

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119959.D
 Acq On : 14 Apr 2020 18:01
 Operator : MA/SJ
 Sample : L2230-54
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-9-17

Quant Time: Apr 14 19:13:31 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	187219	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	725629	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	379411	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	763768	20.00	ng	0.00
76) Chrysene-d12	13.90	240	564127	20.00	ng	-0.01
87) Perylene-d12	15.32	264	440527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1445373	133.42	ng	0.02
7) Phenol-d6	6.37	99	1686950	120.85	ng	0.00
23) Nitrobenzene-d5	7.30	82	1224884	87.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	567811	122.23	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2288853	85.65	ng	0.00
79) Terphenyl-d14	12.86	244	2790368	83.23	ng	0.00

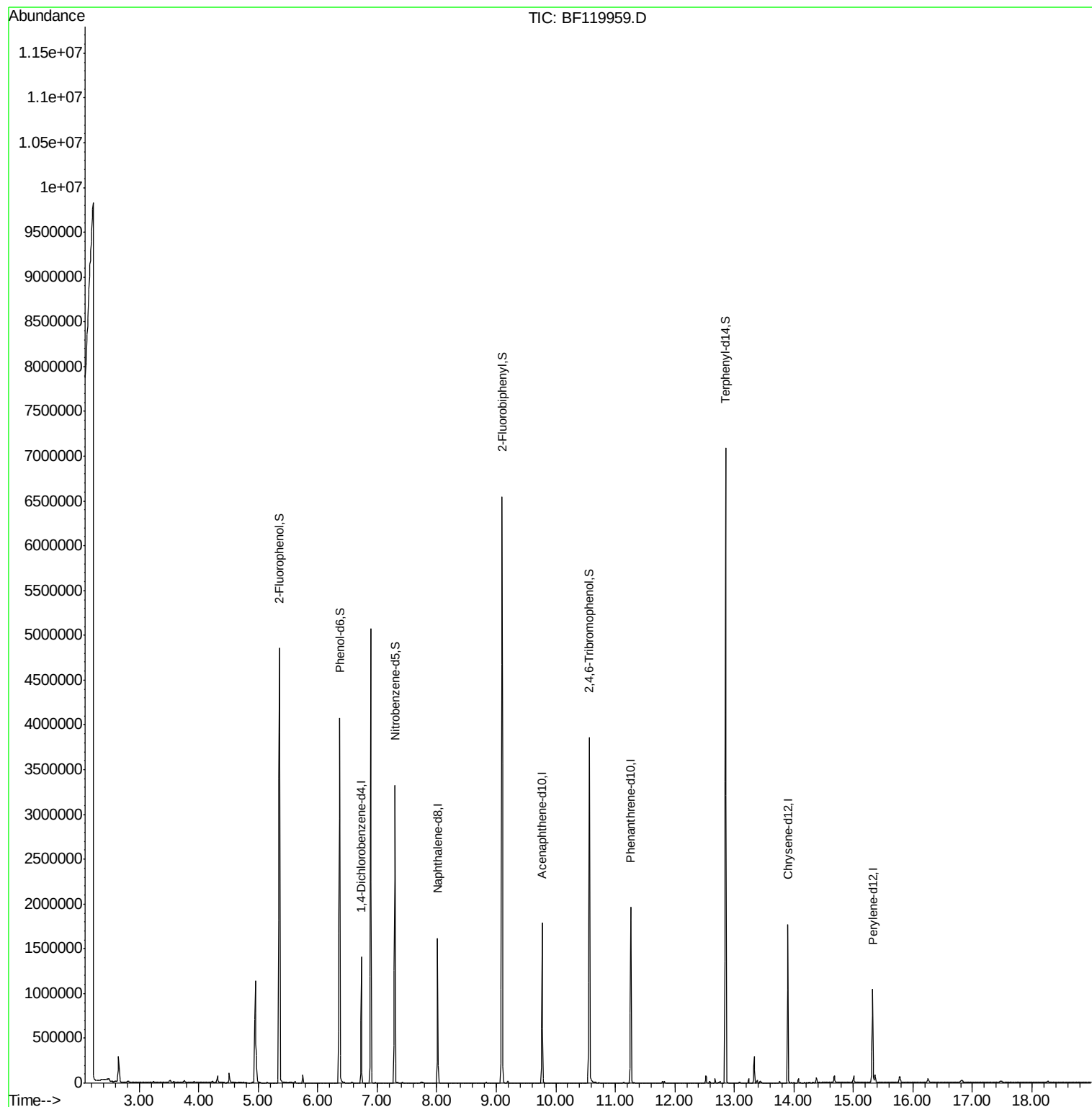
Target Compounds Qvalue

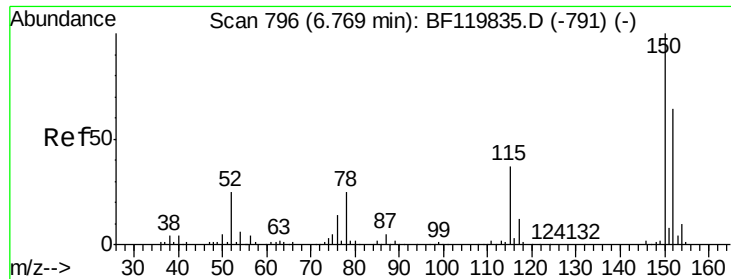
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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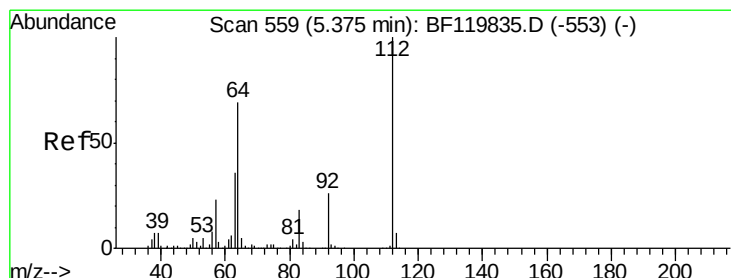
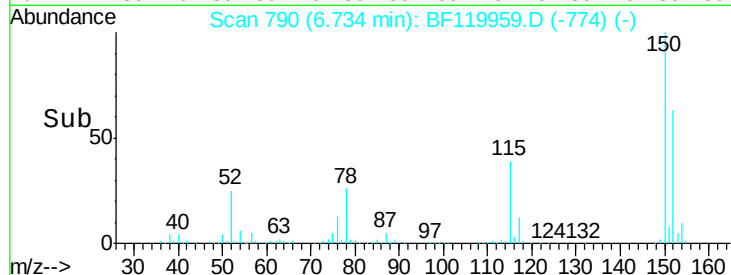
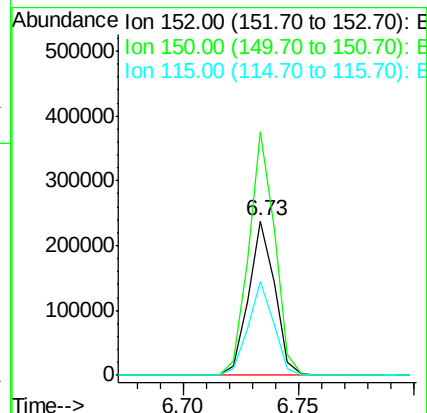
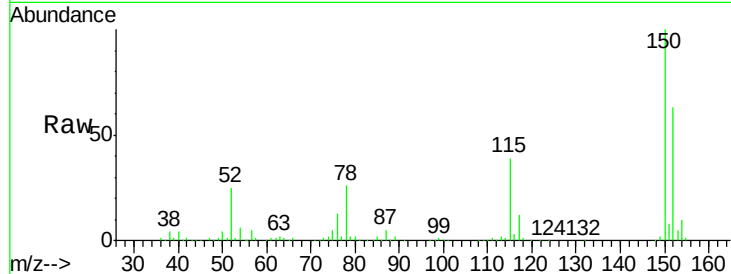


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119959.D
Acq: 14 Apr 2020 18:01

Instrument :
BNA_F
ClientSampleId :
TP-1-9-17

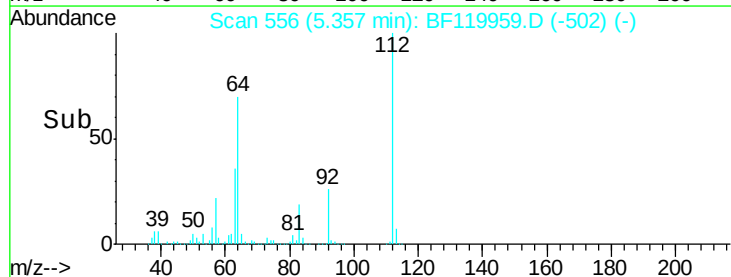
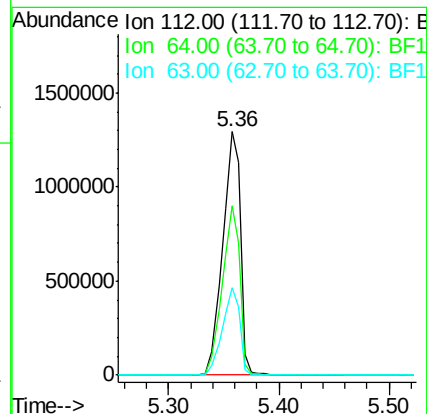
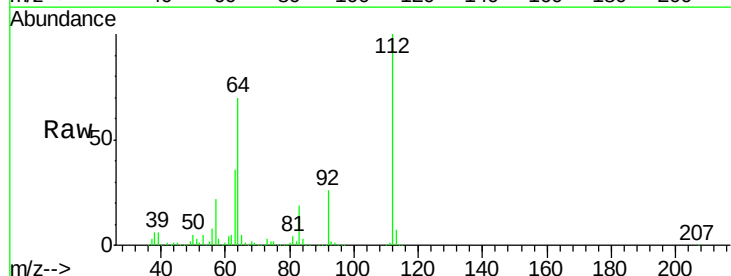
Tot Ion:152 Resp: 187219
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 61.1 46.5 69.7

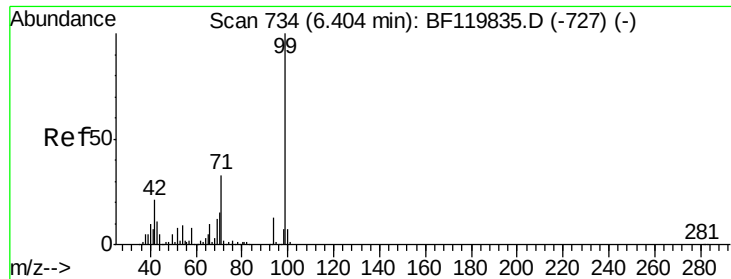


#5

2-Fluorophenol
Concen: 133.420 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF119959.D
Acq: 14 Apr 2020 18:01

Tgt Ion:112 Resp: 1445373
Ion Ratio Lower Upper
112 100
64 69.6 55.5 83.3
63 36.2 29.1 43.7





#7

Phenol-d6

Concen: 120.849 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119959.D

Acq: 14 Apr 2020 18:01

Instrument :

BNA_F

ClientSampleId :

TP-1-9-17

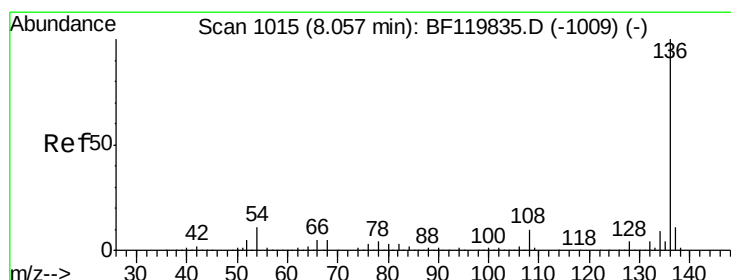
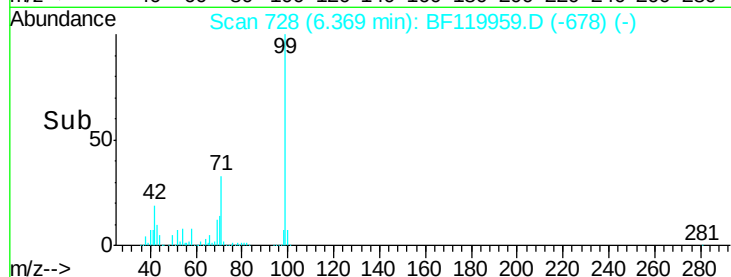
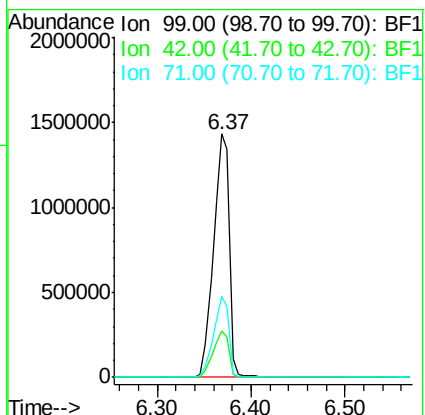
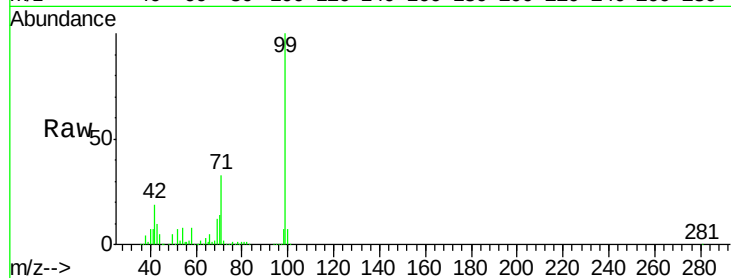
Tot Ion: 99 Resp: 1686950

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 33.2 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119959.D

Acq: 14 Apr 2020 18:01

Tgt Ion: 136 Resp: 725629

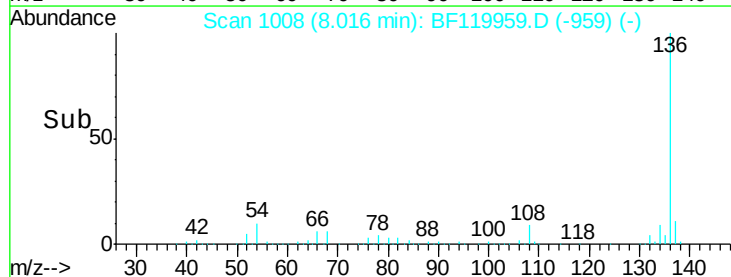
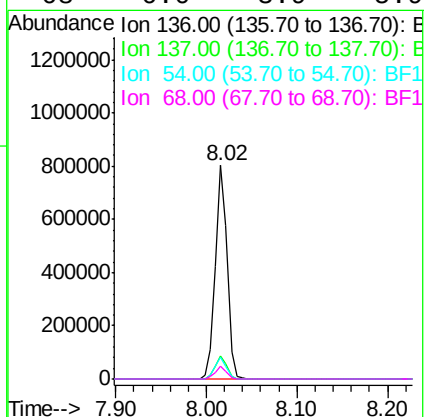
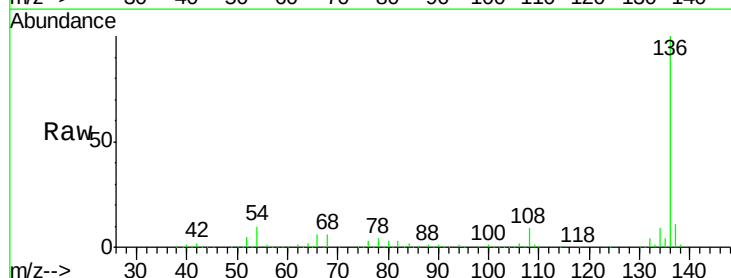
Ion Ratio Lower Upper

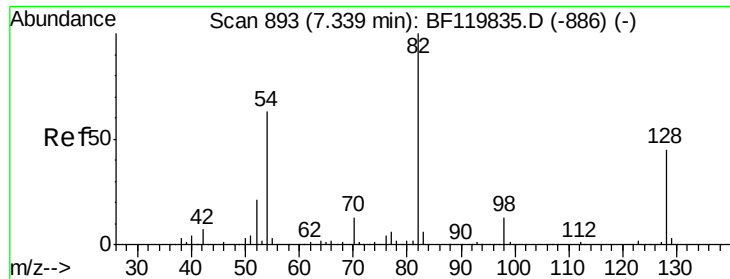
136 100

137 10.8 8.7 13.1

54 10.0 8.5 12.7

68 6.0 3.9 5.9#

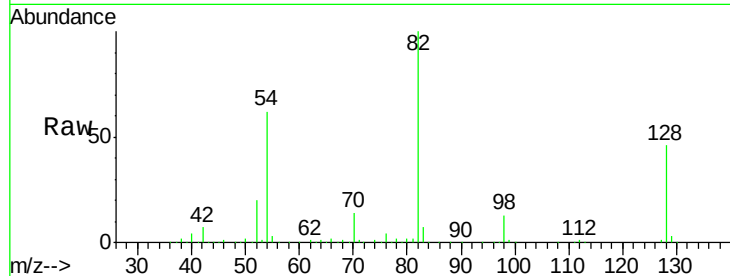




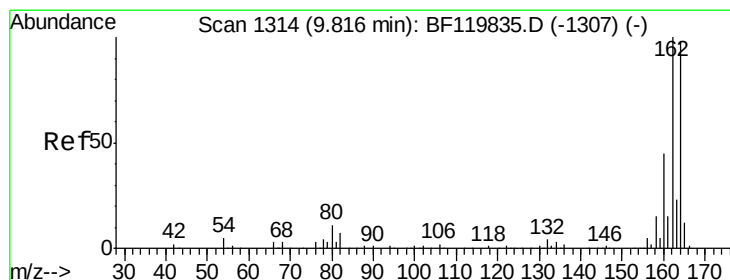
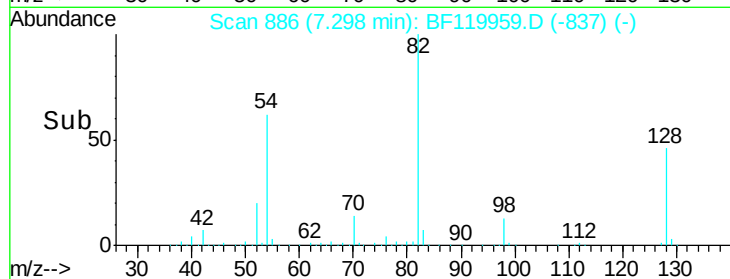
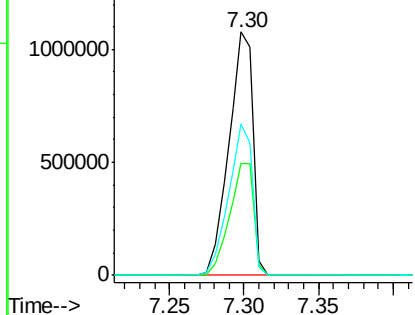
#23
 Nitrobenzene-d5
 Concen: 87.328 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF119959.D
 Acq: 14 Apr 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-9-17

Tot Ion: 82 Resp: 1224884
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.2 54.4
 54 62.0 50.4 75.6

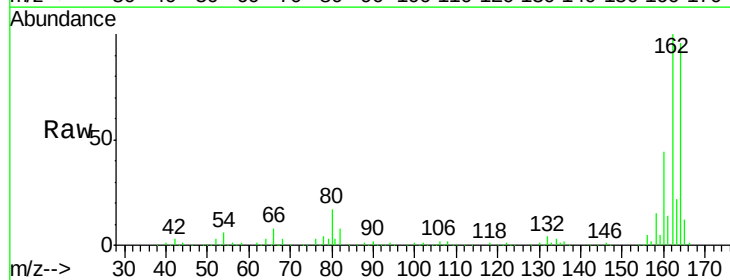


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

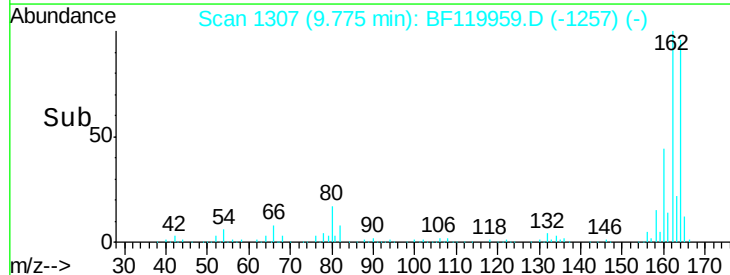
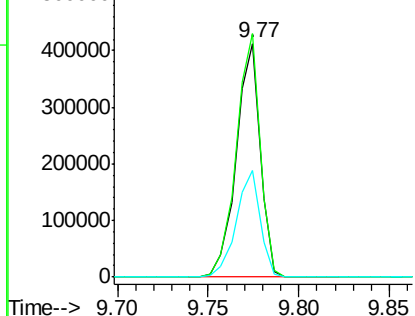


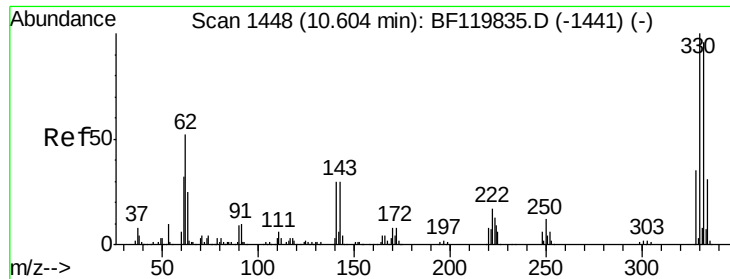
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119959.D
 Acq: 14 Apr 2020 18:01

Tgt Ion:164 Resp: 379411
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.9 122.9
 160 45.9 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

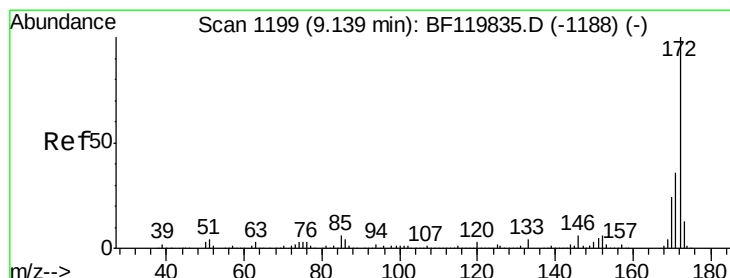
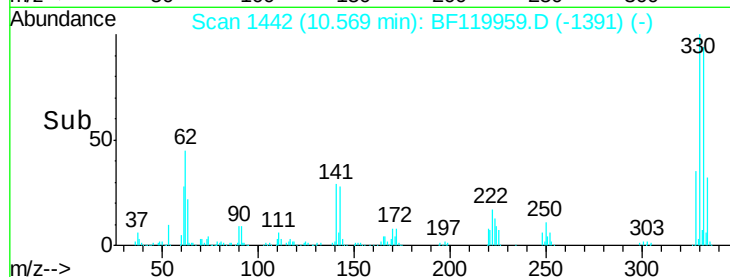
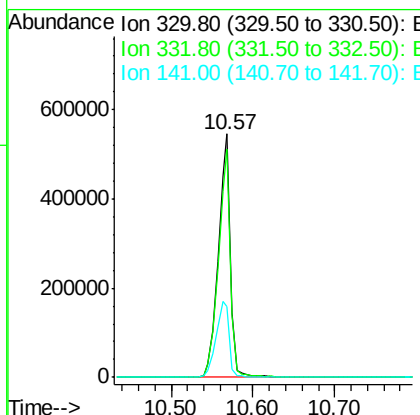
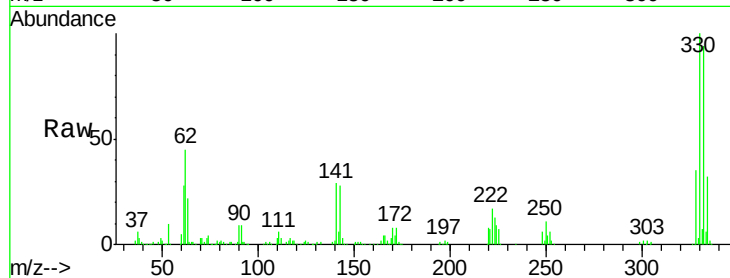




#42
 2,4,6-Tribromophenol
 Concen: 122.234 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119959.D
 Acq: 14 Apr 2020 18:01

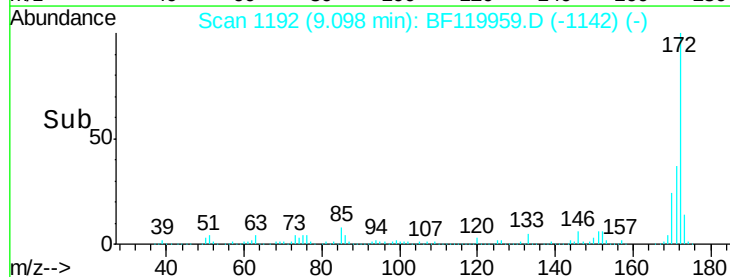
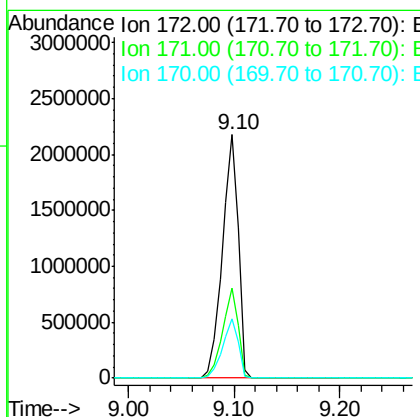
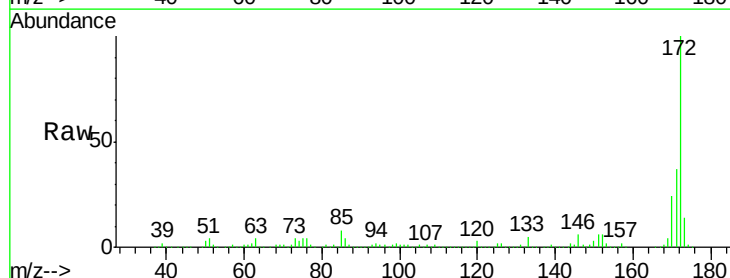
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-9-17

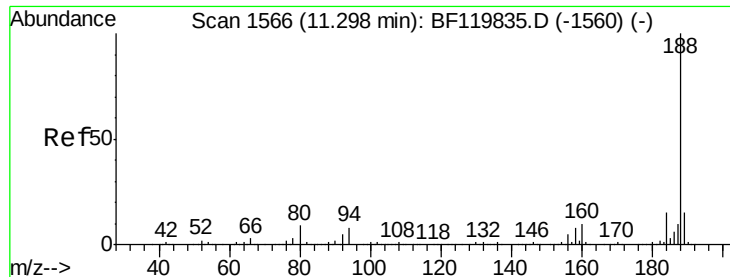
Tot Ion:330 Resp: 567811
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.8 115.2
 141 34.3 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 85.650 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119959.D
 Acq: 14 Apr 2020 18:01

Tgt Ion:172 Resp: 2288853
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 24.3 19.4 29.2

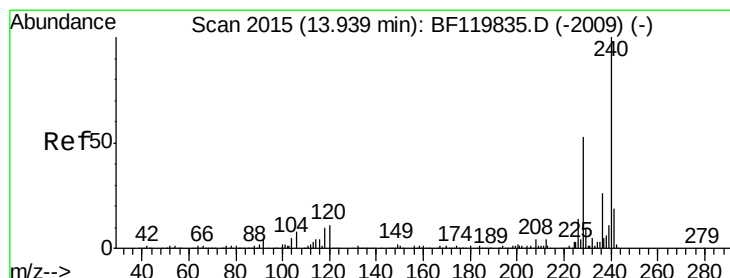
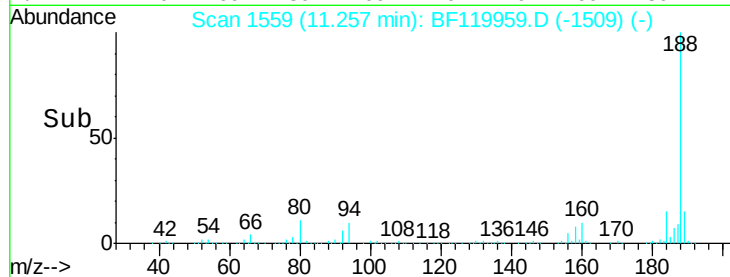
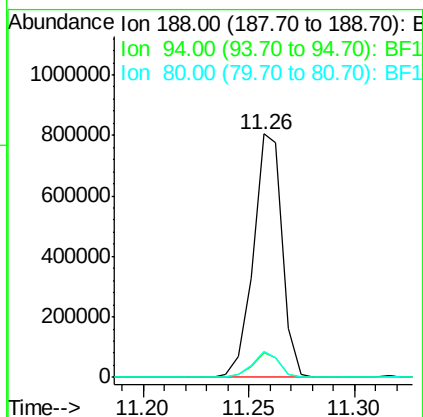
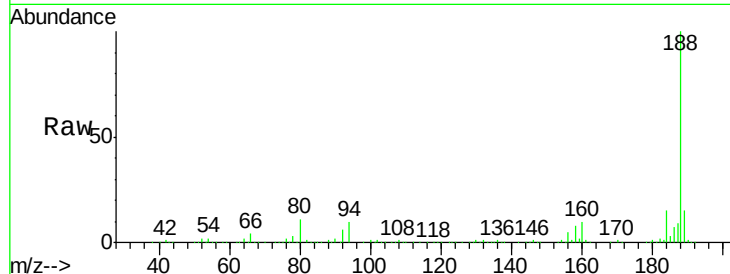




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119959.D
Acq: 14 Apr 2020 18:01

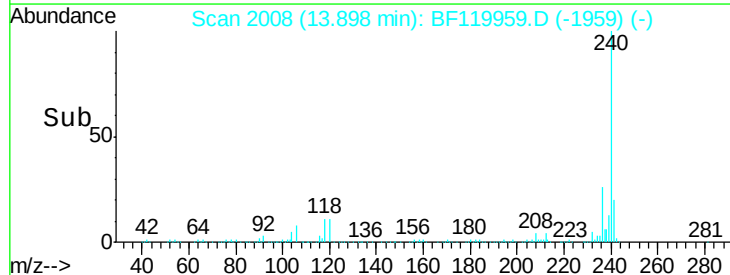
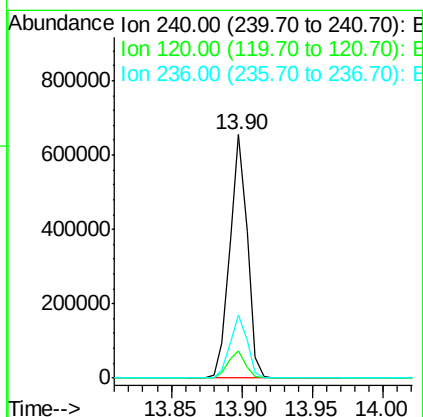
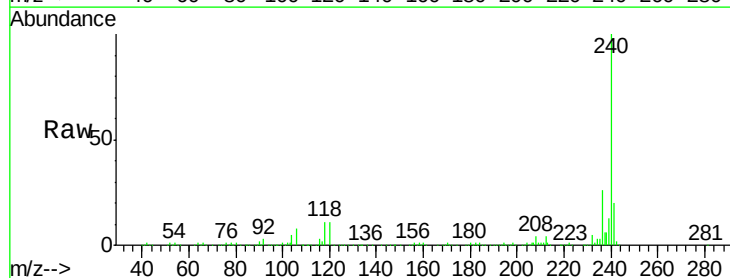
Instrument :
BNA_F
ClientSampled :
TP-1-9-17

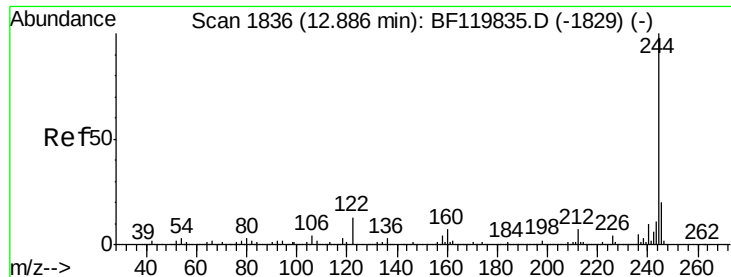
Tot Ion:188 Resp: 763768
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 10.8 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119959.D
Acq: 14 Apr 2020 18:01

Tgt Ion:240 Resp: 564127
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 83.230 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119959.D

Acq: 14 Apr 2020 18:01

Instrument :

BNA_F

ClientSampleId :

TP-1-9-17

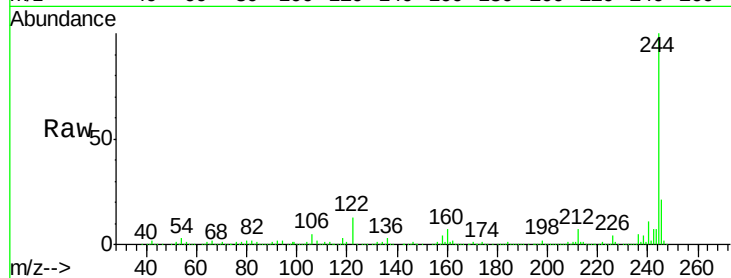
Tot Ion:244 Resp: 2790368

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

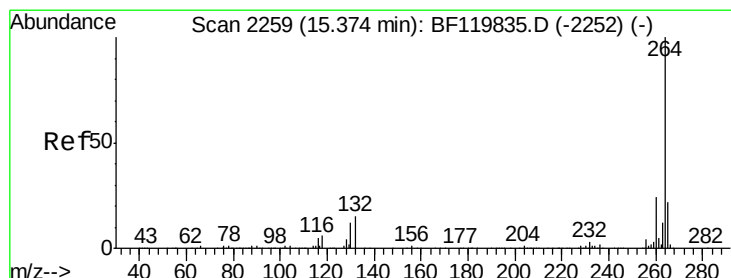
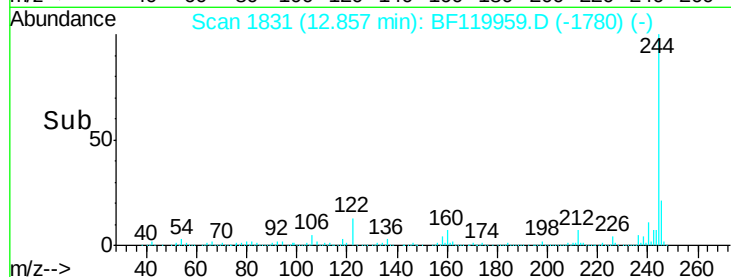
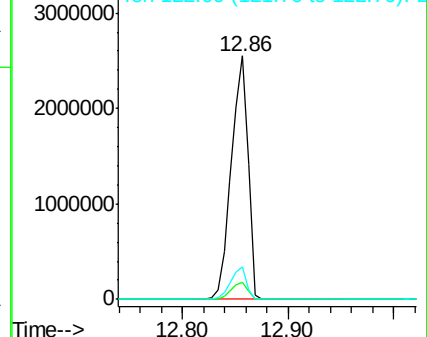
122 13.5 10.3 15.5



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: BF119959.D

Acq: 14 Apr 2020 18:01

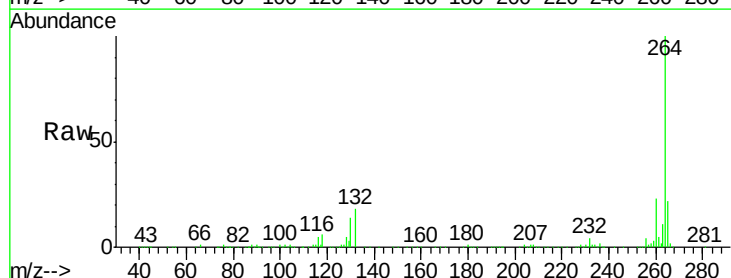
Tgt Ion:264 Resp: 440527

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 21.6 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

