

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119996.D
 Acq On : 15 Apr 2020 16:22
 Operator : MA/SJ
 Sample : L2245-25
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Quant Time: Apr 16 02:21:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

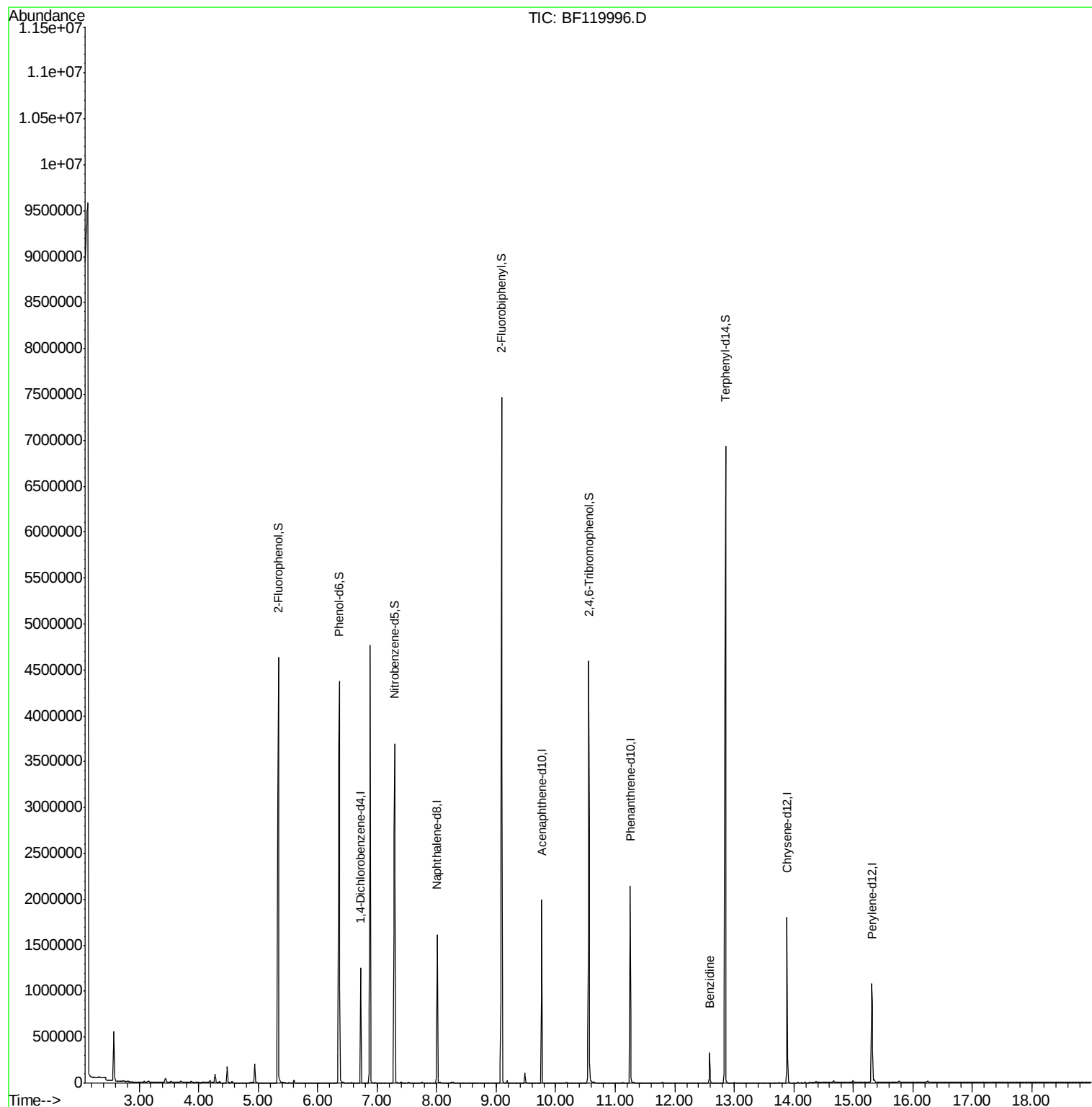
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	181980	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	696797	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	374971	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	759436	20.00	ng	0.00
76) Chrysene-d12	13.89	240	596676	20.00	ng	-0.01
87) Perylene-d12	15.31	264	488645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1461329	138.78	ng	0.01
7) Phenol-d6	6.36	99	1652308	121.77	ng	0.00
23) Nitrobenzene-d5	7.29	82	1314069	97.56	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	582666	126.92	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2441325	92.44	ng	0.00
79) Terphenyl-d14	12.85	244	2901208	81.82	ng	0.00
Target Compounds						
77) Benzidine	12.59	184	127821	6.337	ng	Qvalue 94

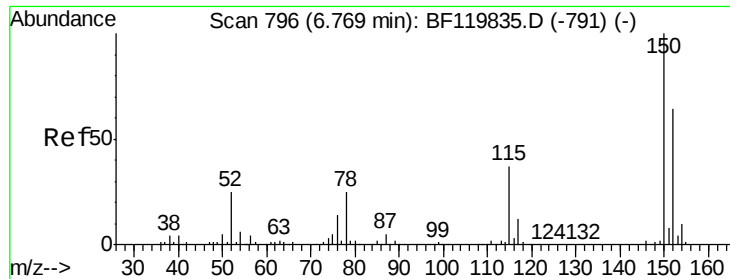
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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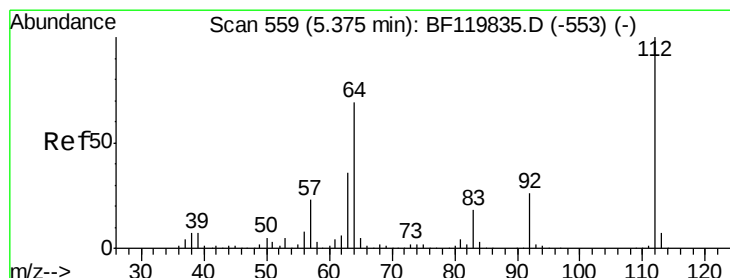
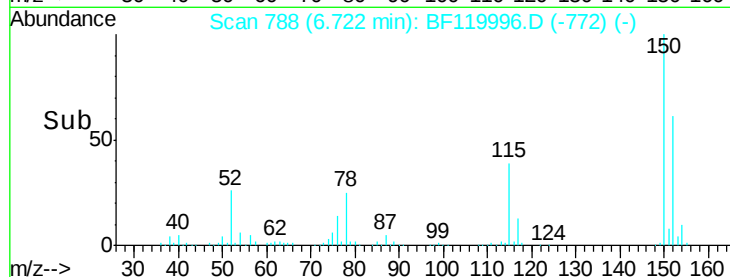
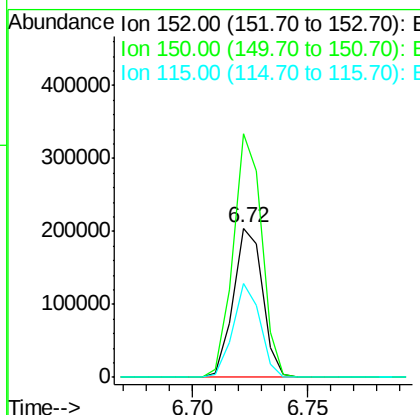
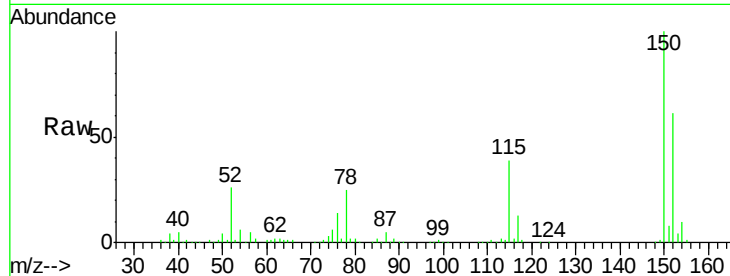


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119996.D
Acq: 15 Apr 2020 16:22

Instrument :
BNA_F
ClientSampleId :
TP-21A

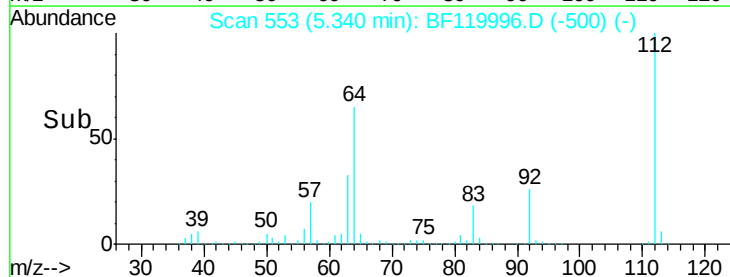
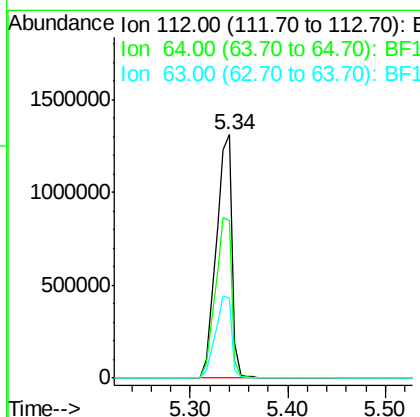
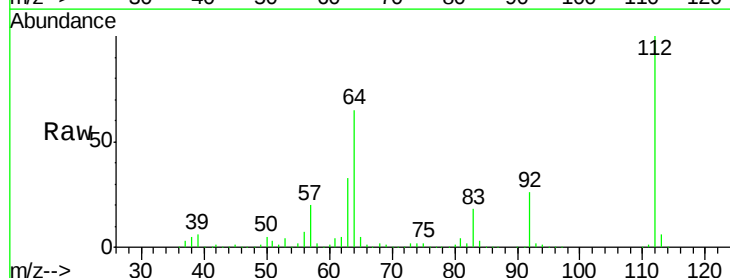
Tot Ion:152 Resp: 181980
Ion Ratio Lower Upper
152 100
150 163.0 124.8 187.2
115 63.1 46.5 69.7

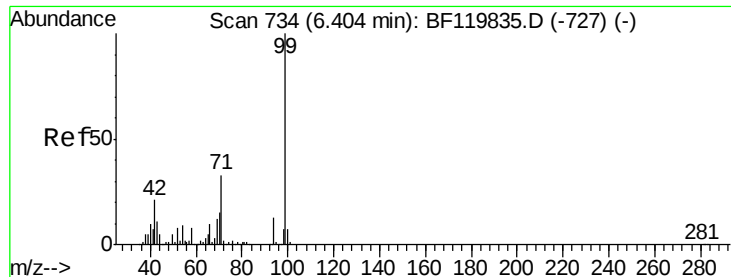


#5

2-Fluorophenol
Concen: 138.776 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF119996.D
Acq: 15 Apr 2020 16:22

Tgt Ion:112 Resp: 1461329
Ion Ratio Lower Upper
112 100
64 64.7 55.5 83.3
63 32.7 29.1 43.7





#7

Phenol-d6

Concen: 121.774 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF119996.D

Acq: 15 Apr 2020 16:22

Instrument :

BNA_F

ClientSampleId :

TP-21A

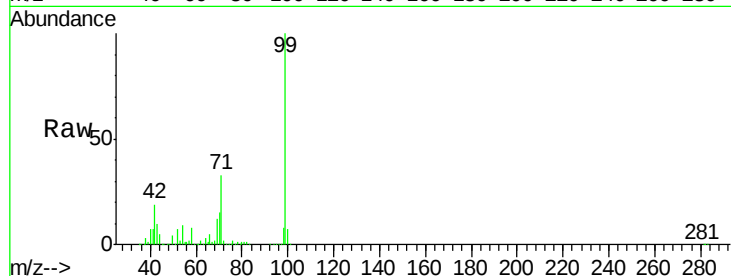
Tot Ion: 99 Resp: 1652308

Ion Ratio Lower Upper

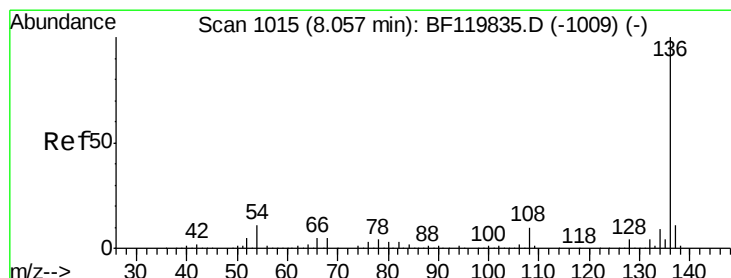
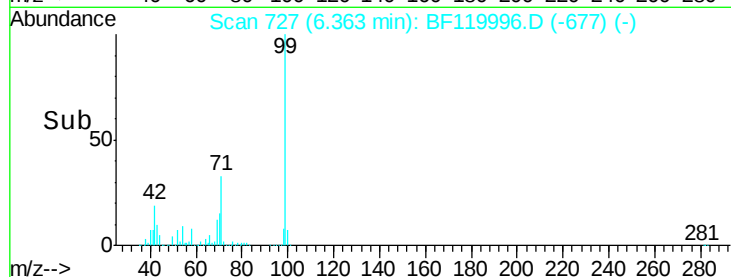
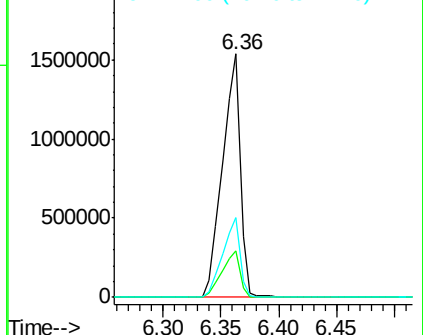
99 100

42 18.9 16.9 25.3

71 32.8 26.3 39.5



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: BF119996.D

Acq: 15 Apr 2020 16:22

Tgt Ion: 136 Resp: 696797

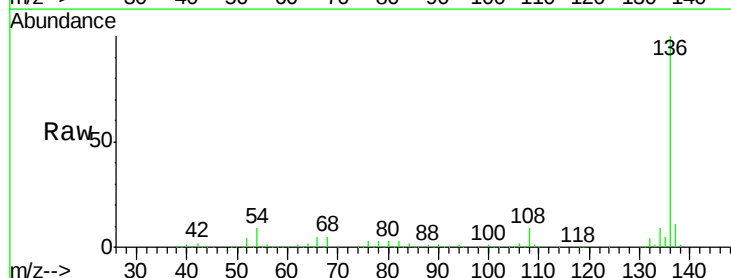
Ion Ratio Lower Upper

136 100

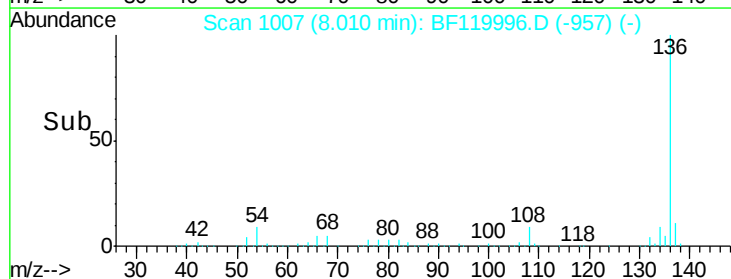
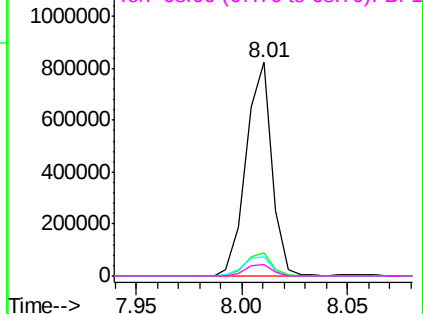
137 10.6 8.7 13.1

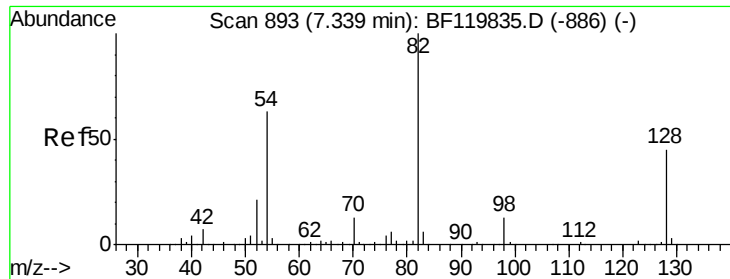
54 9.2 8.5 12.7

68 5.2 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

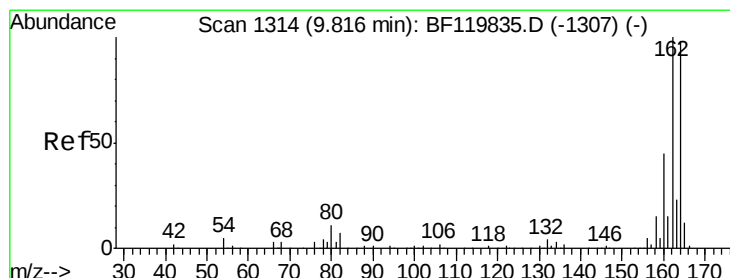
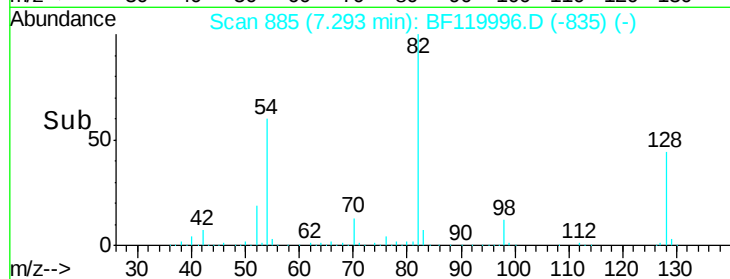
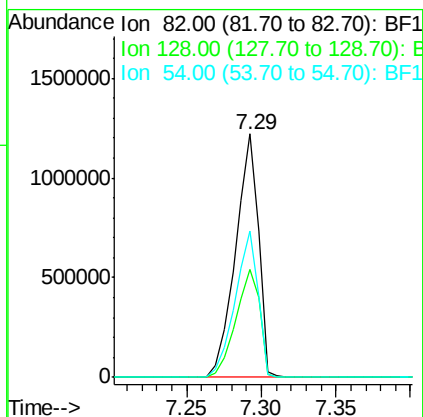
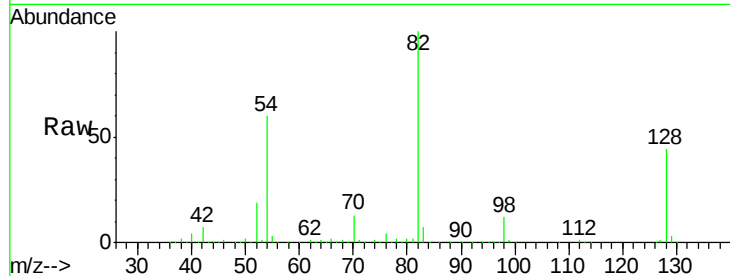




#23
 Nitrobenzene-d5
 Concen: 97.563 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF119996.D
 Acq: 15 Apr 2020 16:22

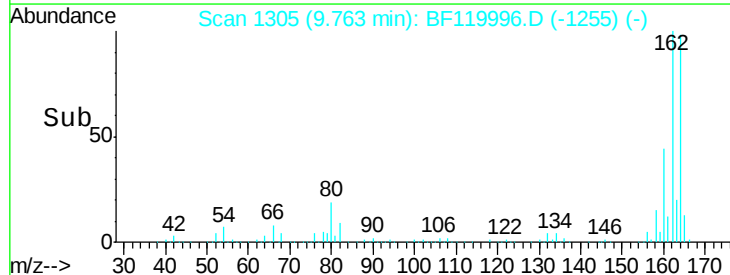
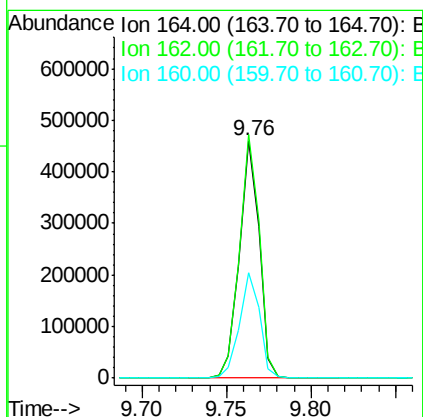
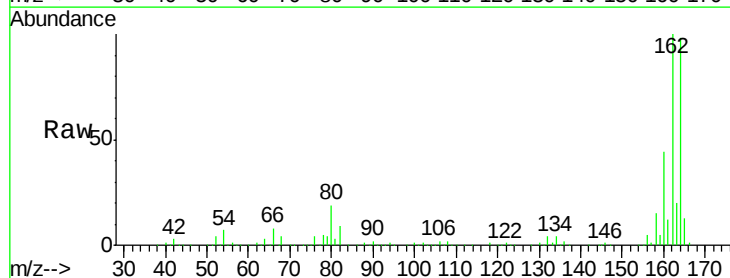
Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

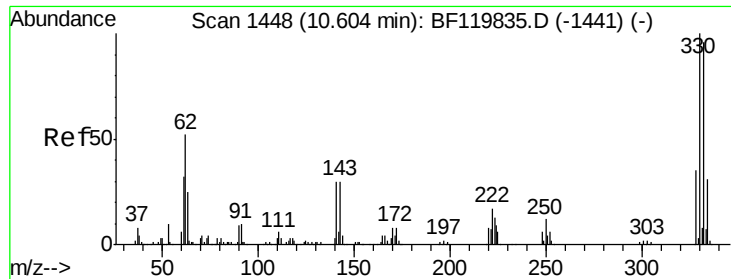
Tot Ion: 82 Resp: 1314069
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.2 54.4
 54 60.0 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF119996.D
 Acq: 15 Apr 2020 16:22

Tgt Ion:164 Resp: 374971
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.9 122.9
 160 44.6 36.6 54.8

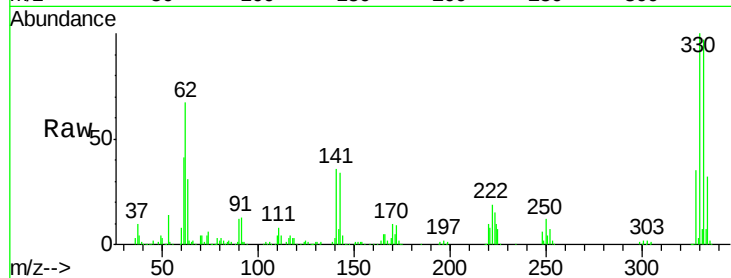




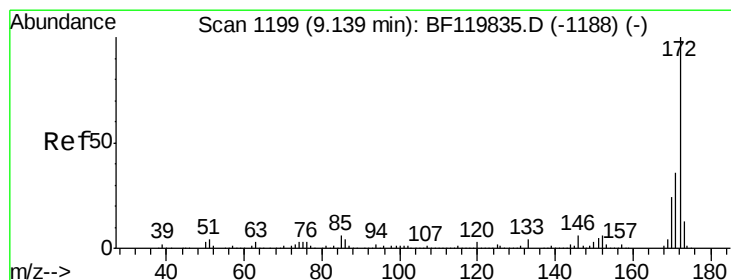
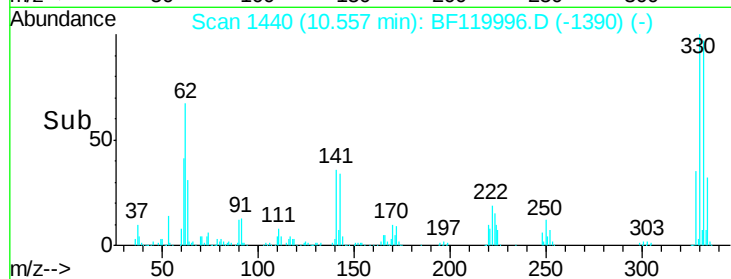
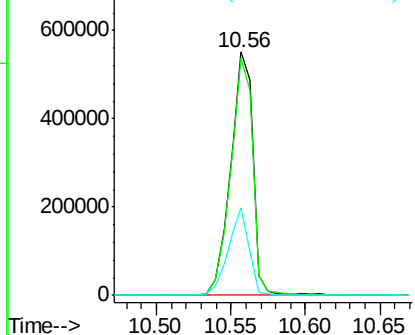
#42
 2,4,6-Tribromophenol
 Concen: 126.917 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119996.D
 Acq: 15 Apr 2020 16:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Tot Ion:330 Resp: 582666
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 33.7 25.1 37.7

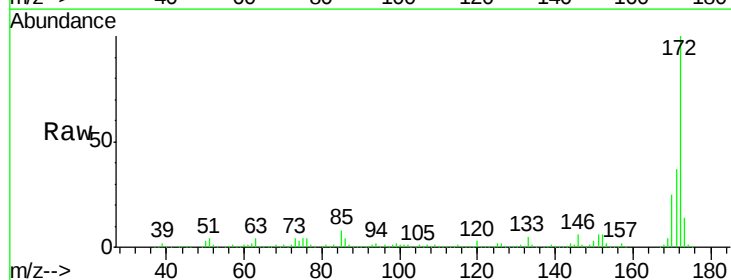


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

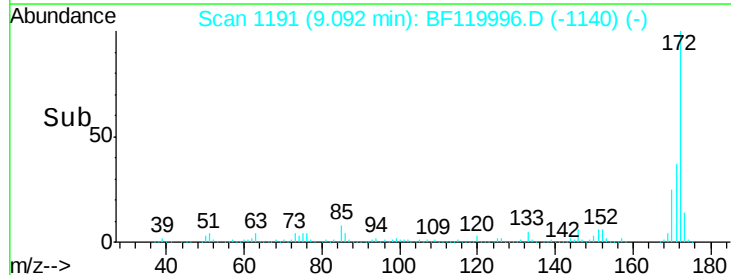
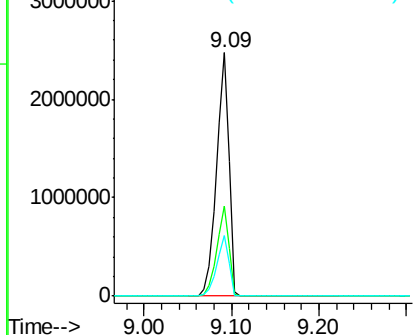


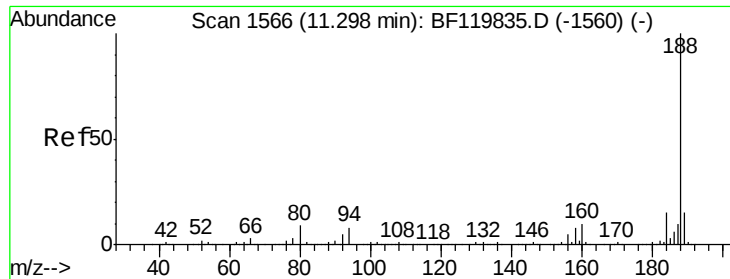
#45
 2-Fluorobiphenyl
 Concen: 92.438 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF119996.D
 Acq: 15 Apr 2020 16:22

Tgt Ion:172 Resp: 2441325
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 24.7 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

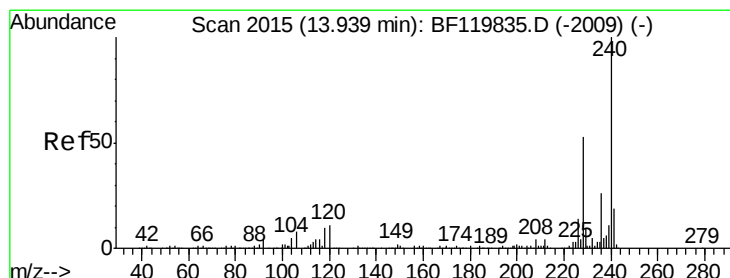
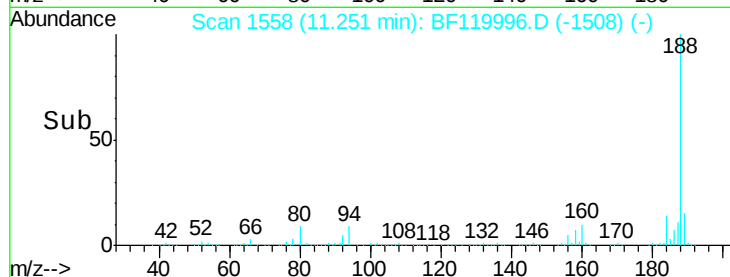
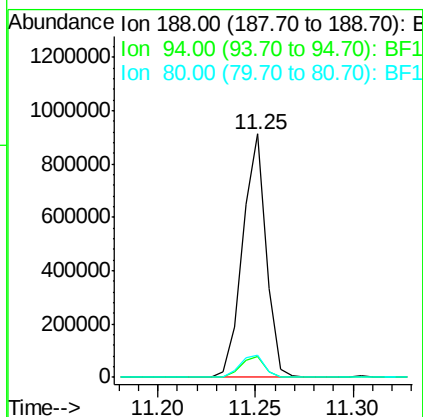
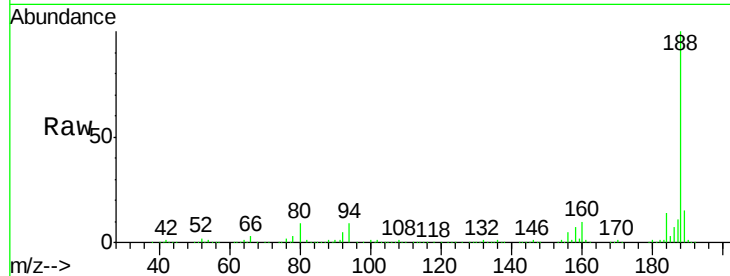




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119996.D
Acq: 15 Apr 2020 16:22

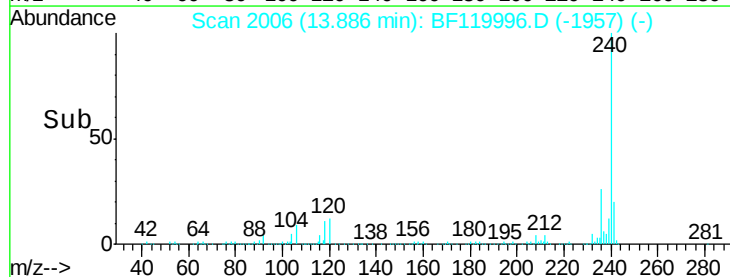
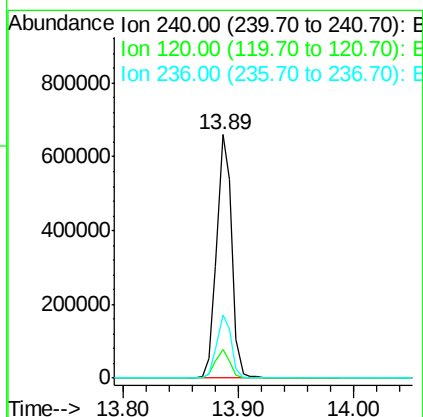
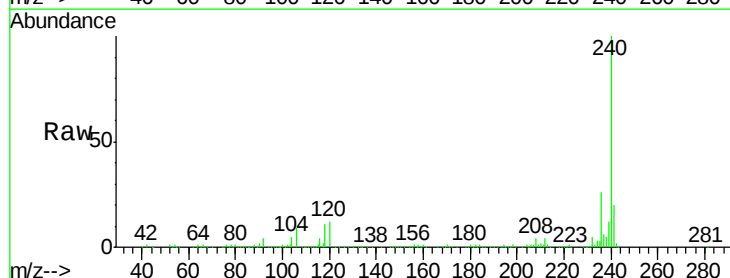
Instrument :
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TP-21A

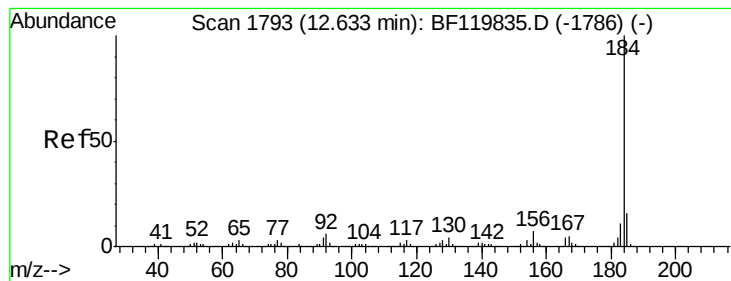
Tot Ion:188 Resp: 759436
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 8.9 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF119996.D
Acq: 15 Apr 2020 16:22

Tgt Ion:240 Resp: 596676
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 25.8 20.7 31.1





#77

Benzidine

Concen: 6.337 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF119996.D

Acq: 15 Apr 2020 16:22

Instrument :

BNA_F

ClientSampleId :

TP-21A

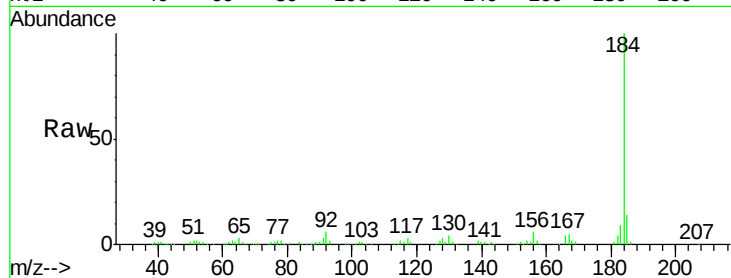
Tot Ion:184 Resp: 127821

Ion Ratio Lower Upper

184 100

185 13.8 13.2 19.8

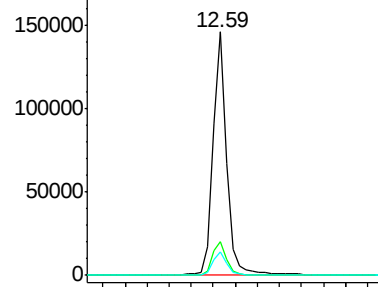
183 9.4 9.1 13.7



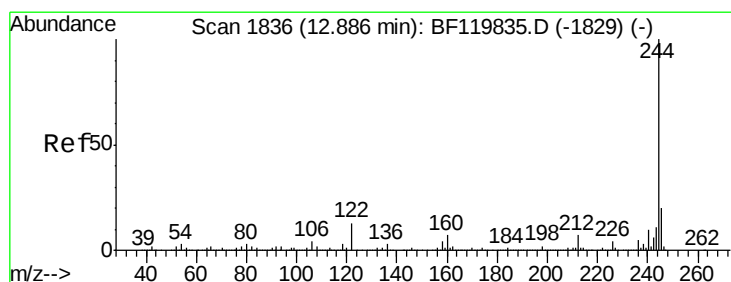
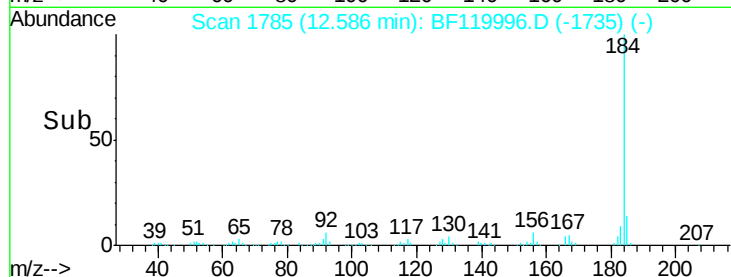
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#79

Terphenyl-d14

Concen: 81.815 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF119996.D

Acq: 15 Apr 2020 16:22

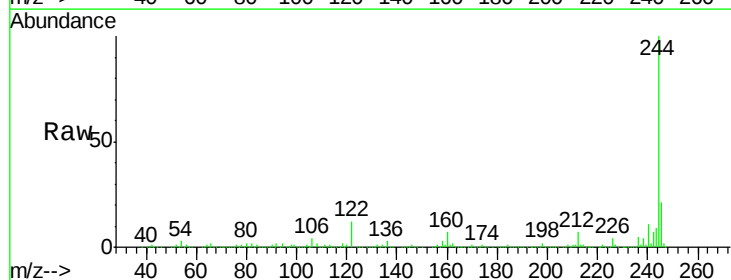
Tgt Ion:244 Resp: 2901208

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

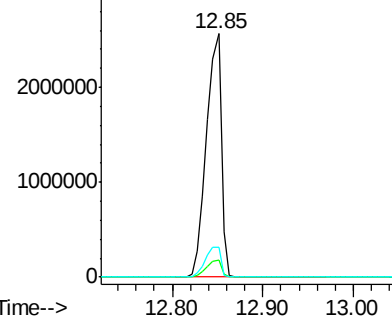
122 12.2 10.3 15.5



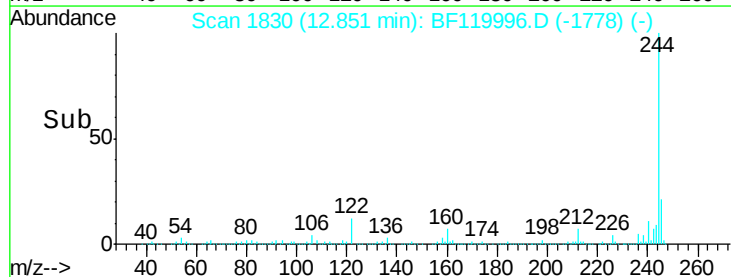
Abundance Ion 244.00 (243.70 to 244.70): E

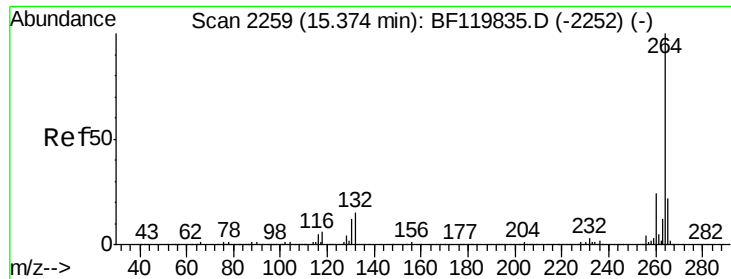
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119996.D
Acq: 15 Apr 2020 16:22

Instrument :
BNA_F
ClientSampleId :
TP-21A

Tot Ion:264 Resp: 488645
Ion Ratio Lower Upper
264 100
260 22.7 19.3 28.9
265 21.0 17.6 26.4

