

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119900.D
 Acq On : 10 Apr 2020 17:45
 Operator : MA/SJ
 Sample : L2178-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-41

Quant Time: Apr 11 02:05:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

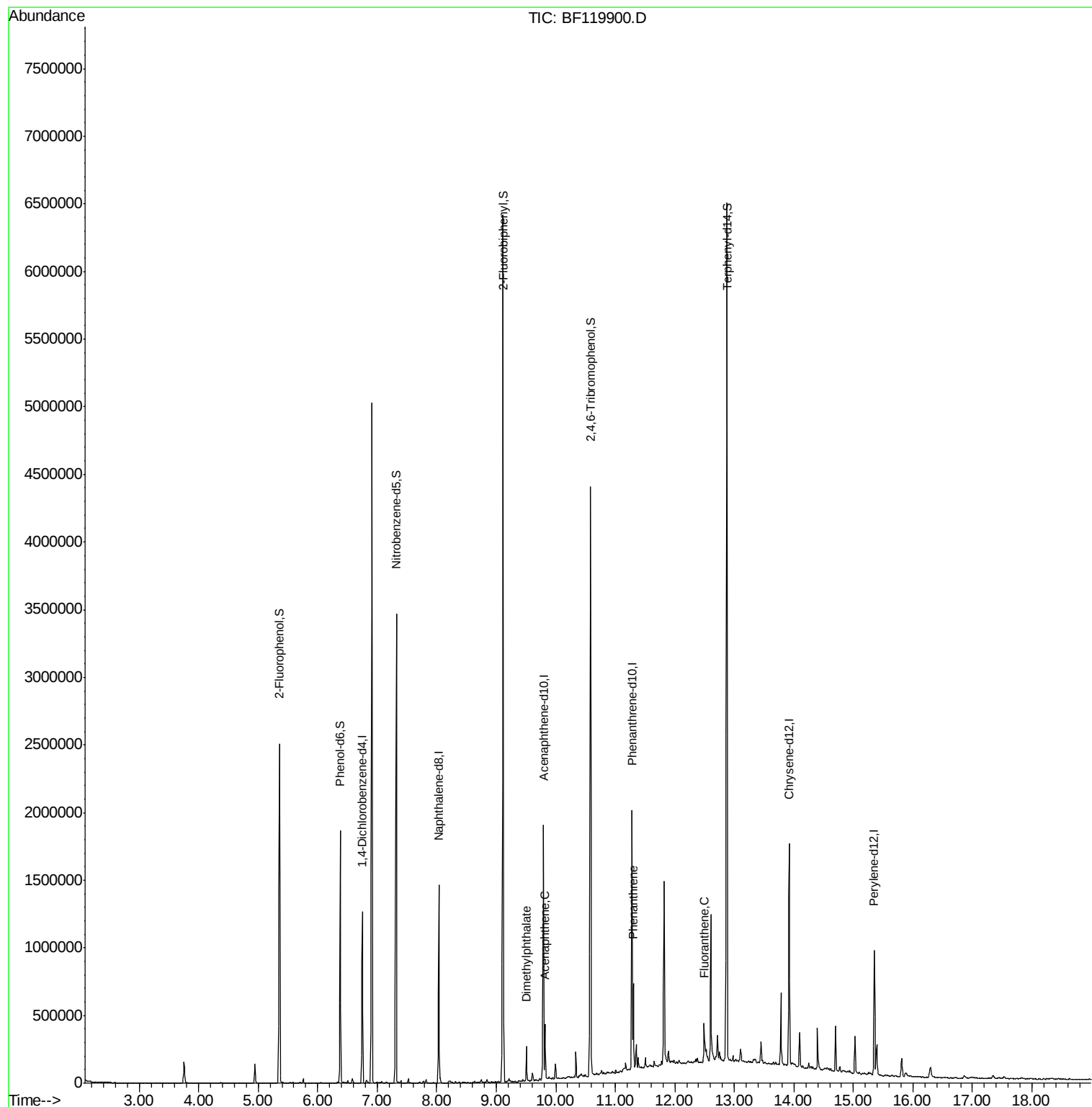
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	176387	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	662230	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	371403	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	724025	20.00	ng	0.00
76) Chrysene-d12	13.92	240	532821	20.00	ng	0.00
87) Perylene-d12	15.36	264	434985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	697524	68.34	ng	0.00
7) Phenol-d6	6.38	99	554082	42.13	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1272867	99.44	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	613362	134.89	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2377759	90.90	ng	0.00
79) Terphenyl-d14	12.87	244	2693517	85.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.51	163	95997	3.342	ng	98
52) Acenaphthene	9.82	154	68798	2.808	ng	98
71) Phenanthrene	11.30	178	239071	6.204	ng	99
75) Fluoranthene	12.49	202	114933	2.764	ng	96

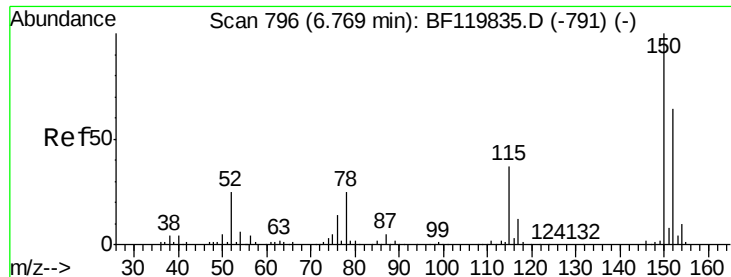
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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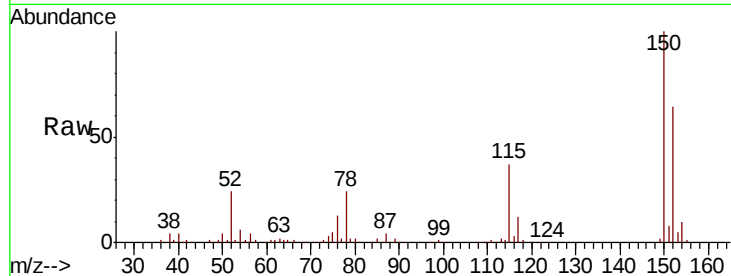


#1

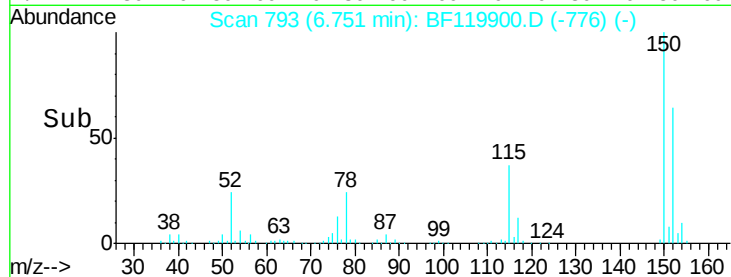
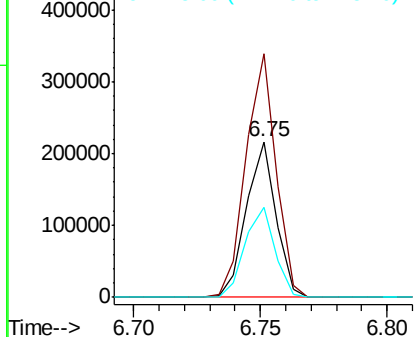
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF119900.D
 Acq: 10 Apr 2020 17:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-4I

Tot Ion:152 Resp: 176387
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.8 187.2
 115 58.2 46.5 69.7



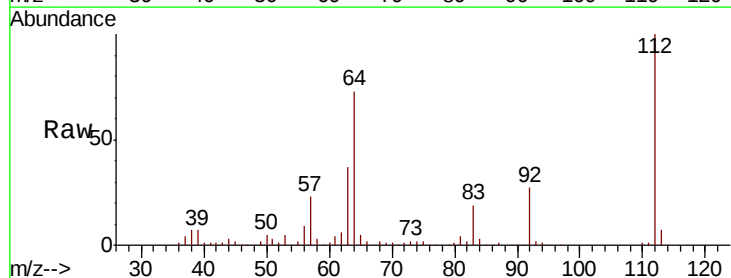
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



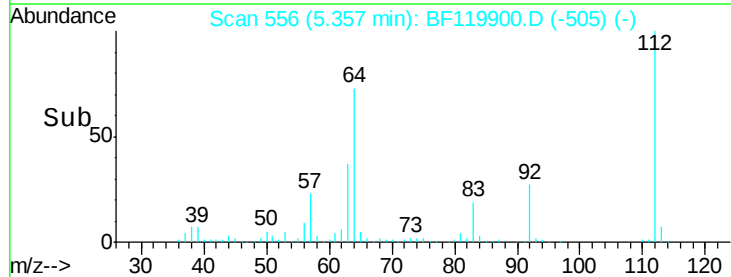
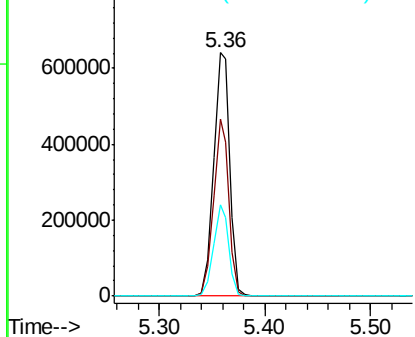
#5

2-Fluorophenol
 Concen: 68.341 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF119900.D
 Acq: 10 Apr 2020 17:45

Tgt Ion:112 Resp: 697524
 Ion Ratio Lower Upper
 112 100
 64 72.7 55.5 83.3
 63 37.3 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: 42.130 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119900.D

Acq: 10 Apr 2020 17:45

Instrument :

BNA_F

ClientSampleId :

MW-4I

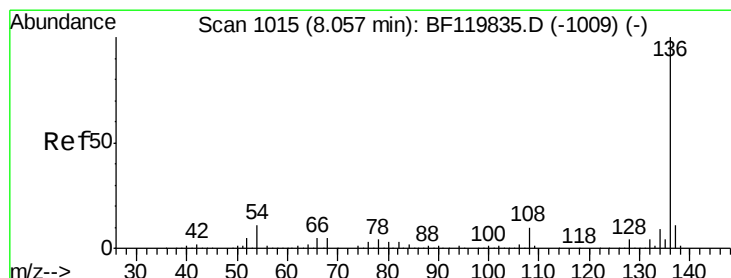
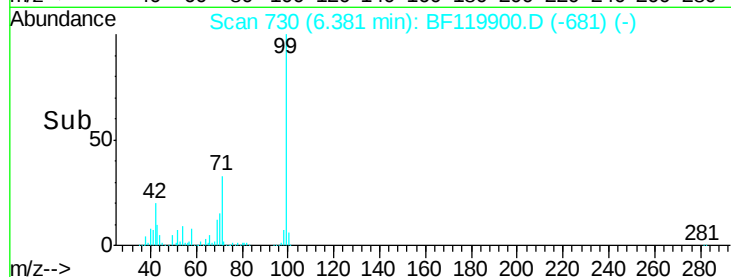
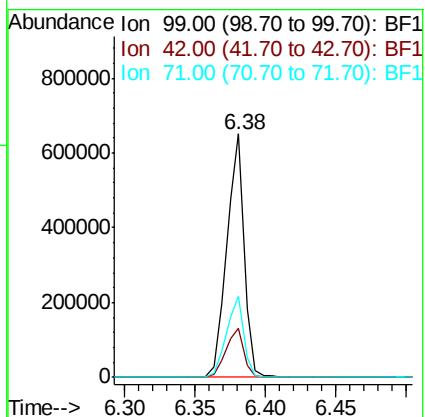
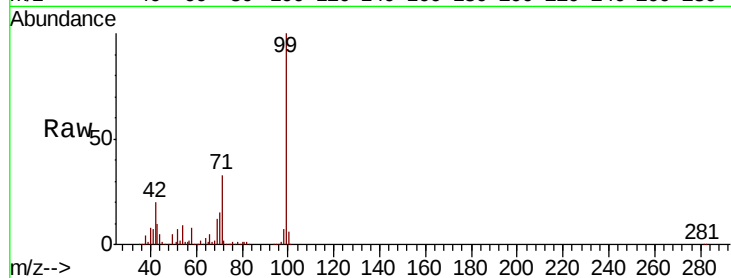
Tot Ion: 99 Resp: 554082

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 33.1 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119900.D

Acq: 10 Apr 2020 17:45

Tgt Ion: 136 Resp: 662230

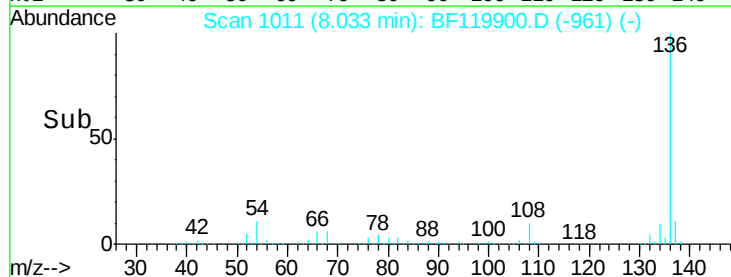
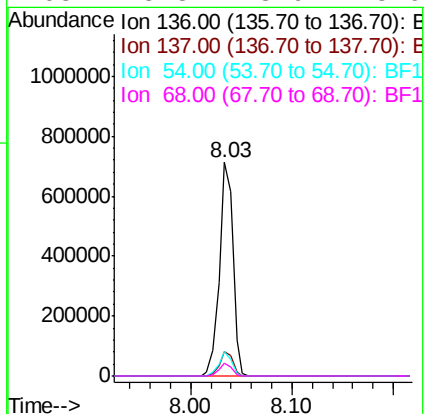
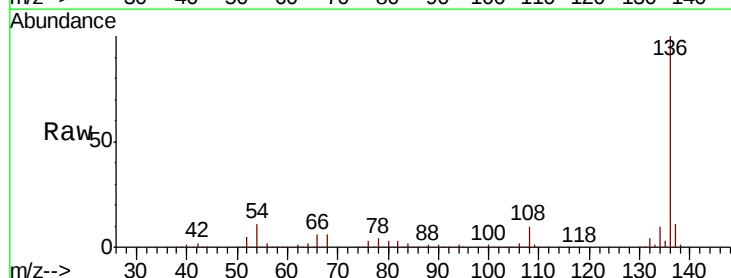
Ion Ratio Lower Upper

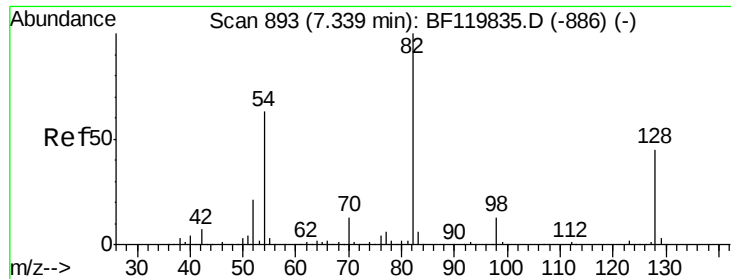
136 100

137 11.2 8.7 13.1

54 11.5 8.5 12.7

68 5.8 3.9 5.9

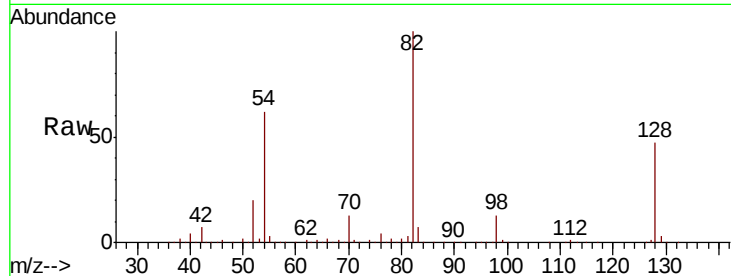




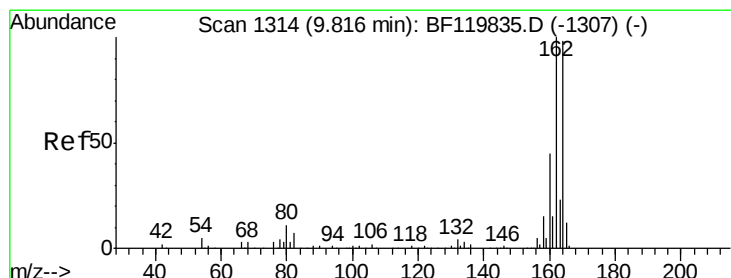
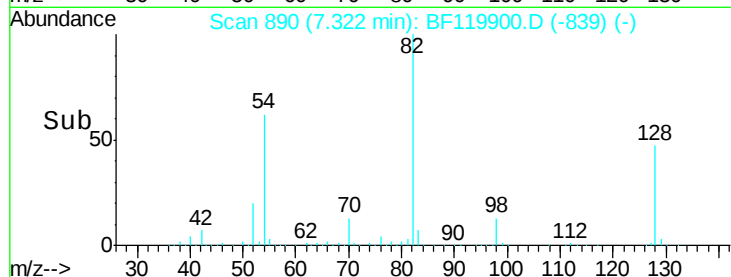
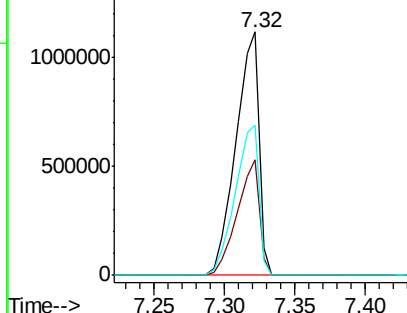
#23
Nitrobenzene-d5
Concen: 99.437 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF119900.D
Acq: 10 Apr 2020 17:45

Instrument :
BNA_F
ClientSampled :
MW-4I

Tot Ion: 82 Resp: 1272867
Ion Ratio Lower Upper
82 100
128 47.3 36.2 54.4
54 61.9 50.4 75.6

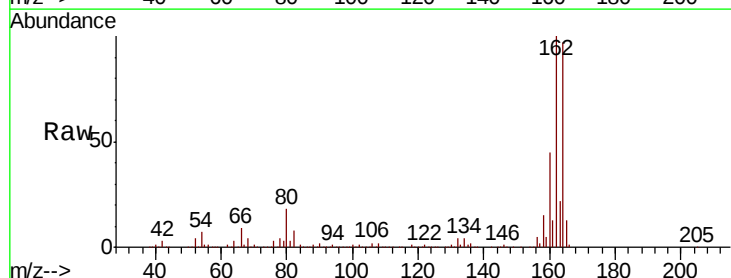


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

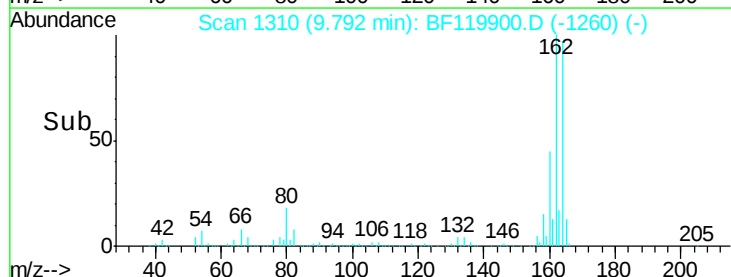
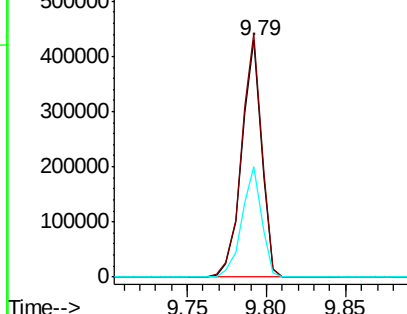


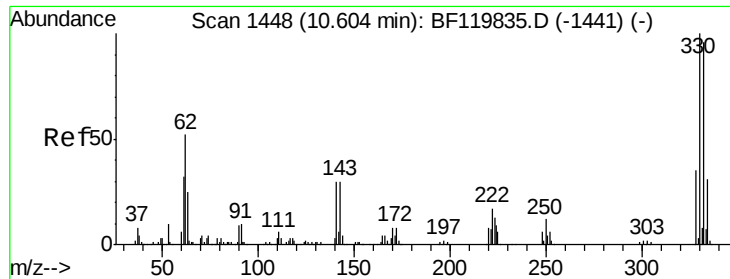
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF119900.D
Acq: 10 Apr 2020 17:45

Tgt Ion:164 Resp: 371403
Ion Ratio Lower Upper
164 100
162 102.7 81.9 122.9
160 46.5 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
600000 Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

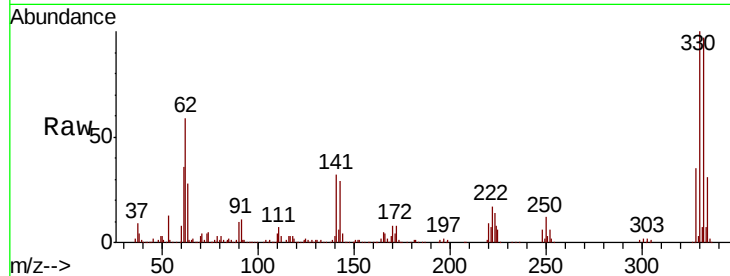




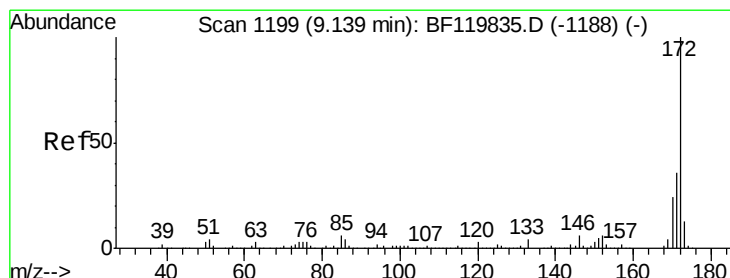
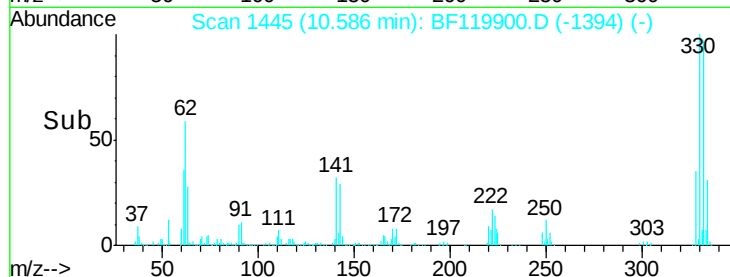
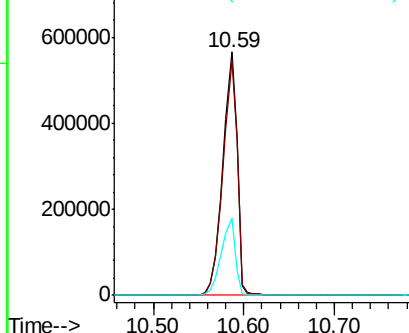
#42
 2,4,6-Tribromophenol
 Concen: 134.887 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF119900.D
 Acq: 10 Apr 2020 17:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-4I

Tot Ion:330 Resp: 613362
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 31.3 25.1 37.7

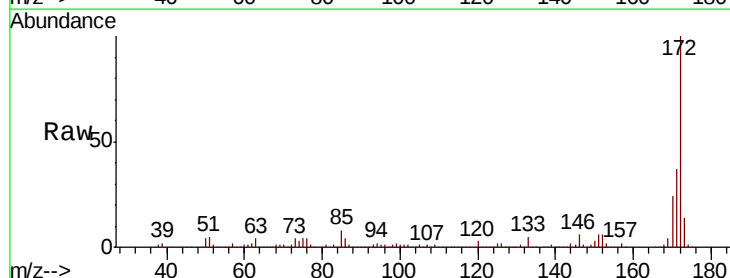


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

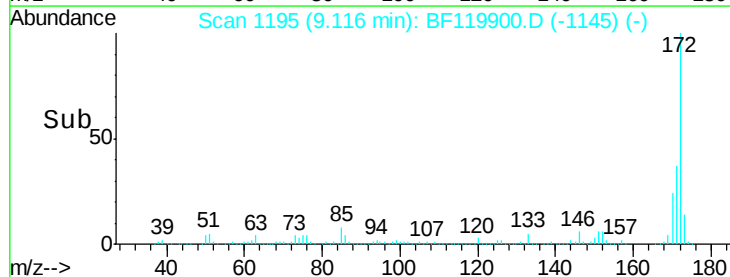
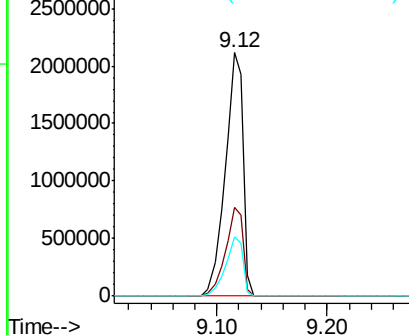


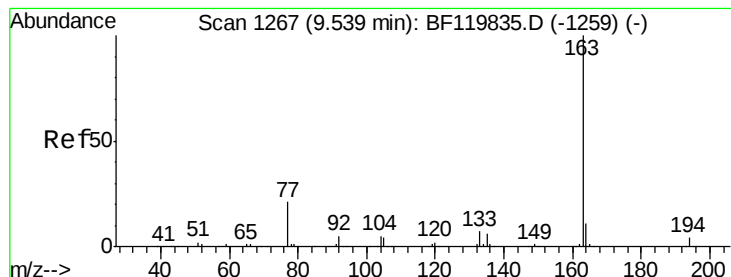
#45
 2-Fluorobiphenyl
 Concen: 90.896 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119900.D
 Acq: 10 Apr 2020 17:45

Tgt Ion:172 Resp: 2377759
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.3 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: 3.342 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF119900.D

Acq: 10 Apr 2020 17:45

Instrument :

BNA_F

ClientSampleId :

MW-4I

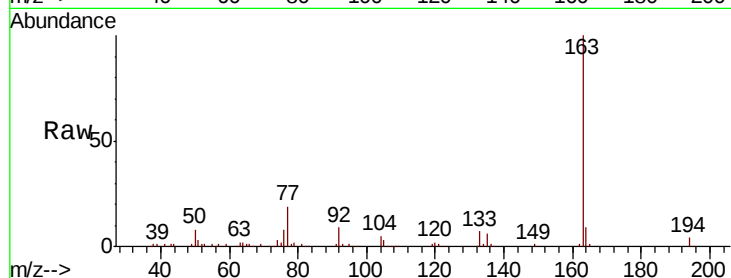
Tot Ion:163 Resp: 95997

Ion Ratio Lower Upper

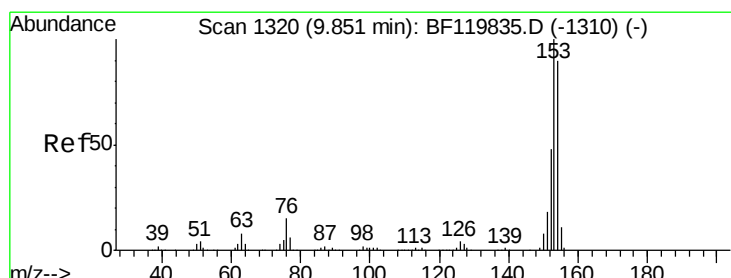
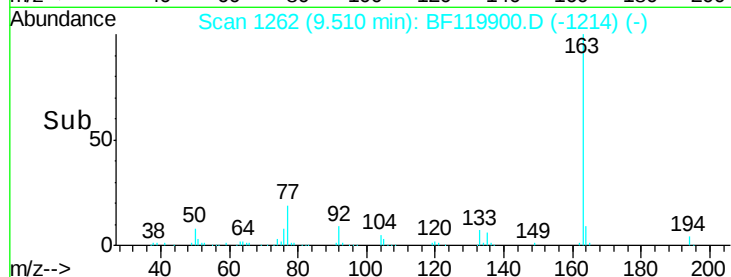
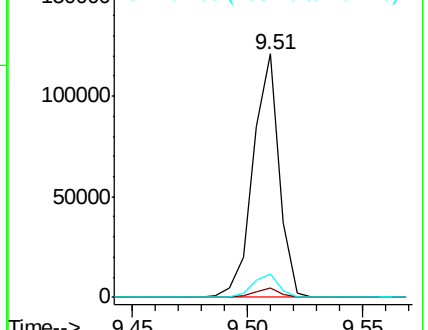
163 100

194 3.9 3.0 4.4

164 9.4 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



#52

Acenaphthene

Concen: 2.808 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119900.D

Acq: 10 Apr 2020 17:45

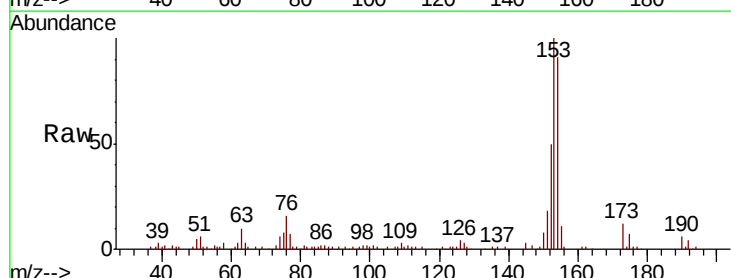
Tgt Ion:154 Resp: 68798

Ion Ratio Lower Upper

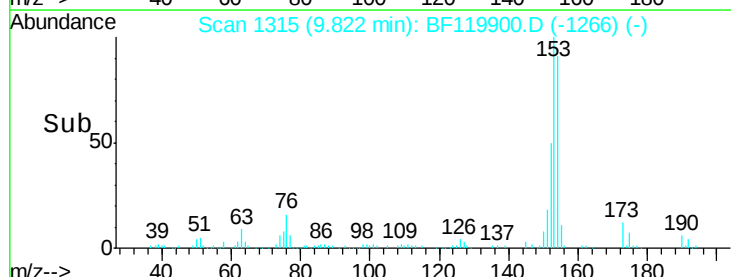
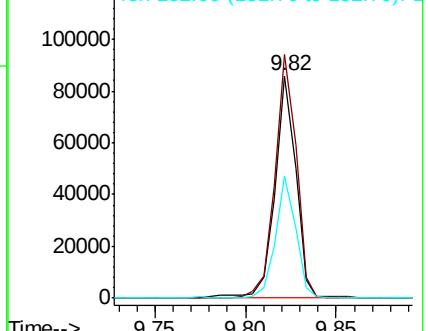
154 100

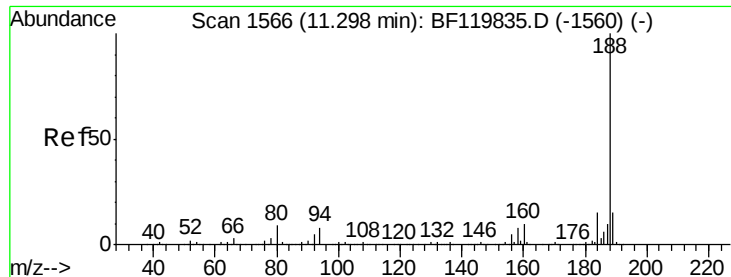
153 109.6 88.8 133.2

152 54.9 42.4 63.6



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF119900.D

Acq: 10 Apr 2020 17:45

Instrument :

BNA_F

ClientSampled :

MW-4I

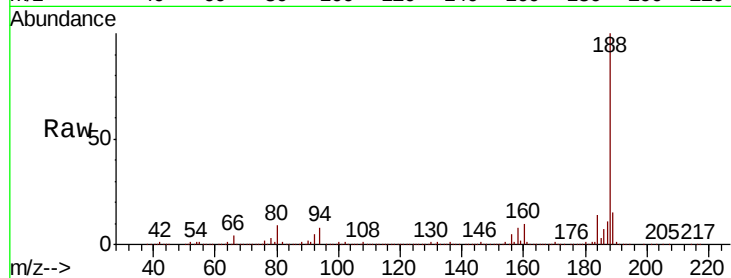
Tot Ion:188 Resp: 724025

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

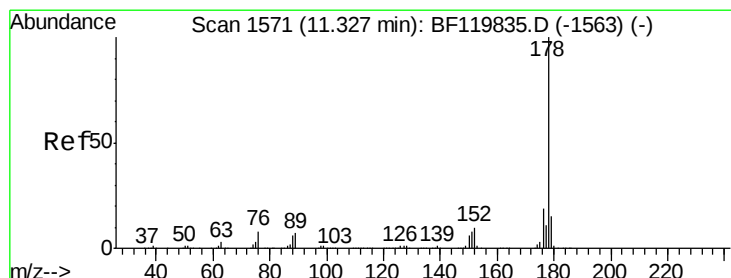
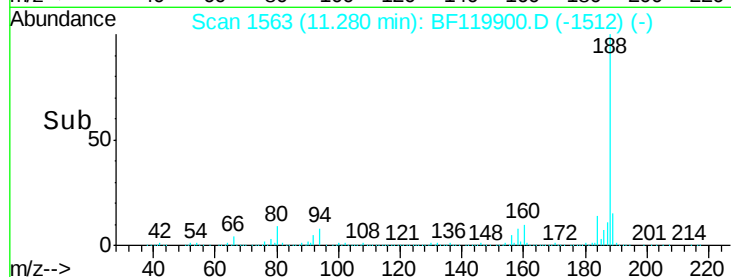
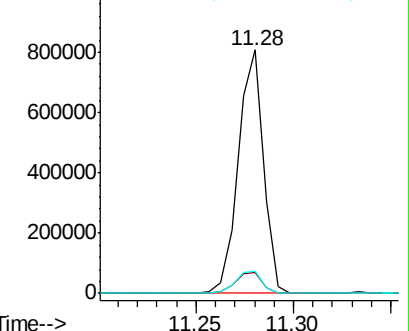
80 9.2 7.4 11.2



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



#71

Phenanthrene

Concen: 6.204 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF119900.D

Acq: 10 Apr 2020 17:45

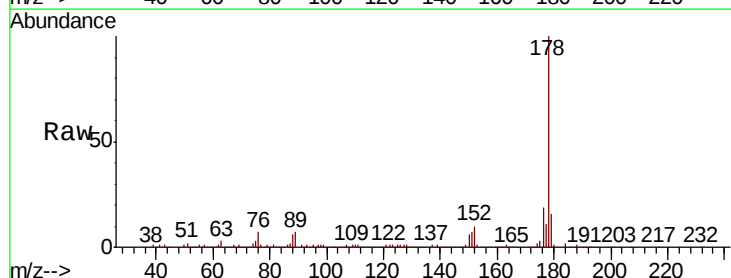
Tgt Ion:178 Resp: 239071

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

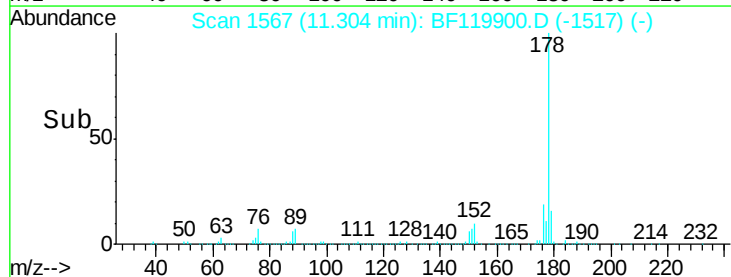
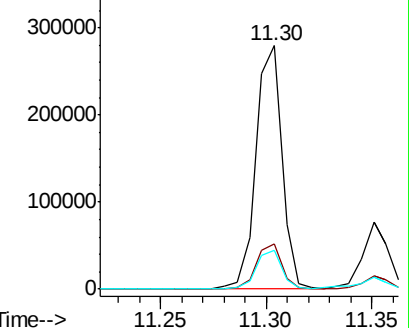
179 15.8 12.2 18.4

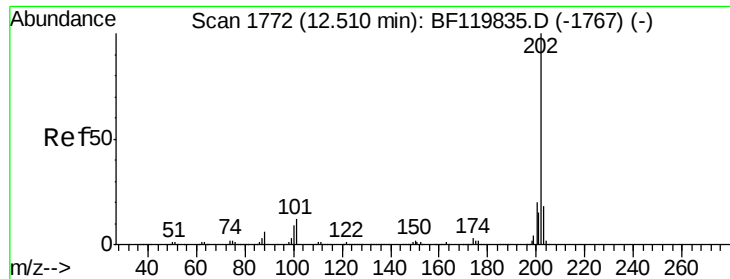


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.764 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF119900.D

Acq: 10 Apr 2020 17:45

Instrument :

BNA_F

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MW-4I

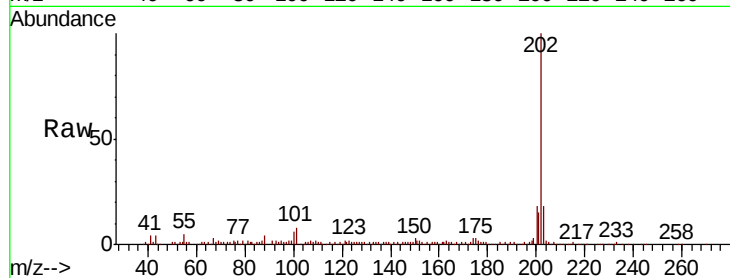
Tot Ion:202 Resp: 114933

Ion Ratio Lower Upper

202 100

101 8.4 0.0 32.3

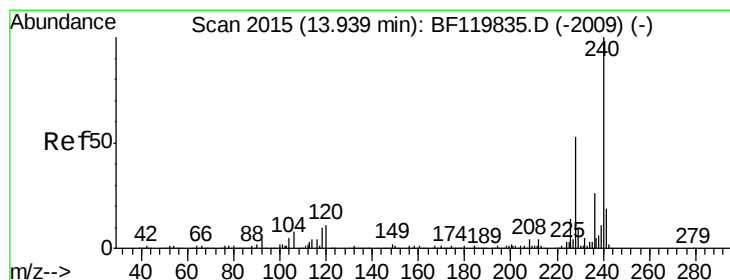
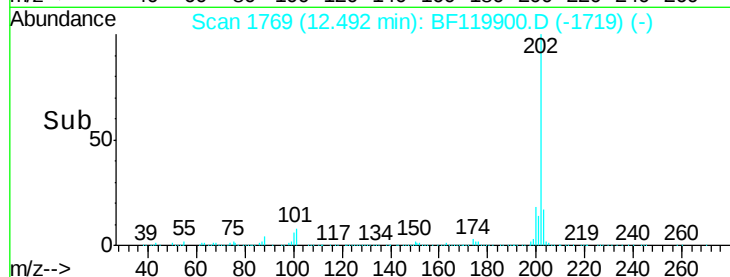
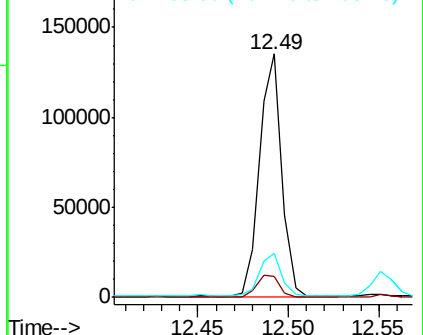
203 17.8 0.0 37.6



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: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF119900.D

Acq: 10 Apr 2020 17:45

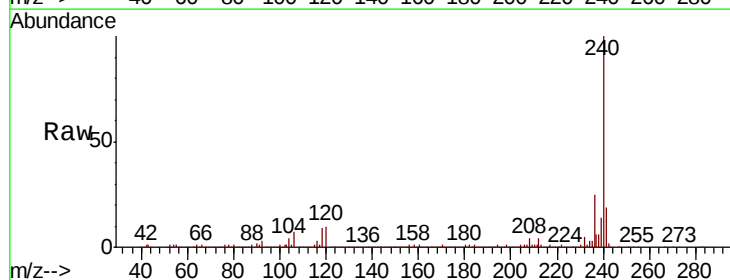
Tgt Ion:240 Resp: 532821

Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.6

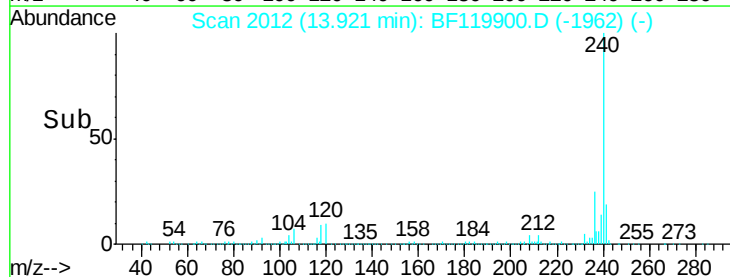
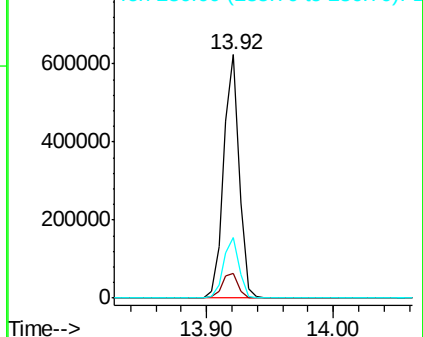
236 25.0 20.7 31.1

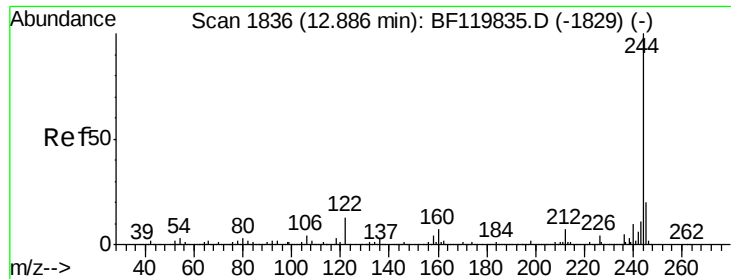


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.062 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF119900.D

Acq: 10 Apr 2020 17:45

Instrument :

BNA_F

ClientSampleId :

MW-4I

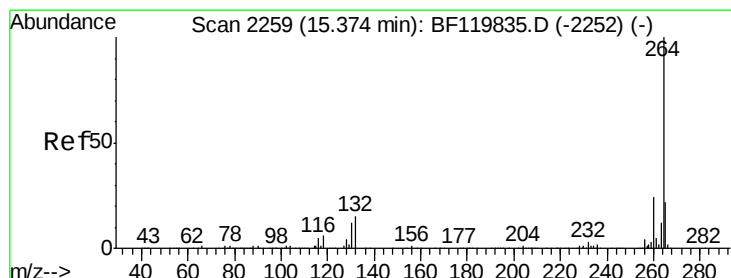
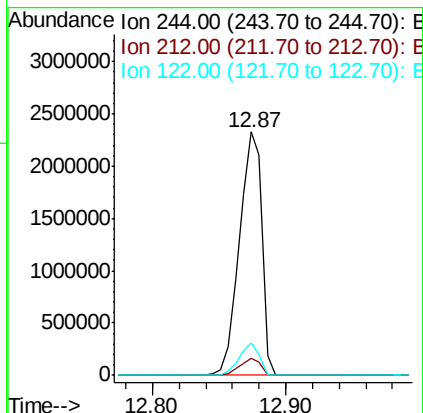
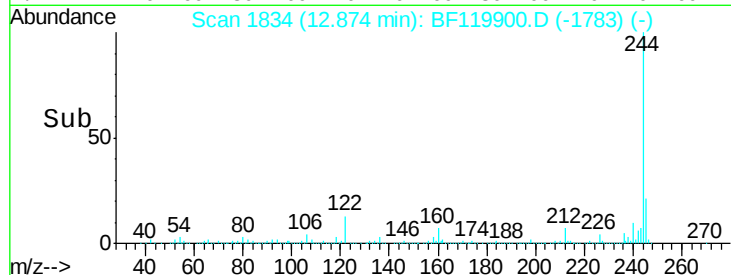
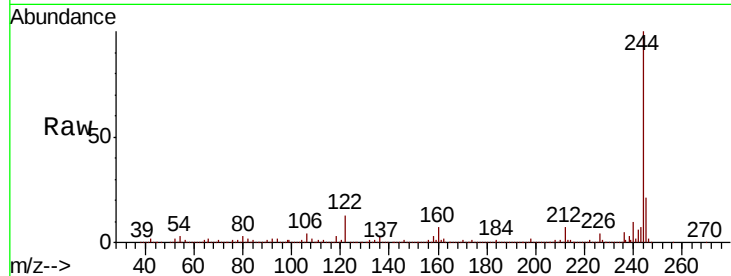
Tot Ion:244 Resp: 2693517

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 13.4 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.00 min

Lab File: BF119900.D

Acq: 10 Apr 2020 17:45

Tgt Ion:264 Resp: 434985

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.5 17.6 26.4

