00	ng	0.00
86) Perylene-d12	15.30	264	285682	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	673918	42.04	ng	0.01
7) Phenol-d6	6.36	99	467492	24.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	1174685	84.80	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	246997	102.19	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1639736	92.49	ng	0.00
78) Terphenyl-d14	12.84	244	1206426	60.98	ng	0.00
Target Compounds						
10) Phenol	6.37	94	52384	2.423	ng	100
49) Dimethylphthalate	9.49	163	66132	2.976	ng	99
51) Acenaphthene	9.80	154	107306	5.868	ng	100
57) Fluorene	10.31	166	74430	4.290	ng	98
70) Phenanthrene	11.27	178	119839	4.896	ng	98
72) Carbazole	11.48	167	117172	4.803	ng	98
73) Di-n-butylphthalate	11.82	149	65307	2.182	ng	96

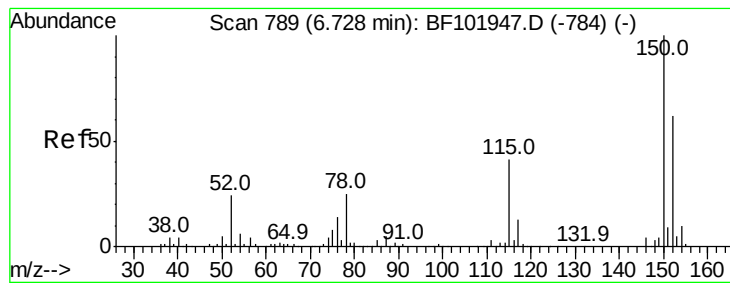
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101972.D
Acq On : 10 Jan 2018 00:11
Operator : SJ/JU
Sample : J1049-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-F

Quant Time: Jan 10 04:01:33 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



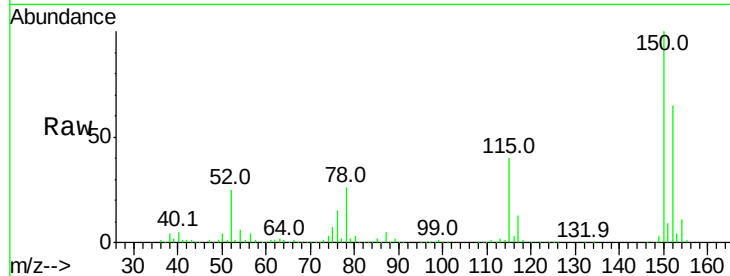


#1

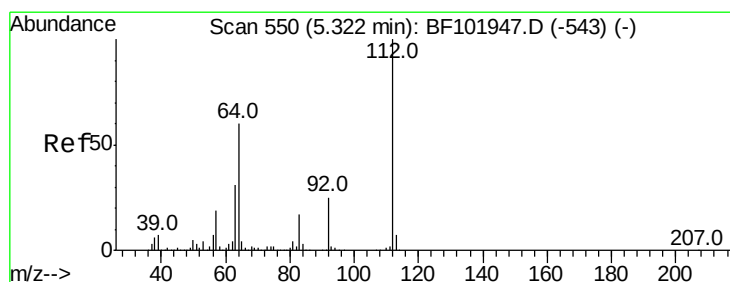
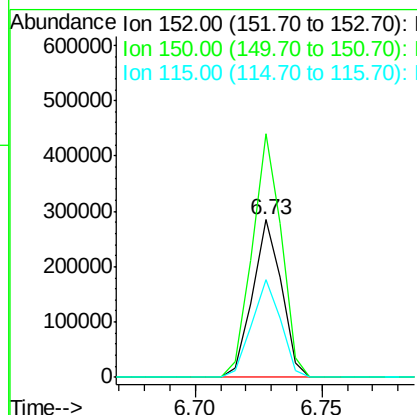
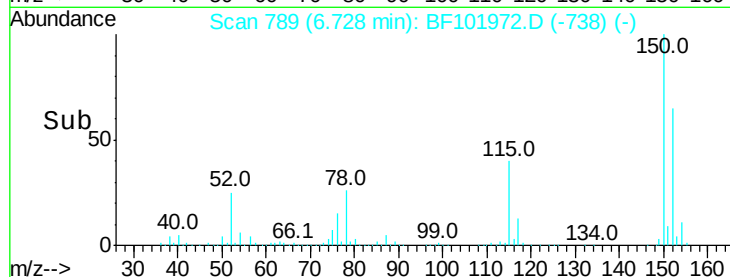
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101972.D
Acq: 10 Jan 2018 00:11

Instrument :
BNA_F
ClientSampleId :
MW-F

Tot Ion:152 Resp: 226376
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 62.3 50.1 75.1



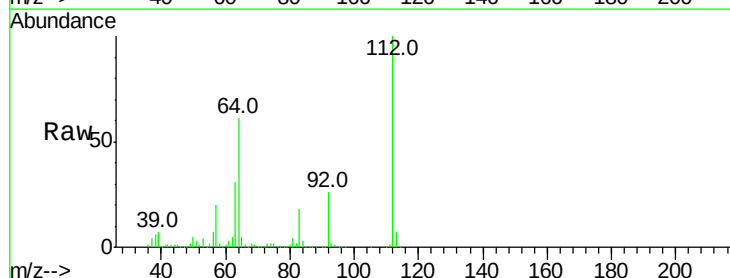
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



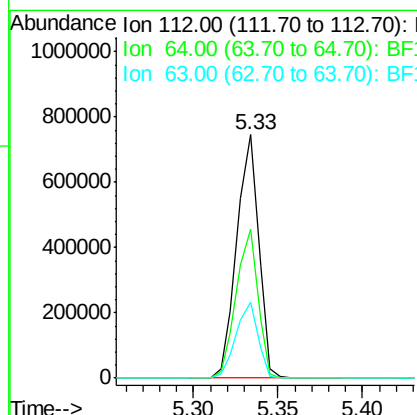
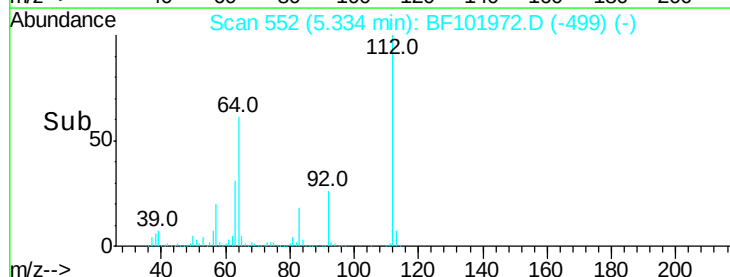
#5

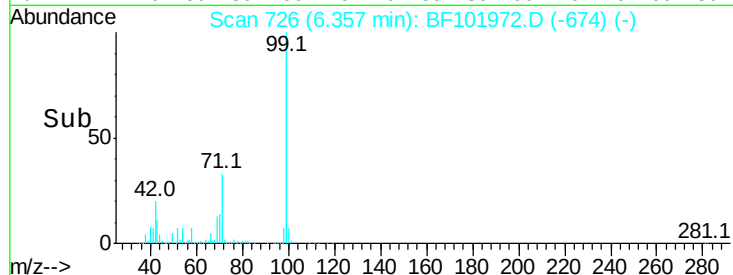
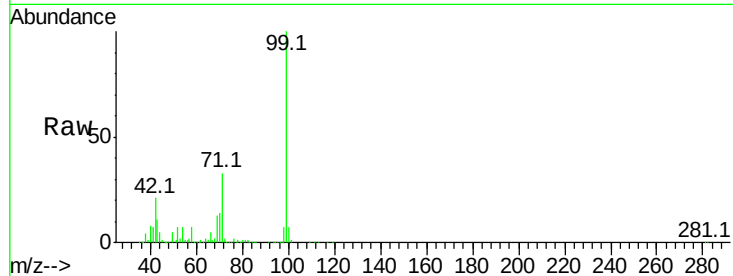
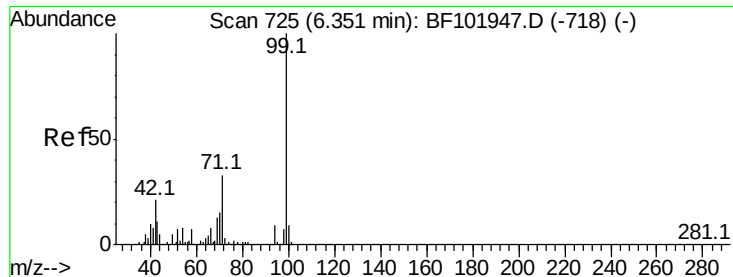
2-Fluorophenol
Concen: 42.037 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF101972.D
Acq: 10 Jan 2018 00:11

Tgt Ion:112 Resp: 673918
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 31.0 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: 24.441 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101972.D

Acq: 10 Jan 2018 00:11

Instrument :

BNA_F

ClientSampleId :

MW-F

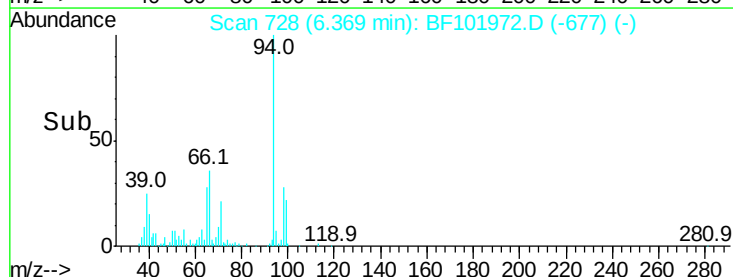
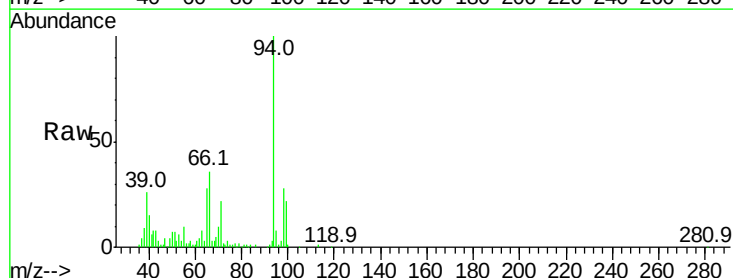
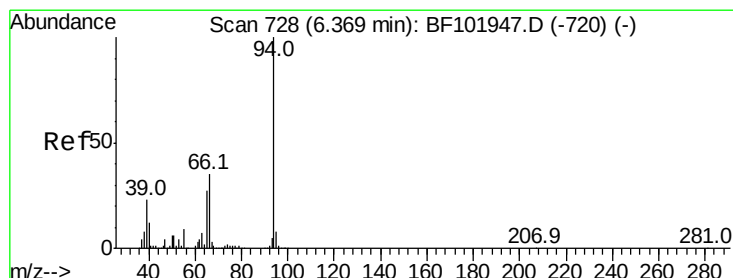
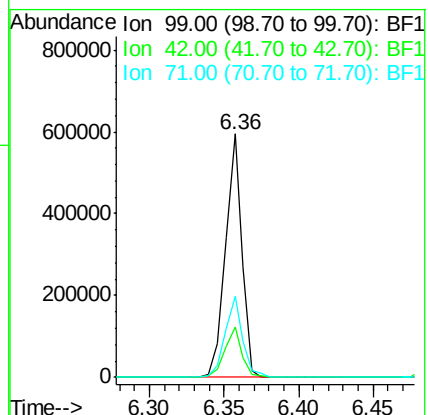
Tot Ion: 99 Resp: 467492

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 2.423 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF101972.D

Acq: 10 Jan 2018 00:11

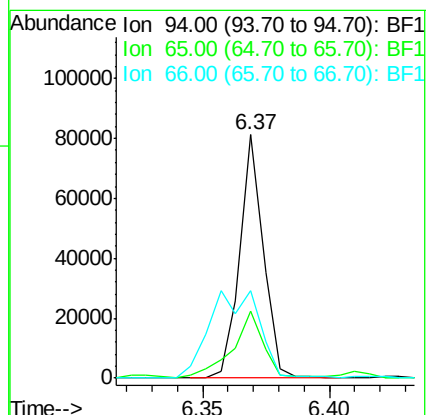
Tgt Ion: 94 Resp: 52384

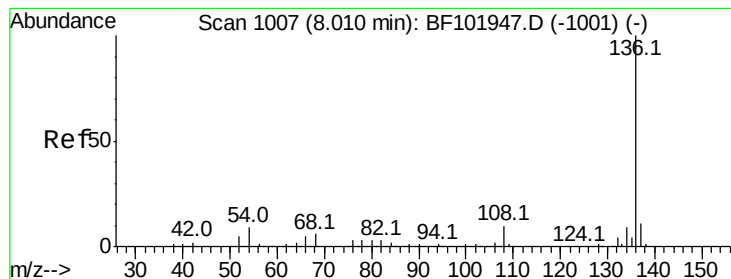
Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 36.1 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF101972.D

Acq: 10 Jan 2018 00:11

Instrument :

BNA_F

ClientSampleId :

MW-F

Tot Ion:136 Resp: 814066

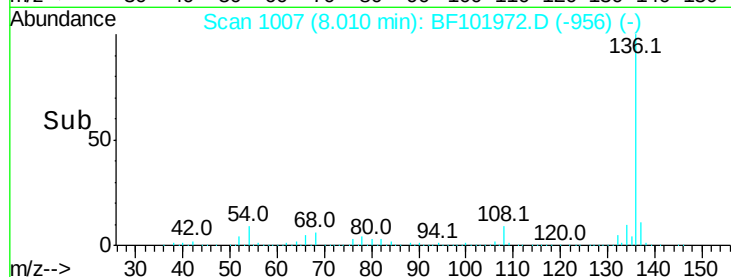
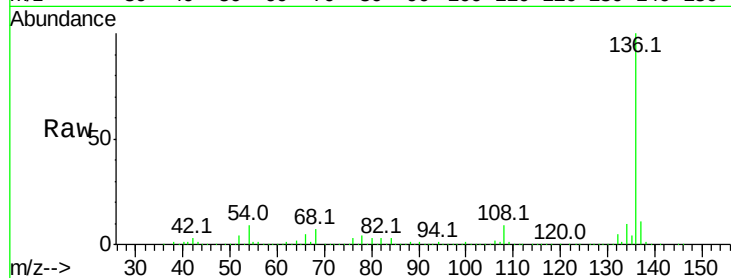
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.0 6.6 9.8

68 6.5 5.0 7.4

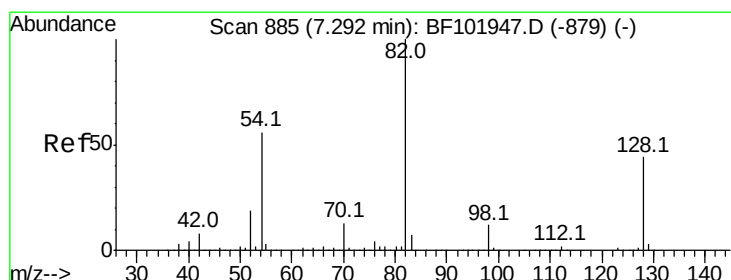
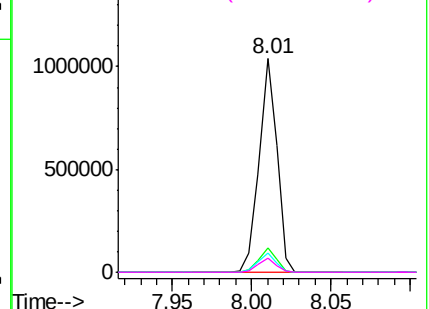


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.796 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF101972.D

Acq: 10 Jan 2018 00:11

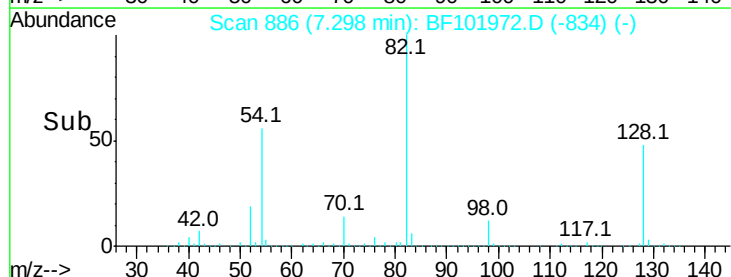
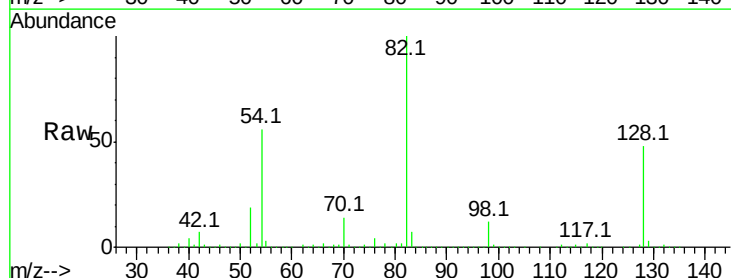
Tgt Ion: 82 Resp: 1174685

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

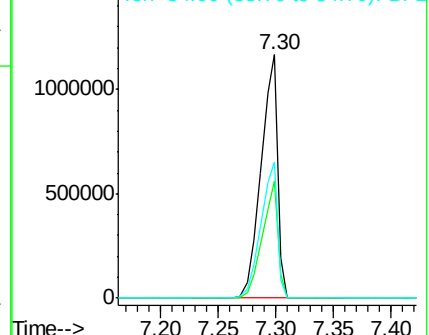
54 56.1 41.4 62.2

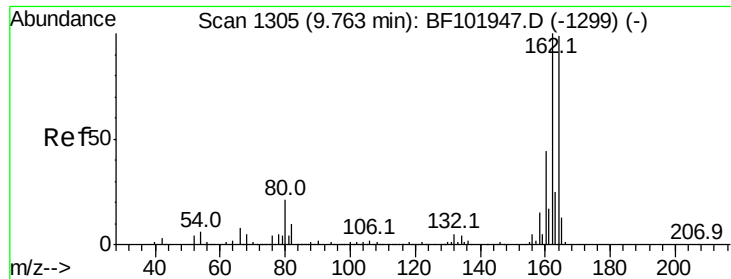


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

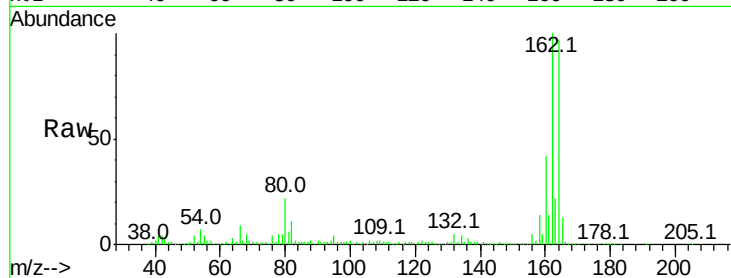




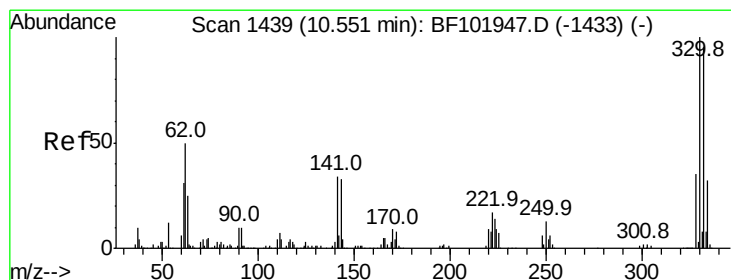
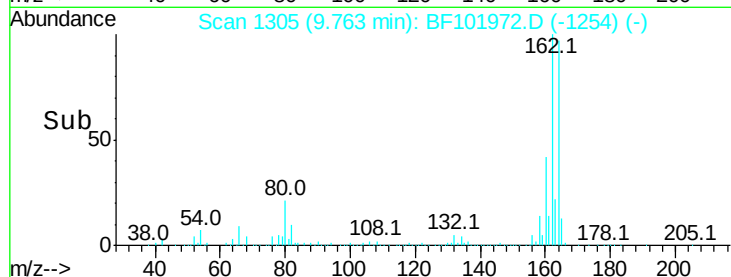
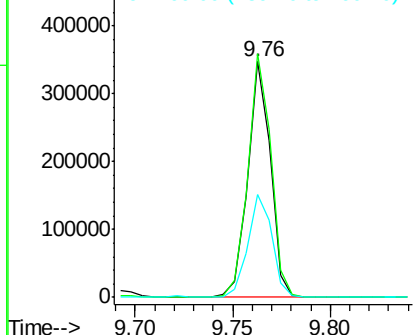
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF101972.D
Acq: 10 Jan 2018 00:11

Instrument :
BNA_F
ClientSampleId :
MW-F

Tot Ion:164 Resp: 276972
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 43.8 38.3 57.5

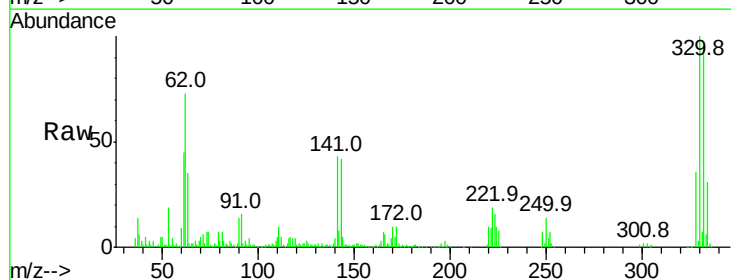


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

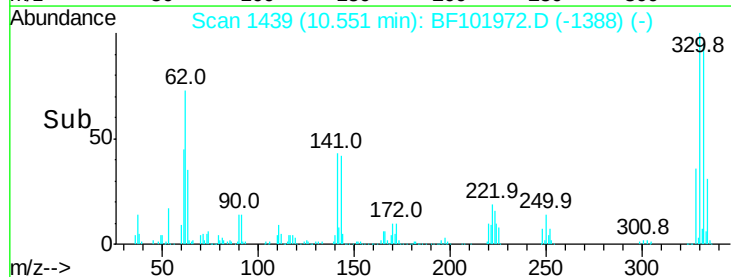
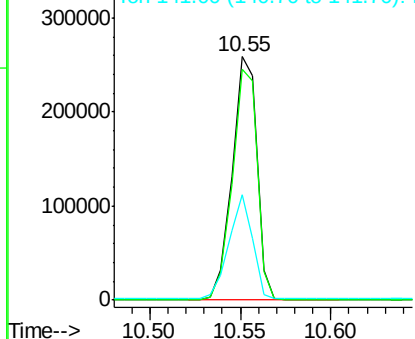


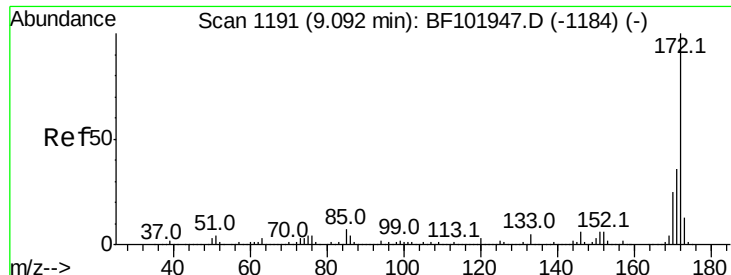
#41
2,4,6-Tribromophenol
Concen: 102.187 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF101972.D
Acq: 10 Jan 2018 00:11

Tgt Ion:330 Resp: 246997
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 40.1 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

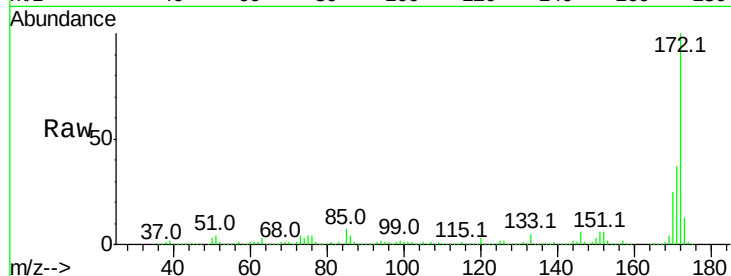




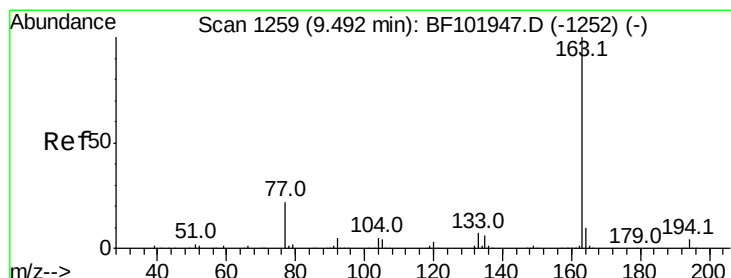
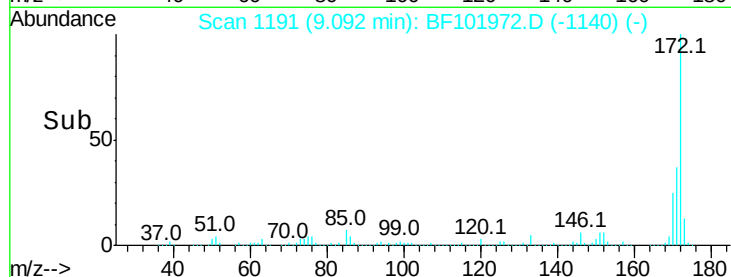
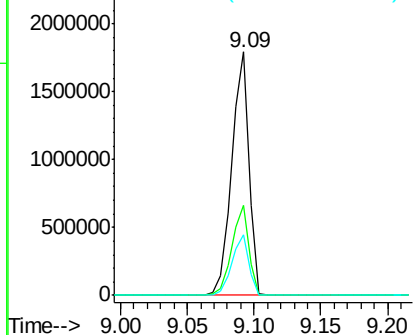
#44
2-Fluorobiphenyl
Concen: 92.490 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF101972.D
Acq: 10 Jan 2018 00:11

Instrument :
BNA_F
ClientSampleId :
MW-F

Tot Ion:172 Resp: 1639736
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.7 19.6 29.4

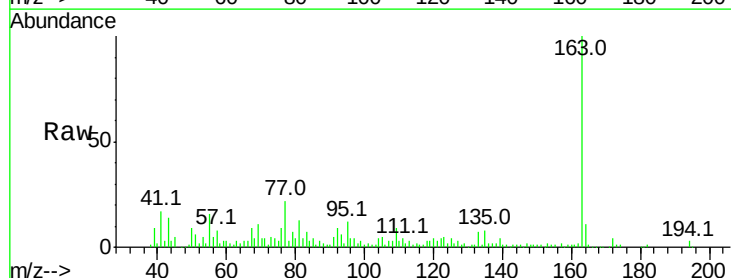


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

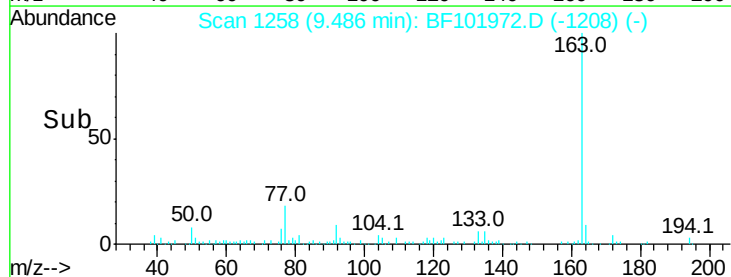
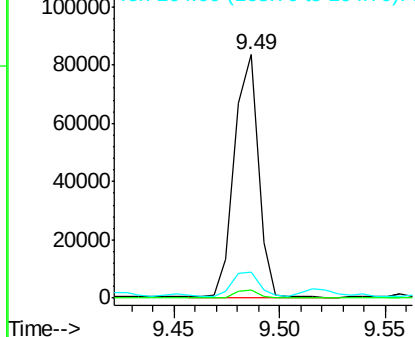


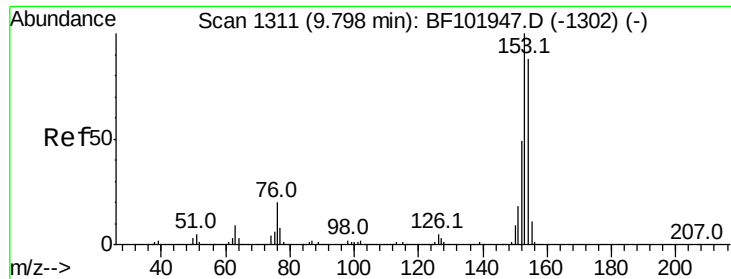
#49
Dimethylphthalate
Concen: 2.976 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF101972.D
Acq: 10 Jan 2018 00:11

Tgt Ion:163 Resp: 66132
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.6 8.2 12.2



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





#51

Acenaphthene

Concen: 5.868 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF101972.D

Acq: 10 Jan 2018 00:11

Instrument :

BNA_F

ClientSampleId :

MW-F

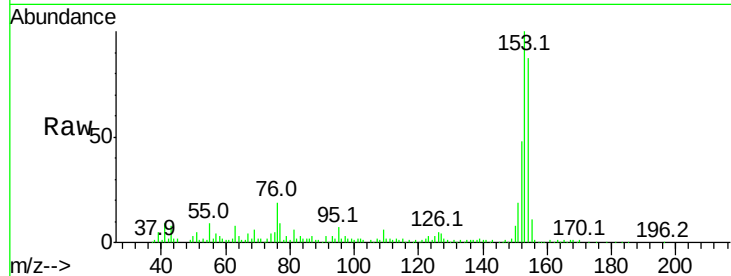
Tot Ion:154 Resp: 107306

Ion Ratio Lower Upper

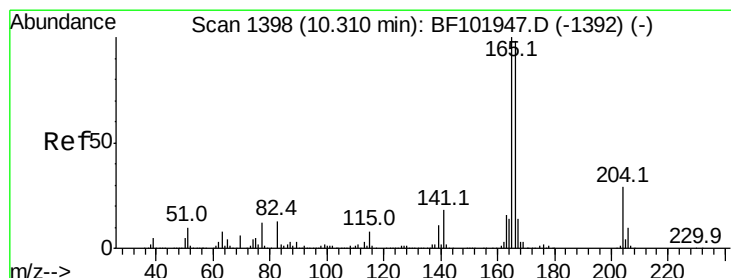
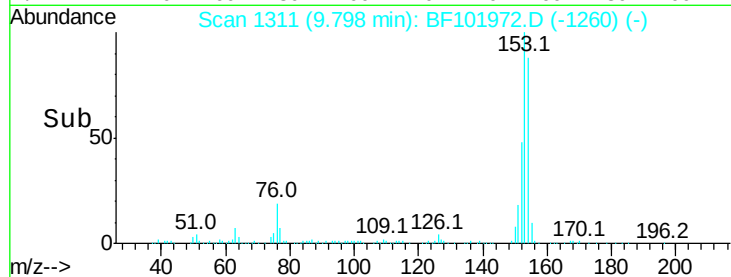
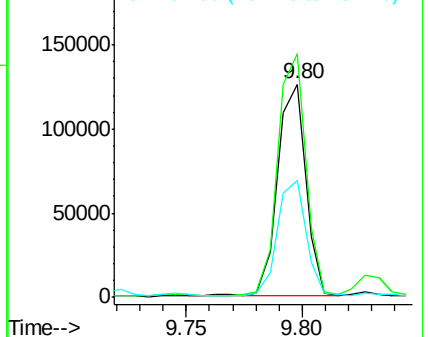
154 100

153 114.3 91.2 136.8

152 54.7 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



#57

Fluorene

Concen: 4.290 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF101972.D

Acq: 10 Jan 2018 00:11

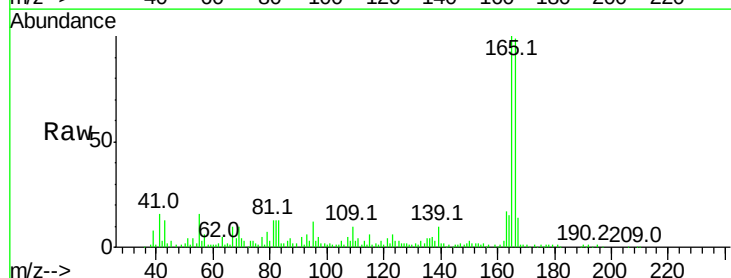
Tgt Ion:166 Resp: 74430

Ion Ratio Lower Upper

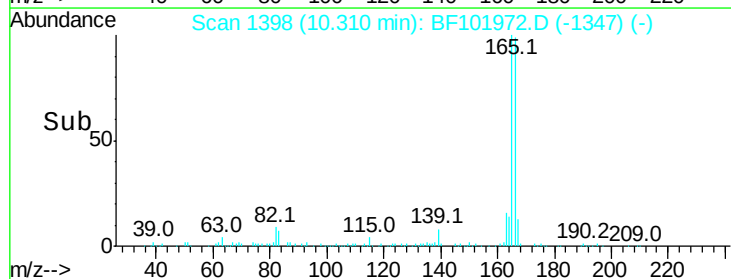
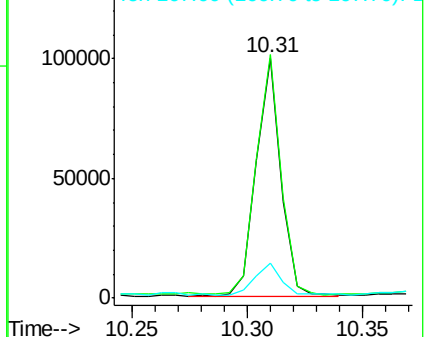
166 100

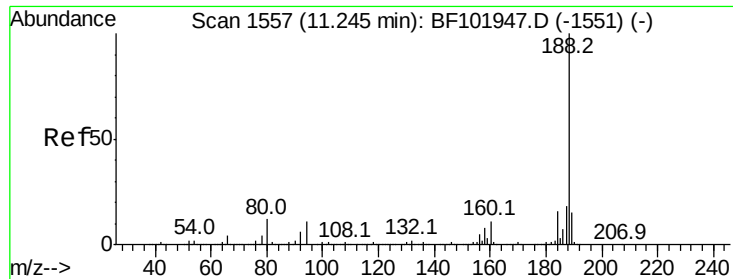
165 101.5 79.8 119.8

167 14.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

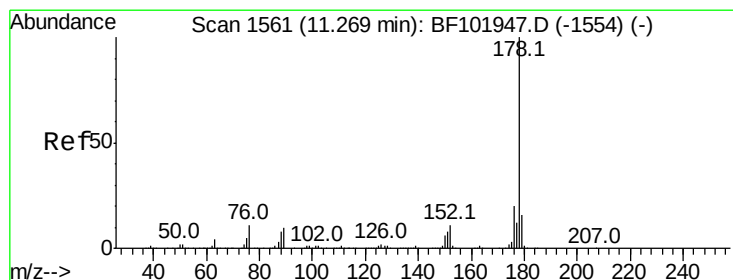
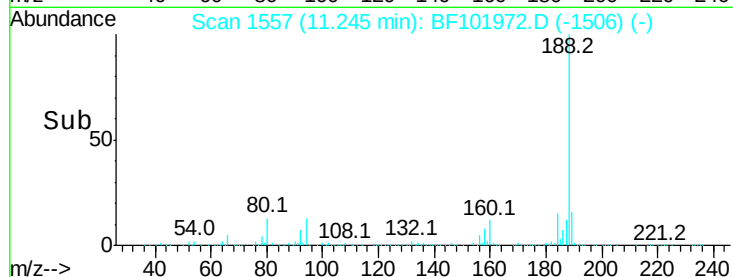
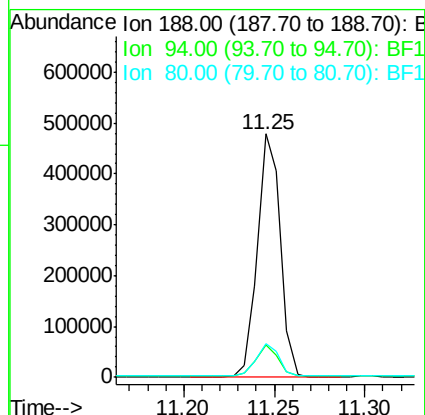
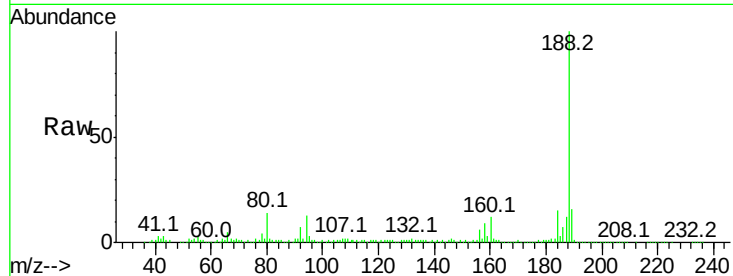




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF101972.D
Acq: 10 Jan 2018 00:11

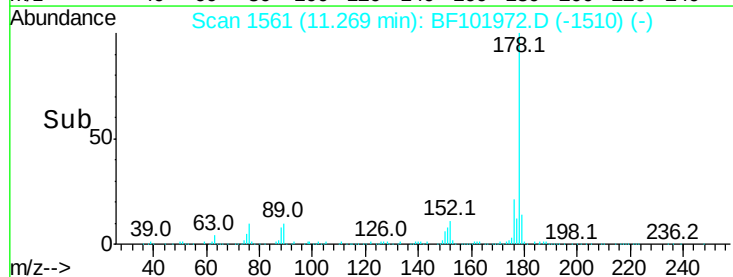
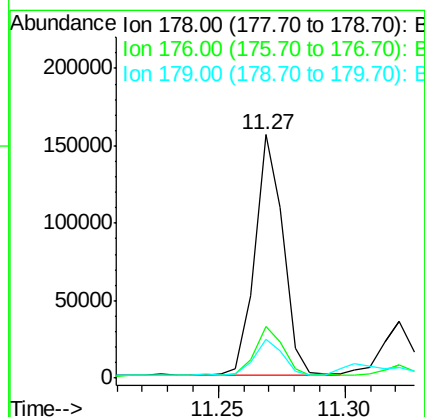
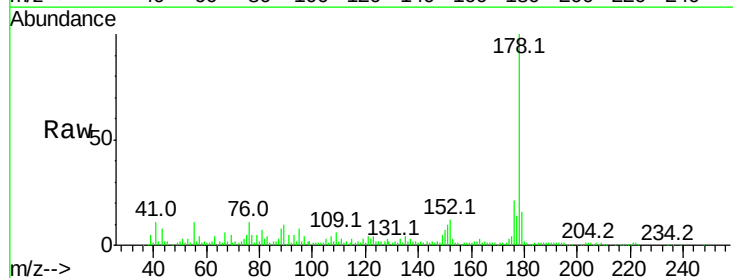
Instrument :
BNA_F
ClientSampleId :
MW-F

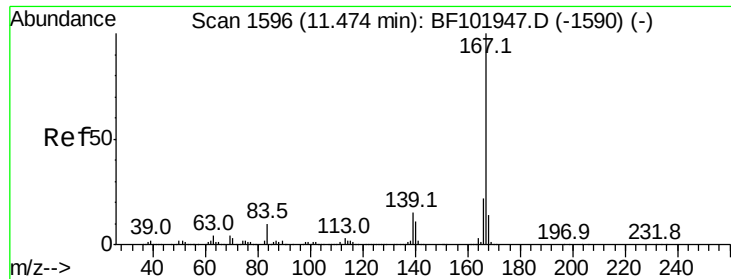
Tot Ion:188 Resp: 418994
Ion Ratio Lower Upper
188 100
94 13.4 8.5 12.7#
80 13.9 9.2 13.8#



#70
Phenanthrene
Concen: 4.896 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF101972.D
Acq: 10 Jan 2018 00:11

Tgt Ion:178 Resp: 119839
Ion Ratio Lower Upper
178 100
176 21.2 15.8 23.8
179 15.7 13.0 19.6





#72

Carbazole

Concen: 4.803 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF101972.D

Acq: 10 Jan 2018 00:11

Instrument :

BNA_F

ClientSampleId :

MW-F

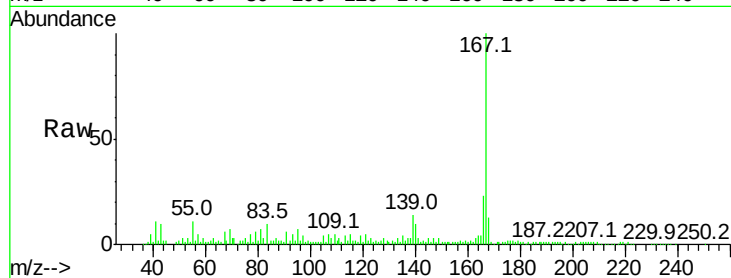
Tot Ion:167 Resp: 117172

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

139 14.4 10.9 16.3



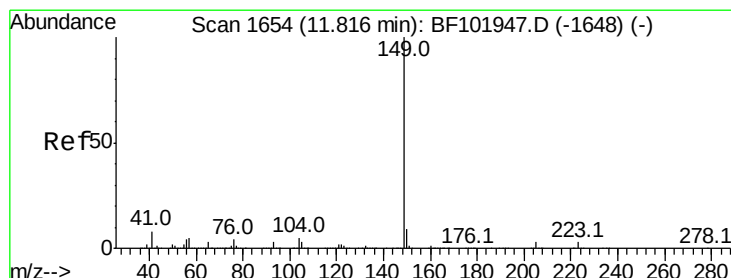
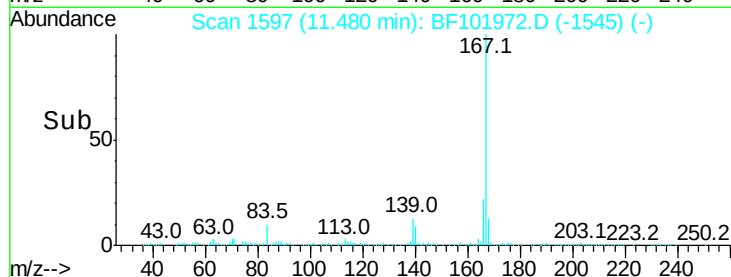
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.48

Time-->



#73

Di-n-butylphthalate

Concen: 2.182 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF101972.D

Acq: 10 Jan 2018 00:11

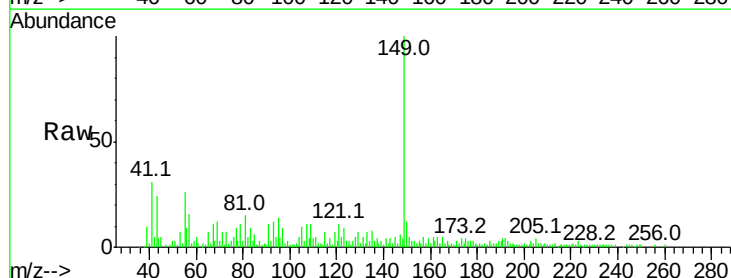
Tgt Ion:149 Resp: 65307

Ion Ratio Lower Upper

149 100

150 11.6 7.8 11.6

104 5.1 3.8 5.8



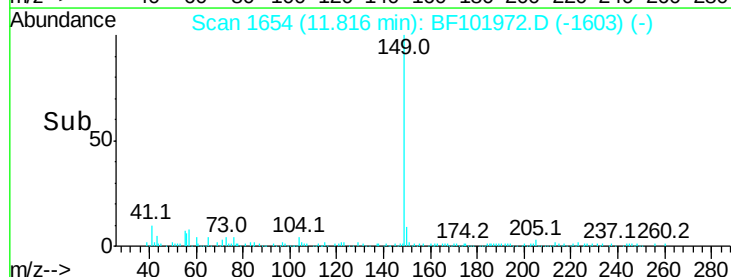
Abundance Ion 149.00 (148.70 to 149.70): E

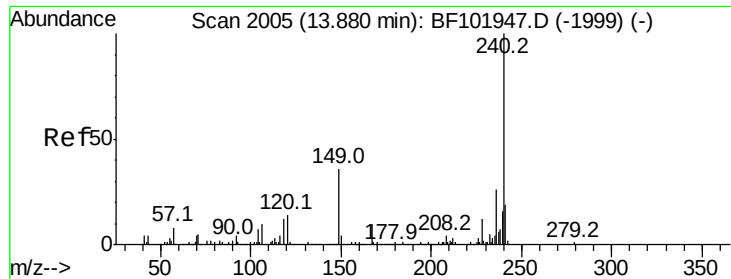
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.82

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF101972.D

Acq: 10 Jan 2018 00:11

Instrument :

BNA_F

ClientSampled :

MW-F

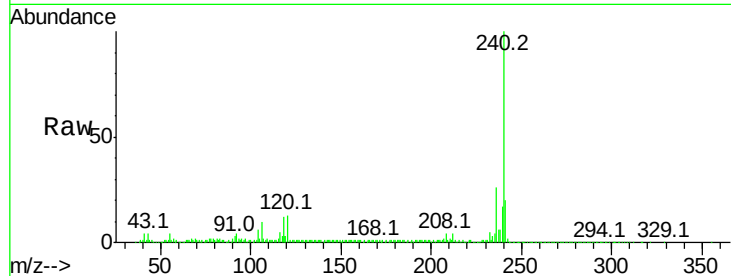
Tot Ion:240 Resp: 410766

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

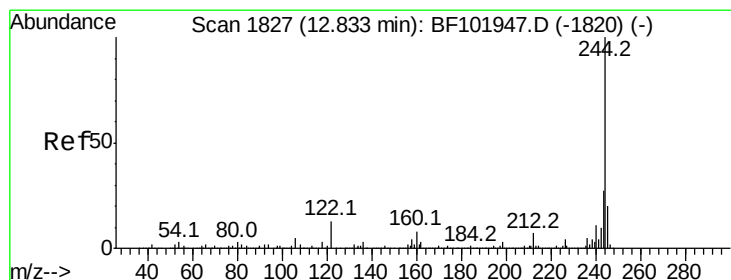
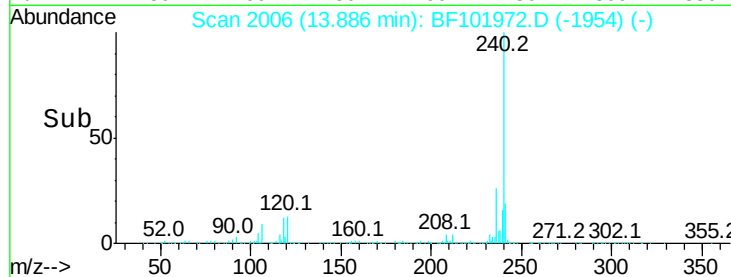
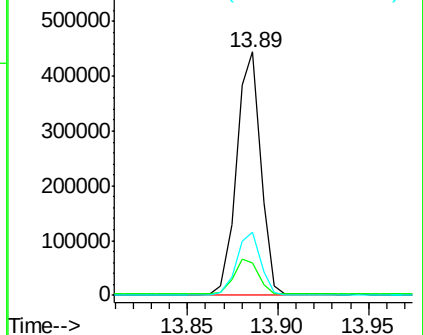
236 25.8 20.7 31.1



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: 60.980 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF101972.D

Acq: 10 Jan 2018 00:11

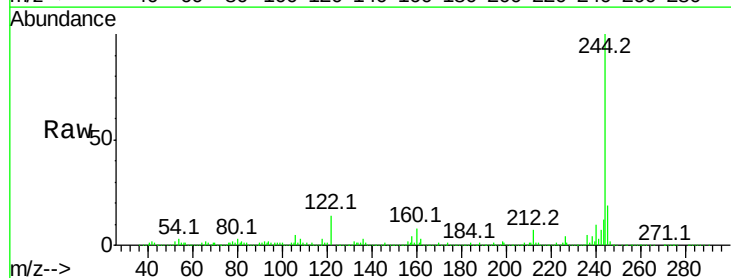
Tgt Ion:244 Resp: 1206426

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

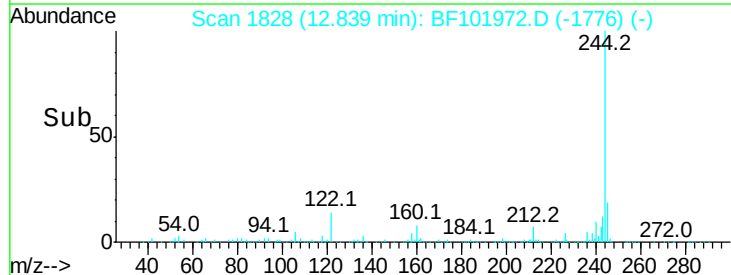
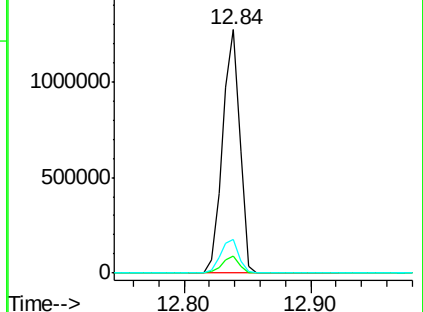
122 13.8 11.0 16.4

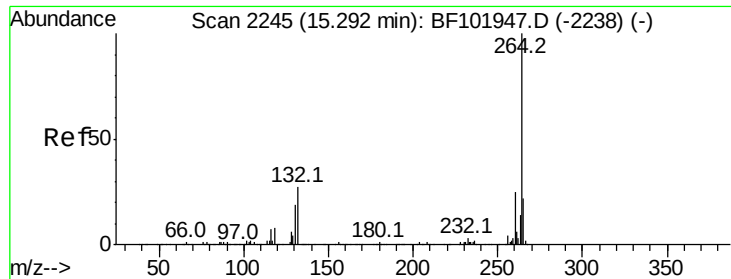


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



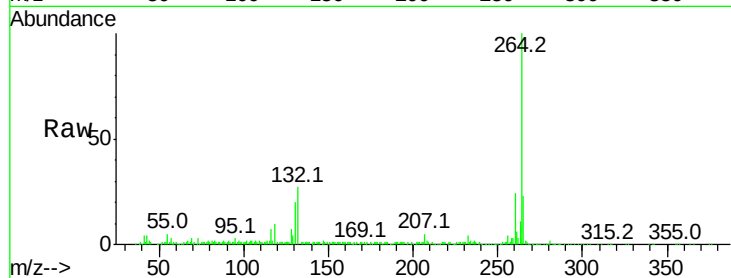


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF101972.D
Acq: 10 Jan 2018 00:11

Instrument :
BNA_F
ClientSampleId :
MW-F

Tot Ion: 264 Resp: 285682

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.5	17.5	26.3



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

