

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119956.D
 Acq On : 14 Apr 2020 16:39
 Operator : MA/SJ
 Sample : L2230-24
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-B

Quant Time: Apr 14 17:43:52 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 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	182081	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	706910	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	368356	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	753242	20.00	ng	0.00
76) Chrysene-d12	13.90	240	573036	20.00	ng	-0.01
87) Perylene-d12	15.32	264	443389	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1352910	128.41	ng	0.02
7) Phenol-d6	6.37	99	1545602	113.85	ng	0.00
23) Nitrobenzene-d5	7.30	82	1172381	85.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	539714	119.67	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2209118	85.15	ng	0.00
79) Terphenyl-d14	12.86	244	2735978	80.34	ng	0.00

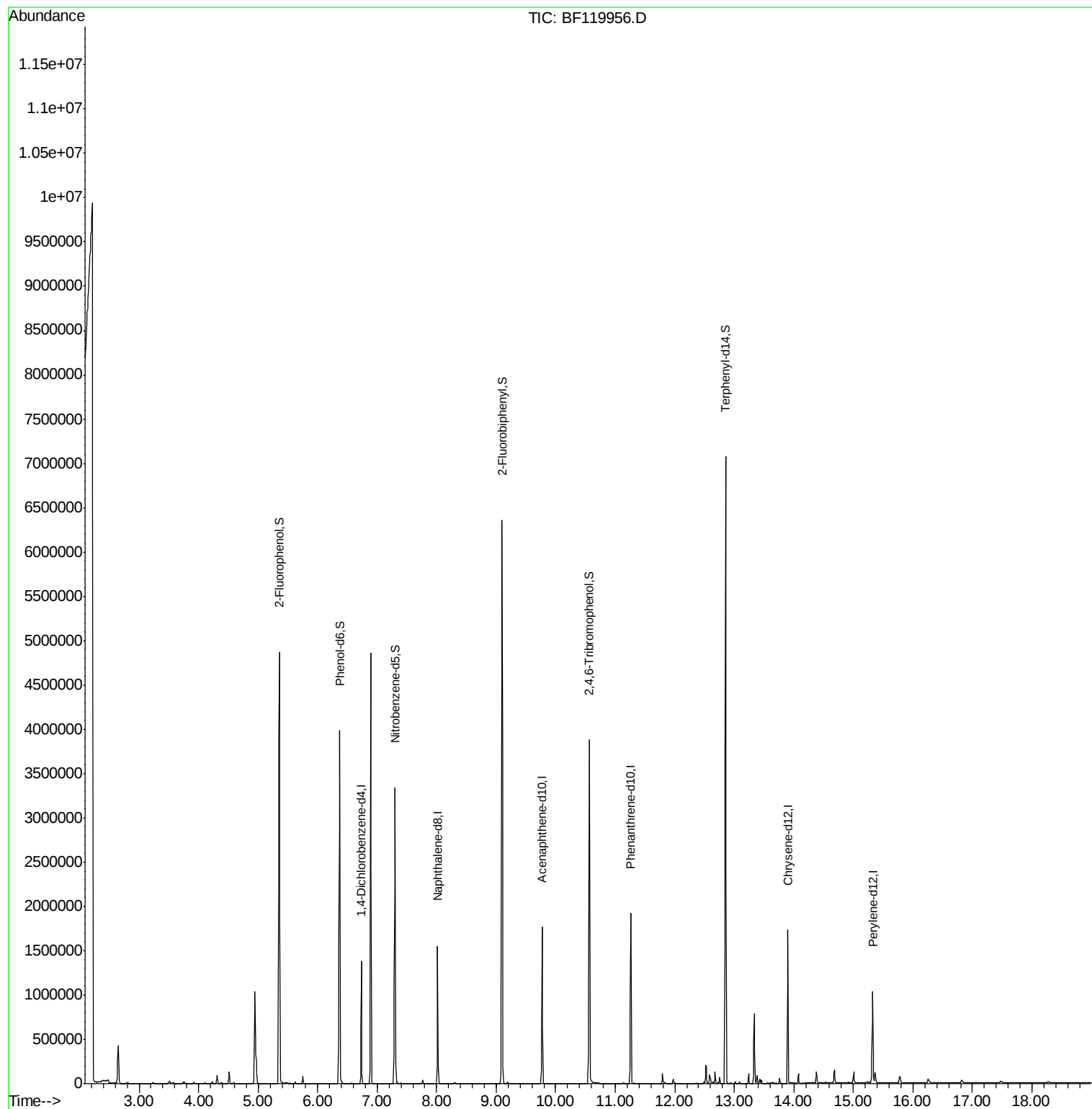
Target Compounds Qvalue

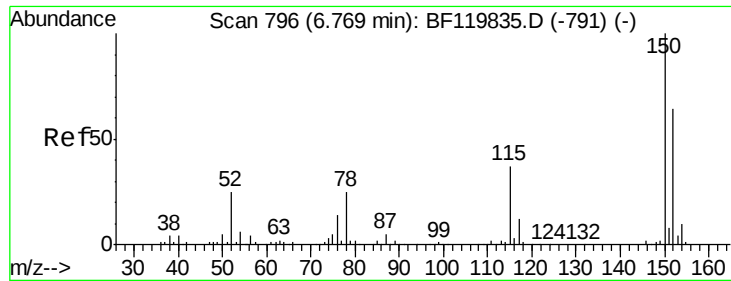
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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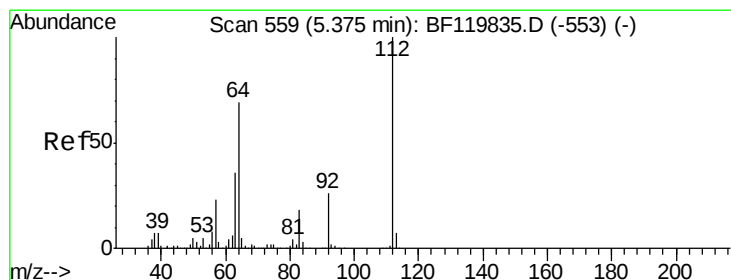
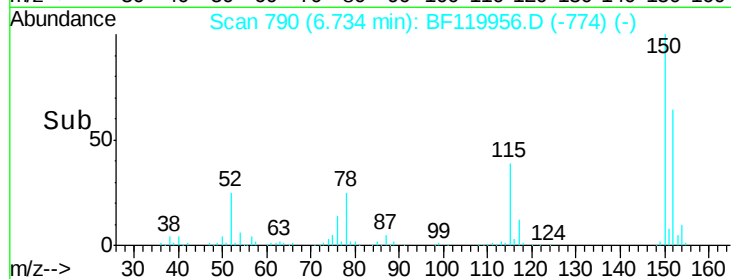
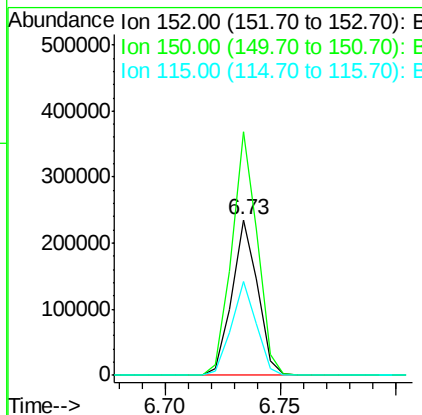
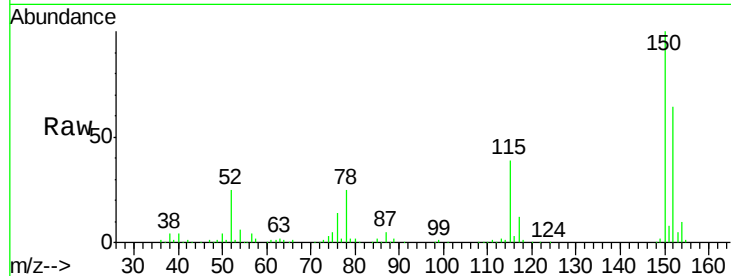


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119956.D
 Acq: 14 Apr 2020 16:39

Instrument :
 BNA_F
 ClientSampleID :
 TP-12-B

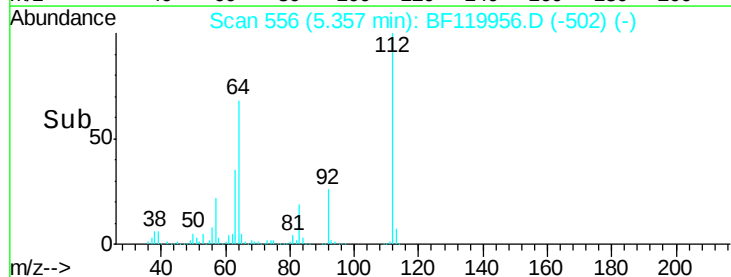
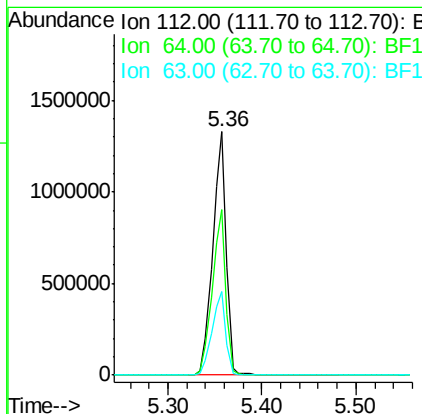
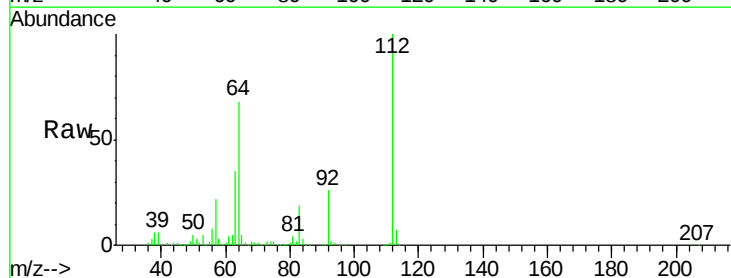
Tot Ion:152 Resp: 182081
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.8 187.2
 115 60.6 46.5 69.7

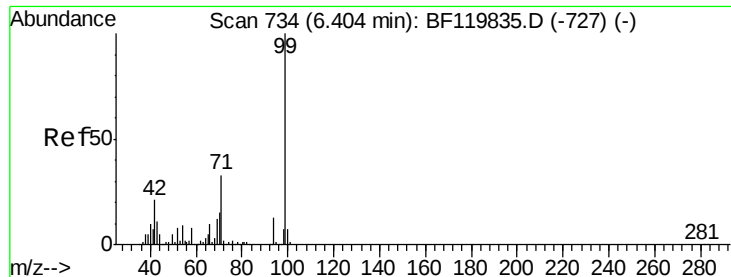


#5

2-Fluorophenol
 Concen: 128.409 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF119956.D
 Acq: 14 Apr 2020 16:39

Tgt Ion:112 Resp: 1352910
 Ion Ratio Lower Upper
 112 100
 64 67.7 55.5 83.3
 63 34.6 29.1 43.7





#7

Phenol-d6

Concen: 113.847 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119956.D

Acq: 14 Apr 2020 16:39

Instrument :

BNA_F

ClientSampleId :

TP-12-B

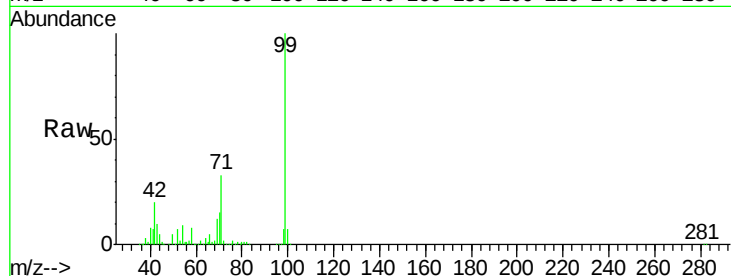
Tot Ion: 99 Resp: 1545602

Ion Ratio Lower Upper

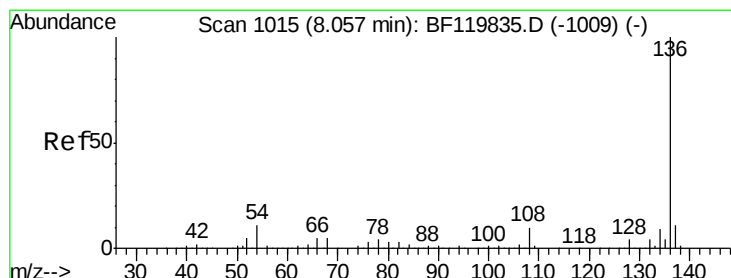
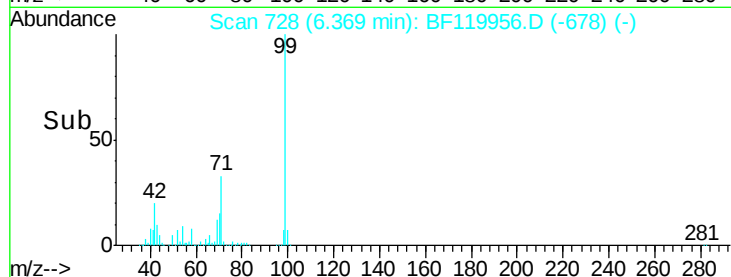
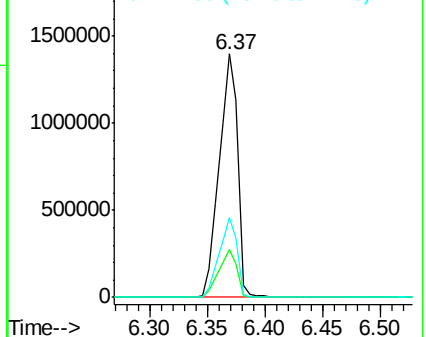
99 100

42 19.6 16.9 25.3

71 32.6 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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119956.D

Acq: 14 Apr 2020 16:39

Tgt Ion: 136 Resp: 706910

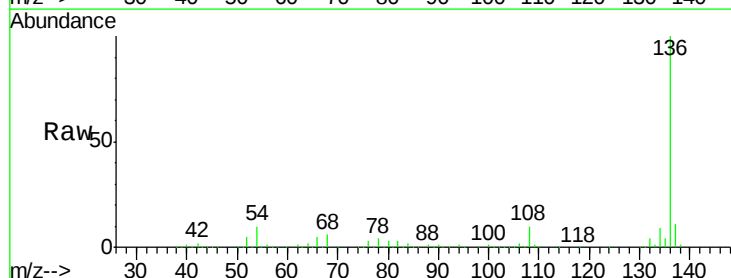
Ion Ratio Lower Upper

136 100

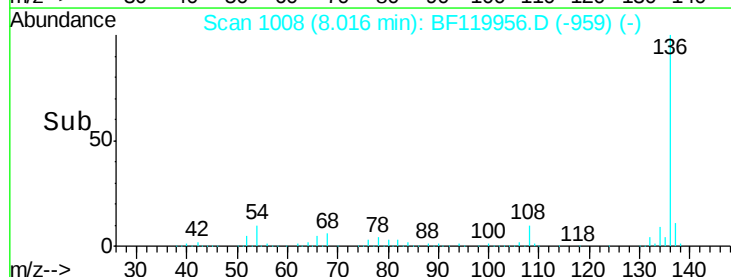
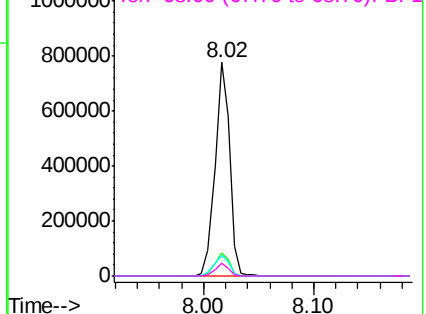
137 11.1 8.7 13.1

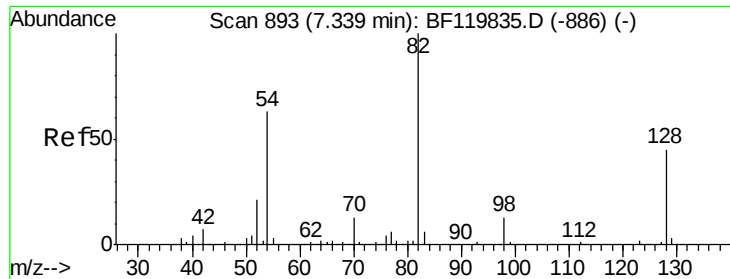
54 9.8 8.5 12.7

68 5.8 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

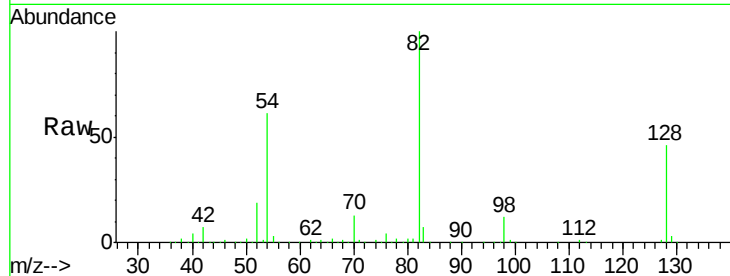




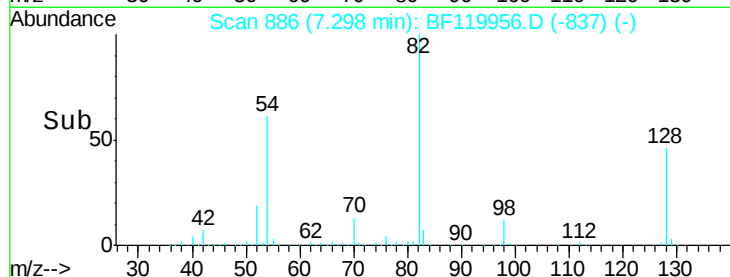
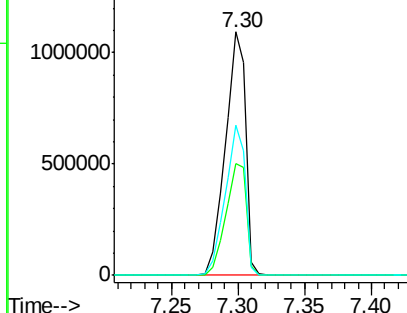
#23
Nitrobenzene-d5
Concen: 85.798 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119956.D
Acq: 14 Apr 2020 16:39

Instrument :
BNA_F
ClientSampleId :
TP-12-B

Tot Ion: 82 Resp: 1172381
Ion Ratio Lower Upper
82 100
128 45.7 36.2 54.4
54 61.4 50.4 75.6

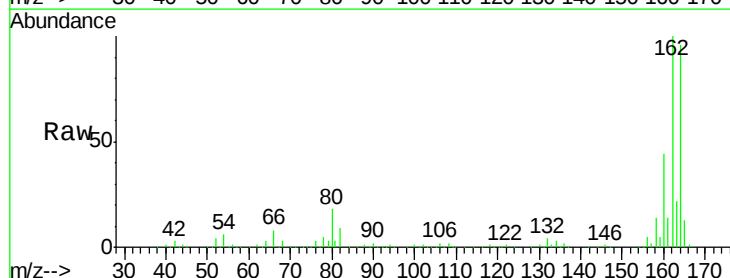


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

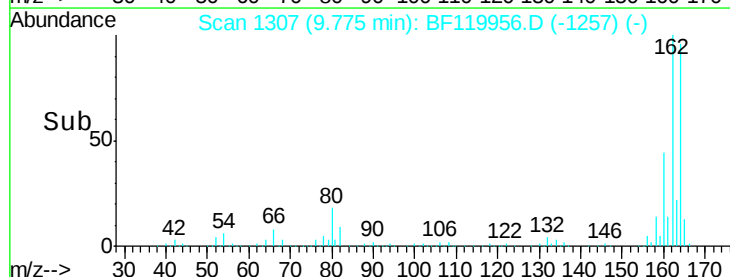
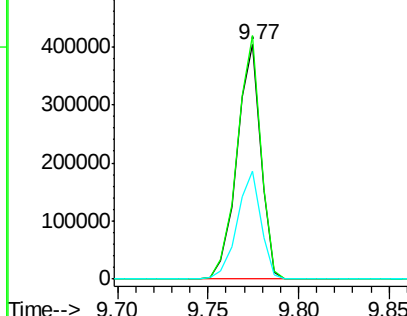


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119956.D
Acq: 14 Apr 2020 16:39

Tgt Ion:164 Resp: 368356
Ion Ratio Lower Upper
164 100
162 104.0 81.9 122.9
160 46.1 36.6 54.8



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

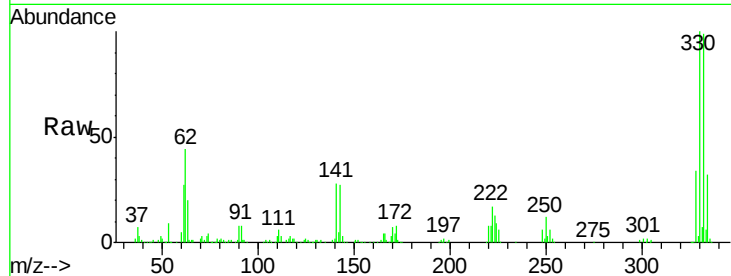




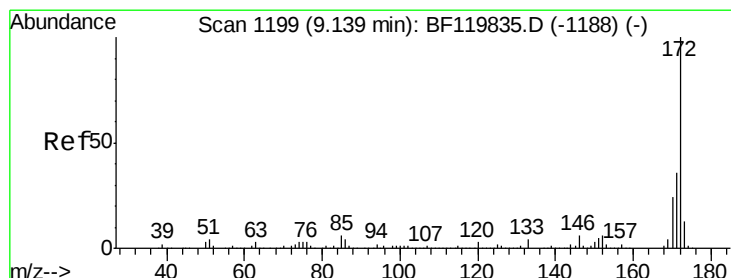
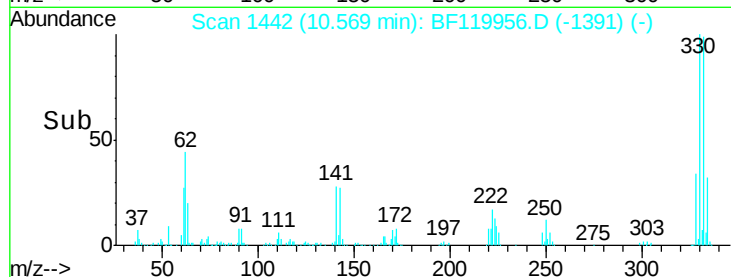
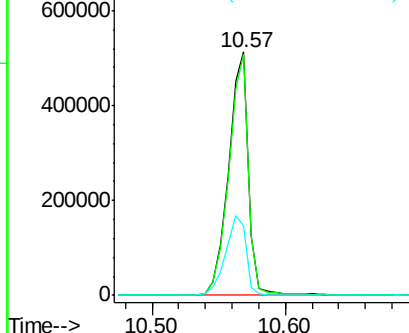
#42
 2,4,6-Tribromophenol
 Concen: 119.672 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119956.D
 Acq: 14 Apr 2020 16:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-B

Tot Ion:330 Resp: 539714
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.8 115.2
 141 34.4 25.1 37.7

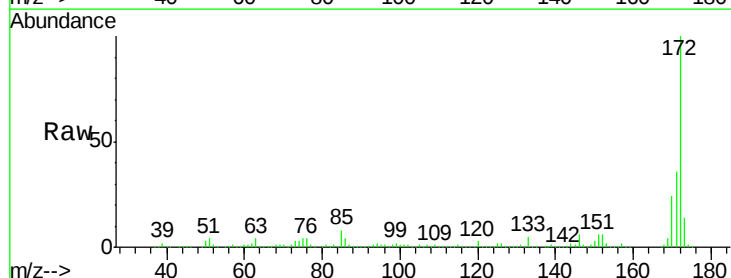


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

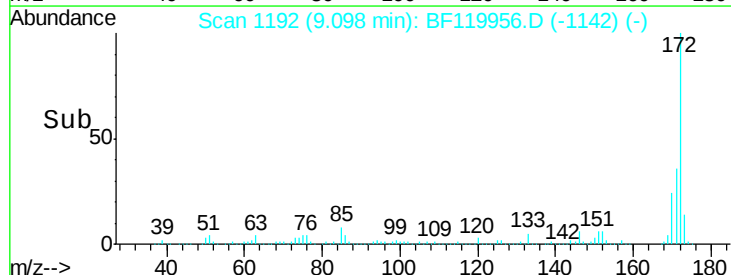
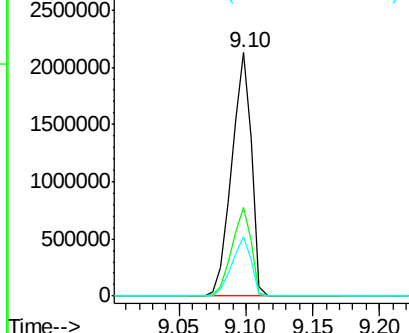


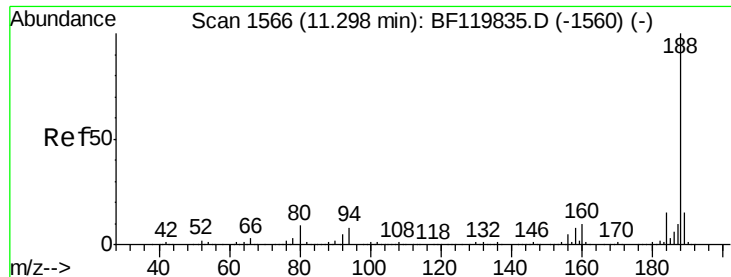
#45
 2-Fluorobiphenyl
 Concen: 85.148 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119956.D
 Acq: 14 Apr 2020 16:39

Tgt Ion:172 Resp: 2209118
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

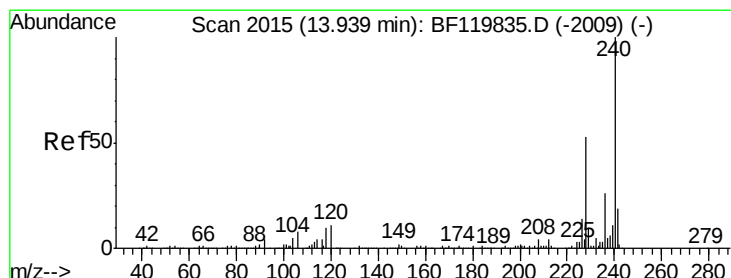
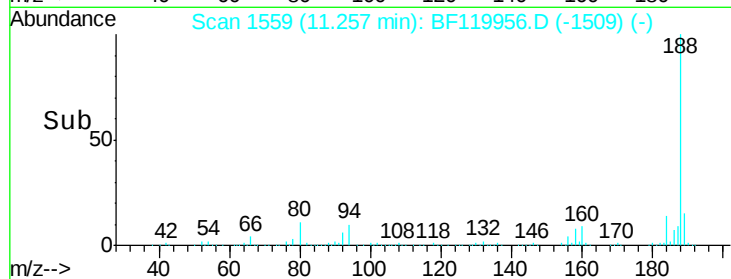
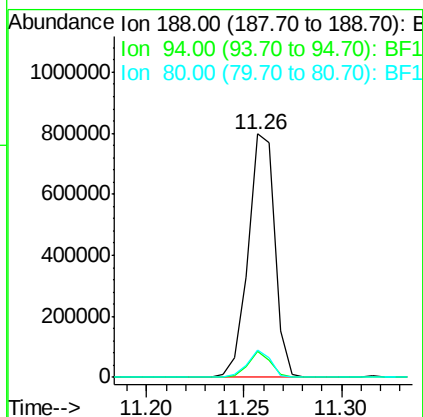
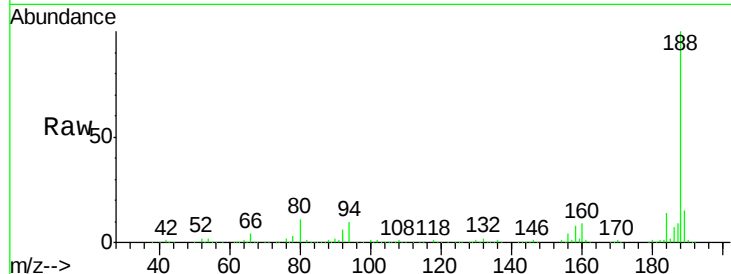




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119956.D
Acq: 14 Apr 2020 16:39

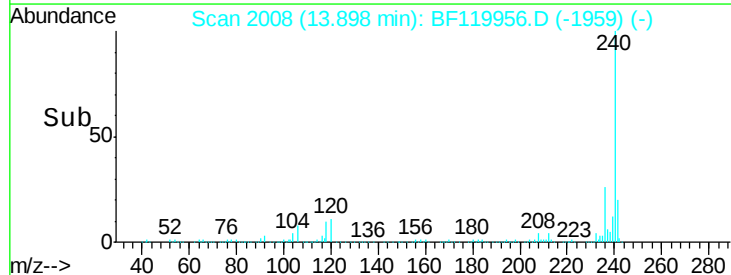
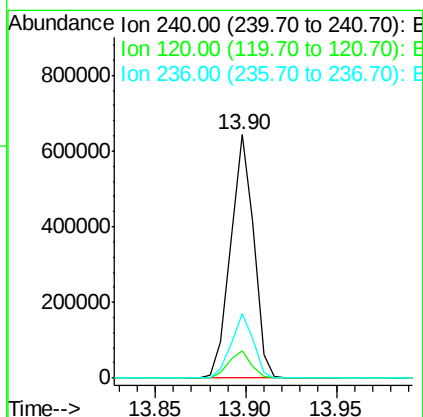
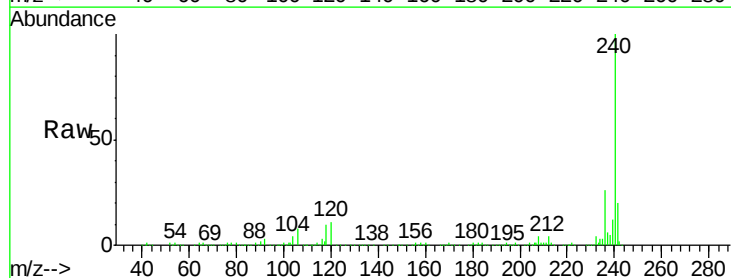
Instrument :
BNA_F
ClientSampled :
TP-12-B

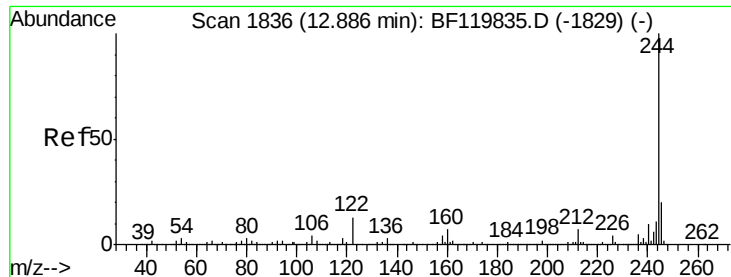
Tot Ion:188 Resp: 753242
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 11.0 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119956.D
Acq: 14 Apr 2020 16:39

Tgt Ion:240 Resp: 573036
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.6
236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 80.339 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119956.D

Acq: 14 Apr 2020 16:39

Instrument :

BNA_F

ClientSampleId :

TP-12-B

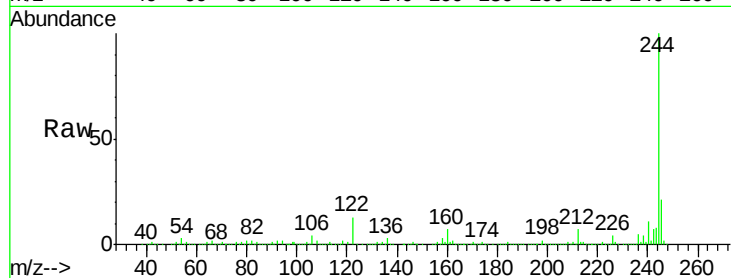
Tot Ion:244 Resp: 2735978

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

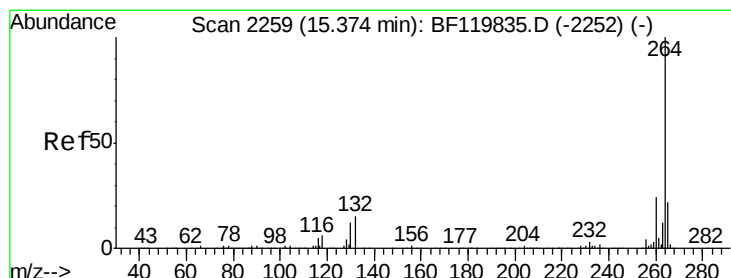
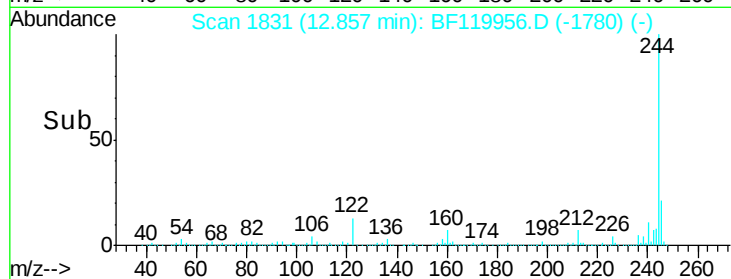
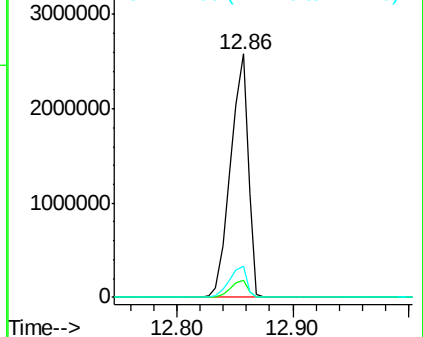
122 12.9 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BF119956.D

Acq: 14 Apr 2020 16:39

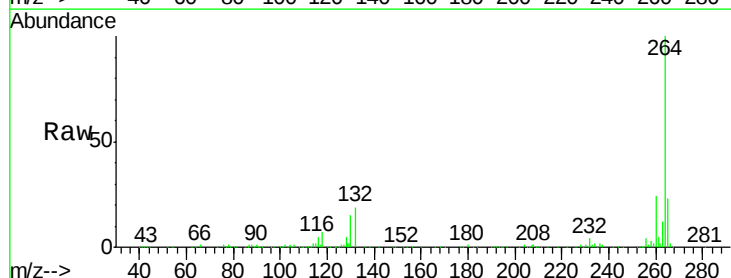
Tgt Ion:264 Resp: 443389

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 23.0 17.6 26.4



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

