

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101974.D
 Acq On : 10 Jan 2018 1:04
 Operator : SJ/JU
 Sample : J1049-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-B

Quant Time: Jan 10 11:29:04 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

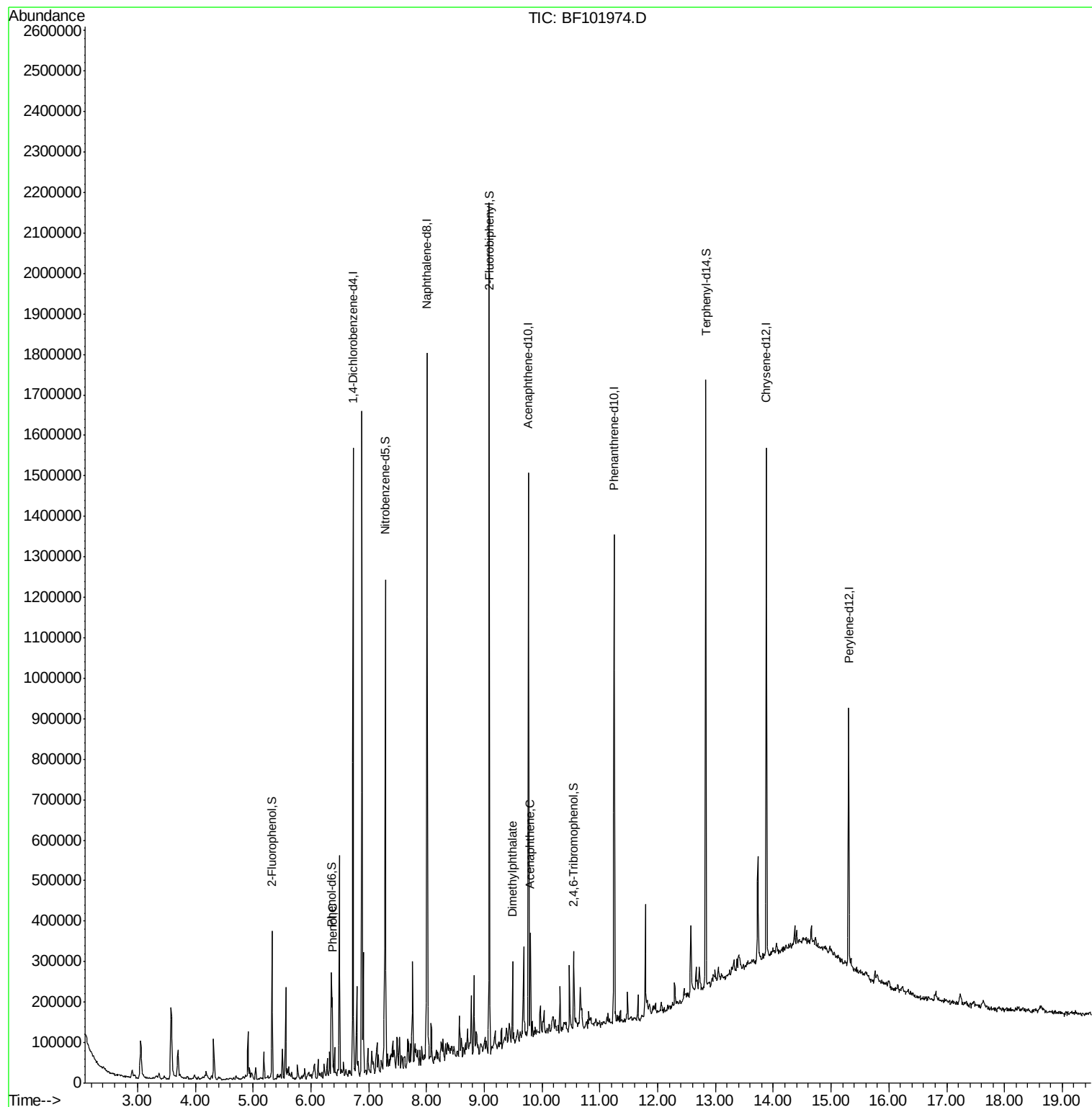
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	196833	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	702872	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	234352	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	383927	20.00	ng	0.00
75) Chrysene-d12	13.88	240	390570	20.00	ng	0.00
86) Perylene-d12	15.30	264	268943	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	87310	6.26	ng	0.00
7) Phenol-d6	6.36	99	75427	4.54	ng	0.00
23) Nitrobenzene-d5	7.29	82	361743	30.24	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	16291	7.97	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	557609	37.17	ng	0.00
78) Terphenyl-d14	12.83	244	444019	23.60	ng	0.00
Target Compounds						
10) Phenol	6.37	94	46244	2.460	ng	96
49) Dimethylphthalate	9.49	163	76963	4.094	ng	99
51) Acenaphthene	9.79	154	55233	3.570	ng	97

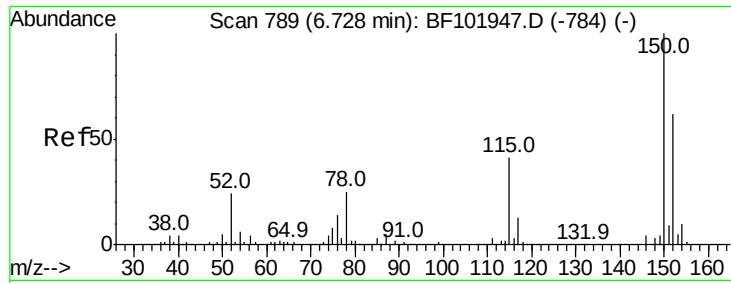
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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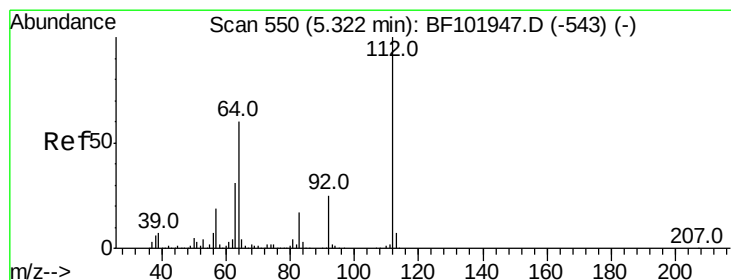
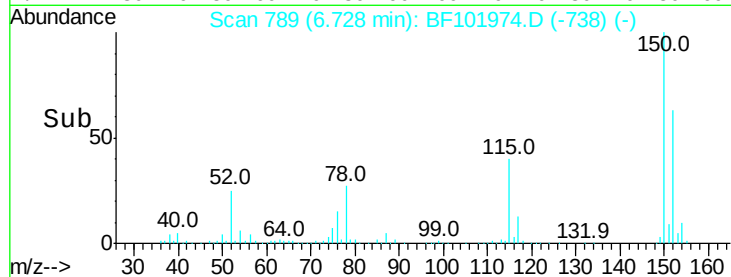
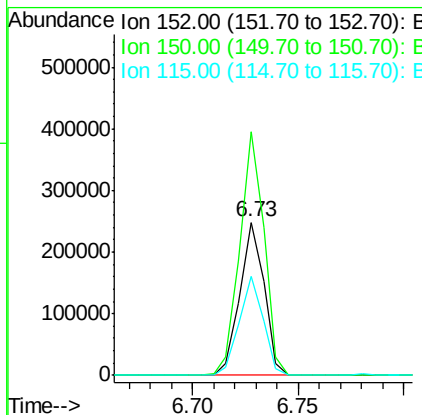
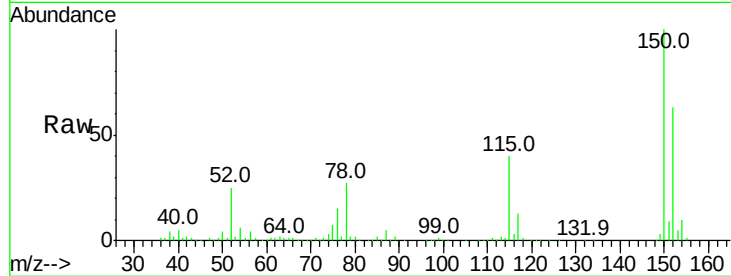


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101974.D
Acq: 10 Jan 2018 1:04

Instrument :
BNA_F
ClientSampleId :
MW-B

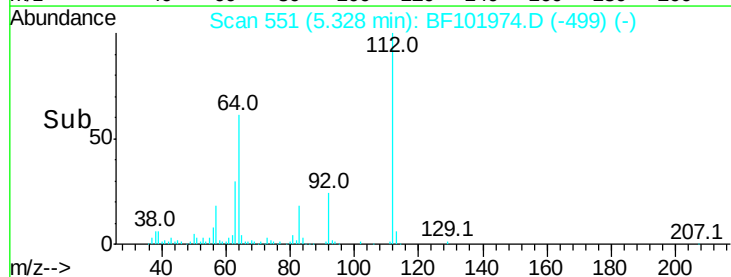
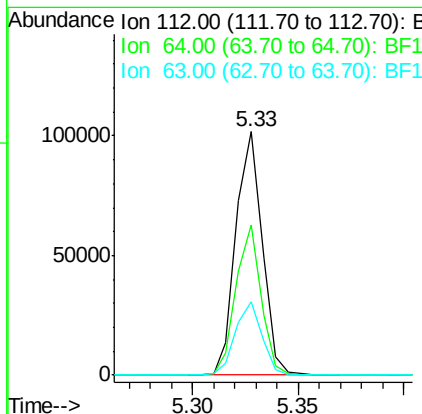
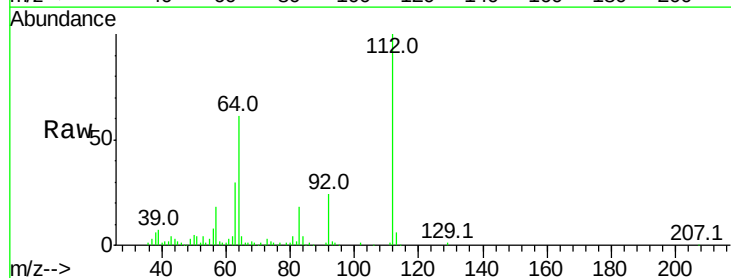
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	64.3	50.1	75.1

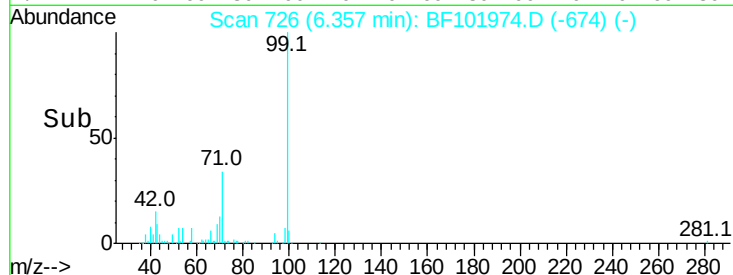
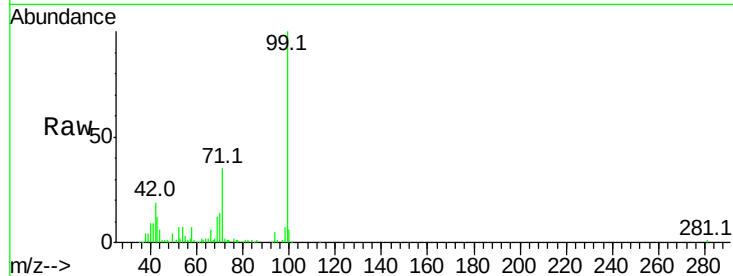
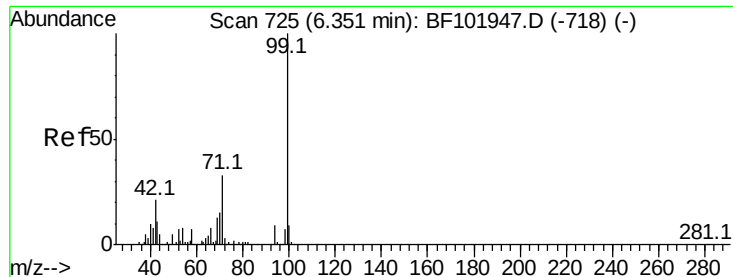


#5

2-Fluorophenol
Concen: 6.264 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF101974.D
Acq: 10 Jan 2018 1:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 4.535 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101974.D

Acq: 10 Jan 2018 1:04

Instrument :

BNA_F

ClientSampleId :

MW-B

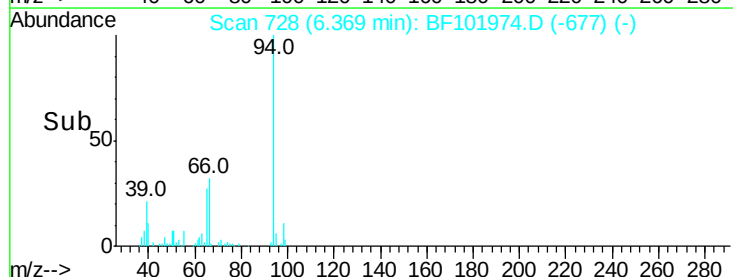
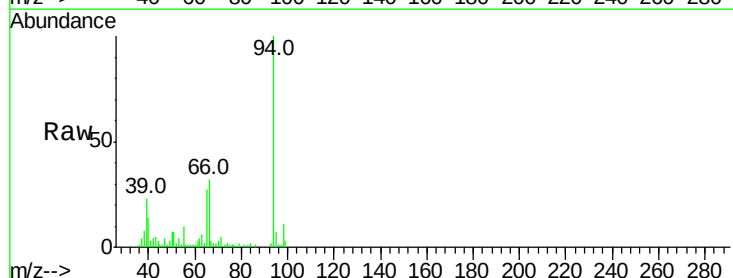
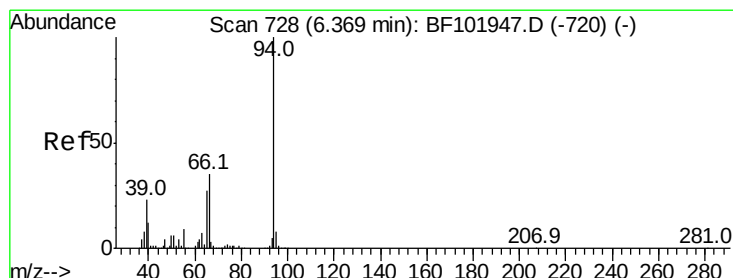
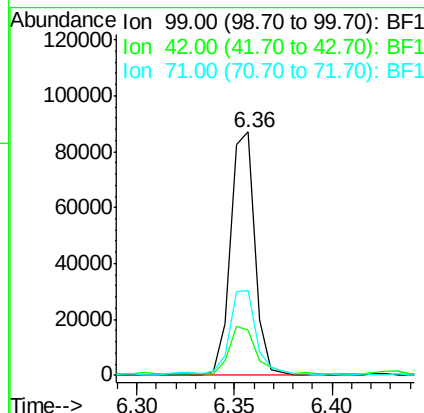
Tot Ion: 99 Resp: 75427

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 34.7 25.4 38.0



#10

Phenol

Concen: 2.460 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF101974.D

Acq: 10 Jan 2018 1:04

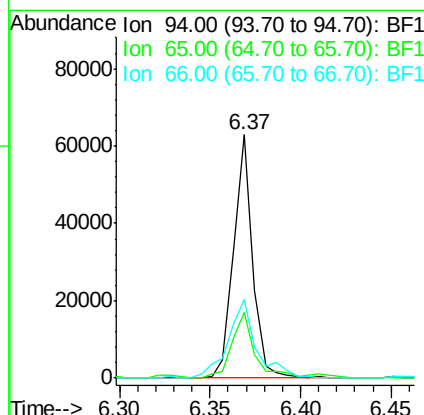
Tgt Ion: 94 Resp: 46244

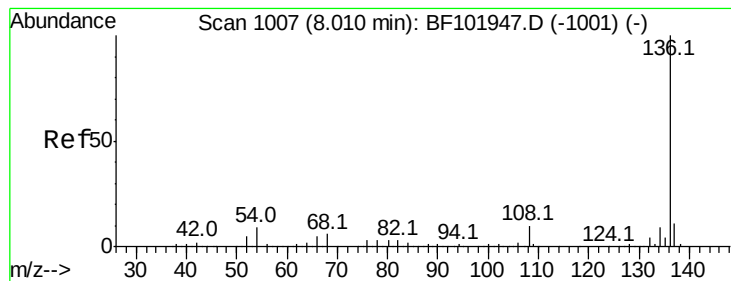
Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 32.4 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: BF101974.D

Acq: 10 Jan 2018 1:04

Instrument :

BNA_F

ClientSampleId :

MW-B

Tot Ion:136 Resp: 702872

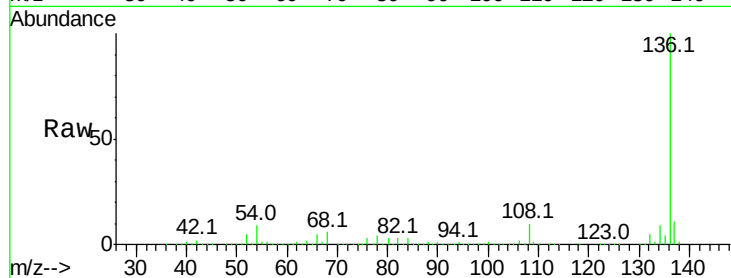
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

68 6.3 5.0 7.4

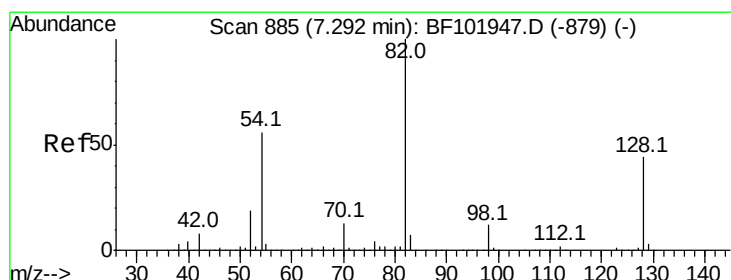
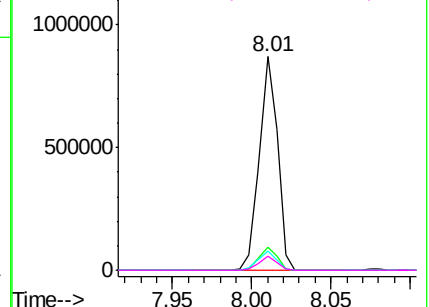
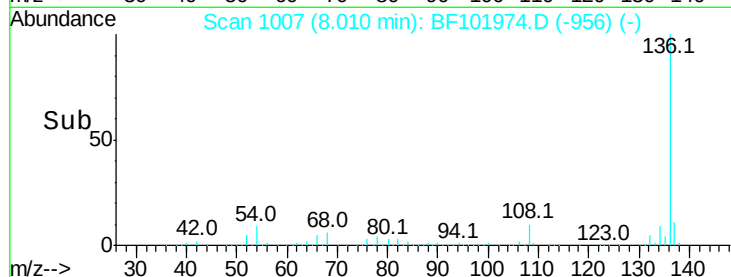


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.244 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF101974.D

Acq: 10 Jan 2018 1:04

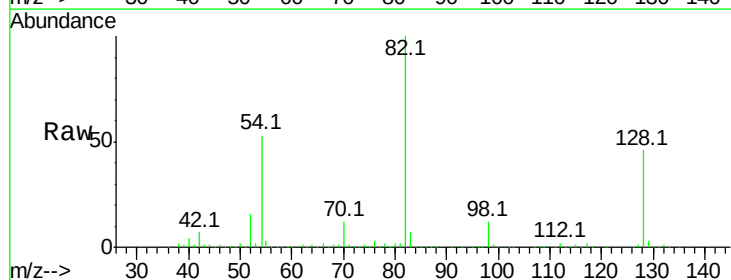
Tgt Ion: 82 Resp: 361743

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

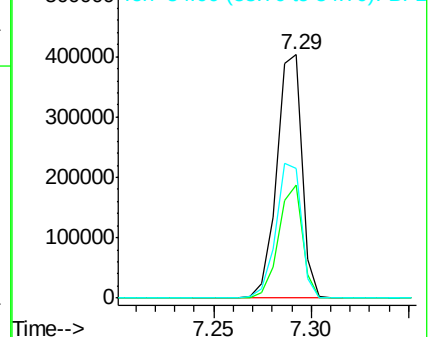
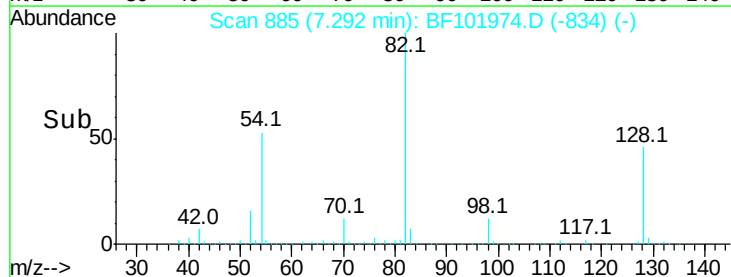
54 53.3 41.4 62.2

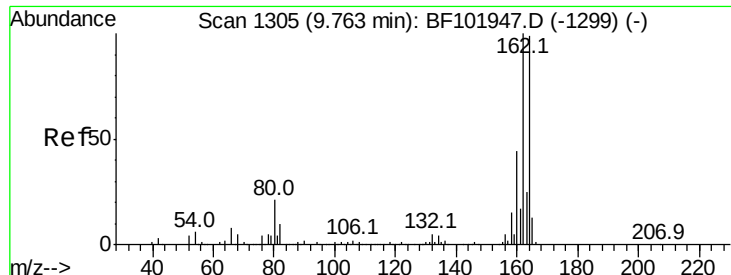


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

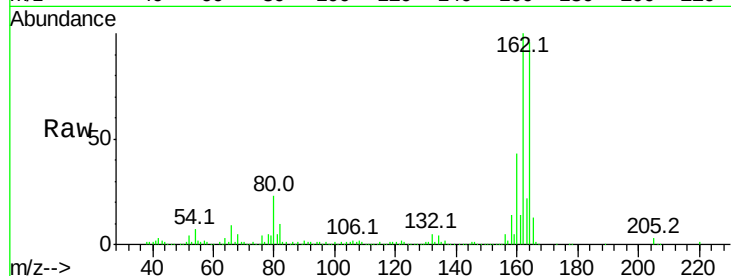




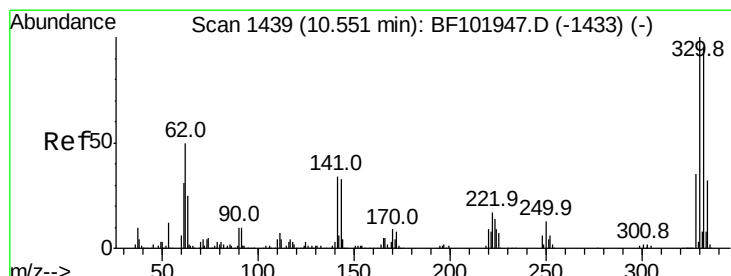
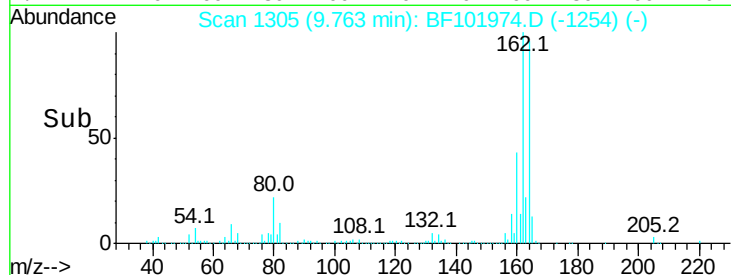
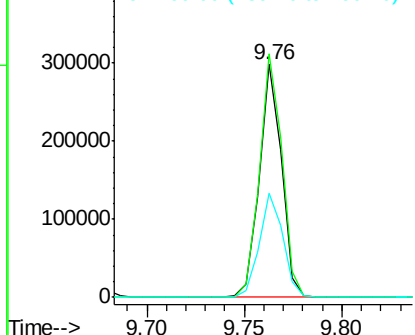
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF101974.D
 Acq: 10 Jan 2018 1:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-B

Tot Ion:164 Resp: 234352
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 44.9 38.3 57.5

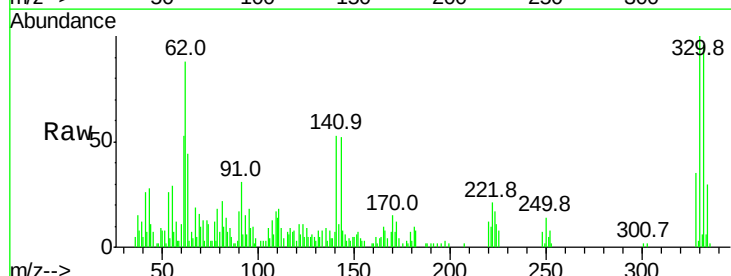


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

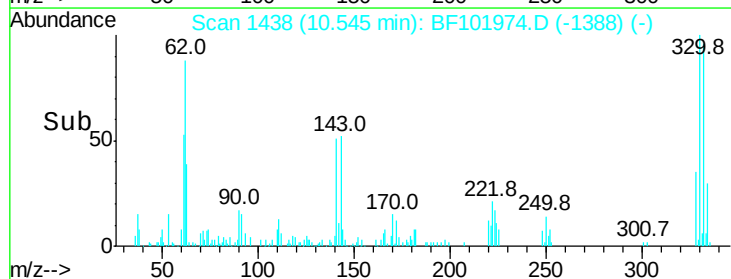
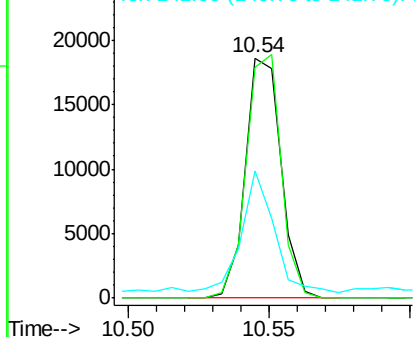


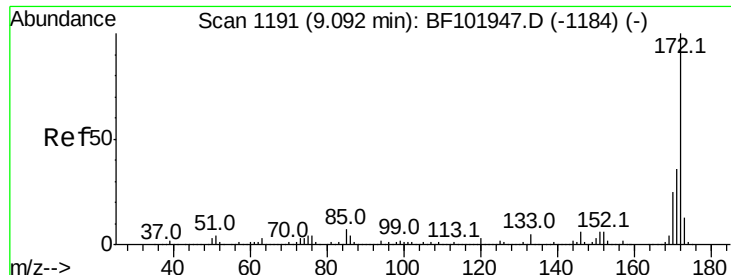
#41
 2,4,6-Tribromophenol
 Concen: 7.966 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF101974.D
 Acq: 10 Jan 2018 1:04

Tgt Ion:330 Resp: 16291
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.0 115.6
 141 47.0 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

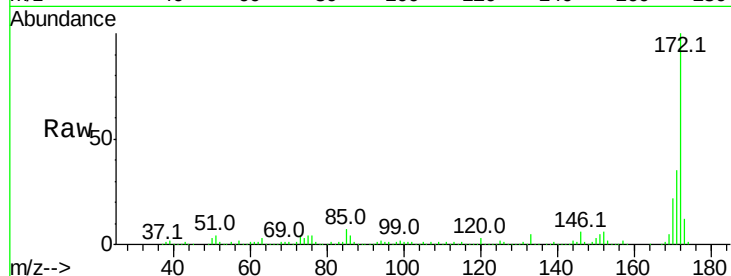




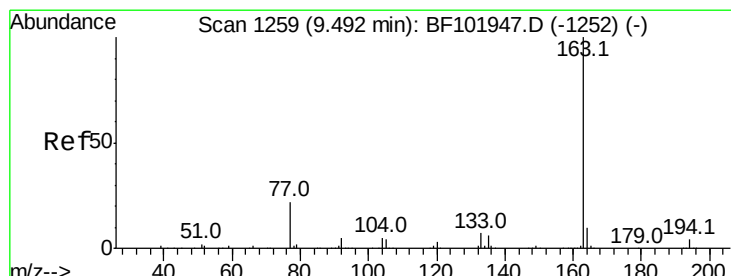
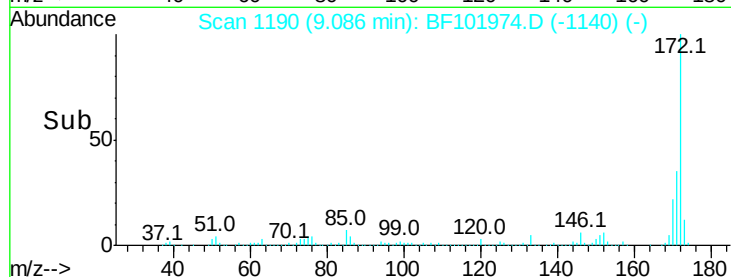
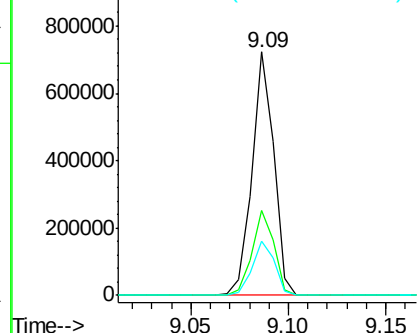
#44
2-Fluorobiphenyl
Concen: 37.172 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF101974.D
Acq: 10 Jan 2018 1:04

Instrument :
BNA_F
ClientSampleId :
MW-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	22.4	19.6	29.4

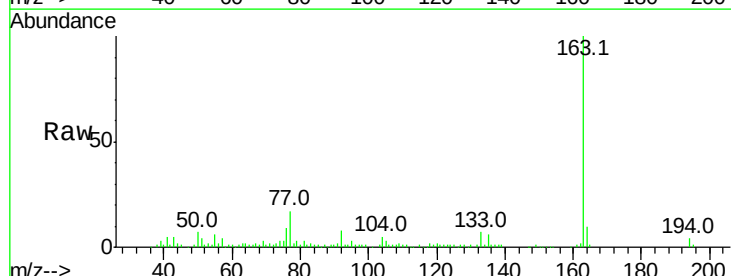


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

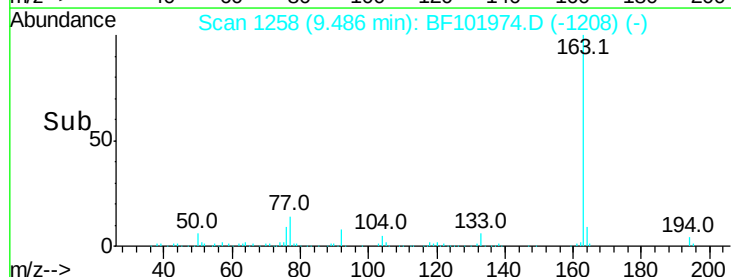
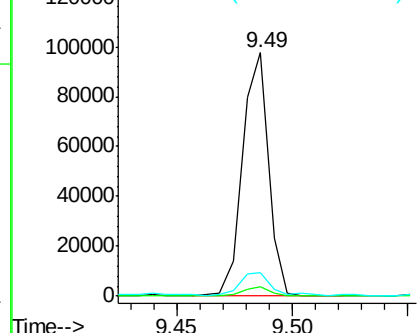


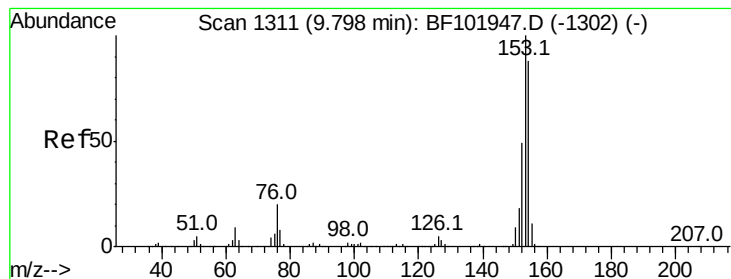
#49
Dimethylphthalate
Concen: 4.094 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF101974.D
Acq: 10 Jan 2018 1:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	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: 3.570 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF101974.D

Acq: 10 Jan 2018 1:04

Instrument :

BNA_F

ClientSampled :

MW-B

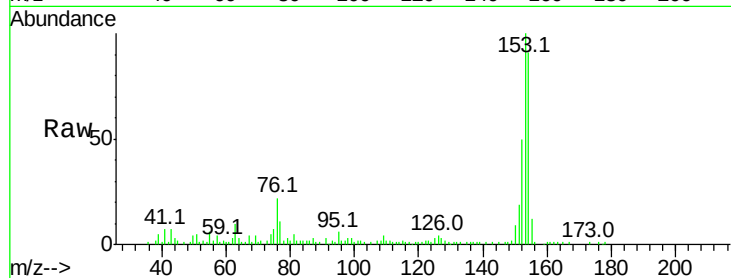
Tot Ion:154 Resp: 55233

Ion Ratio Lower Upper

154 100

153 109.8 91.2 136.8

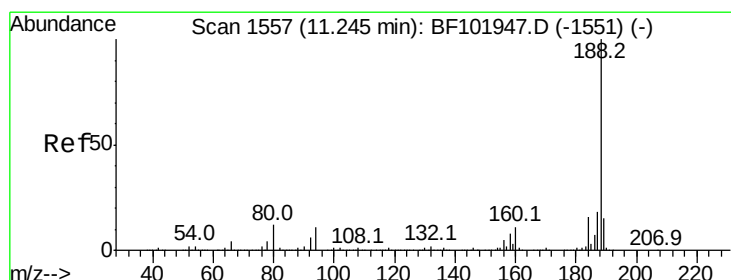
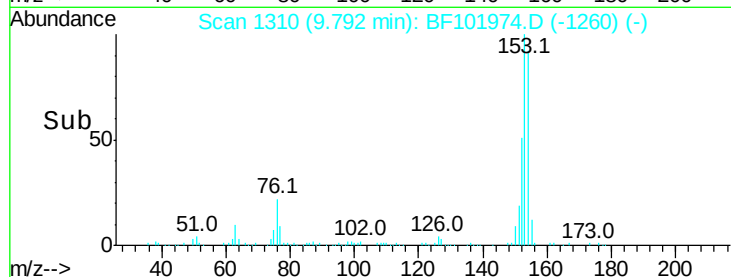
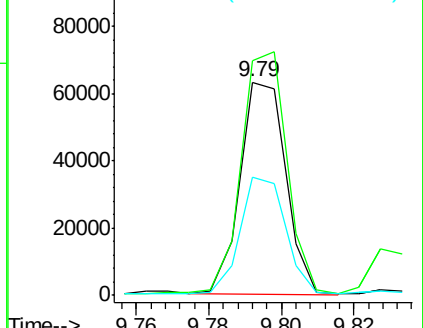
152 55.2 43.8 65.8



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: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF101974.D

Acq: 10 Jan 2018 1:04

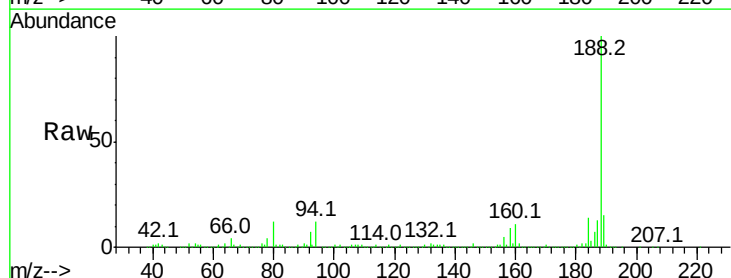
Tgt Ion:188 Resp: 383927

Ion Ratio Lower Upper

188 100

94 12.0 8.5 12.7

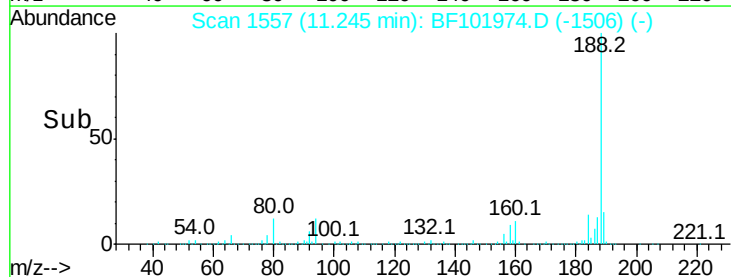
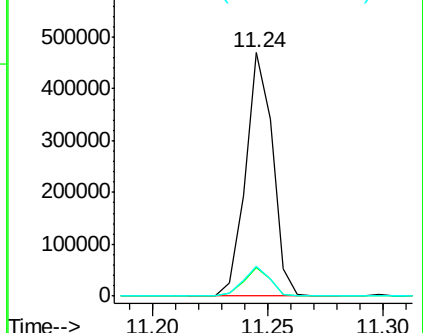
80 12.5 9.2 13.8

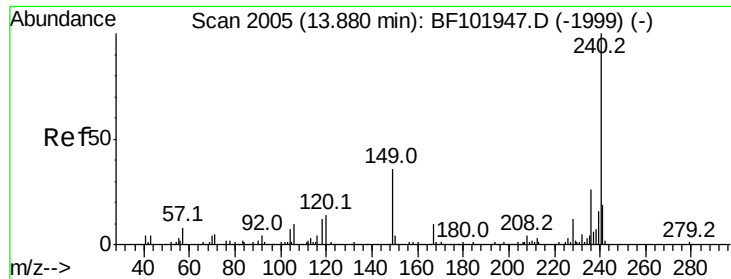


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF101974.D

Acq: 10 Jan 2018 1:04

Instrument :

BNA_F

ClientSampleId :

MW-B

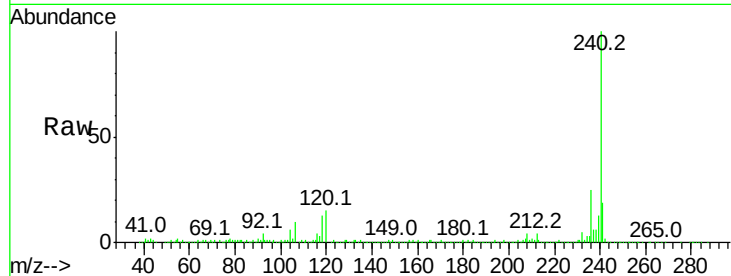
Tot Ion:240 Resp: 390570

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

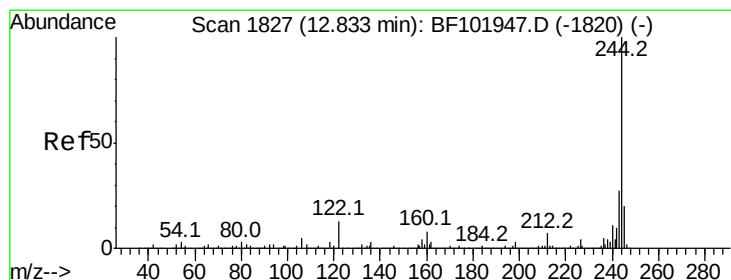
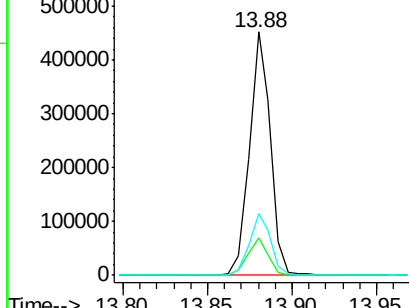
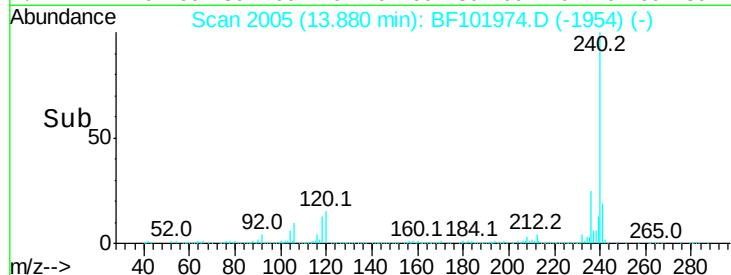
236 25.4 20.7 31.1



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: 23.604 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF101974.D

Acq: 10 Jan 2018 1:04

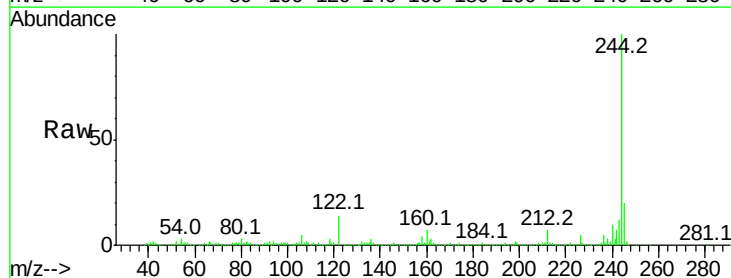
Tgt Ion:244 Resp: 444019

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

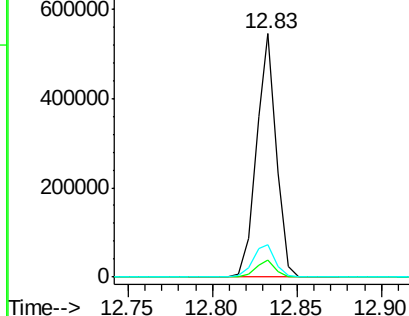
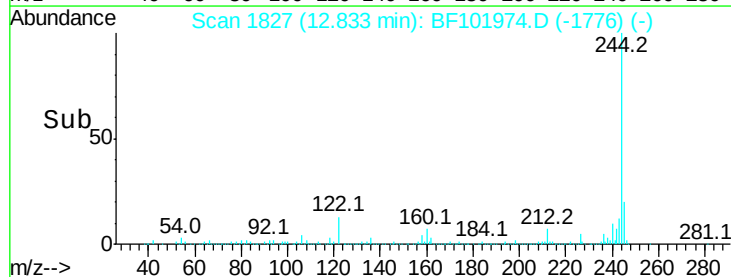
122 13.5 11.0 16.4

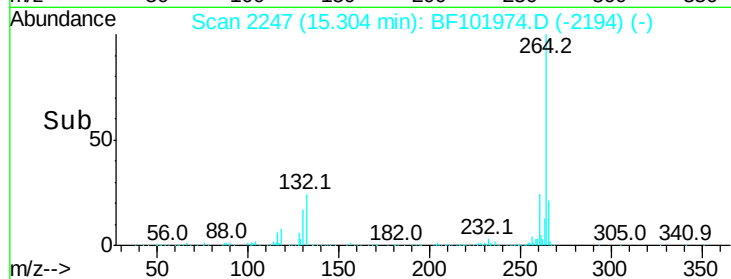
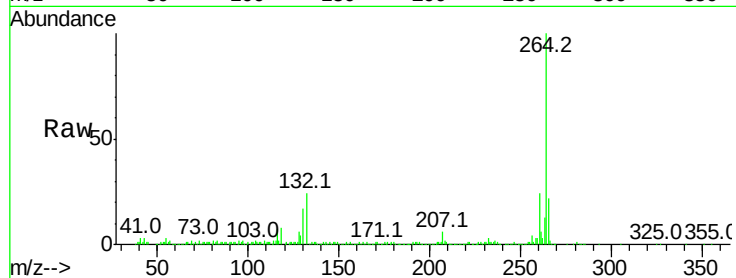
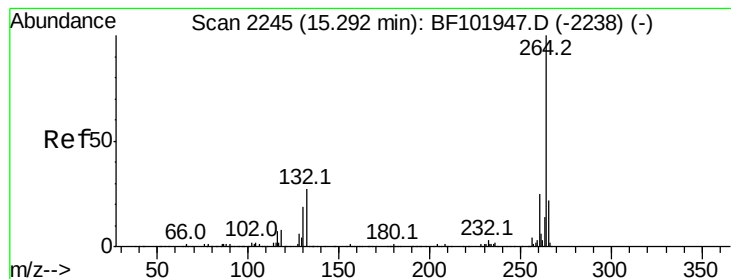


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF101974.D

Acq: 10 Jan 2018 1:04

Instrument :

BNA_F

ClientSampleId :

MW-B

Tot Ion:264 Resp: 268943

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.7 17.5 26.3

