

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 :

Quant Time: Jan 10 03:26:02 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

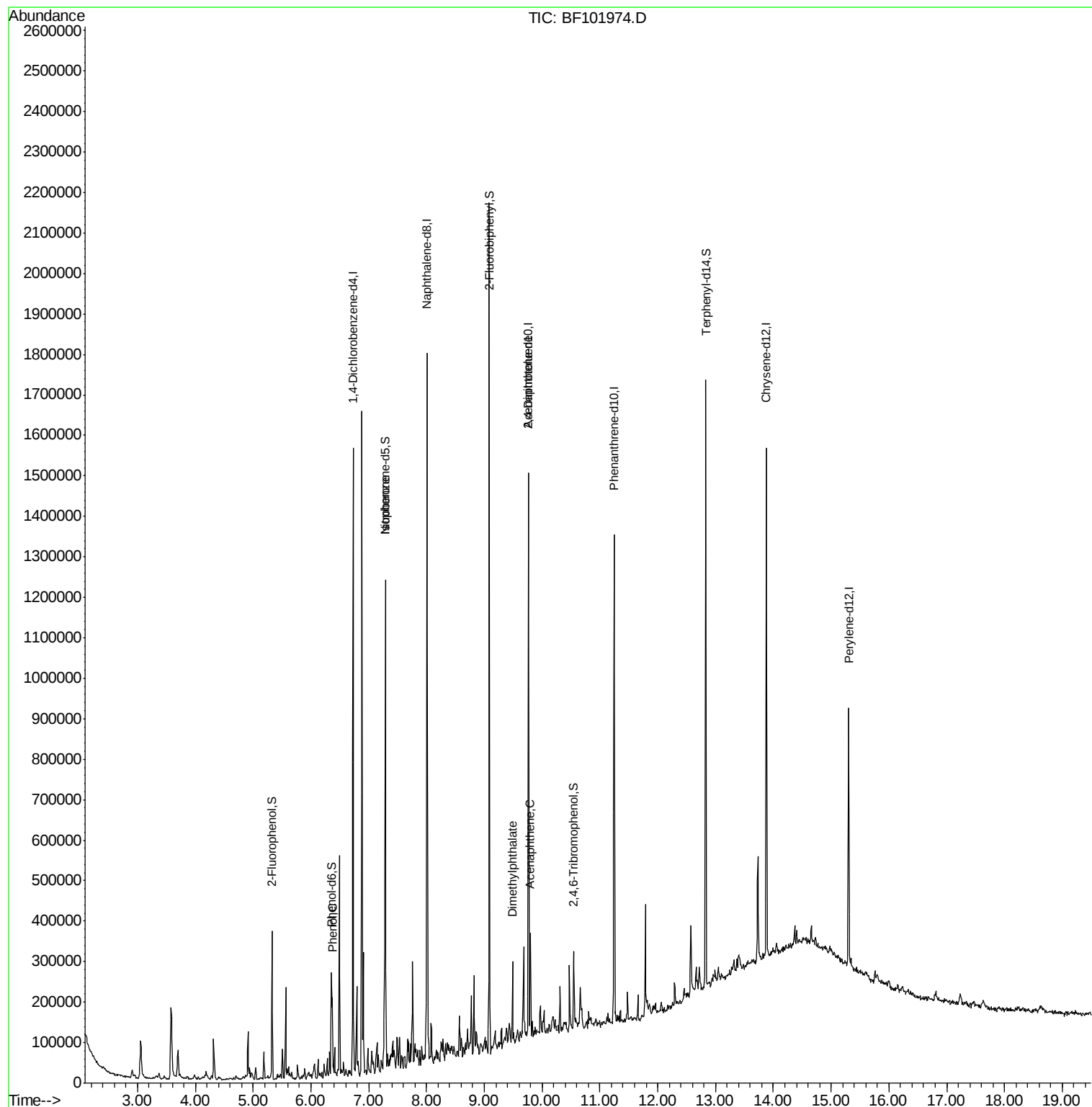
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	196833	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	702872	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	234352	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	383927	20.00	ng	0.00
75) Chrysene-d12	13.88	240	390570	20.00	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
25) Isophorone	7.29	82	358216	15.157	ng	# 64
49) Dimethylphthalate	9.49	163	76963	4.094	ng	99
51) Acenaphthene	9.79	154	55233	3.570	ng	97
56) 2,4-Dinitrotoluene	9.76	165	31223	6.634	ng	# 24

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

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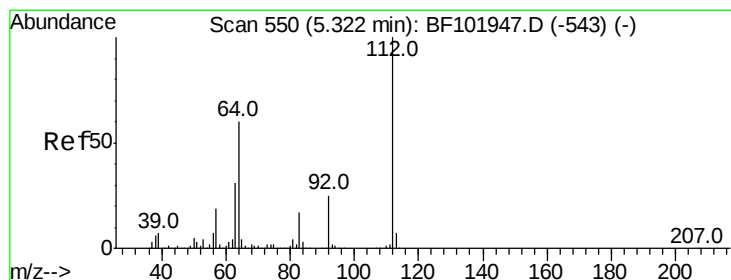
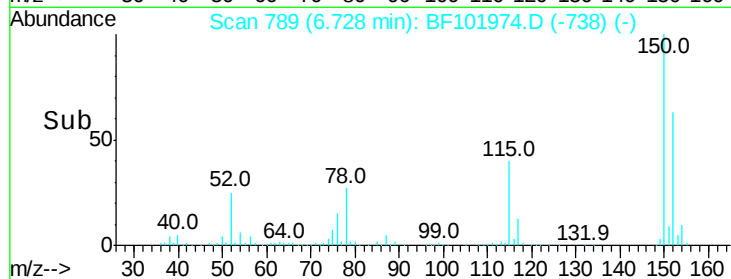
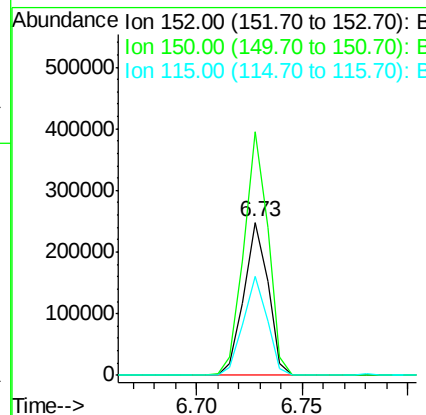
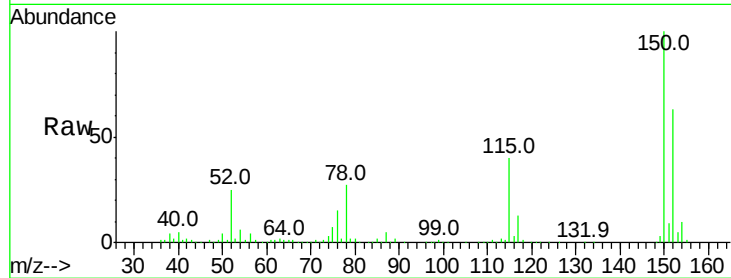


#1

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 :

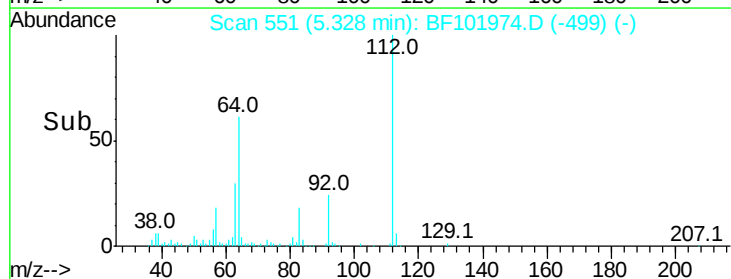
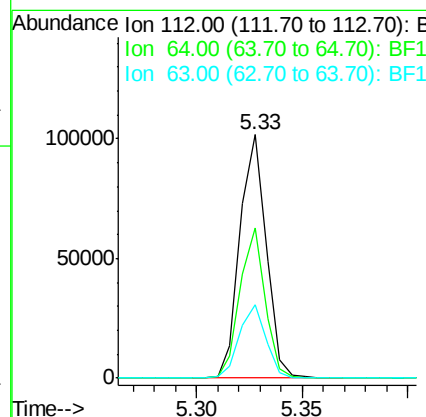
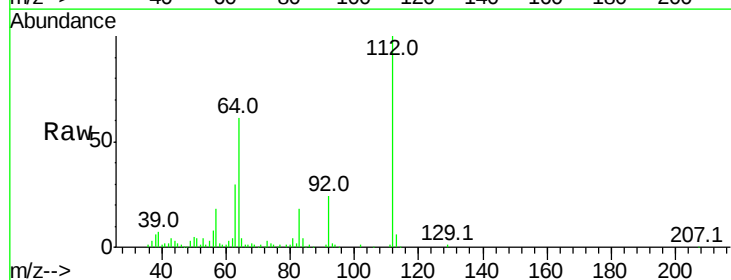
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	64.3	50.1	75.1

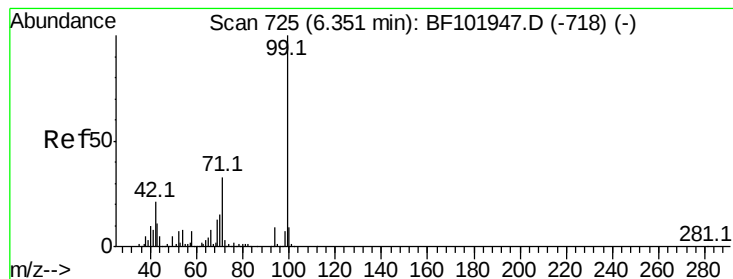


#5

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

ClientSampled :

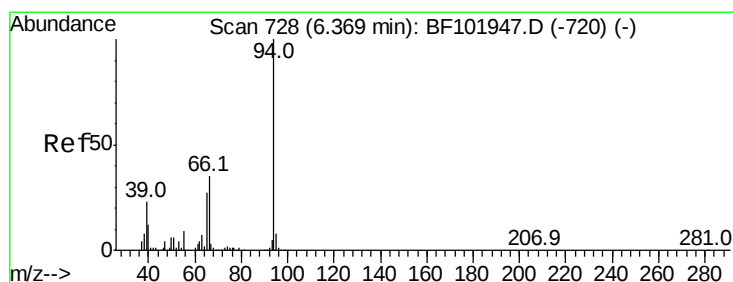
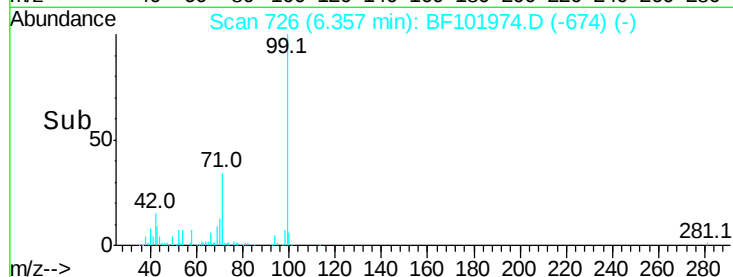
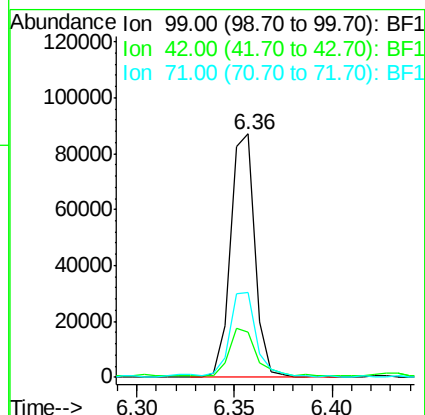
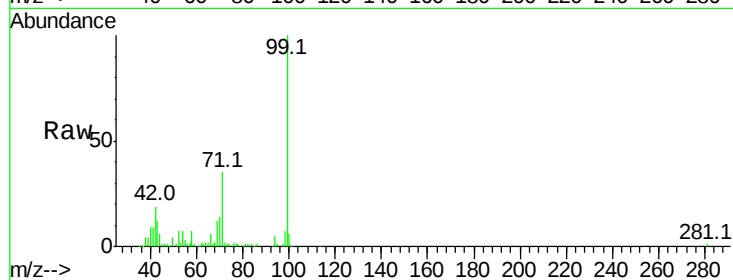
Tot Ion: 99 Resp: 75427

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

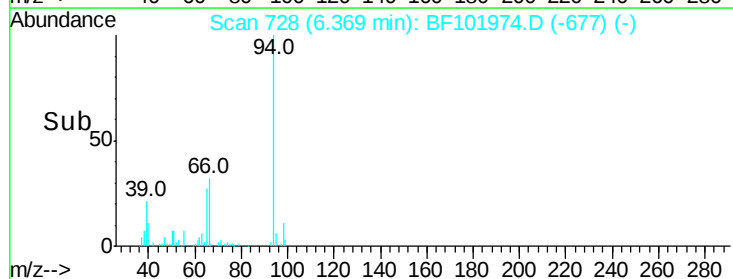
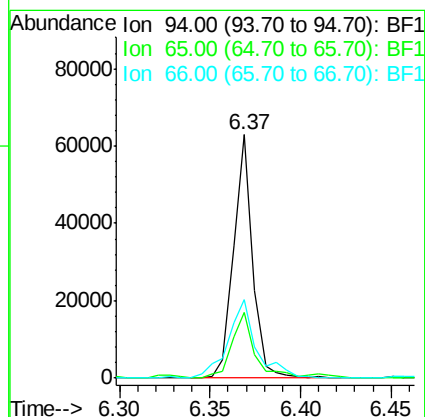
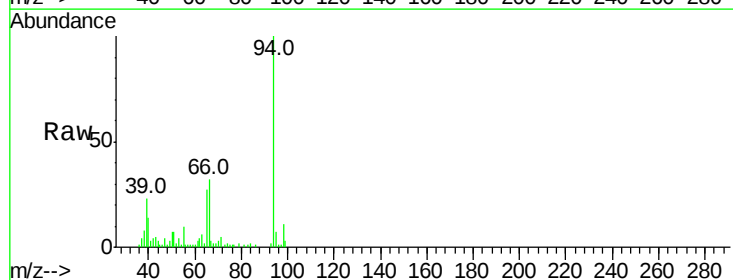
Tgt Ion: 94 Resp: 46244

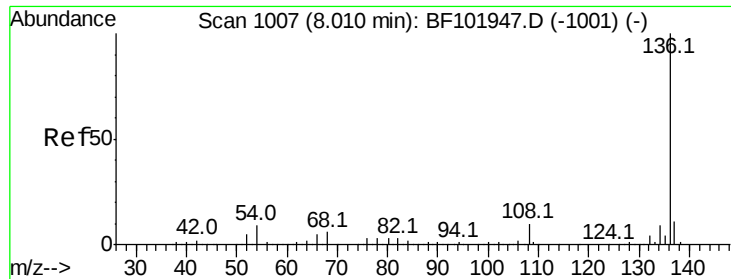
Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 32.4 16.2 56.2

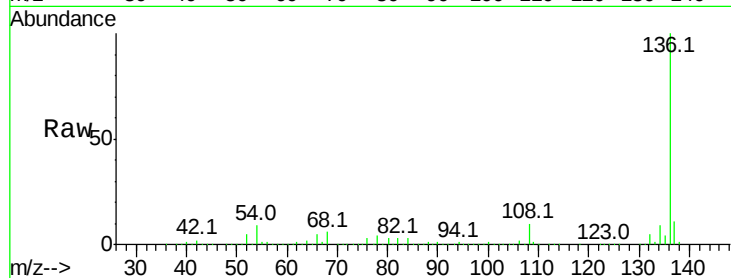




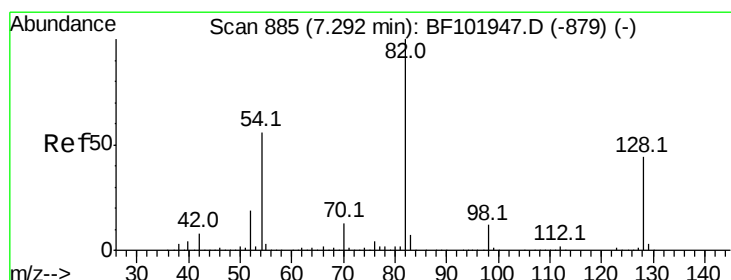
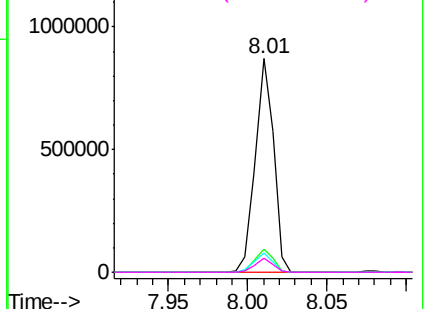
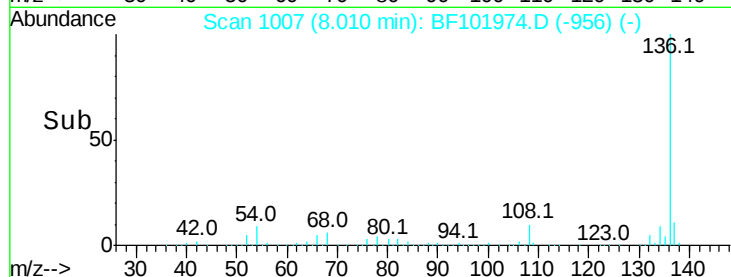
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF101974.D
Acq: 10 Jan 2018 1:04

Instrument :
BNA_F
ClientSampled :

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

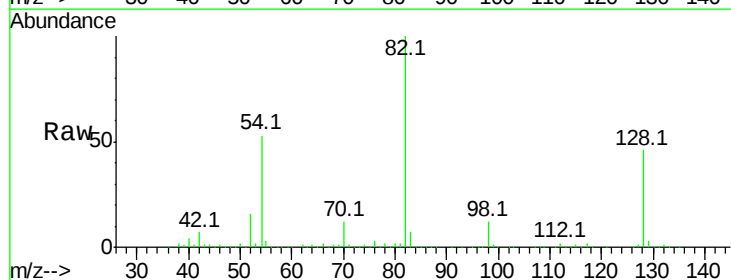


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

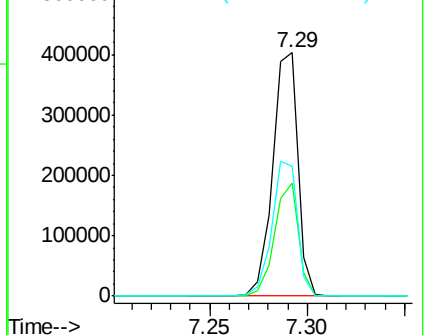
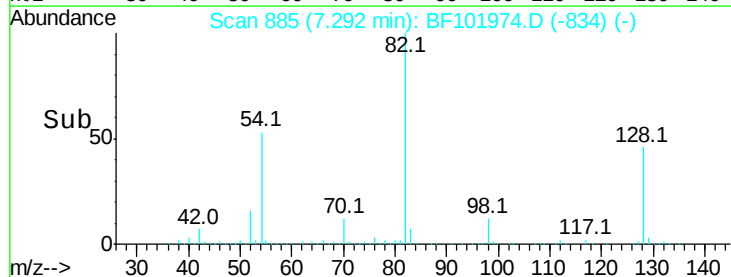


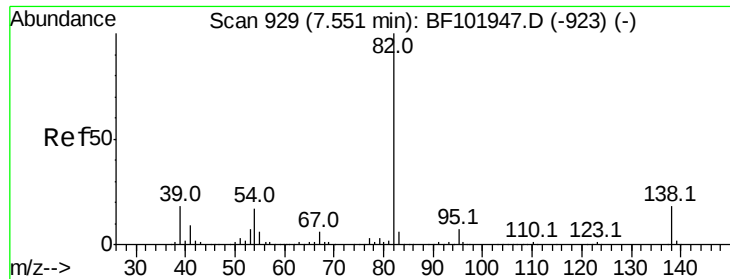
#23
Nitrobenzene-d5
Concen: 30.244 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF101974.D
Acq: 10 Jan 2018 1:04

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





#25

Isophorone

Concen: 15.157 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF101974.D

Acq: 10 Jan 2018 1:04

Instrument :

BNA_F

ClientSampleId :

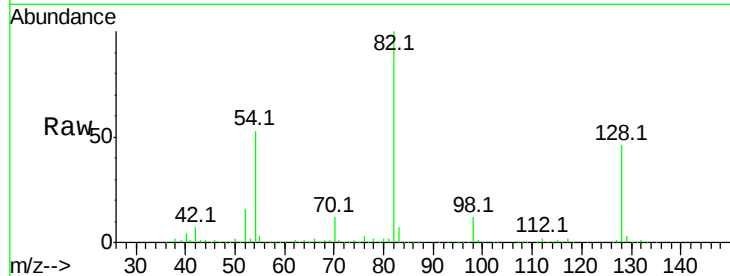
Tot Ion: 82 Resp: 358216

Ion Ratio Lower Upper

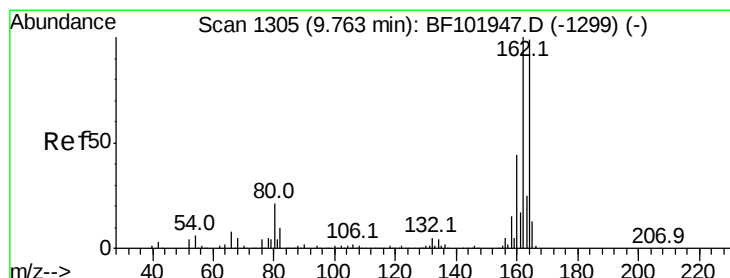
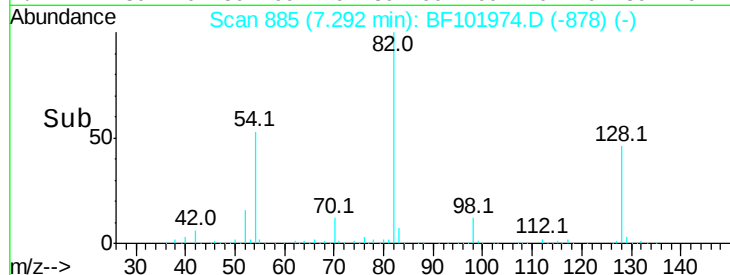
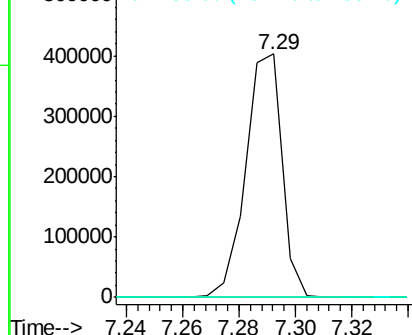
82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): 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

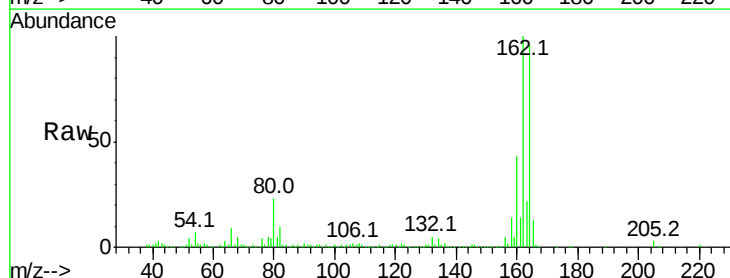
Tgt Ion:164 Resp: 234352

Ion Ratio Lower Upper

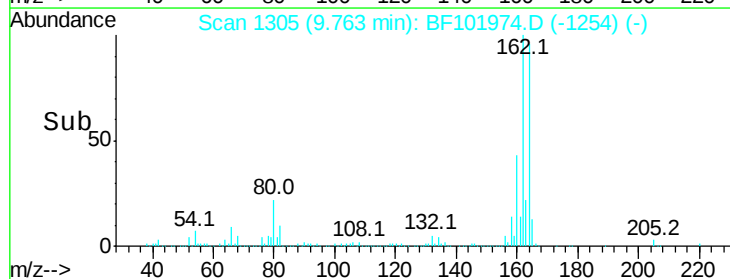
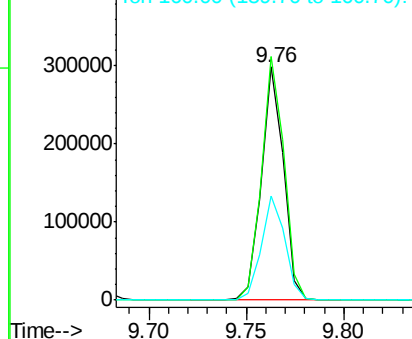
164 100

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

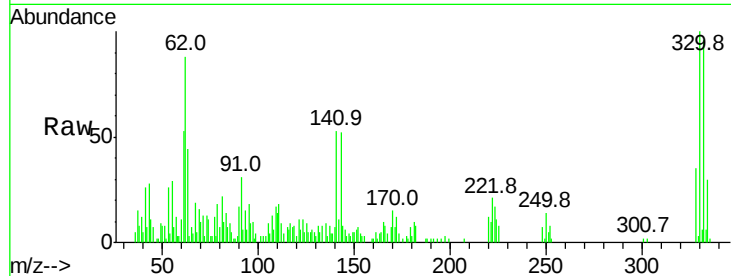




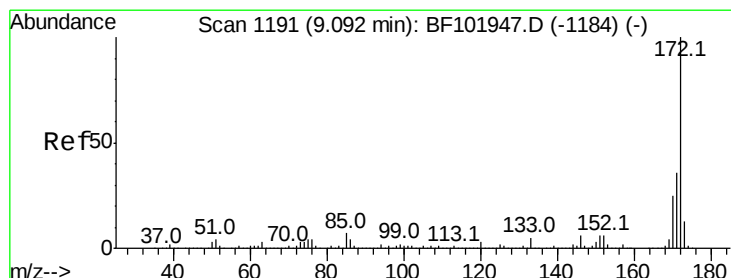
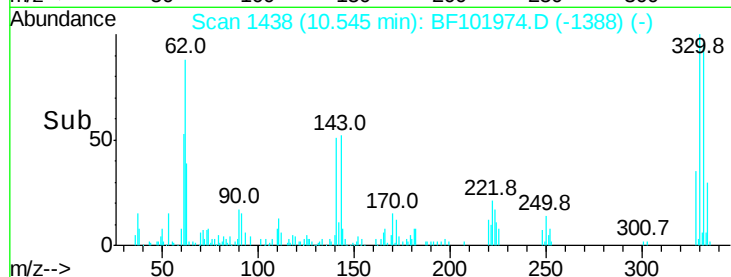
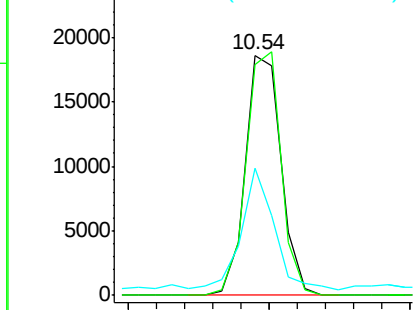
#41
 2,4,6-Tribromophenol
 Concen: 7.966 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF101974.D
 Acq: 10 Jan 2018 1:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	47.0	29.9	44.9#

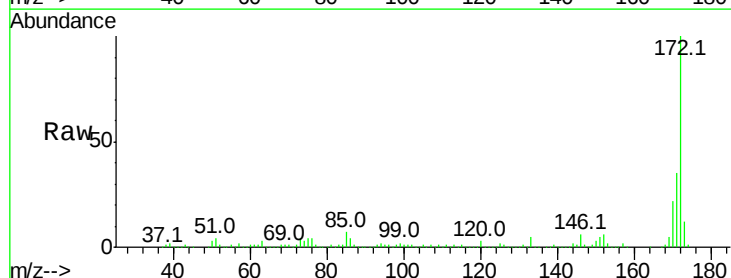


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

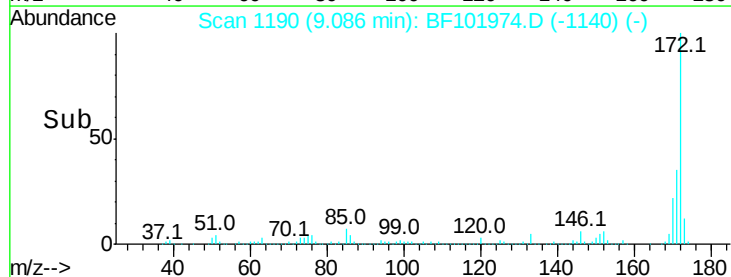
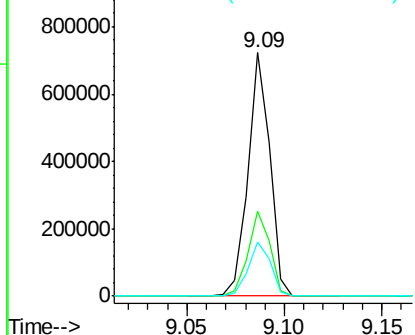


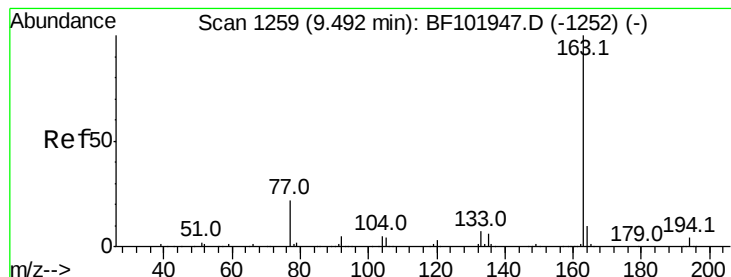
#44
 2-Fluorobiphenyl
 Concen: 37.172 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF101974.D
 Acq: 10 Jan 2018 1:04

Tgt 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

Instrument :

BNA_F

ClientSampleId :

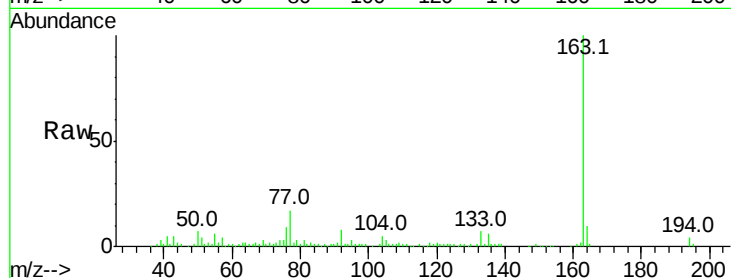
Tot Ion:163 Resp: 76963

Ion Ratio Lower Upper

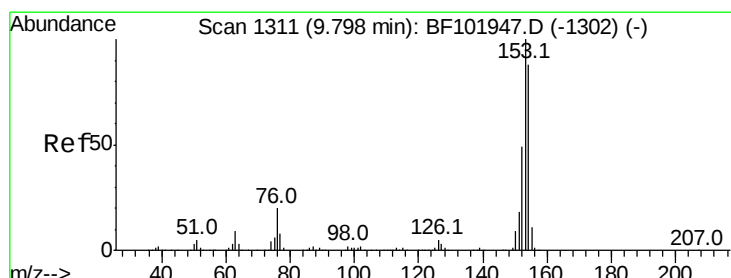
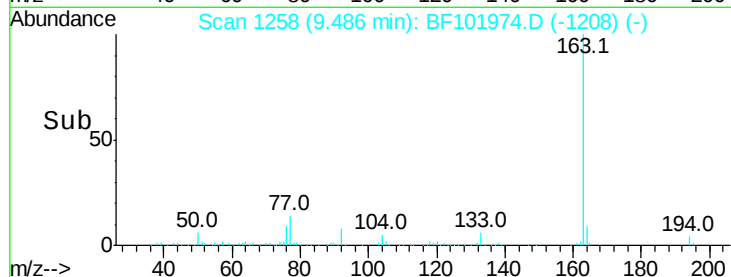
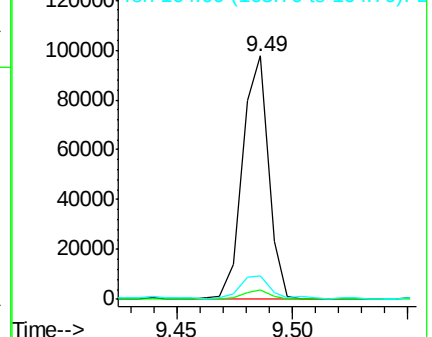
163 100

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

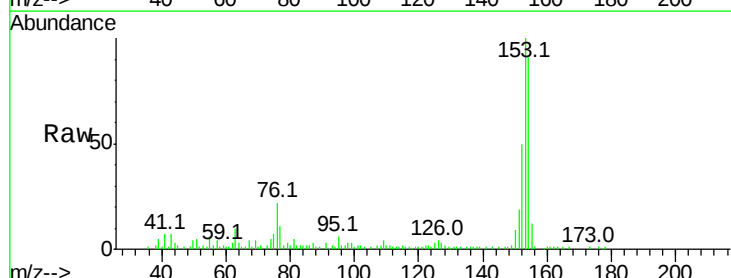
Tgt Ion:154 Resp: 55233

Ion Ratio Lower Upper

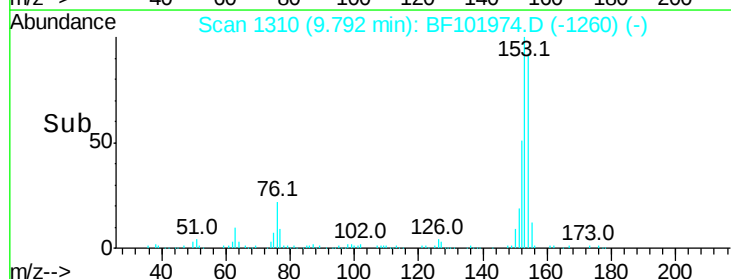
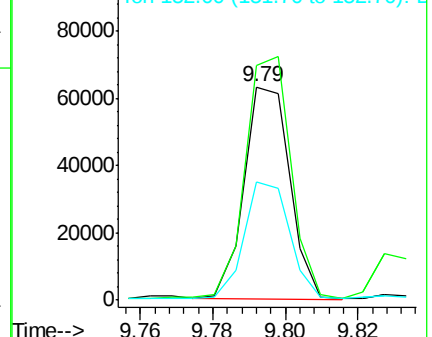
154 100

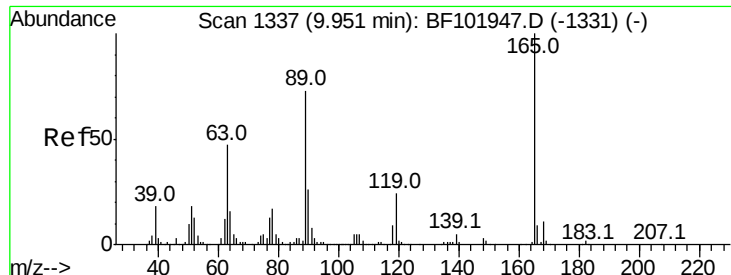
153 109.8 91.2 136.8

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

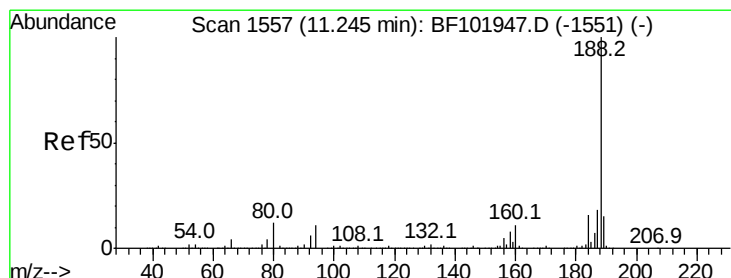
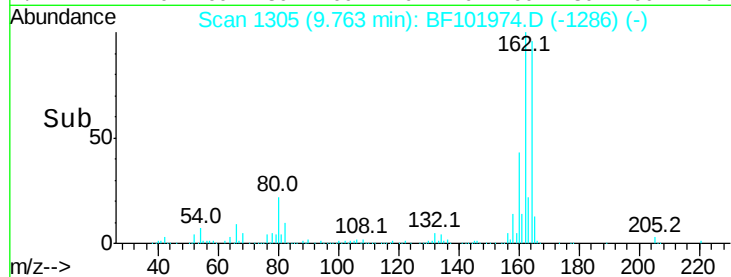
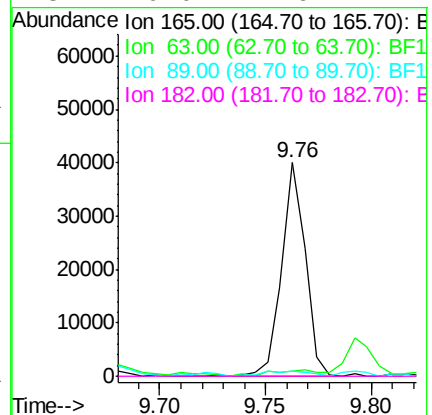
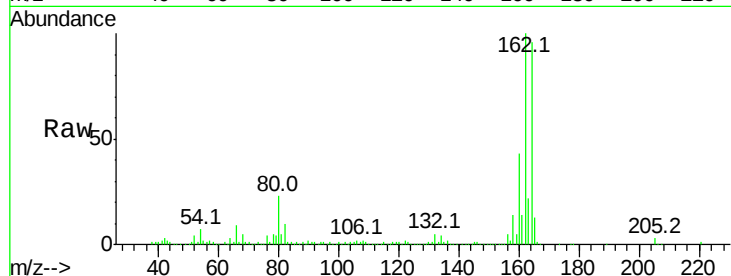




#56
2,4-Dinitrotoluene
Concen: 6.634 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF101974.D
Acq: 10 Jan 2018 1:04

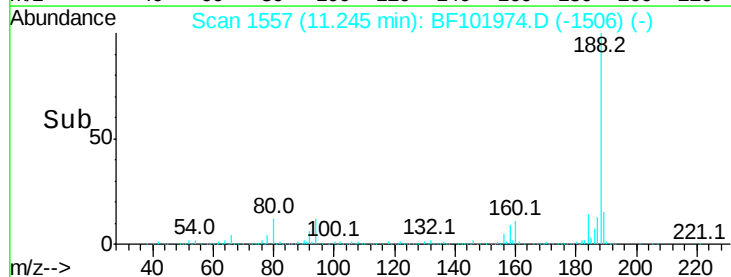
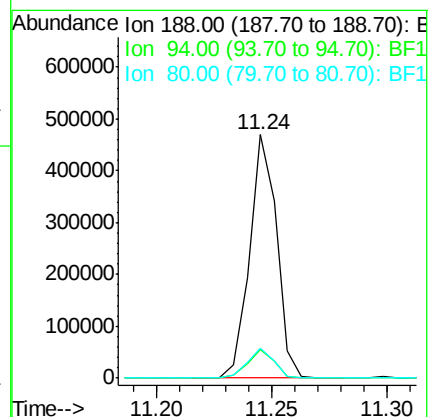
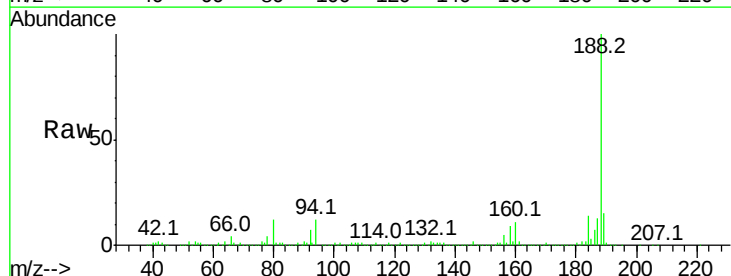
Instrument :
BNA_F
ClientSampleId :

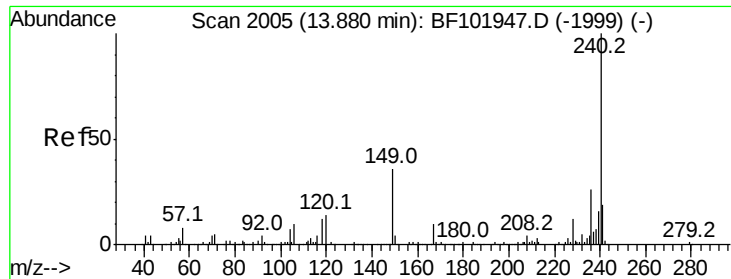
Tot Ion:165 Resp: 31223
Ion Ratio Lower Upper
165 100
63 2.5 36.4 54.6#
89 2.2 57.8 86.6#
182 0.0 1.6 2.4#



#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





#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 :

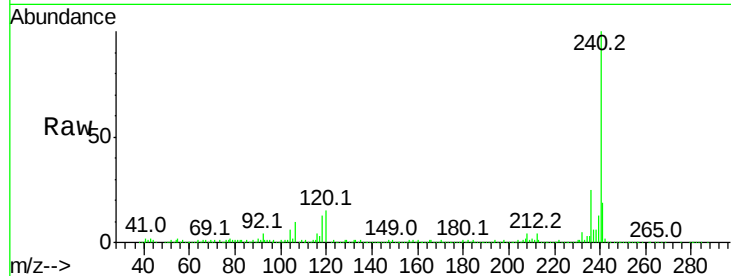
Tot Ion:240 Resp: 390570

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

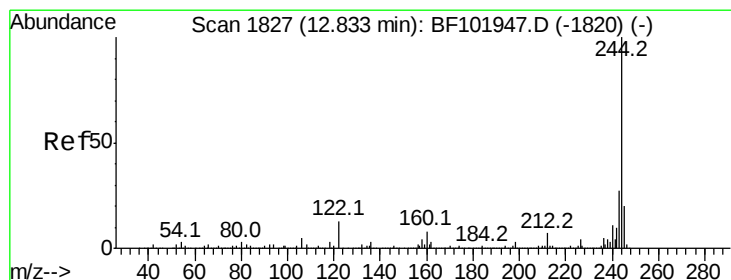
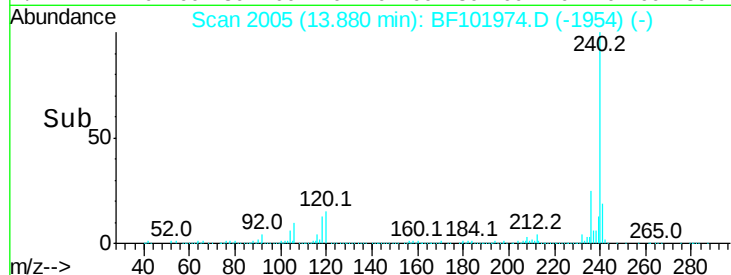
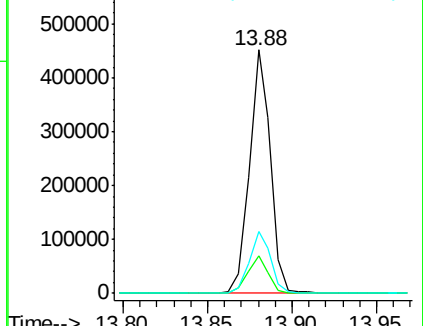
236 25.4 20.7 31.1



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

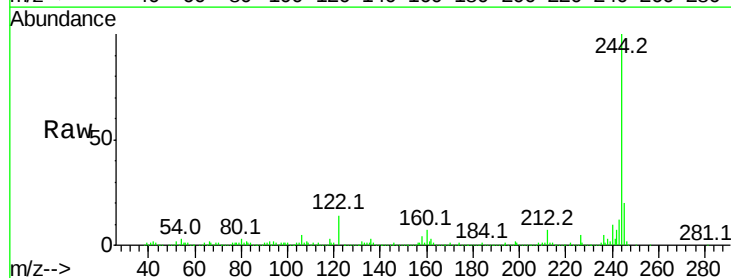
Tgt Ion:244 Resp: 444019

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

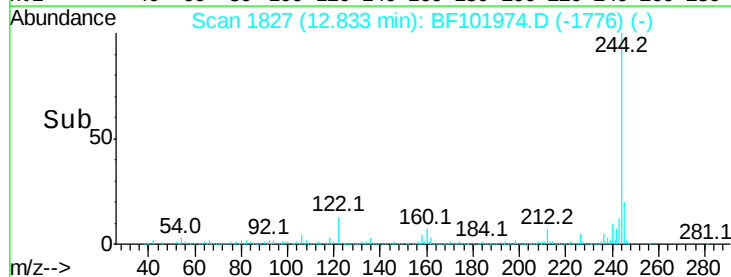
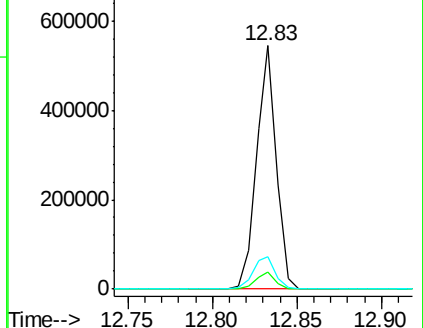
122 13.5 11.0 16.4

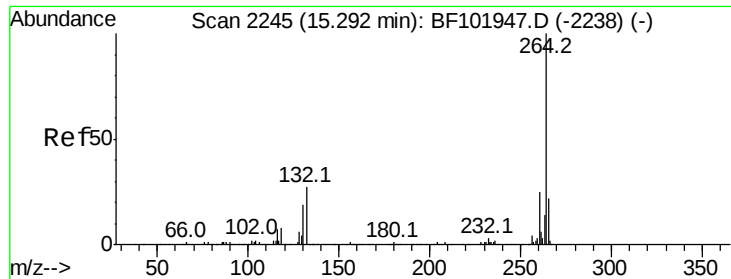


Abundance Ion 244.00 (243.70 to 244.70): E

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 :

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

