

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120106.D
 Acq On : 21 Apr 2020 17:03
 Operator : MA/SJ
 Sample : L2343-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 01:48:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

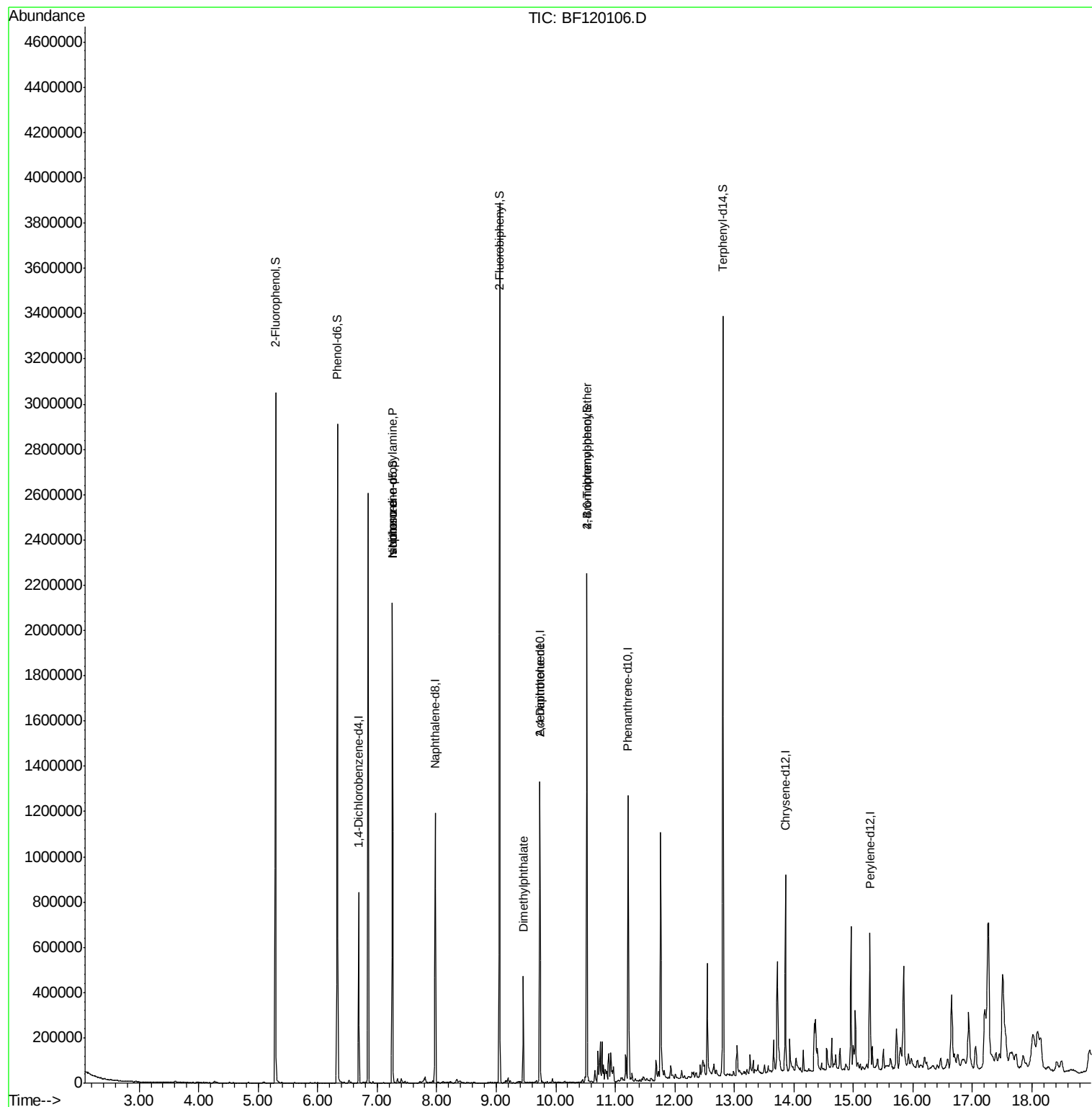
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	124970	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	480765	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	237755	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	441615	20.00	ng	0.00
76) Chrysene-d12	13.86	240	263630	20.00	ng	-0.01
87) Perylene-d12	15.27	264	247231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	744524	102.96	ng	0.00
7) Phenol-d6	6.33	99	953200	102.30	ng	0.00
23) Nitrobenzene-d5	7.26	82	605797	65.19	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	238266	81.85	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1134836	67.77	ng	0.00
79) Terphenyl-d14	12.81	244	1086725	69.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.25	77	260	Below Cal		Qvalue # 41
19) n-Nitroso-di-n-propylamine	7.26	70	79114	13.204	ng	# 76
25) Isophorone	7.26	82	605789	33.816	ng	# 65
50) Dimethylphthalate	9.45	163	165693	9.010	ng	99
57) 2,4-Dinitrotoluene	9.73	165	30233	5.698	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	15039	2.738	ng	# 1

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

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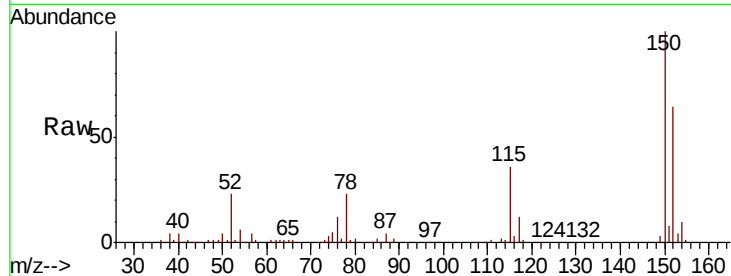


#1

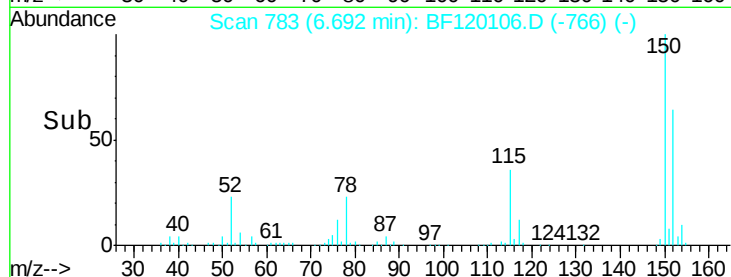
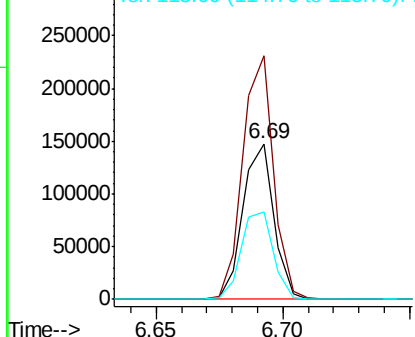
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120106.D
Acq: 21 Apr 2020 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124970
Ion Ratio Lower Upper
152 100
150 156.6 124.8 187.2
115 55.8 46.5 69.7



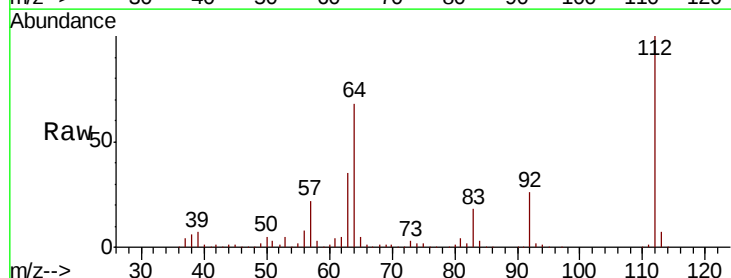
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



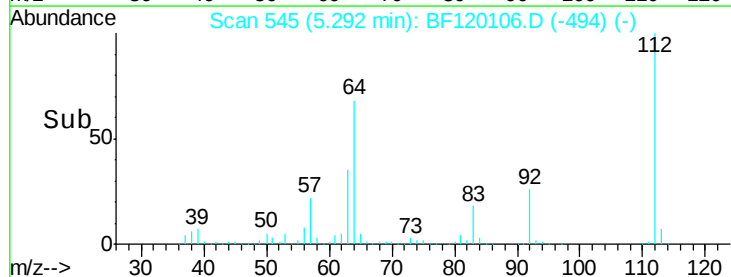
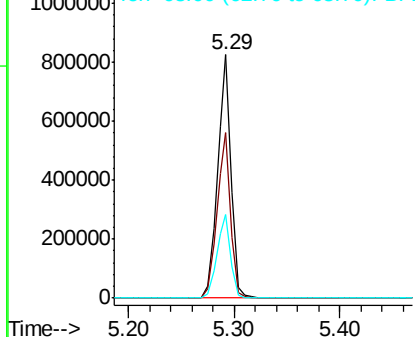
#5

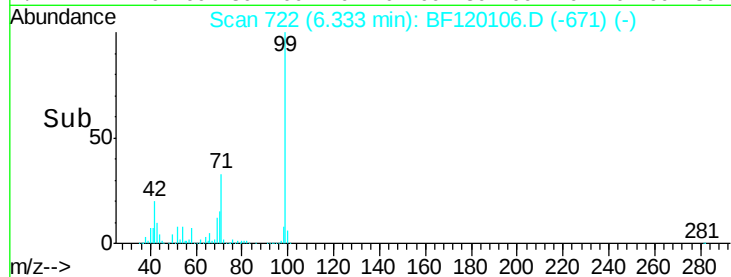
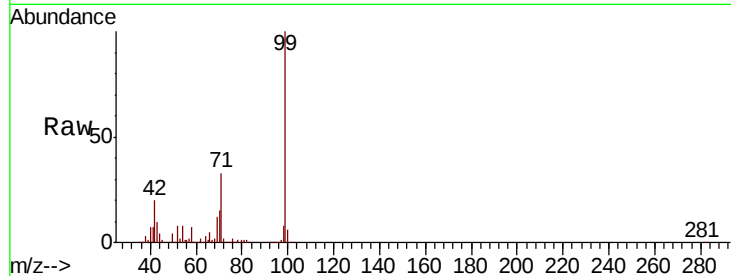
2-Fluorophenol
Concen: 102.959 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF120106.D
Acq: 21 Apr 2020 17:03

Tgt Ion:112 Resp: 744524
Ion Ratio Lower Upper
112 100
64 68.2 55.5 83.3
63 34.6 29.1 43.7



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: 102.298 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

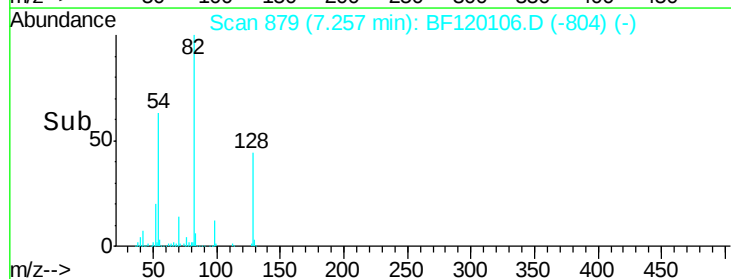
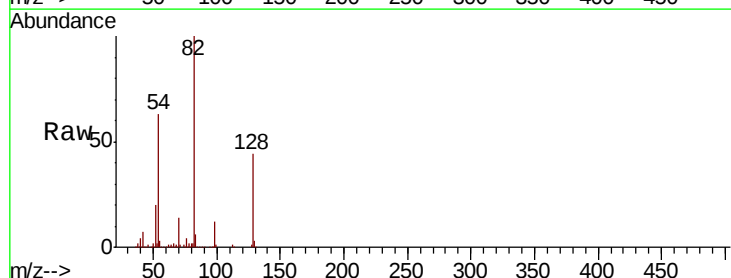
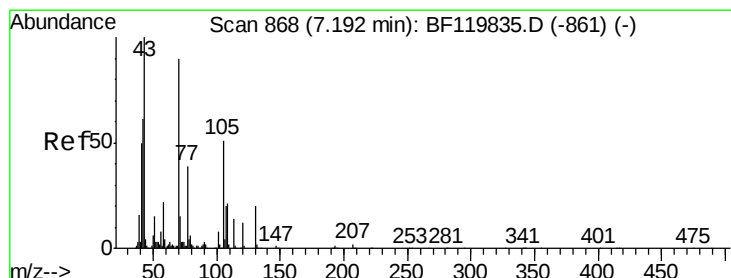
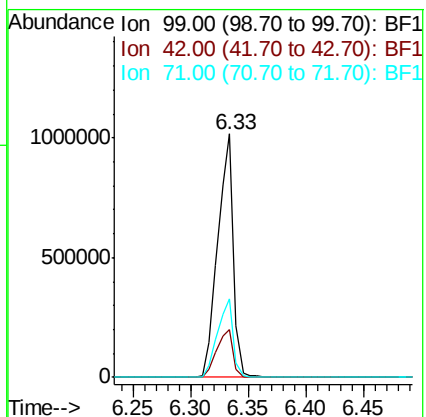
Tot Ion: 99 Resp: 953200

Ion Ratio Lower Upper

99 100

42 19.9 16.9 25.3

71 32.5 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 13.204 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Tgt Ion: 70 Resp: 79114

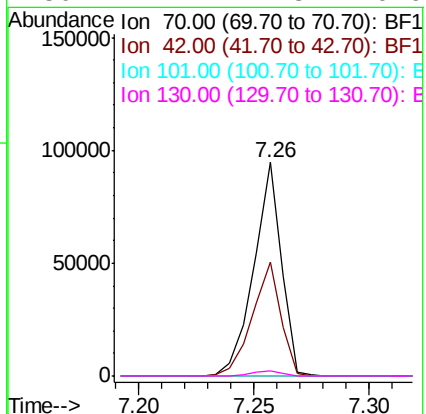
Ion Ratio Lower Upper

70 100

42 53.4 54.2 81.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.6#

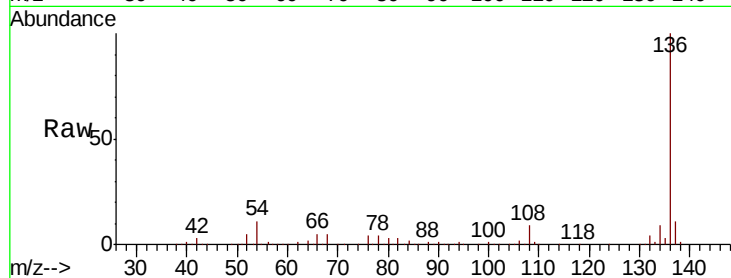




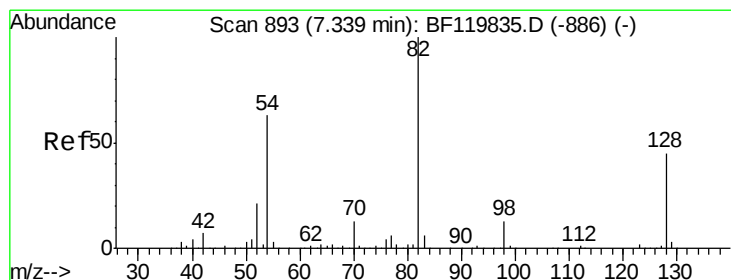
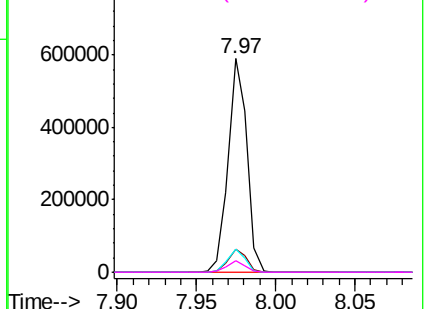
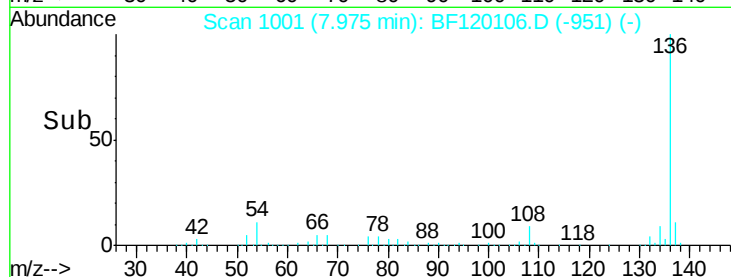
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF120106.D
Acq: 21 Apr 2020 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	480765
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	10.6	8.5 12.7
68	5.4	3.9 5.9

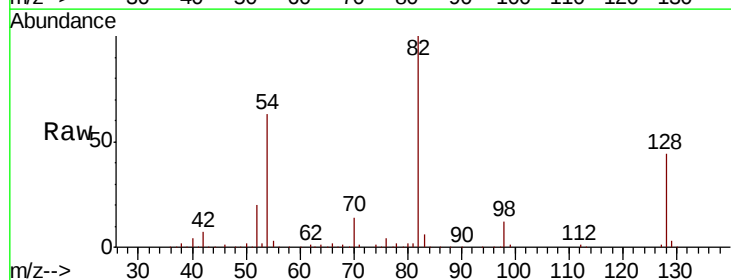


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

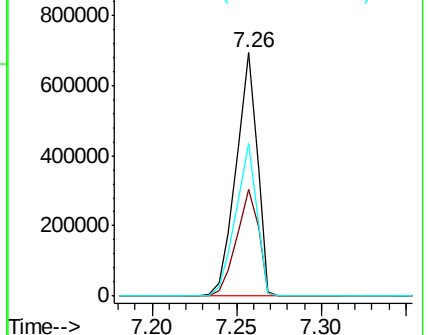
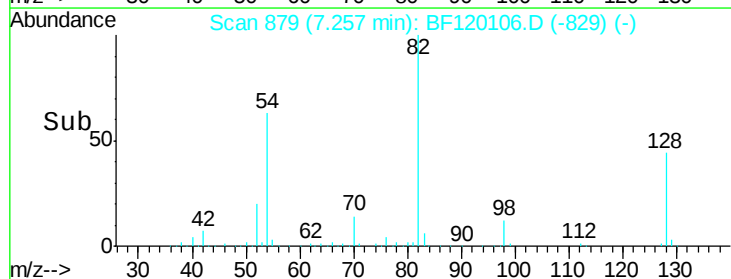


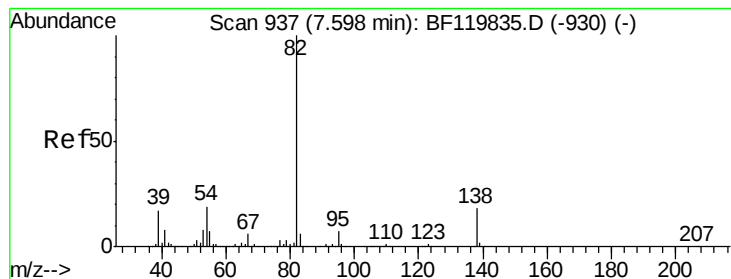
#23
Nitrobenzene-d5
Concen: 65.188 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120106.D
Acq: 21 Apr 2020 17:03

Tgt Ion: 82	Resp:	605797
Ion	Ratio	Lower Upper
82	100	
128	43.7	36.2 54.4
54	62.8	50.4 75.6



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: 33.816 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

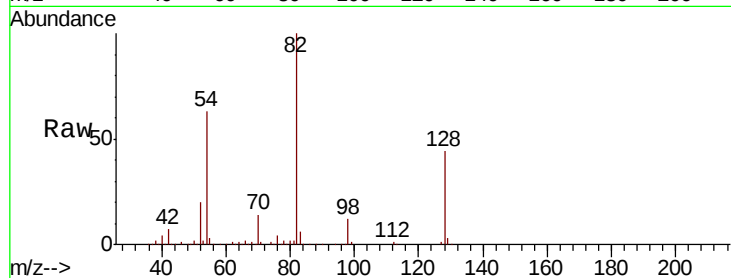
Tot Ion: 82 Resp: 605789

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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

7.26

800000

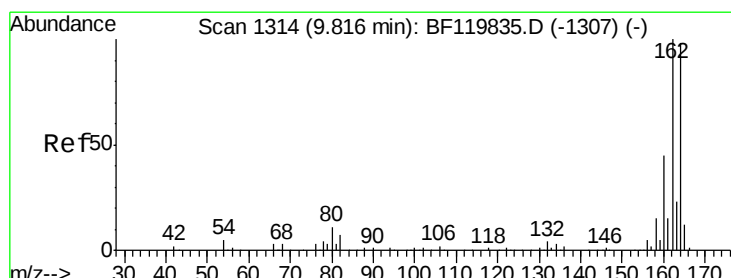
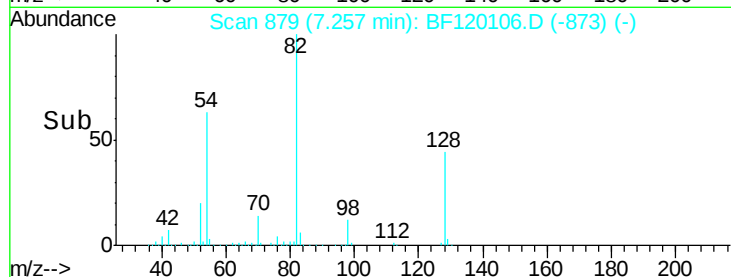
600000

400000

200000

0

Time--> 7.20 7.25 7.30



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

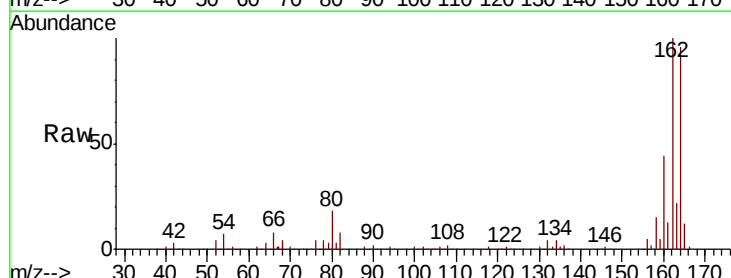
Tgt Ion:164 Resp: 237755

Ion Ratio Lower Upper

164 100

162 103.7 81.9 122.9

160 45.7 36.6 54.8



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

9.73

400000

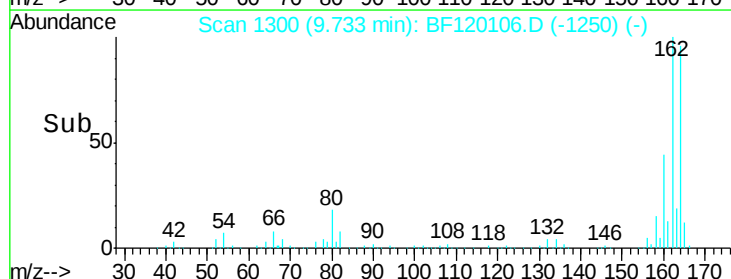
300000

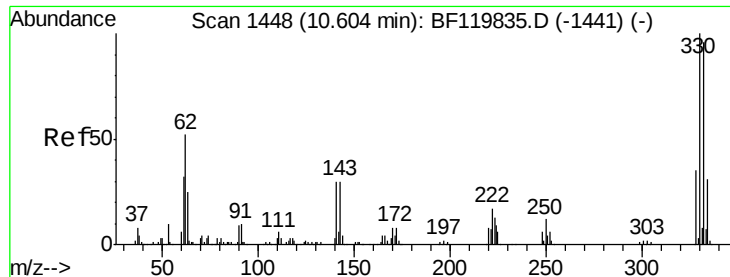
200000

100000

0

Time--> 9.70 9.75 9.80





#42

2,4,6-Tribromophenol

Concen: 81.852 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

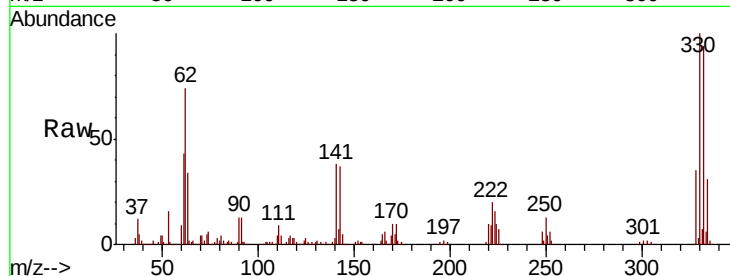
Tot Ion:330 Resp: 238266

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

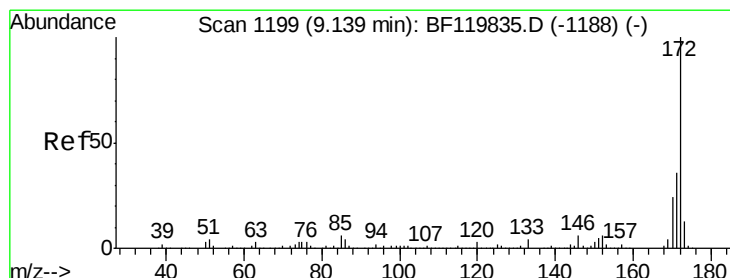
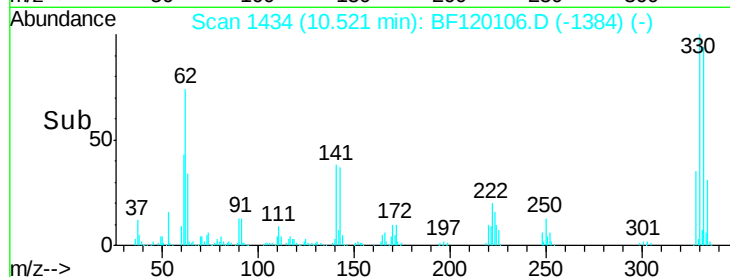
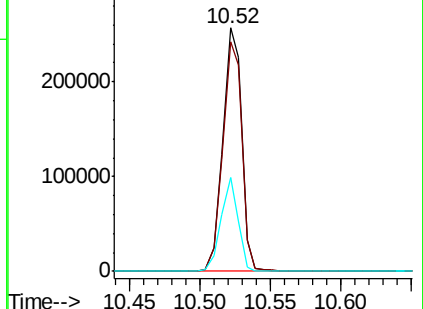
141 35.1 25.1 37.7



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: 67.768 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

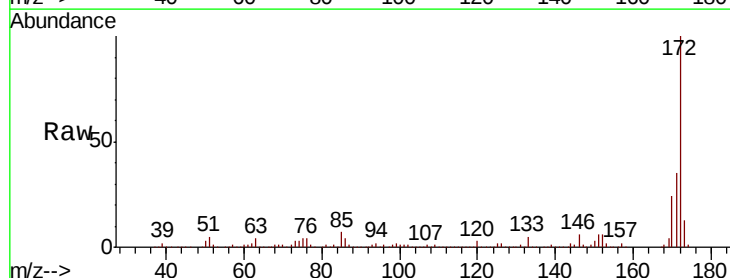
Tgt Ion:172 Resp: 1134836

Ion Ratio Lower Upper

172 100

171 34.9 28.9 43.3

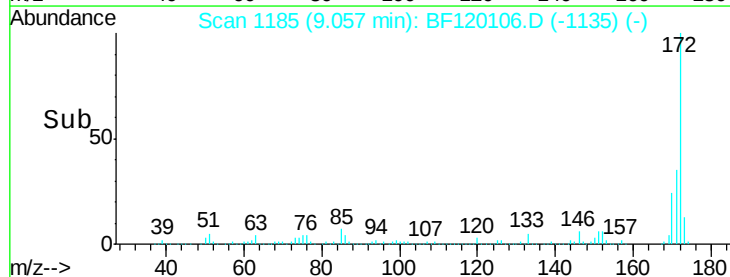
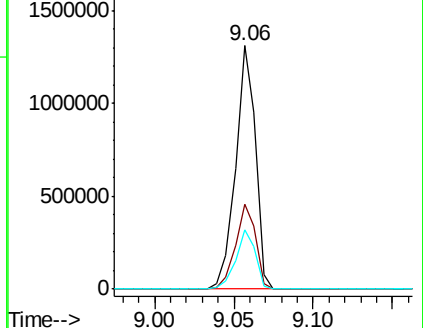
170 24.1 19.4 29.2

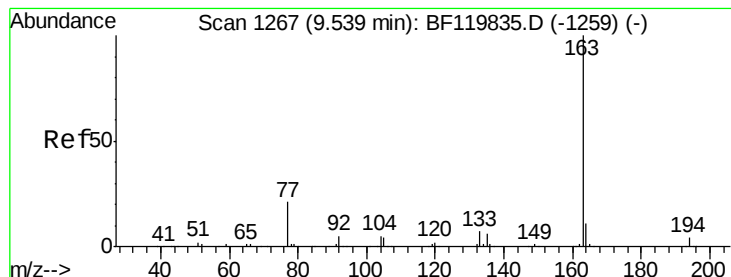


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.010 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

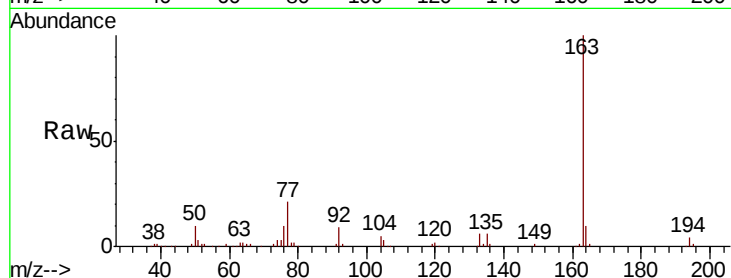
Tot Ion:163 Resp: 165693

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

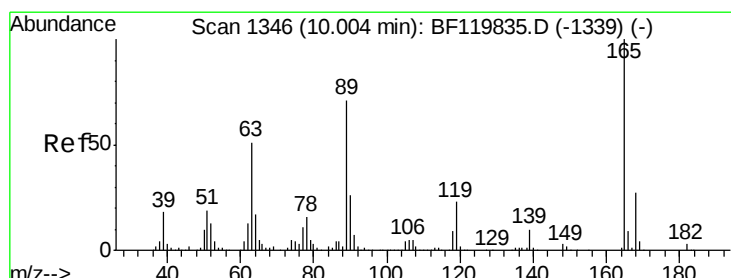
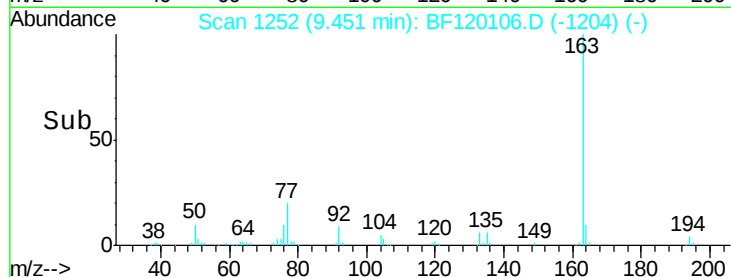
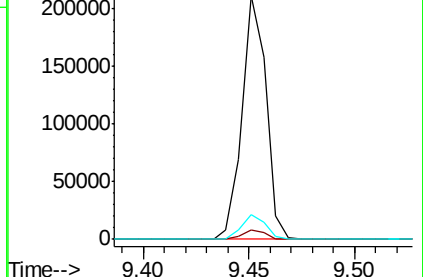
164 10.0 8.4 12.6



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: 5.698 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Tgt Ion:165 Resp: 30233

Ion Ratio Lower Upper

165 100

63 1.6 40.8 61.2#

89 1.6 56.9 85.3#

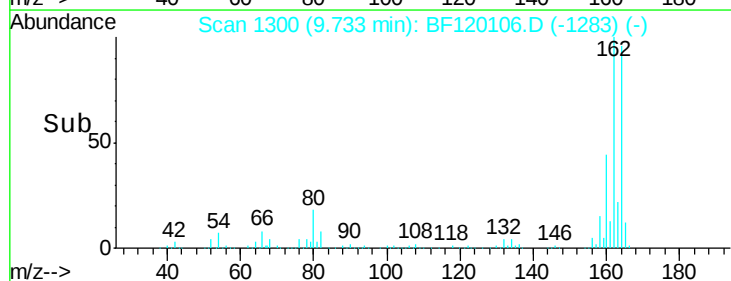
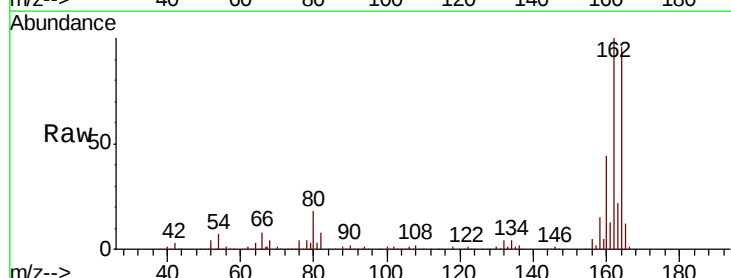
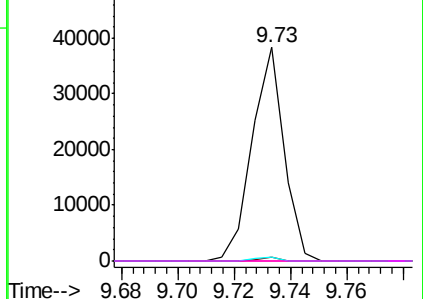
182 0.0 2.0 3.0#

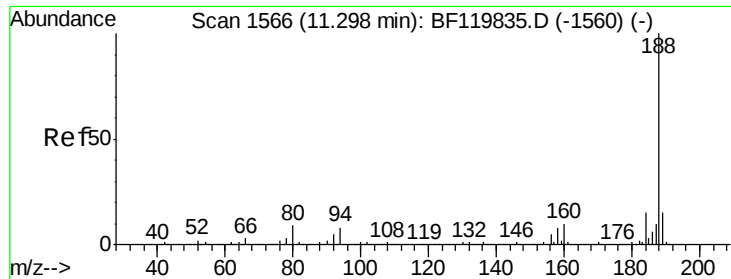
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

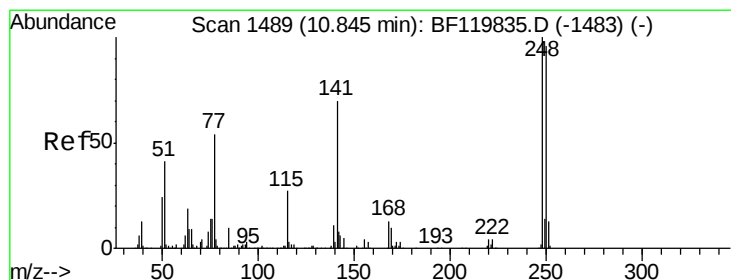
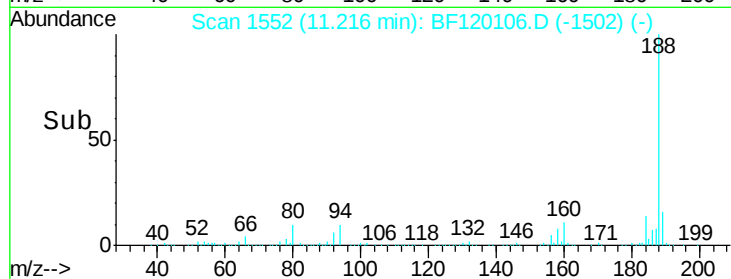
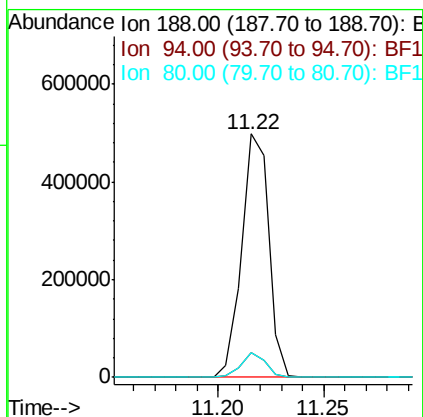
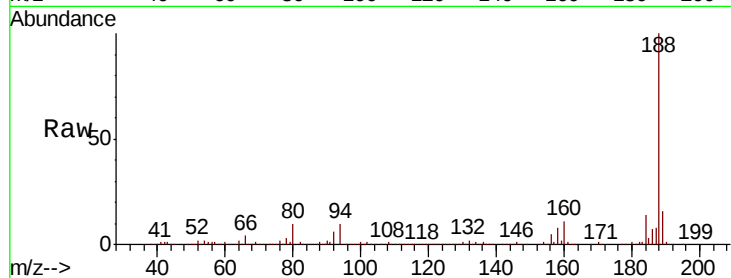




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF120106.D
 Acq: 21 Apr 2020 17:03

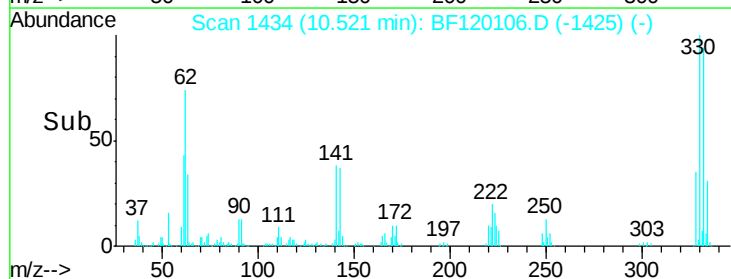
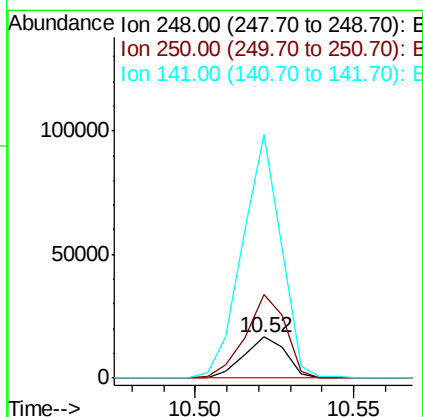
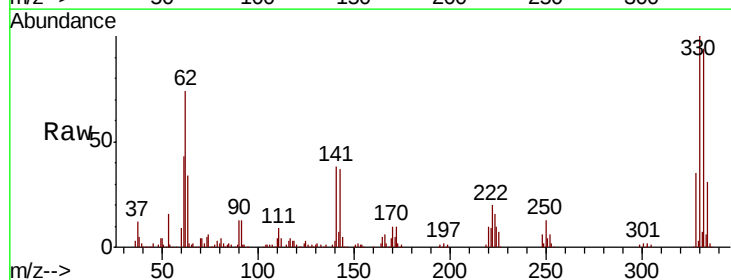
Instrument :
 BNA_F
 ClientSampleId :

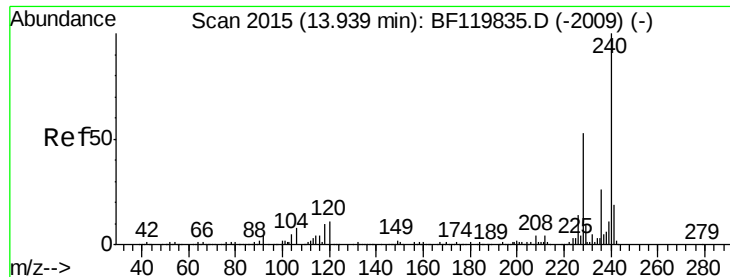
Tot Ion:188 Resp: 441615
 Ion Ratio Lower Upper
 188 100
 94 9.9 6.7 10.1
 80 10.0 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 2.738 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF120106.D
 Acq: 21 Apr 2020 17:03

Tgt Ion:248 Resp: 15039
 Ion Ratio Lower Upper
 248 100
 250 204.9 76.6 114.8#
 141 594.6 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

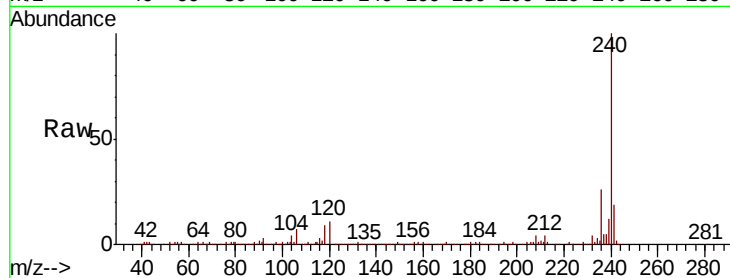
Tot Ion:240 Resp: 263630

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.6

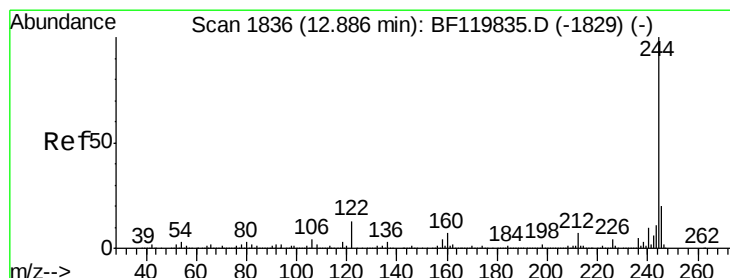
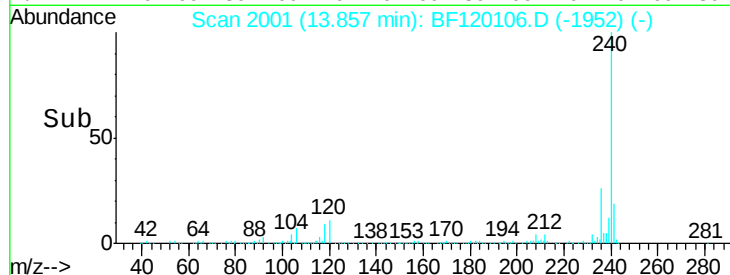
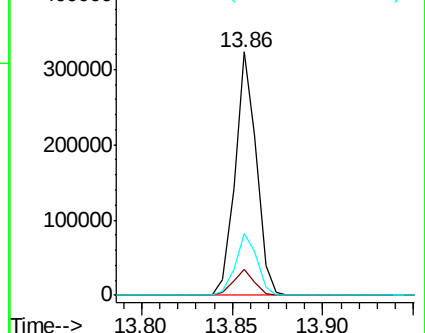
236 25.5 20.7 31.1



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



#79

Terphenyl-d14

Concen: 69.362 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

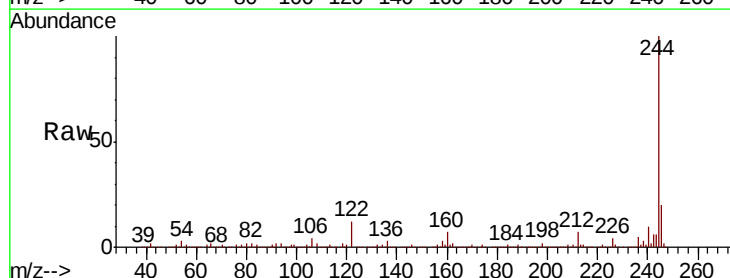
Tgt Ion:244 Resp: 1086725

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

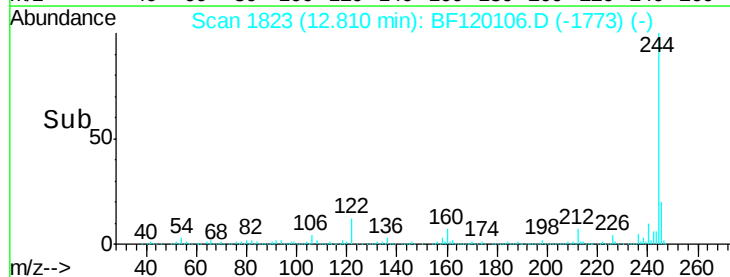
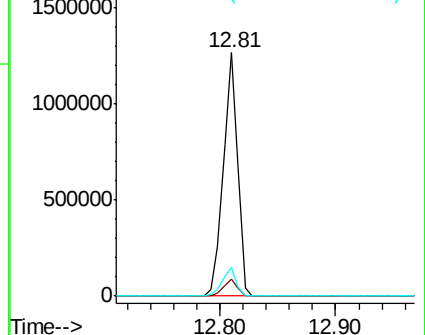
122 12.0 10.3 15.5

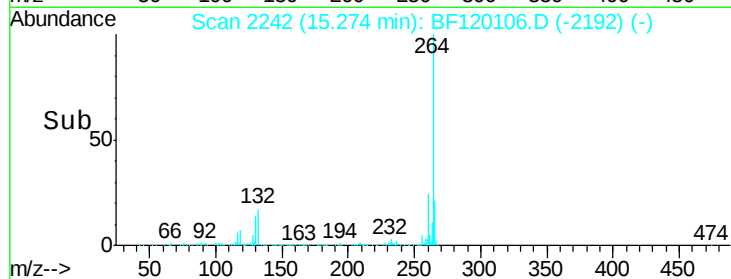
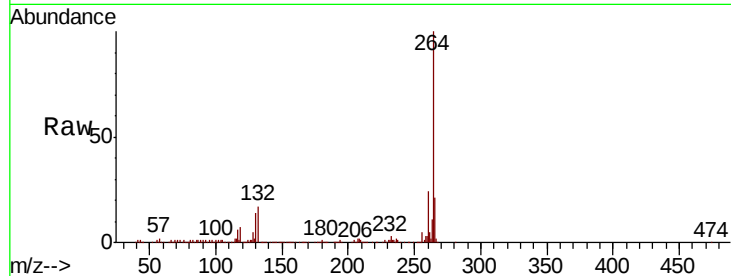
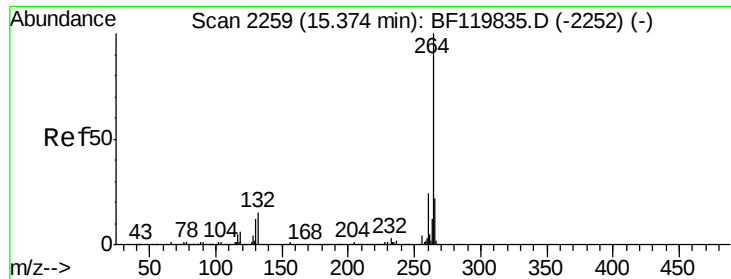


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2242
 Delta R.T. -0.01 min
 Lab File: BF120106.D
 Acq: 21 Apr 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.2	17.6	26.4

