

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110155.D
 Acq On : 25 Oct 2018 12:18
 Operator : JU/SJ
 Sample : J5618-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:25:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161404	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	645678	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	304199	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	541628	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	279959	20.00	ng	-0.02
87) Perylene-d12	15.67	264	275982	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	933936	94.23	ng	0.00
7) Phenol-d6	6.59	99	1189914	93.86	ng	-0.01
23) Nitrobenzene-d5	7.53	82	750808	68.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	282729	93.83	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1274663	65.80	ng	-0.01
79) Terphenyl-d14	13.09	244	989394	73.50	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	99977	7.378	ng	# 60
19) n-Nitroso-di-n-propylamine	7.53	70	100212	12.321	ng	# 79
25) Isophorone	7.53	82	750793	40.460	ng	# 67
50) Dimethylphthalate	9.72	163	171091	7.619	ng	99
57) 2,4-Dinitrotoluene	10.01	165	38949	6.340	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	18150	3.089	ng	# 1
78) Pyrene	12.94	202	40908	2.038	ng	99

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

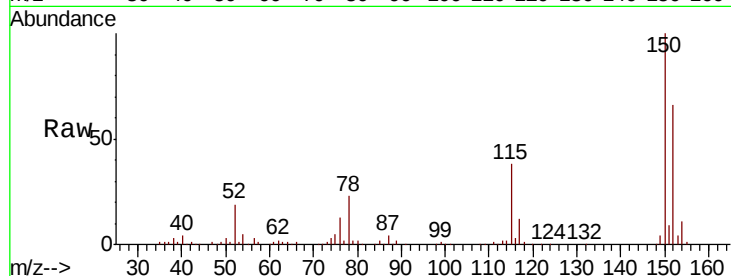


#1

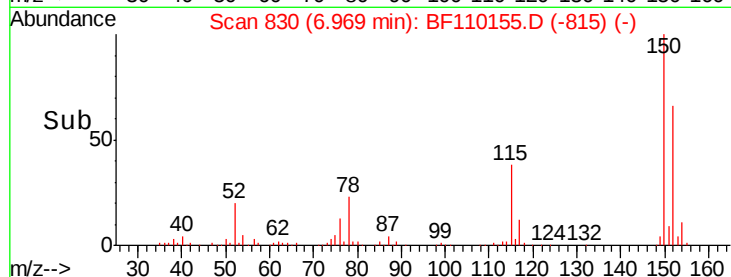
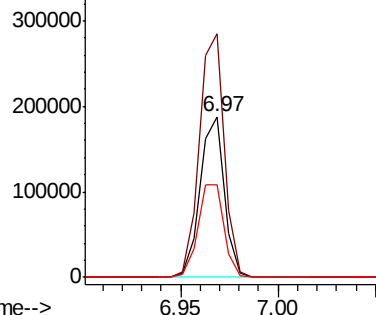
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161404
Ion Ratio Lower Upper
152 100
150 151.6 122.7 184.1
115 57.9 49.1 73.7



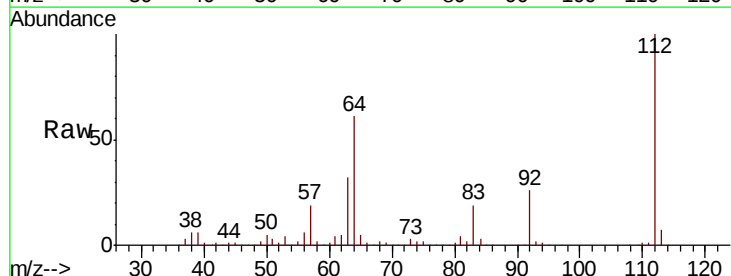
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



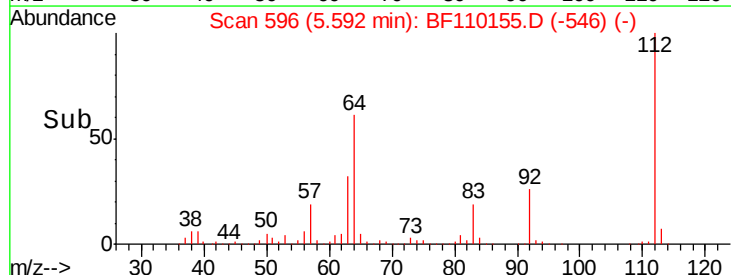
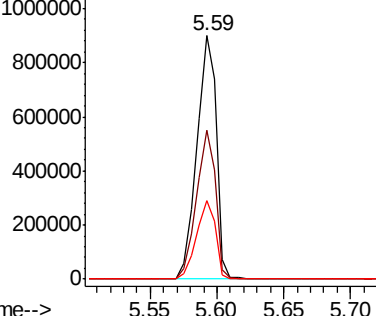
#5

2-Fluorophenol
Concen: 94.228 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion:112 Resp: 933936
Ion Ratio Lower Upper
112 100
64 61.3 44.1 66.1
63 32.4 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: 93.860 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110155.D

Acq: 25 Oct 2018 12:18

Instrument :

BNA_F

ClientSampled :

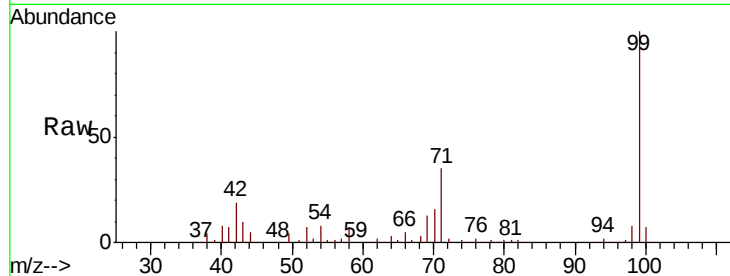
Tot Ion: 99 Resp: 1189914

Ion Ratio Lower Upper

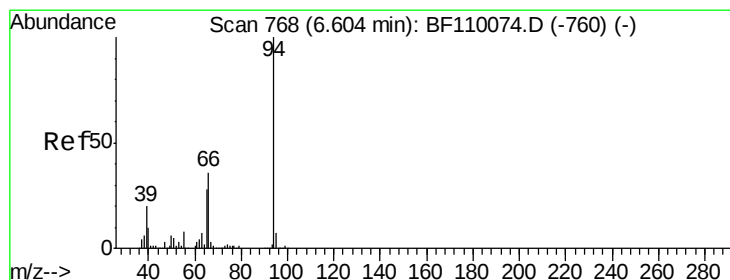
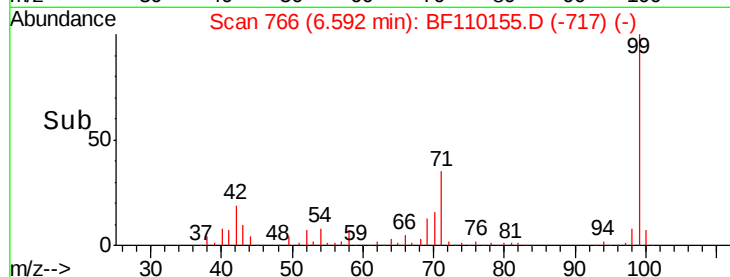
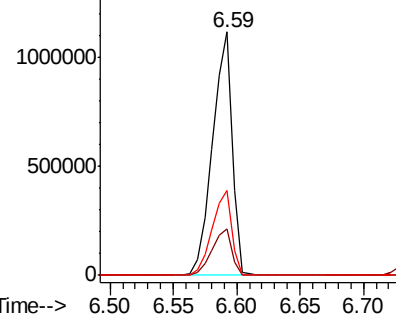
99 100

42 19.1 15.8 23.6

71 34.8 28.0 42.0



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



#10

Phenol

Concen: 7.378 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110155.D

Acq: 25 Oct 2018 12:18

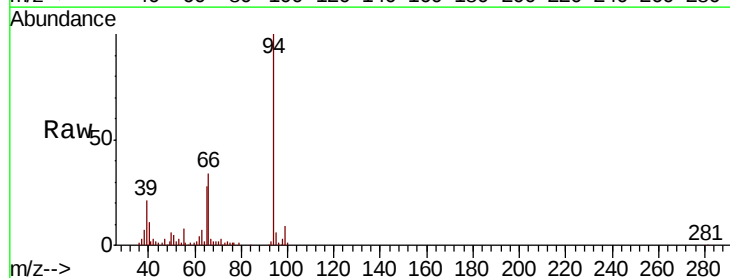
Tgt Ion: 94 Resp: 99977

Ion Ratio Lower Upper

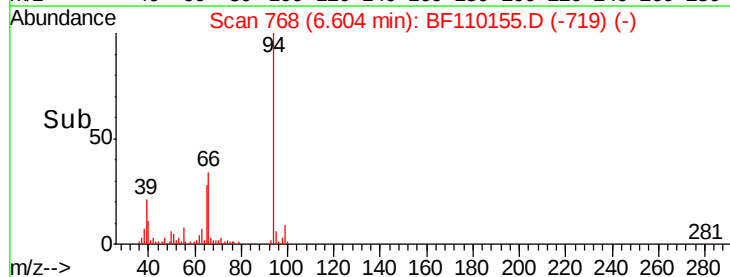
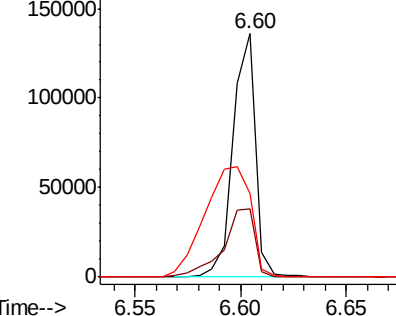
94 100

65 27.8 25.3 65.3

66 34.3 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

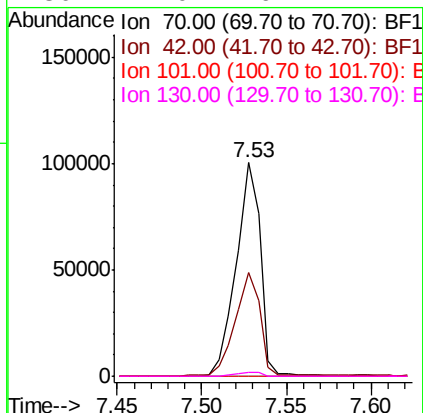
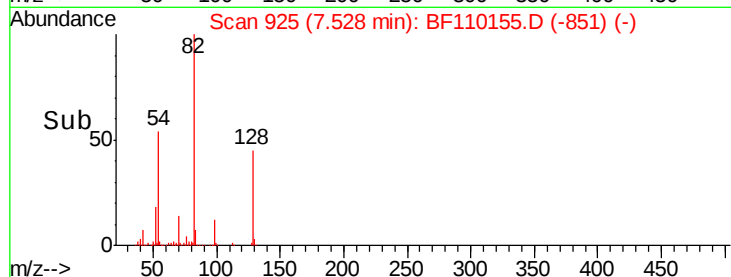
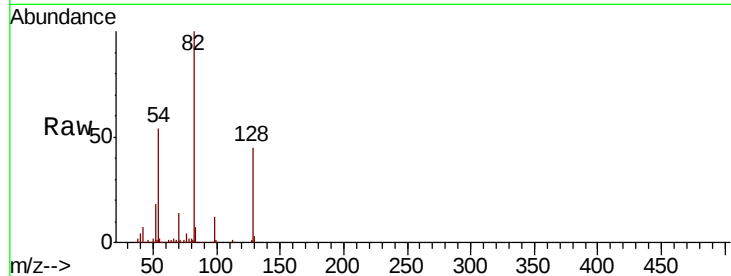




#19
n-Nitroso-di-n-propylamine
Concen: 12.321 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

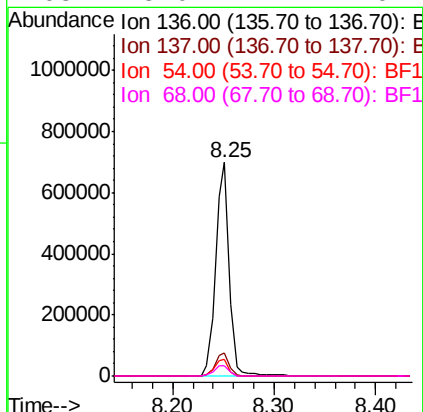
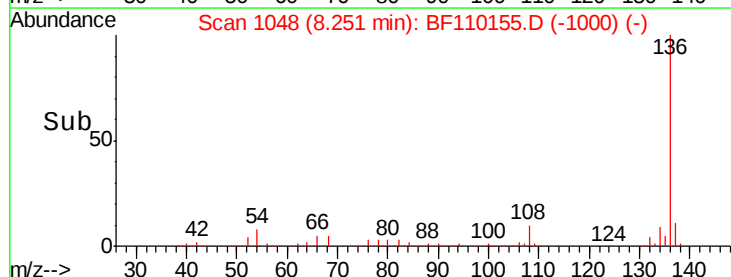
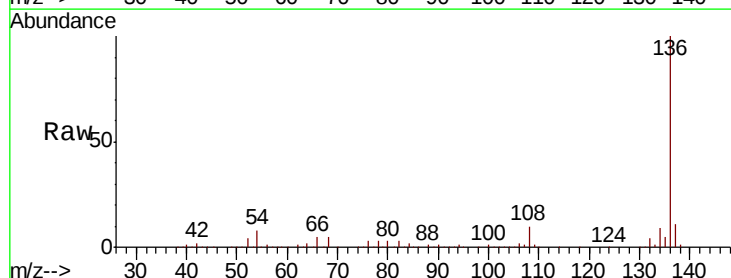
Instrument :
BNA_F
ClientSampleId :

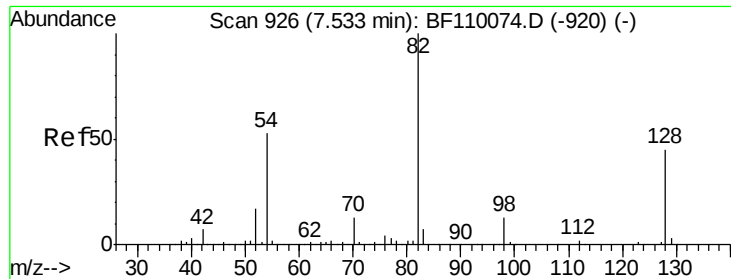
Tot Ion: 70 Resp: 100212
Ion Ratio Lower Upper
70 100
42 48.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion: 136 Resp: 645678
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.8 5.4 8.2
68 5.0 4.2 6.2

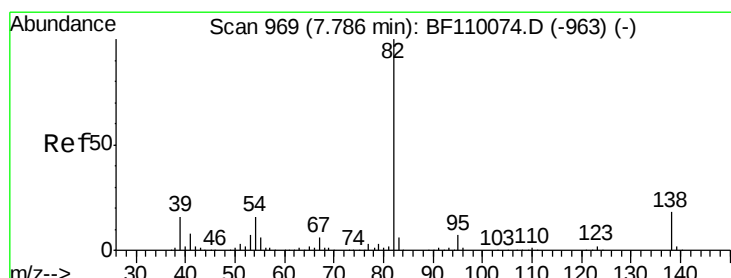
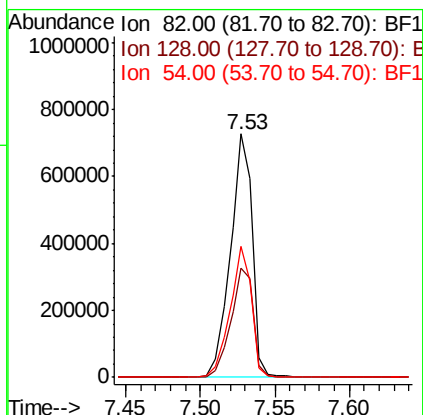
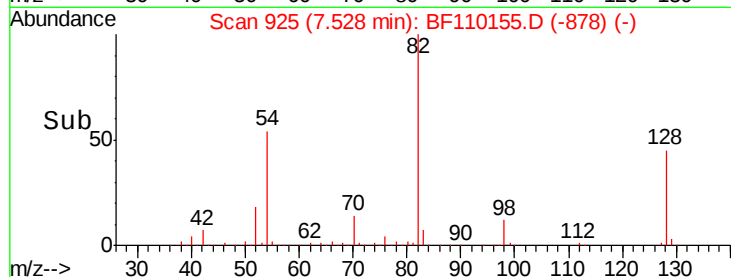
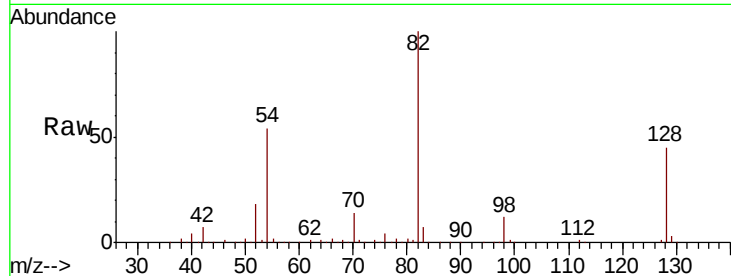




#23
Nitrobenzene-d5
Concen: 68.971 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

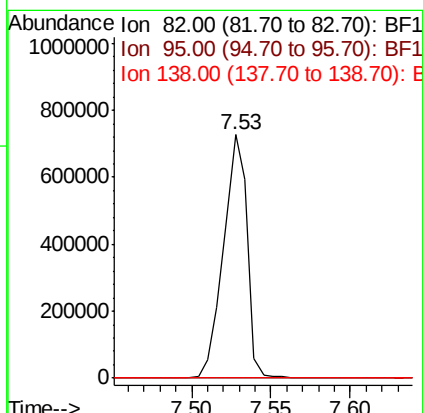
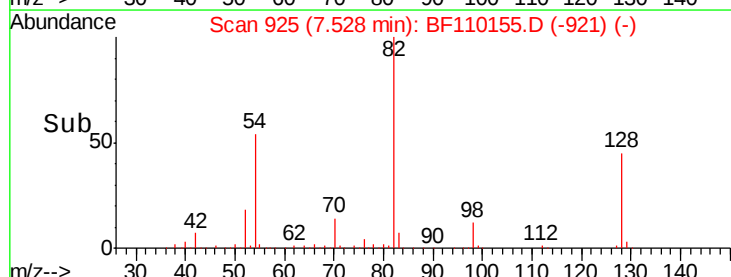
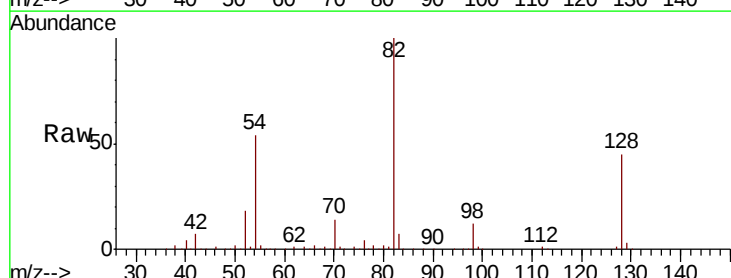
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	750808
Ion Ratio	100	Lower	Upper
128	44.9	34.2	51.2
54	54.0	38.6	58.0



#25
Isophorone
Concen: 40.460 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion	82	Resp	750793
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110155.D

Acq: 25 Oct 2018 12:18

Instrument :

BNA_F

ClientSampled :

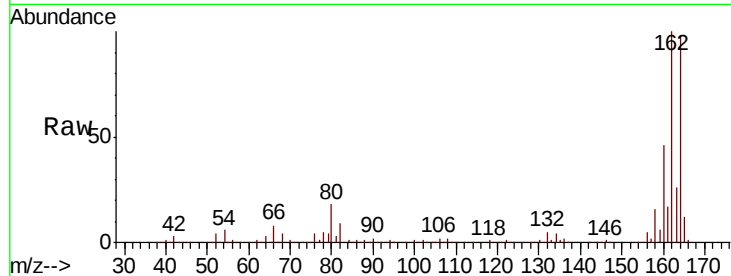
Tot Ion:164 Resp: 304199

Ion Ratio Lower Upper

164 100

162 102.3 83.0 124.6

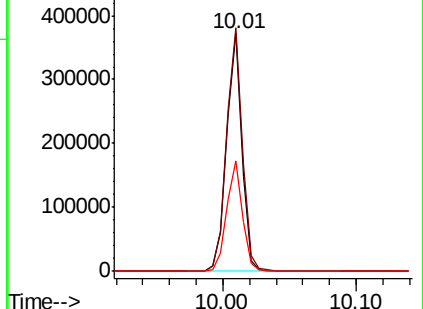
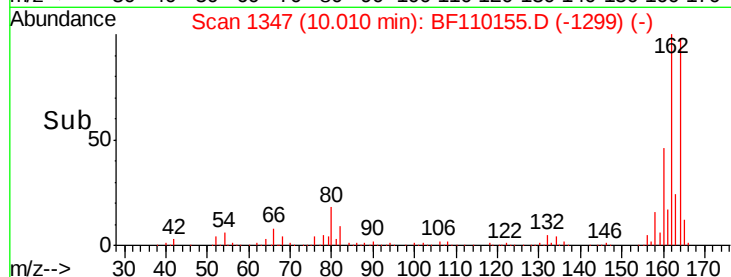
160 46.7 37.0 55.6



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: 93.827 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110155.D

Acq: 25 Oct 2018 12:18

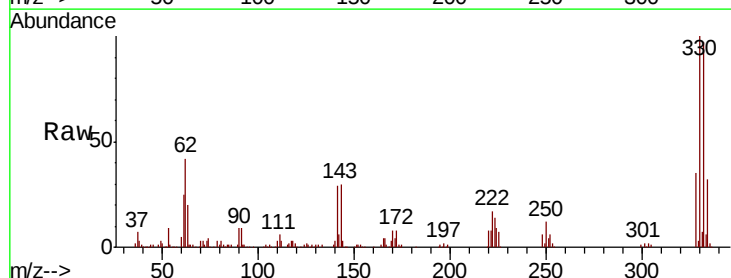
Tgt Ion:330 Resp: 282729

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

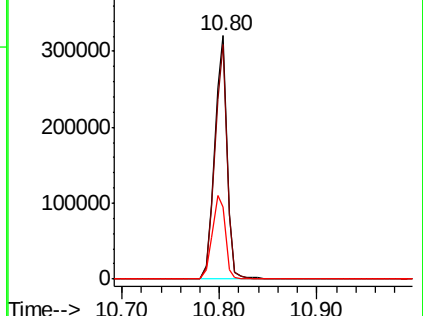
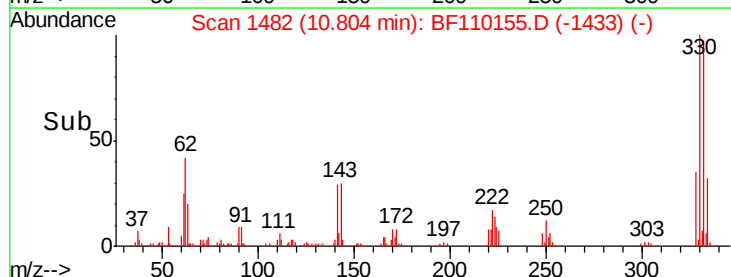
141 36.5 27.0 40.4

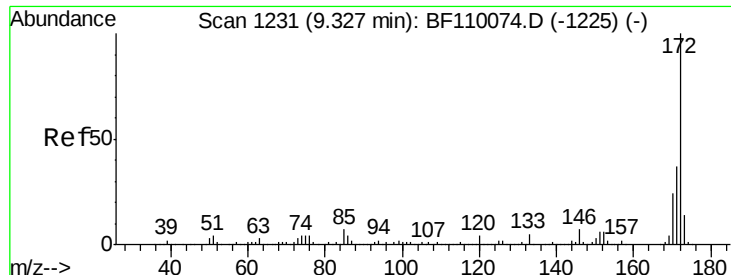


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

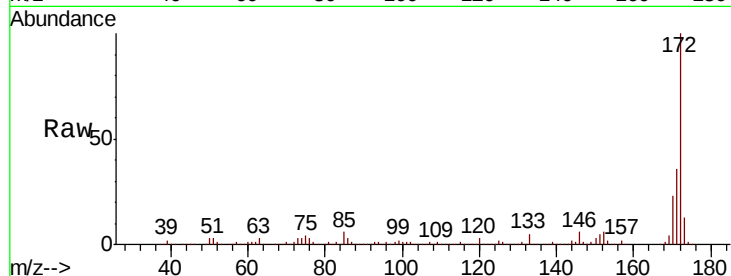




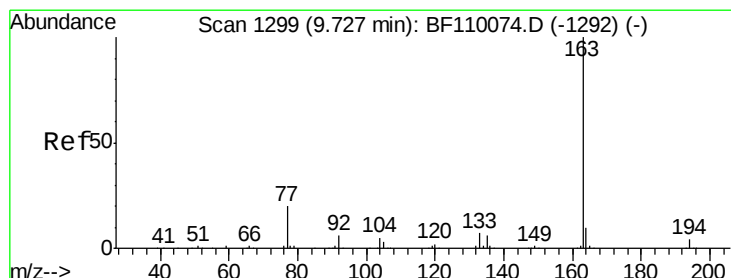
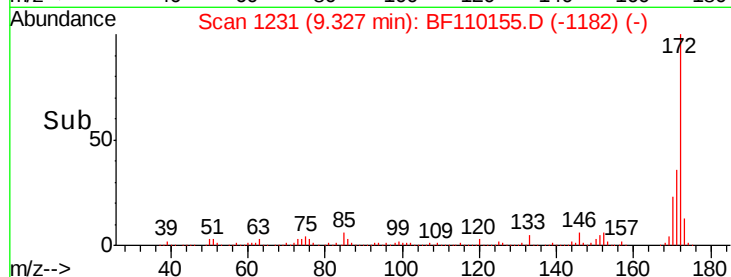
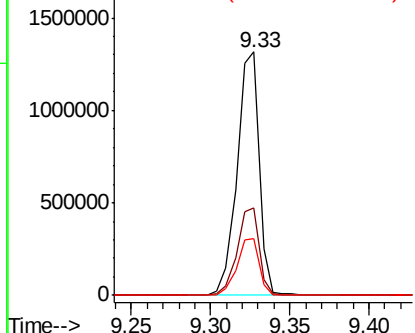
#45
2-Fluorobiphenyl
Concen: 65.797 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1274663
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.3 19.7 29.5

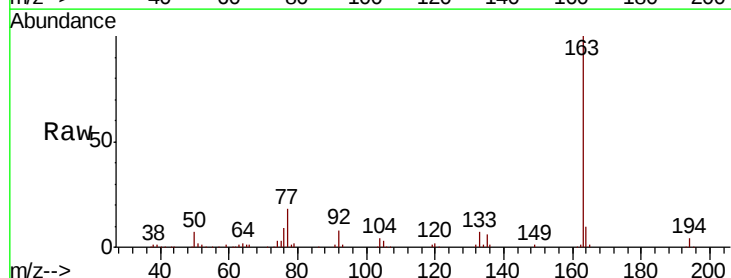


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

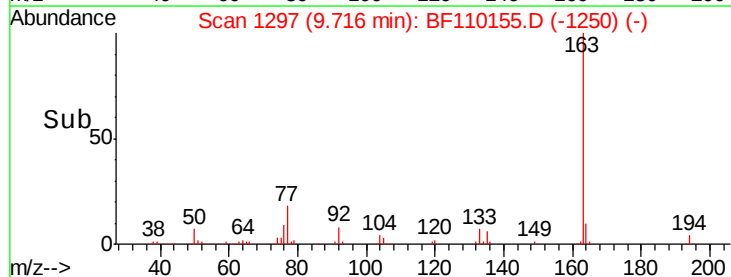
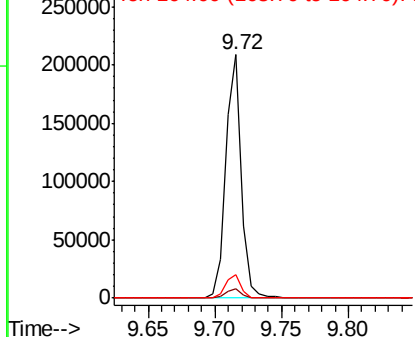


#50
Dimethylphthalate
Concen: 7.619 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion:163 Resp: 171091
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 8.1 12.1



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

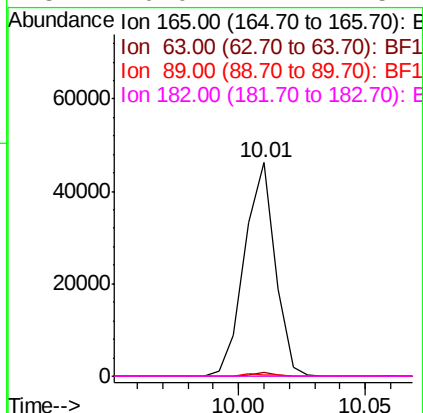
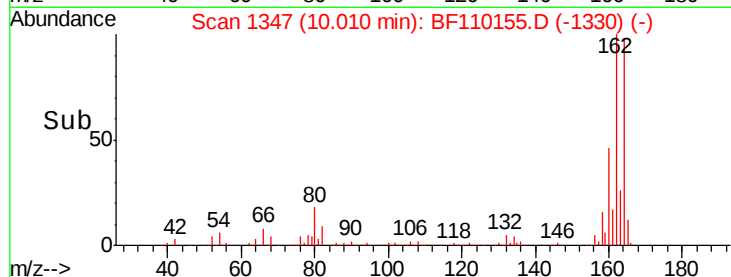
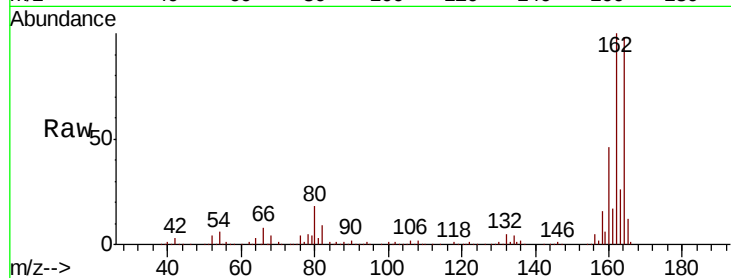




#57
2,4-Dinitrotoluene
Concen: 6.340 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

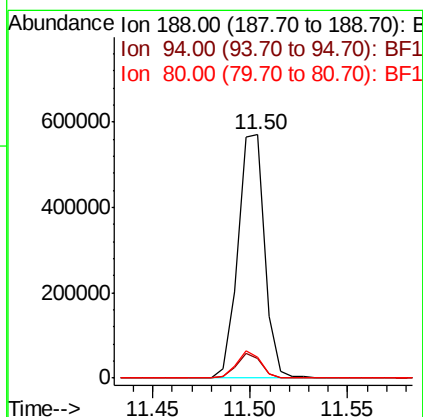
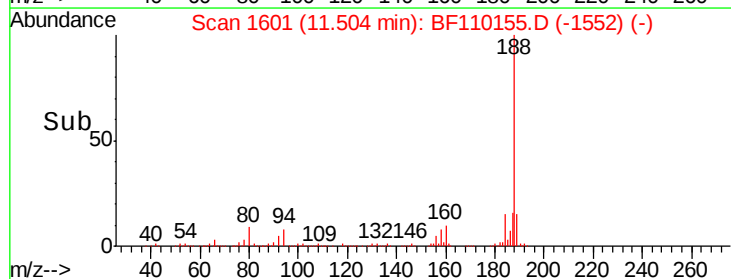
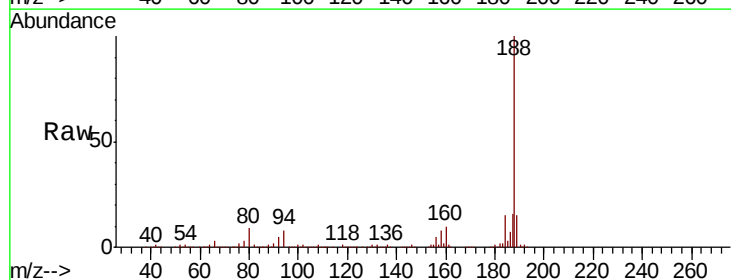
Instrument :
BNA_F
ClientSampleId :

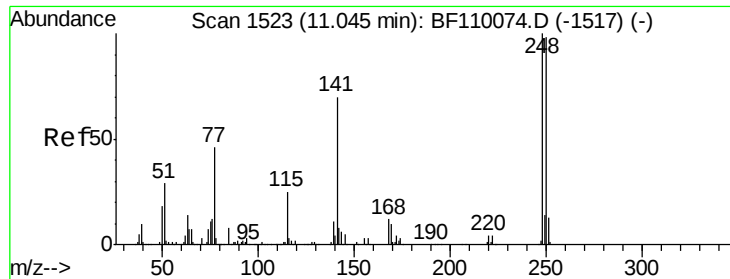
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	0.9	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.8	7.9	11.9

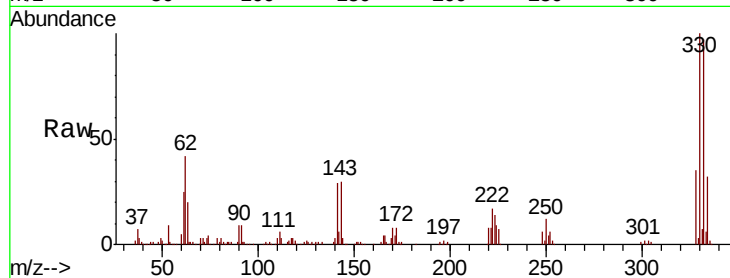




#67
4-Bromophenyl-phenylether
Concen: 3.089 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.7	79.4	119.2#
141	470.4	55.9	83.9#

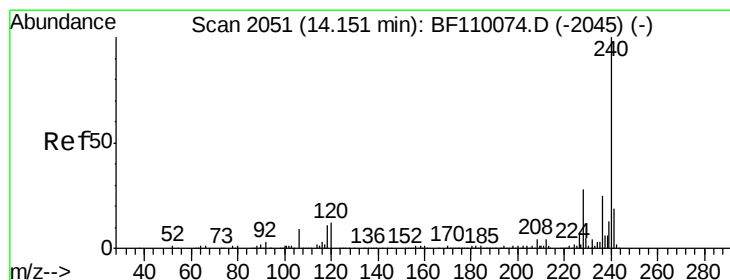
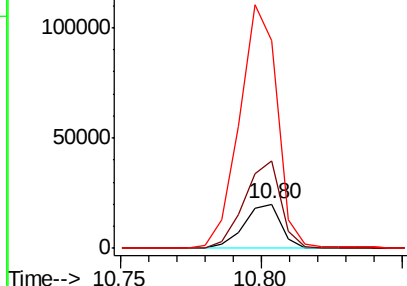
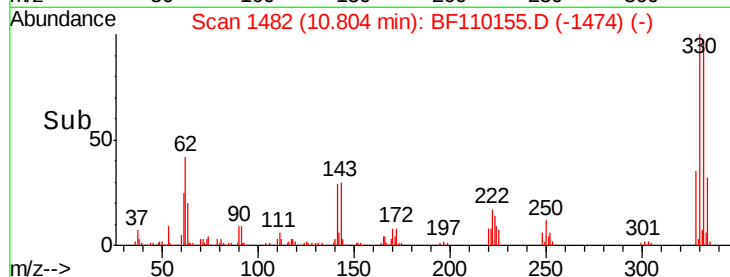


Abundance

Ion 248.00 (247.70 to 248.70): E

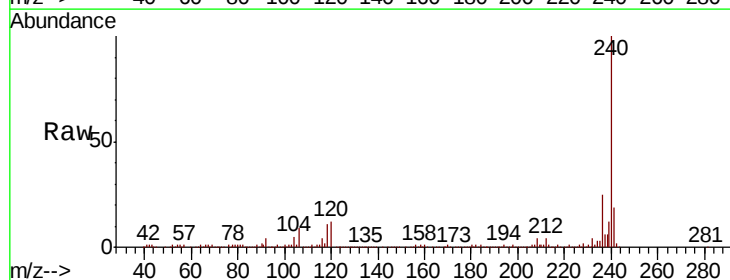
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110155.D
Acq: 25 Oct 2018 12:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5
236	24.8	21.2	31.8

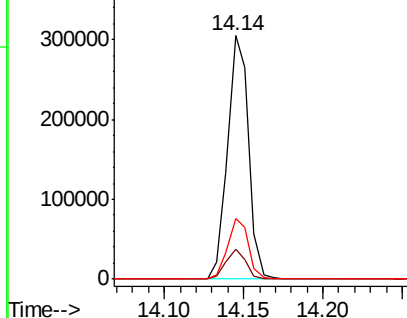
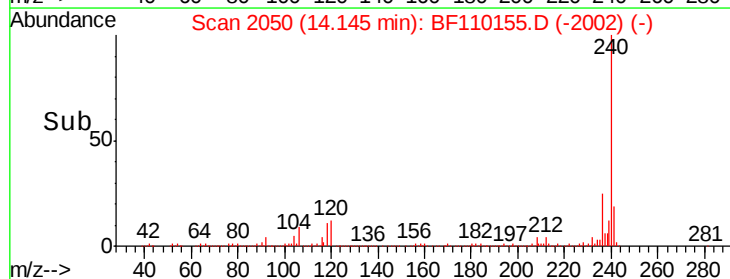


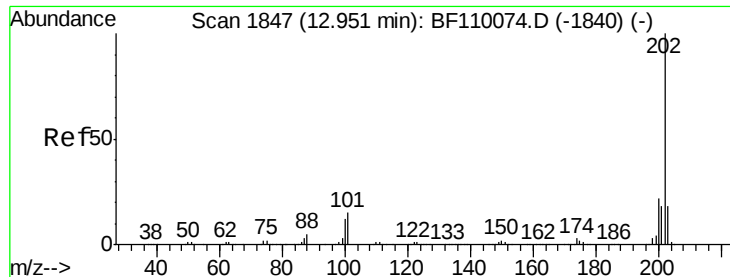
Abundance

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: 2.038 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110155.D

Acq: 25 Oct 2018 12:18

Instrument :

BNA_F

ClientSampleId :

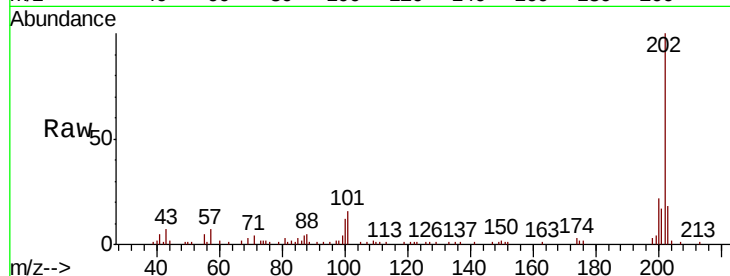
Tot Ion:202 Resp: 40908

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

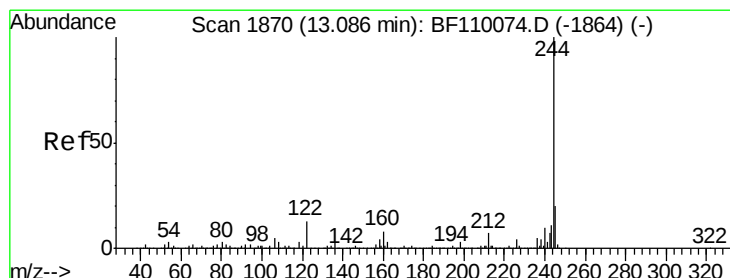
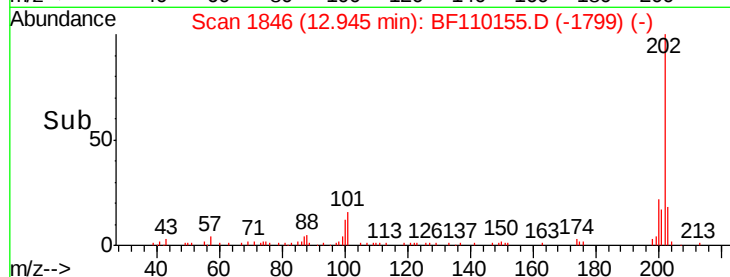
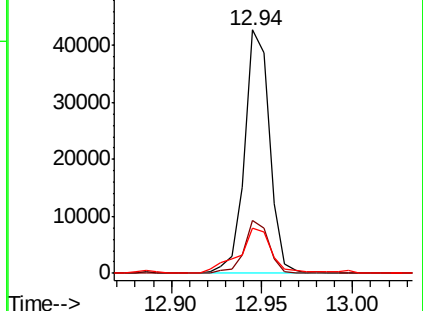
203 18.4 14.2 21.4



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: 73.498 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110155.D

Acq: 25 Oct 2018 12:18

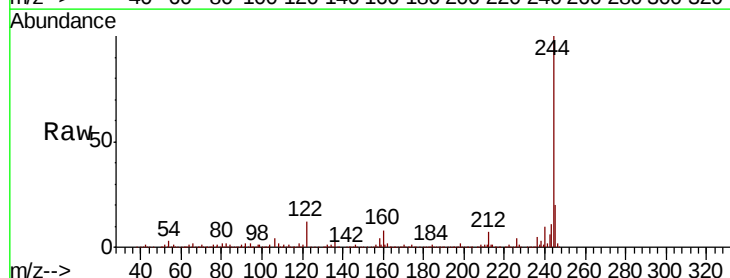
Tgt Ion:244 Resp: 989394

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

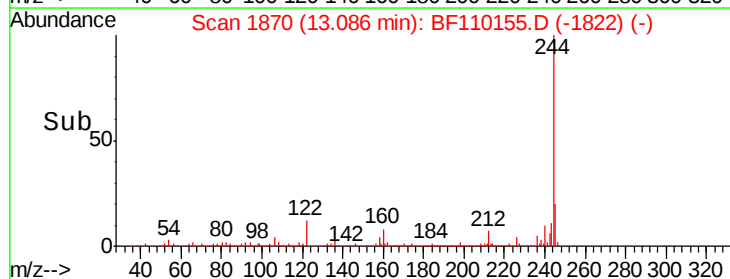
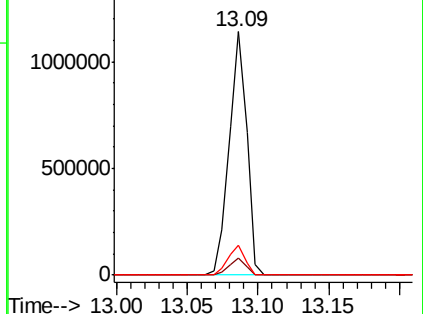
122 12.2 8.7 13.1

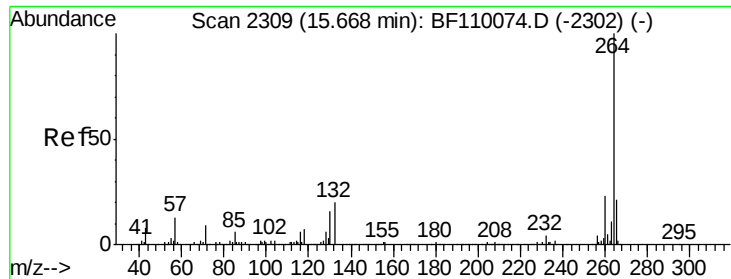


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

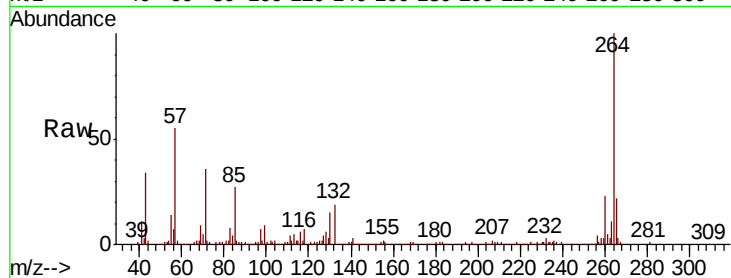




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF110155.D
 Acq: 25 Oct 2018 12:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	16.7	25.1



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

