

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113069.D
 Acq On : 15 Mar 2019 16:49
 Operator : JU/SJ
 Sample : K1911-04 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051

Quant Time: Mar 15 23:36:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

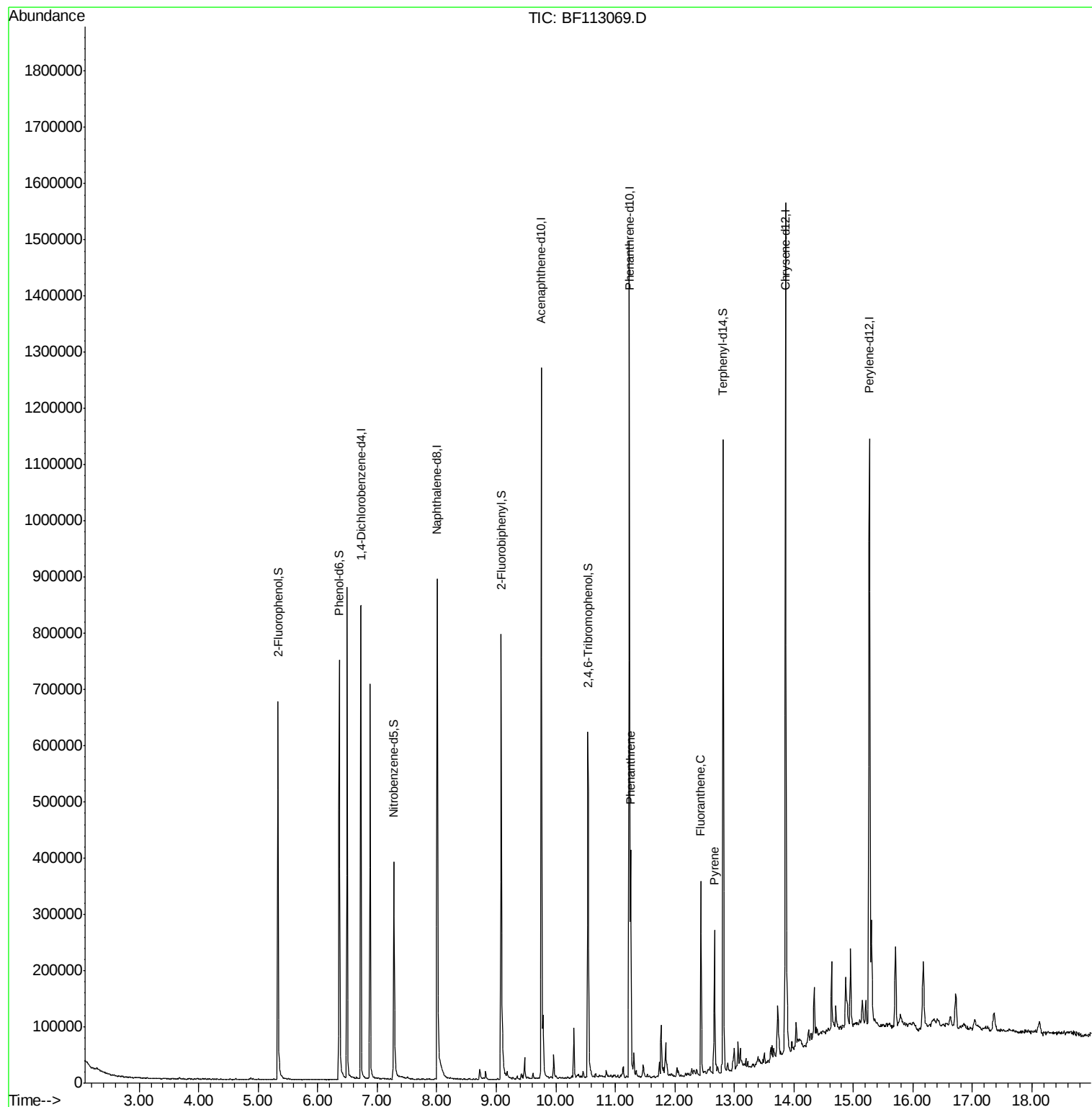
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	140545	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	549495	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	279784	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	615059	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	570725	20.00	ng	0.00
87) Perylene-d12	15.27	264	532611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	205704	22.77	ng	-0.01
7) Phenol-d6	6.36	99	271418	23.91	ng	-0.01
23) Nitrobenzene-d5	7.28	82	147219	16.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	95971	32.31	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	329716	14.98	ng	-0.01
79) Terphenyl-d14	12.81	244	424154	14.41	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.26	178	139908	4.572	ng	98
75) Fluoranthene	12.44	202	143473	4.376	ng	97
78) Pyrene	12.67	202	119069	2.475	ng	96

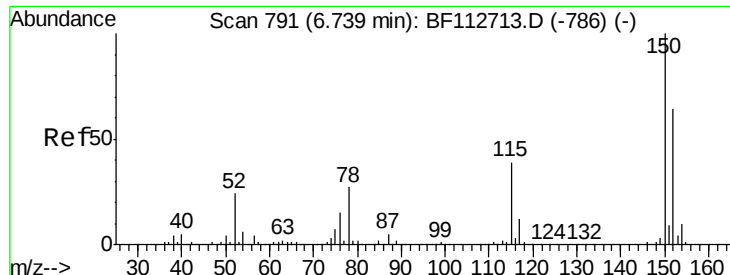
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113069.D
Acq On : 15 Mar 2019 16:49
Operator : JU/SJ
Sample : K1911-04 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200051

Quant Time: Mar 15 23:36:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



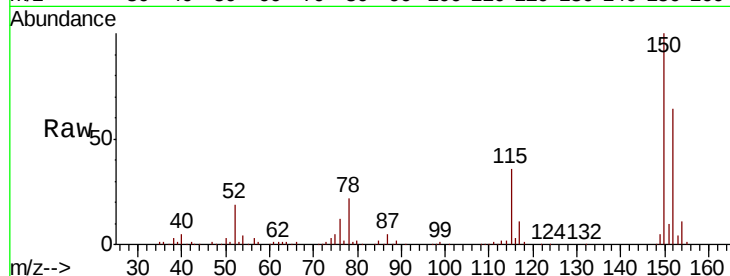


#1

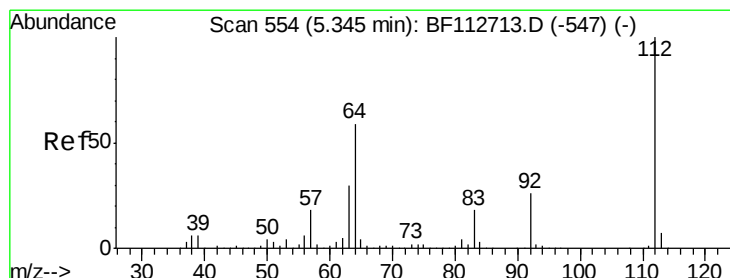
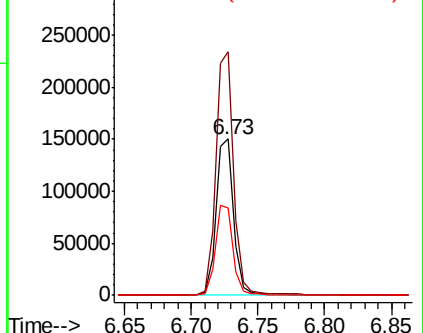
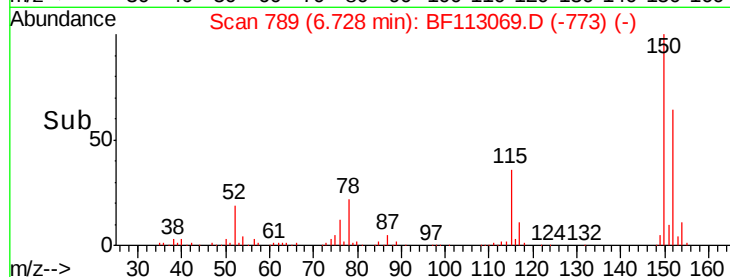
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113069.D
Acq: 15 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion:152 Resp: 140545
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 56.3 48.2 72.4



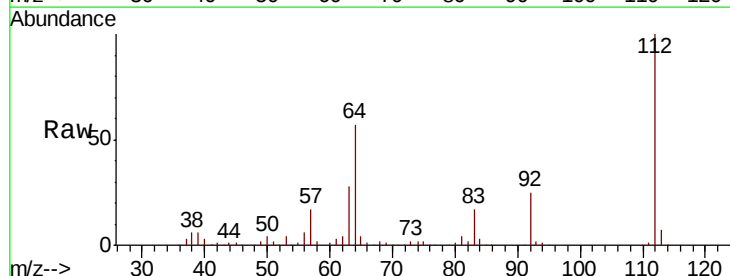
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



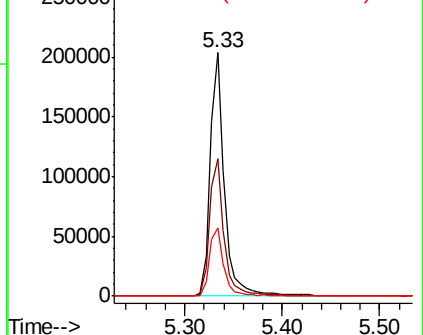
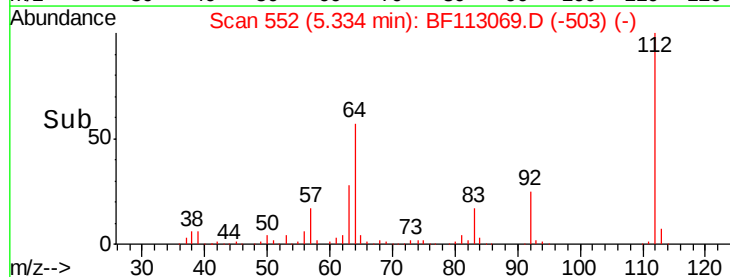
#5

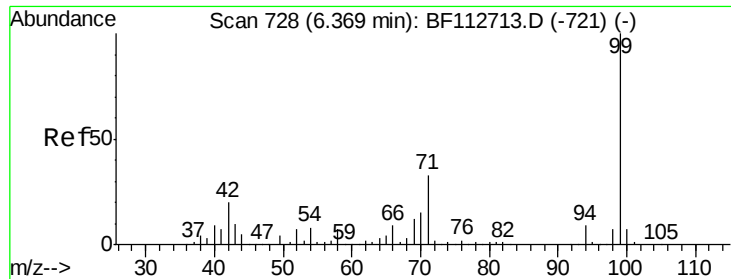
2-Fluorophenol
Concen: 22.767 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113069.D
Acq: 15 Mar 2019 16:49

Tgt Ion:112 Resp: 205704
Ion Ratio Lower Upper
112 100
64 56.5 47.6 71.4
63 28.1 24.4 36.6



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: 23.914 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113069.D

Acq: 15 Mar 2019 16:49

Instrument :

BNA_F

ClientSampleId :

RBR200051

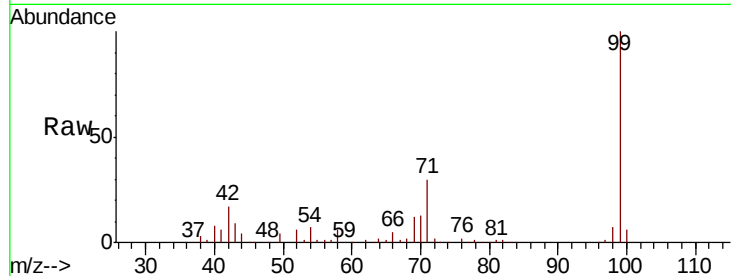
Tot Ion: 99 Resp: 271418

Ion Ratio Lower Upper

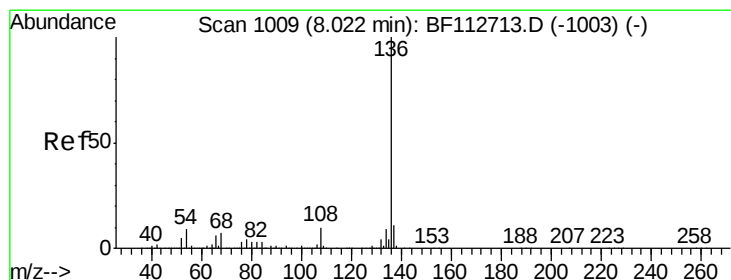
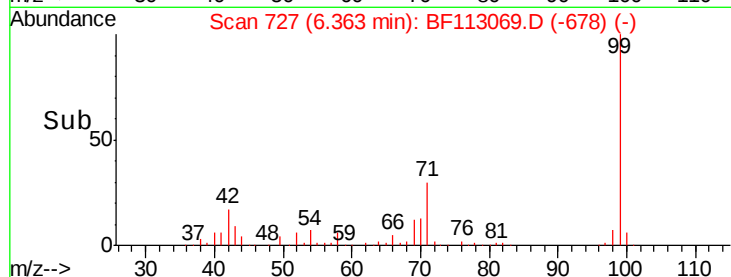
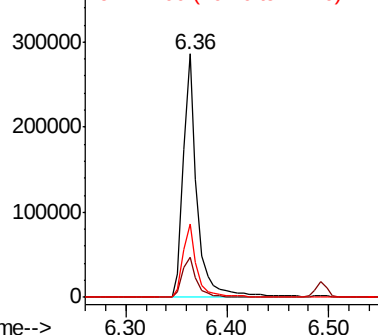
99 100

42 16.7 16.3 24.5

71 29.9 26.2 39.4



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. -0.01 min

Lab File: BF113069.D

Acq: 15 Mar 2019 16:49

Tgt Ion: 136 Resp: 549495

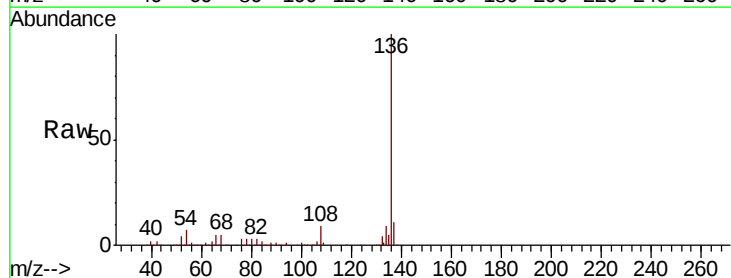
Ion Ratio Lower Upper

136 100

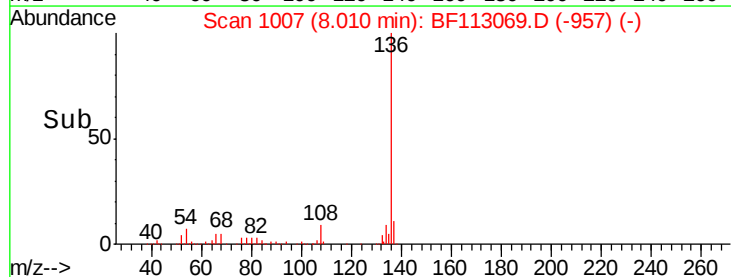
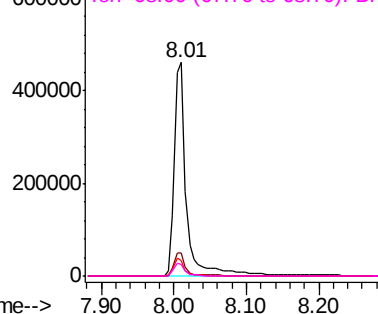
137 10.6 8.9 13.3

54 7.5 7.3 10.9

68 5.5 5.4 8.2



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

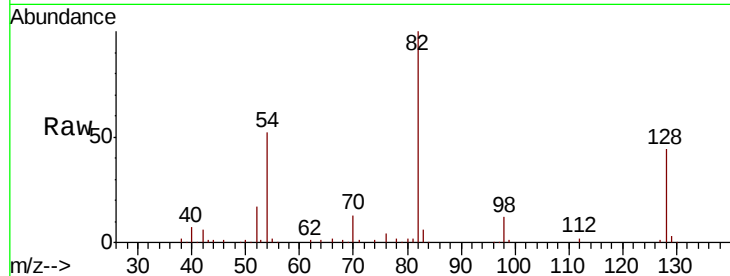




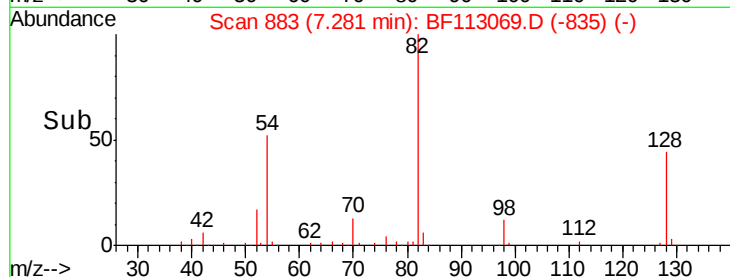
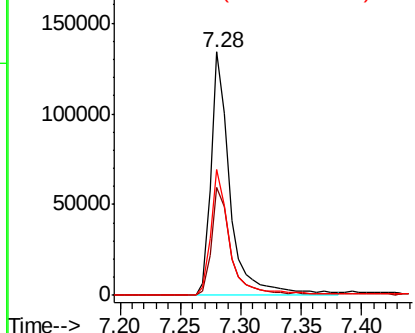
#23
Nitrobenzene-d5
Concen: 16.032 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113069.D
Acq: 15 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion: 82 Resp: 147219
Ion Ratio Lower Upper
82 100
128 44.4 36.3 54.5
54 51.7 43.7 65.5

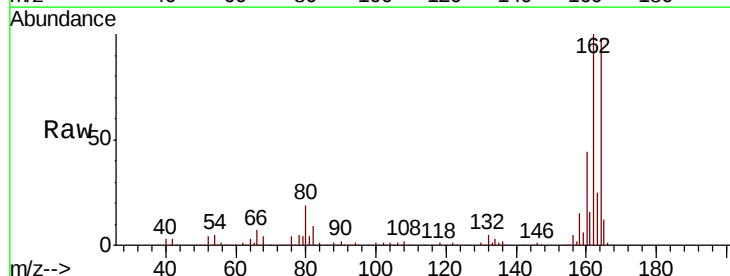


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

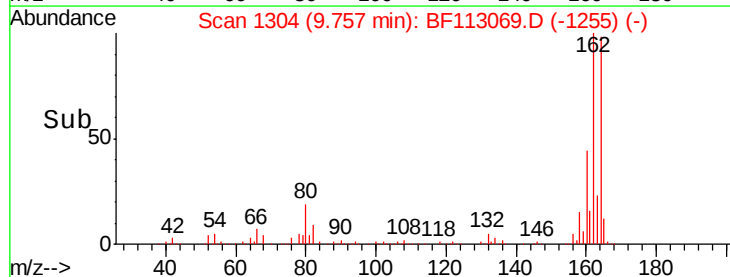
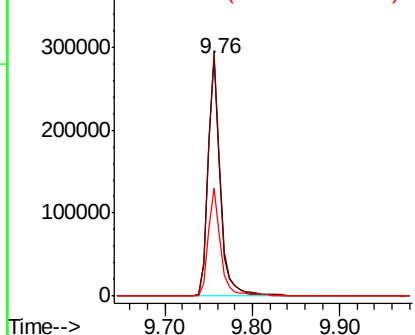


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113069.D
Acq: 15 Mar 2019 16:49

Tgt Ion:164 Resp: 279784
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 45.4 36.0 54.0



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

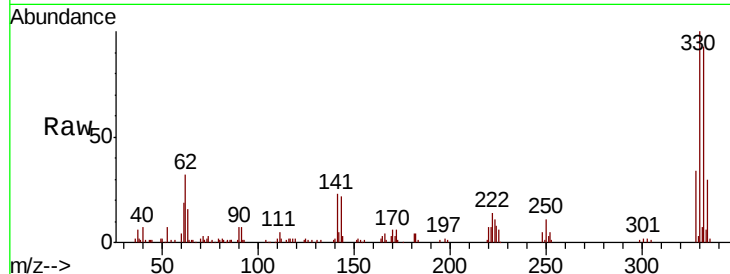




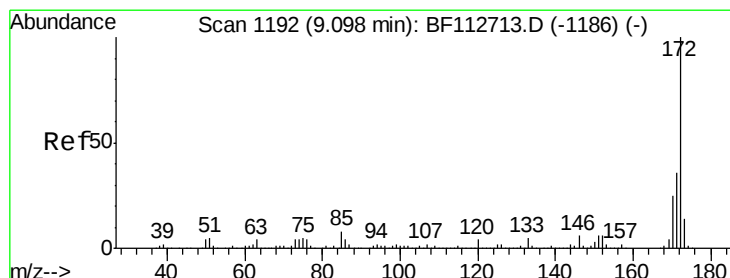
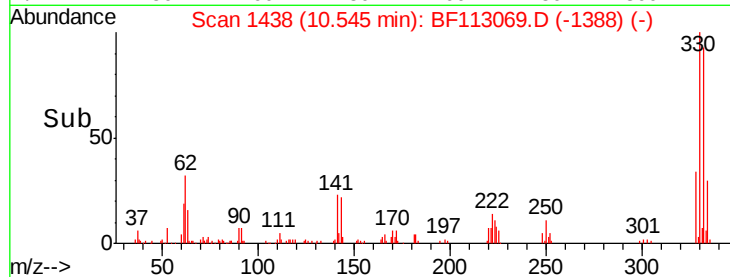
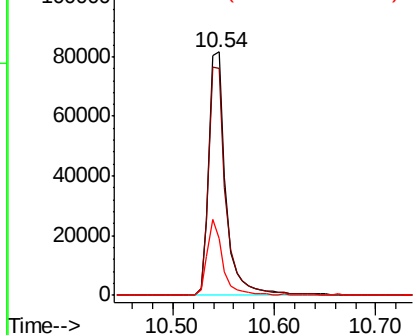
#42
 2,4,6-Tribromophenol
 Concen: 32.311 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113069.D
 Acq: 15 Mar 2019 16:49

Instrument :
 BNA_F
 ClientSampled :
 RBR200051

Tot Ion:330 Resp: 95971
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 28.3 27.0 40.6

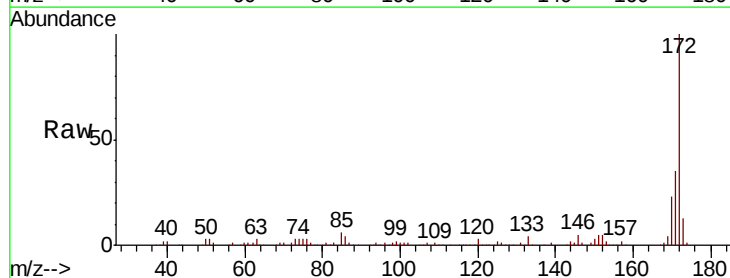


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

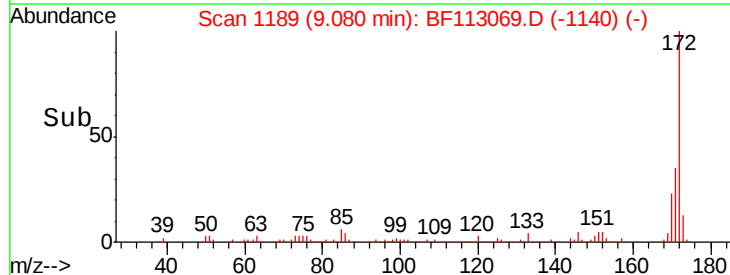
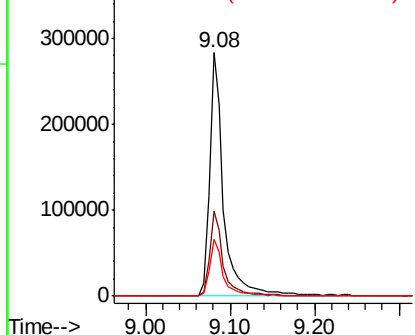


#45
 2-Fluorobiphenyl
 Concen: 14.982 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113069.D
 Acq: 15 Mar 2019 16:49

Tgt Ion:172 Resp: 329716
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.0 43.4
 170 23.4 20.0 30.0



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

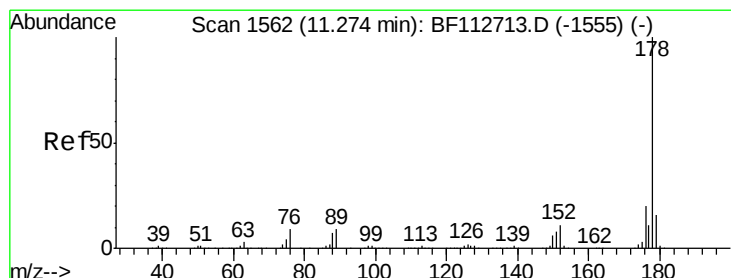
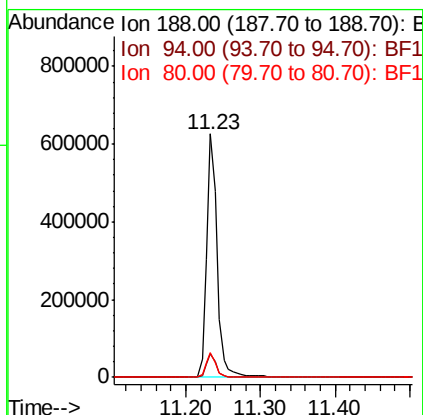
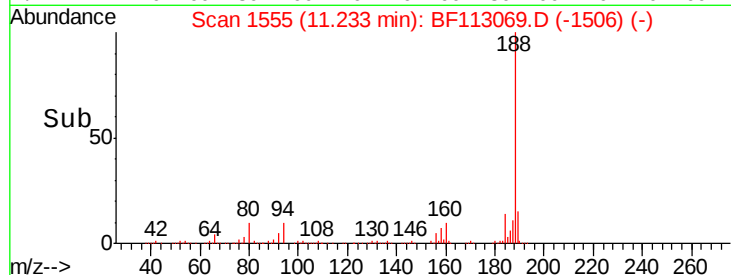
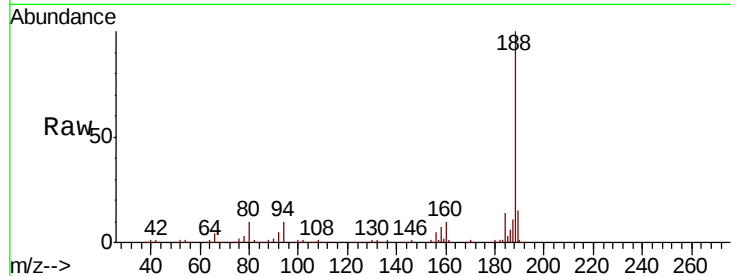




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113069.D
Acq: 15 Mar 2019 16:49

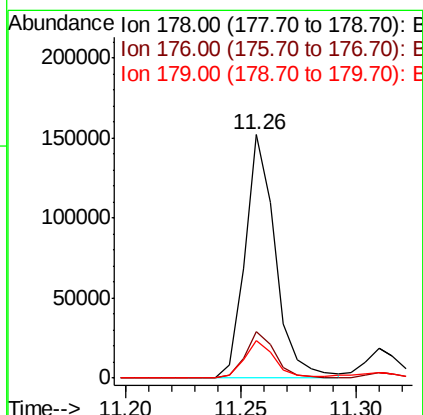
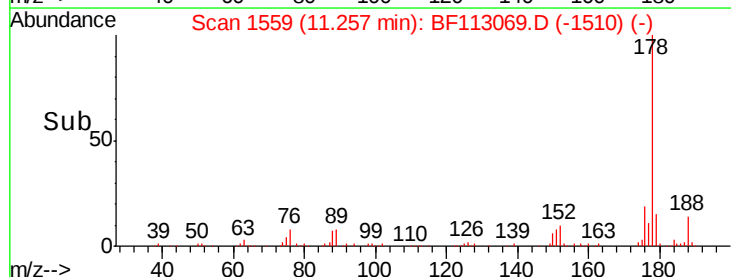
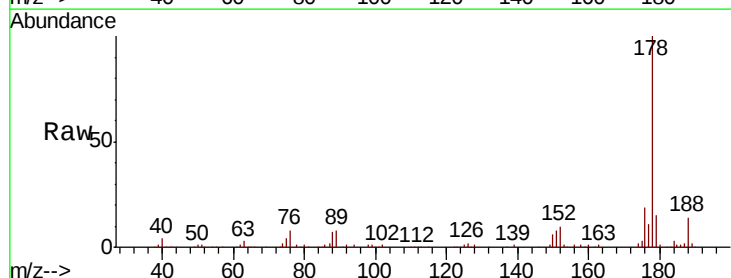
Instrument :
BNA_F
ClientSampleId :
RBR200051

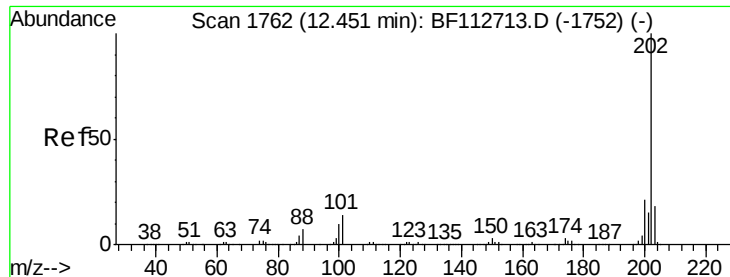
Tot Ion:188 Resp: 615059
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 10.0 9.2 13.8



#71
Phenanthrene
Concen: 4.572 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113069.D
Acq: 15 Mar 2019 16:49

Tgt Ion:178 Resp: 139908
Ion Ratio Lower Upper
178 100
176 19.0 16.3 24.5
179 15.4 12.7 19.1





#75

Fluoranthene

Concen: 4.376 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113069.D

Acq: 15 Mar 2019 16:49

Instrument :

BNA_F

ClientSampleId :

RBR200051

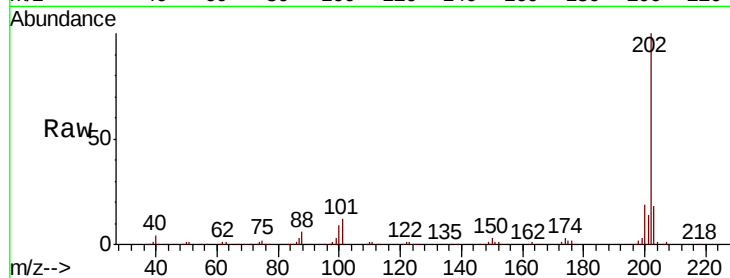
Tot Ion:202 Resp: 143473

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.8

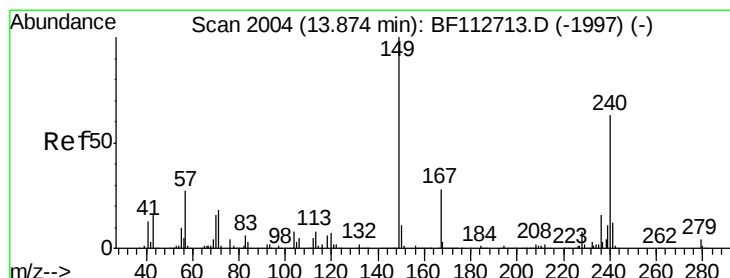
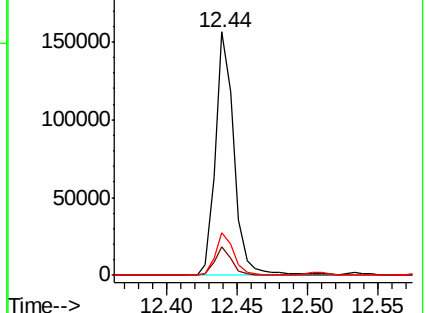
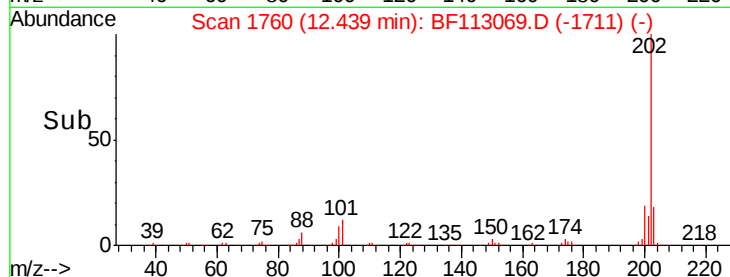
203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113069.D

Acq: 15 Mar 2019 16:49

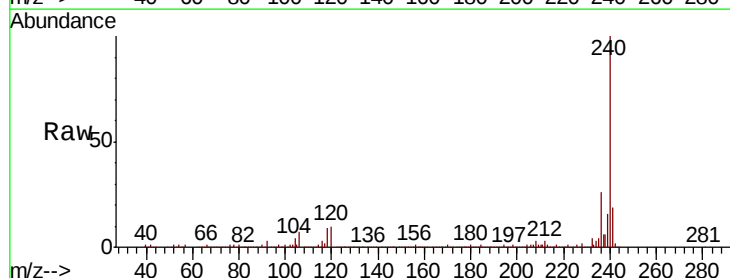
Tgt Ion:240 Resp: 570725

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

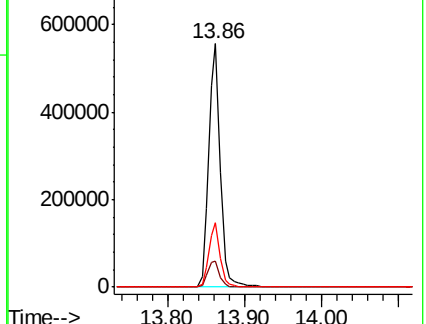
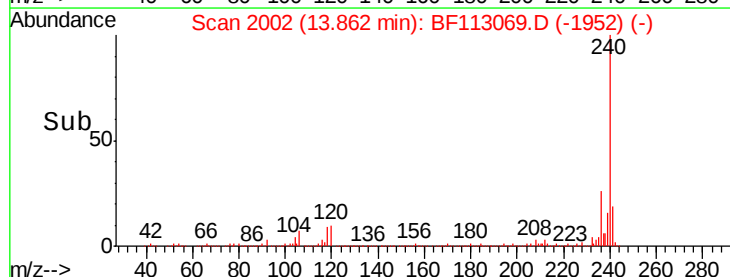
236 26.3 20.7 31.1

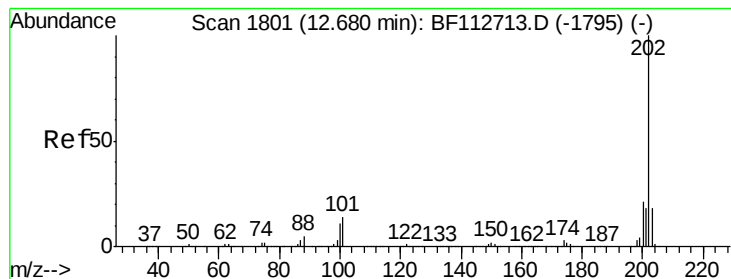


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.475 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113069.D

Acq: 15 Mar 2019 16:49

Instrument :

BNA_F

ClientSampleId :

RBR200051

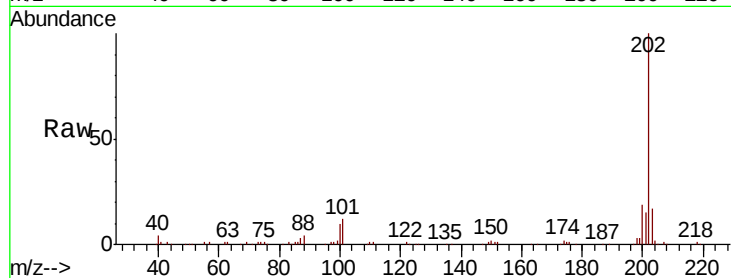
Tot Ion:202 Resp: 119069

Ion Ratio Lower Upper

202 100

200 18.6 17.0 25.4

203 17.4 14.4 21.6

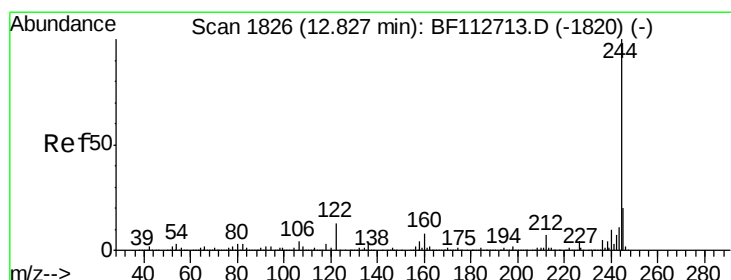
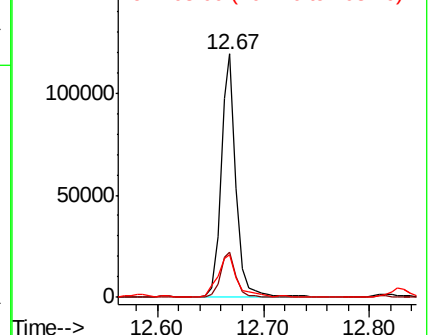
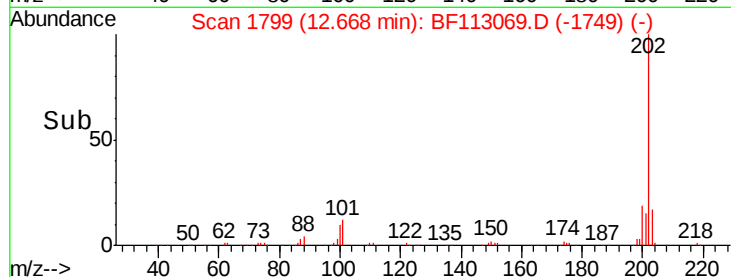


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 14.407 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113069.D

Acq: 15 Mar 2019 16:49

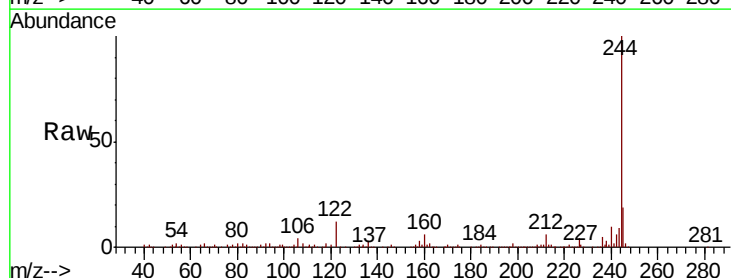
Tgt Ion:244 Resp: 424154

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 11.6 10.5 15.7

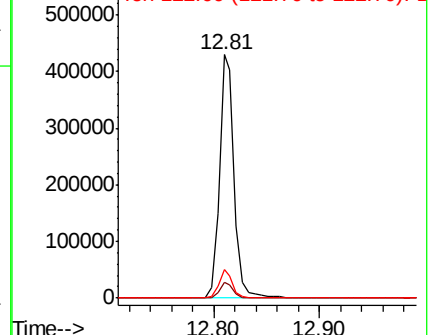
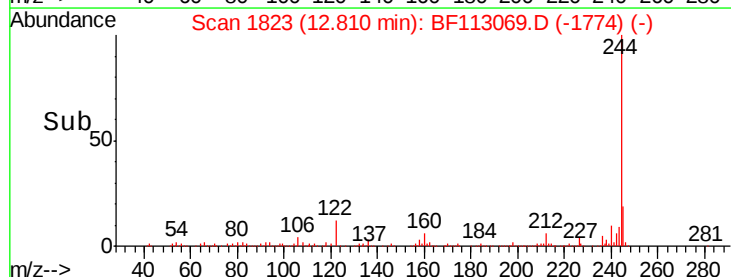


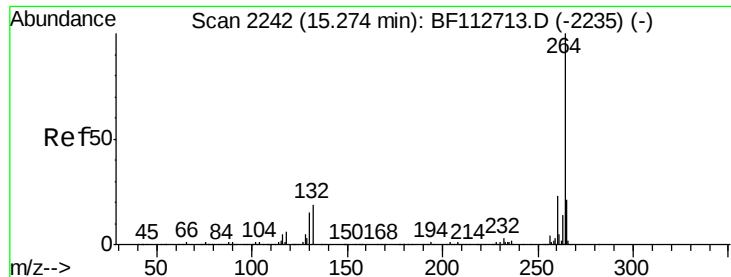
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113069.D
Acq: 15 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
RBR200051

Tot Ion: 264 Resp: 532611

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.7	17.2	25.8

