

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119994.D
 Acq On : 15 Apr 2020 15:28
 Operator : MA/SJ
 Sample : L2245-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-23A

Quant Time: Apr 15 16:54:13 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	185203	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	722543	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	380116	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	749777	20.00	ng	0.00
76) Chrysene-d12	13.89	240	611273	20.00	ng	0.00
87) Perylene-d12	15.31	264	507732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1451251	135.42	ng	0.01
7) Phenol-d6	6.36	99	1632189	118.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	1314815	94.14	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	578218	124.24	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2424815	90.57	ng	0.00
79) Terphenyl-d14	12.85	244	2807564	77.28	ng	0.00

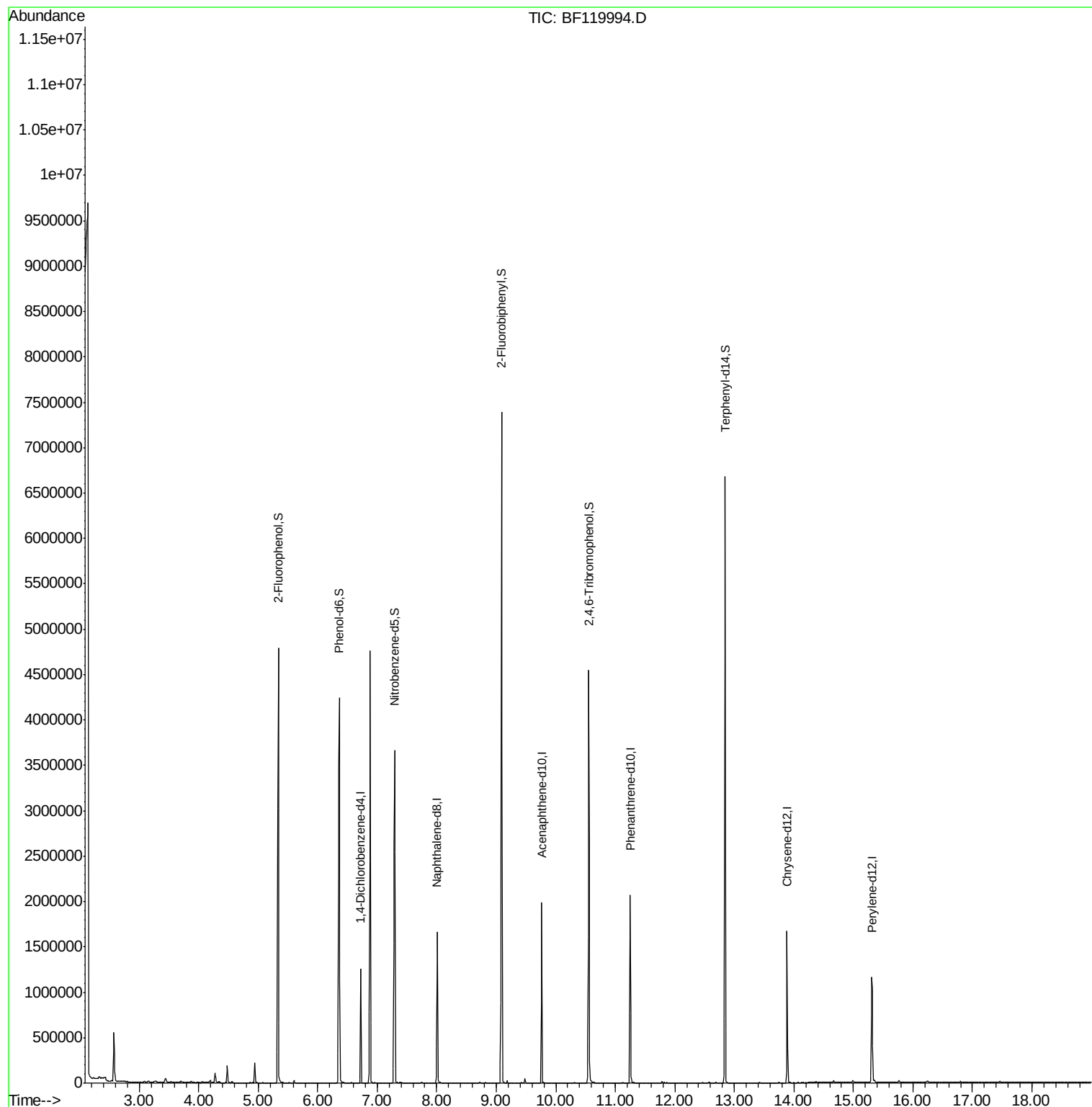
Target Compounds Qvalue

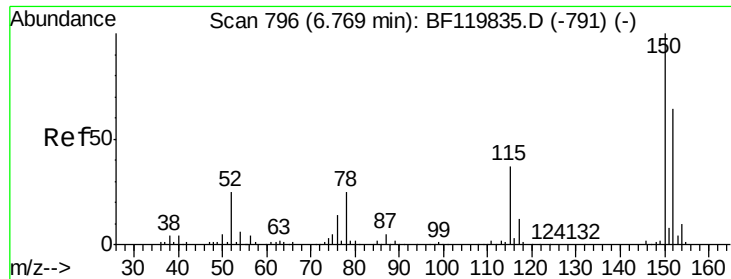
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119994.D
Acq On : 15 Apr 2020 15:28
Operator : MA/SJ
Sample : L2245-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-23A

Quant Time: Apr 15 16:54:13 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



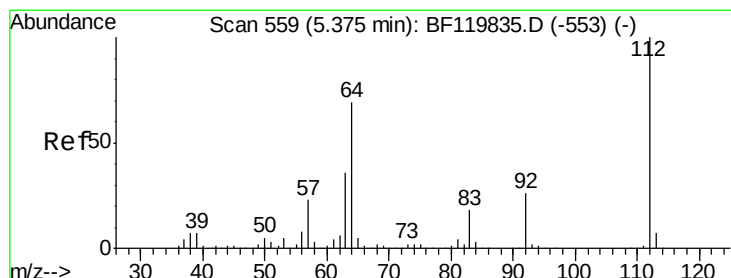
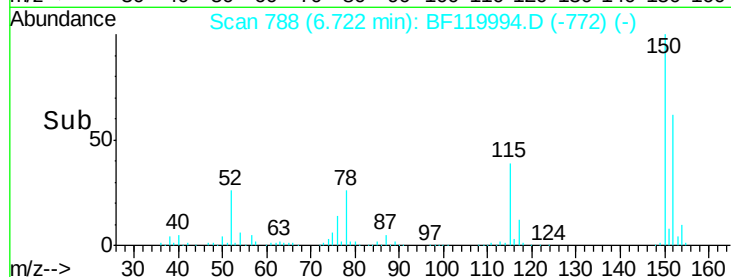
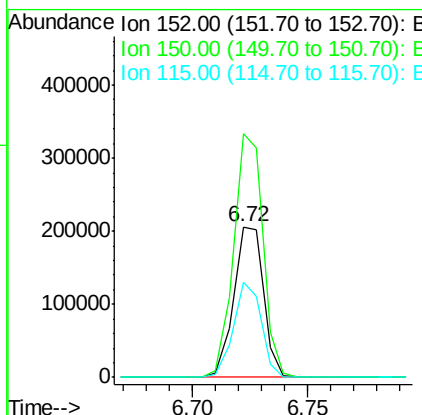
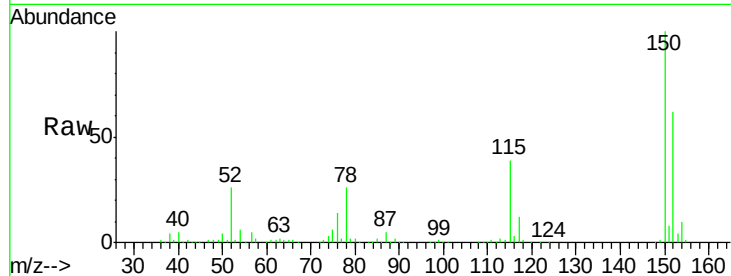


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119994.D
Acq: 15 Apr 2020 15:28

Instrument :
BNA_F
ClientSampleId :
TP-23A

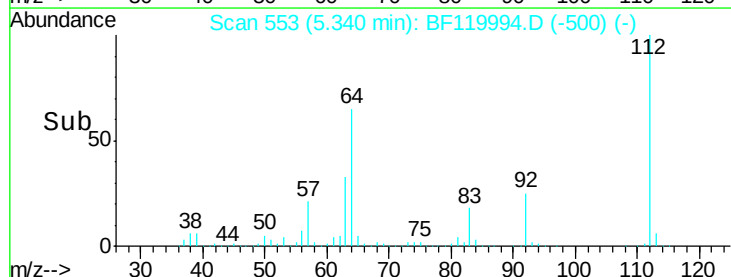
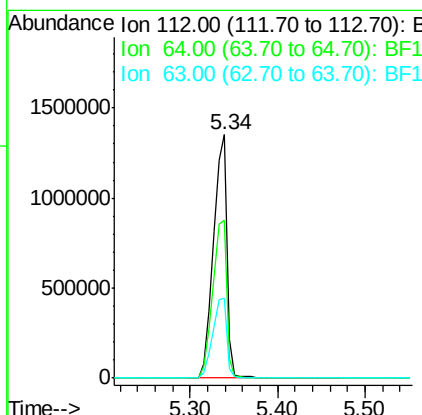
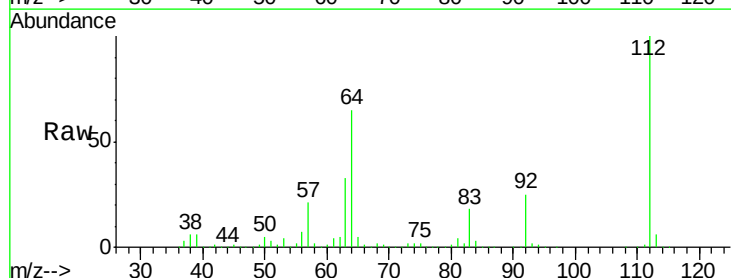
Tot Ion:152 Resp: 185203
Ion Ratio Lower Upper
152 100
150 161.6 124.8 187.2
115 63.5 46.5 69.7

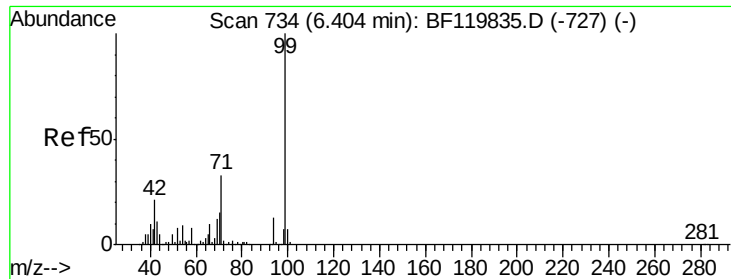


#5

2-Fluorophenol
Concen: 135.420 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF119994.D
Acq: 15 Apr 2020 15:28

Tgt Ion:112 Resp: 1451251
Ion Ratio Lower Upper
112 100
64 64.9 55.5 83.3
63 32.9 29.1 43.7





#7

Phenol-d6

Concen: 118.198 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF119994.D

Acq: 15 Apr 2020 15:28

Instrument :

BNA_F

ClientSampleId :

TP-23A

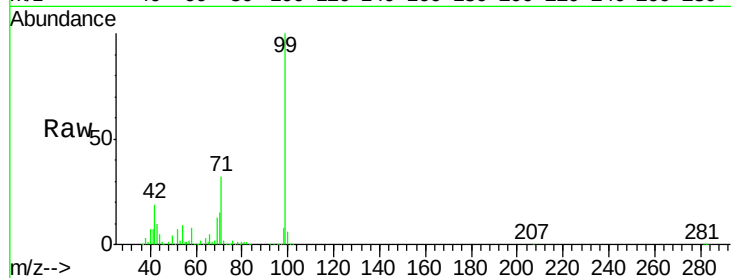
Tot Ion: 99 Resp: 1632189

Ion Ratio Lower Upper

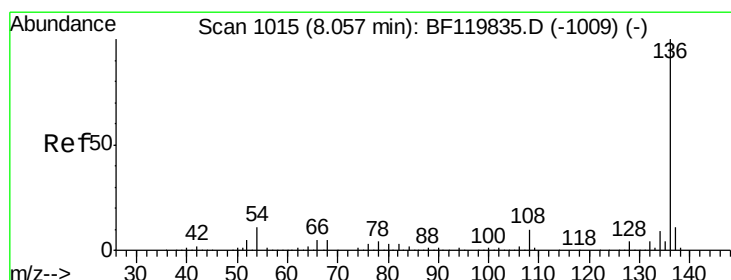
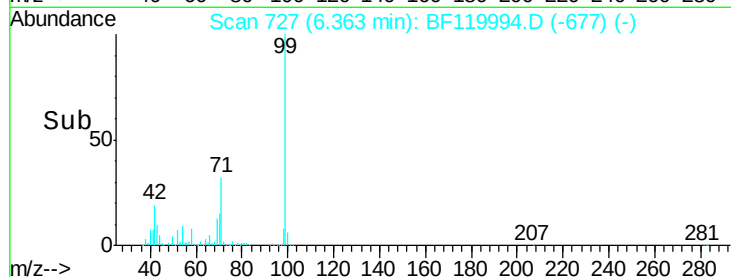
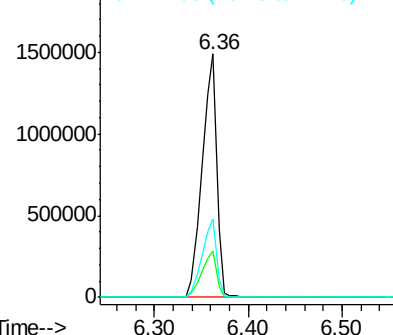
99 100

42 19.3 16.9 25.3

71 32.4 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: BF119994.D

Acq: 15 Apr 2020 15:28

Tgt Ion: 136 Resp: 722543

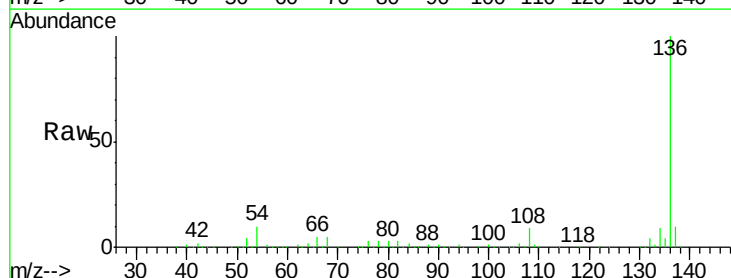
Ion Ratio Lower Upper

136 100

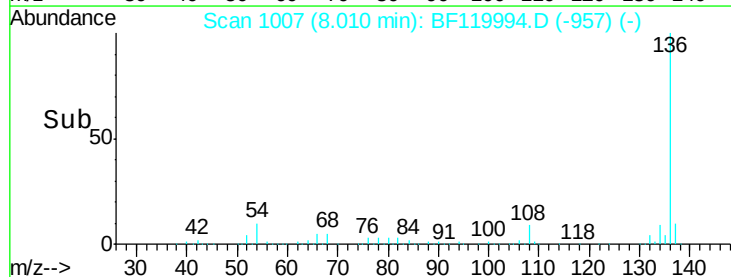
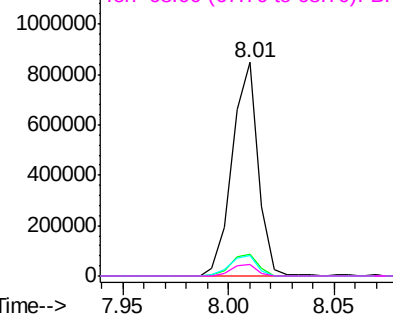
137 10.2 8.7 13.1

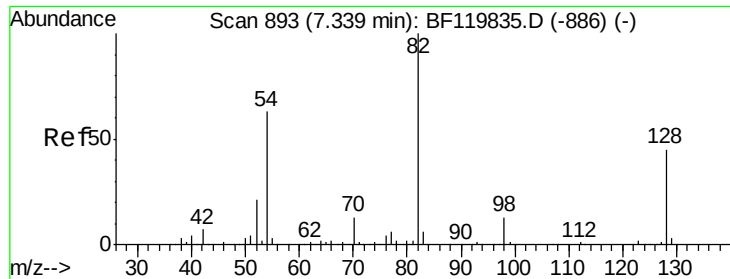
54 9.8 8.5 12.7

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

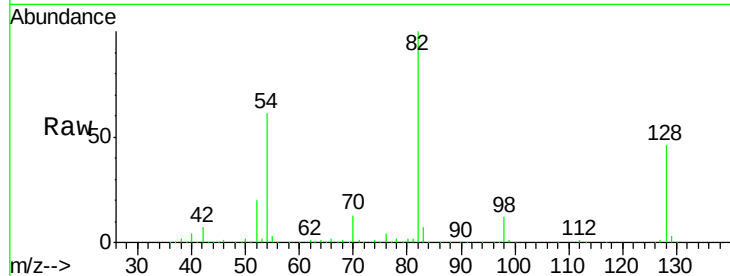




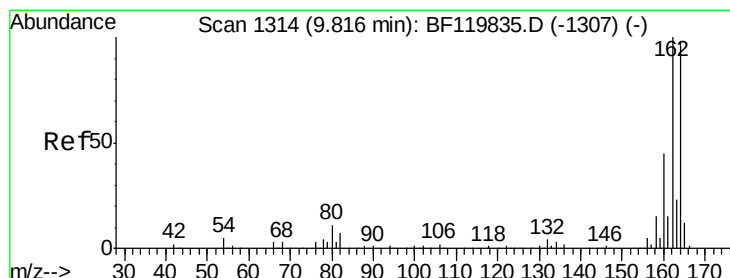
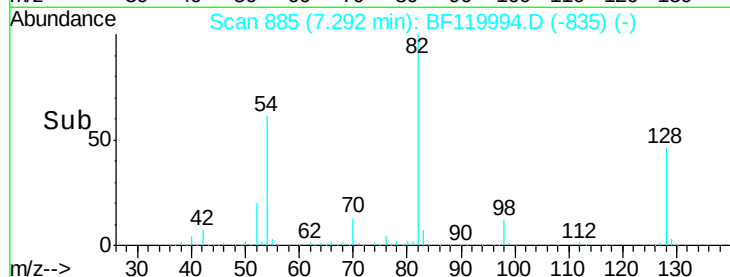
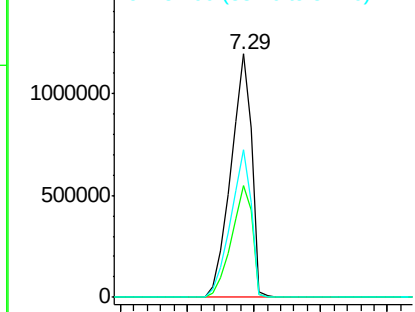
#23
 Nitrobenzene-d5
 Concen: 94.140 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF119994.D
 Acq: 15 Apr 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-23A

Tot Ion: 82 Resp: 1314815
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.2 54.4
 54 60.9 50.4 75.6

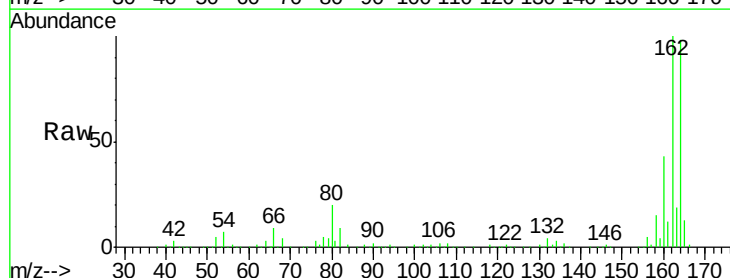


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

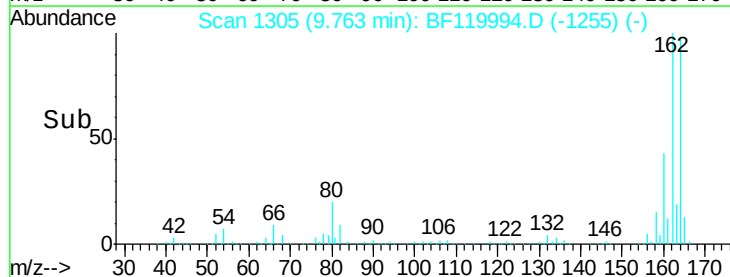
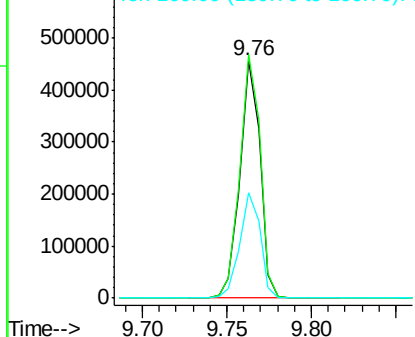


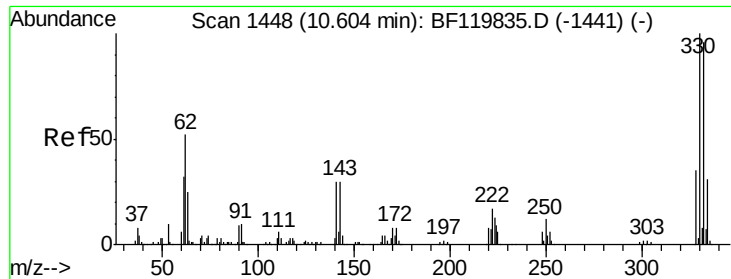
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF119994.D
 Acq: 15 Apr 2020 15:28

Tgt Ion:164 Resp: 380116
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.9 122.9
 160 44.3 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

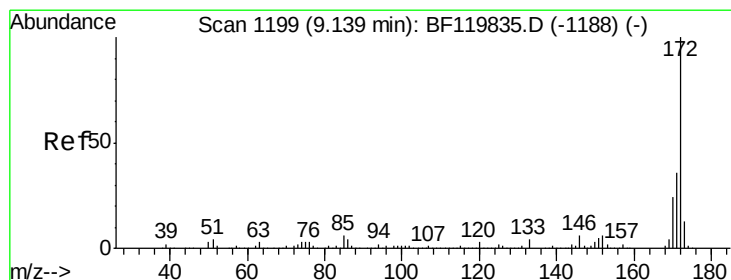
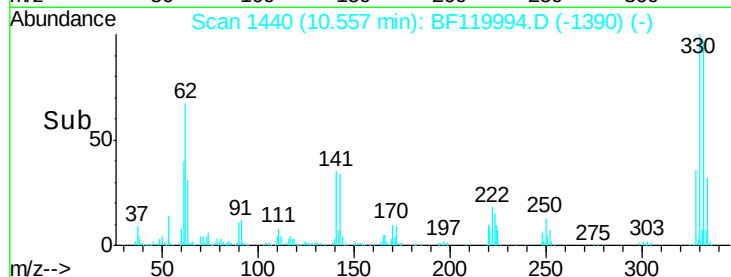
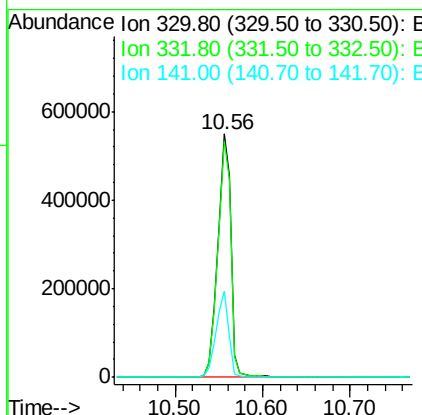
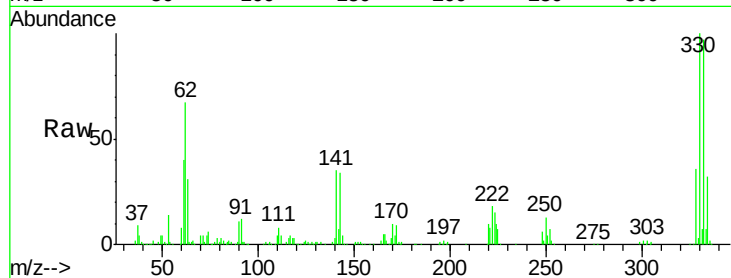




#42
 2,4,6-Tribromophenol
 Concen: 124.243 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119994.D
 Acq: 15 Apr 2020 15:28

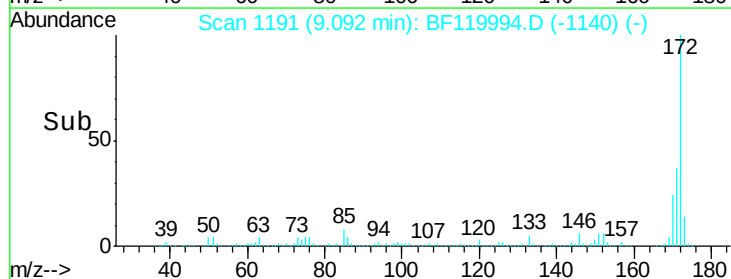
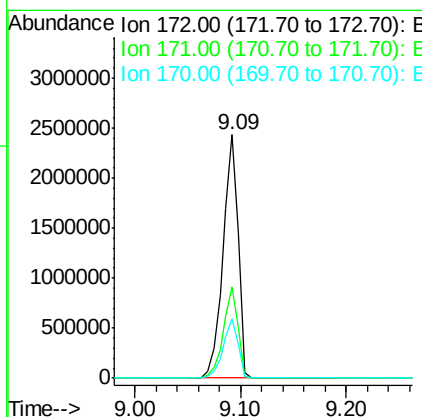
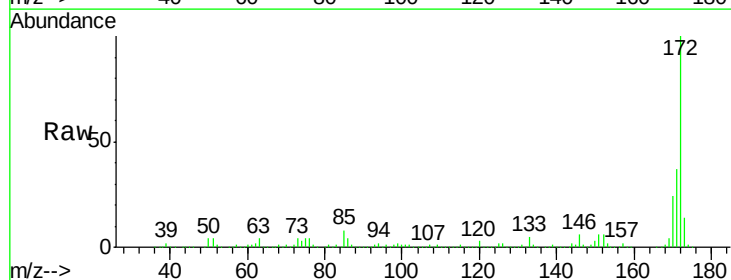
Instrument :
 BNA_F
 ClientSampleId :
 TP-23A

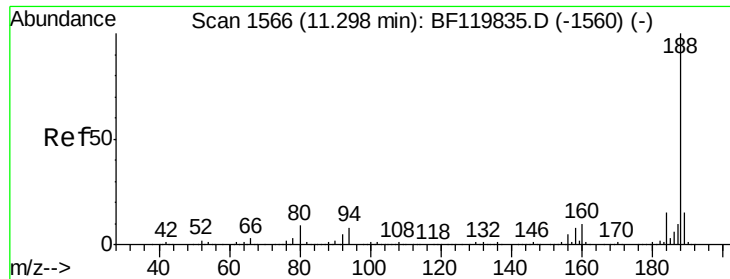
Tot Ion:330 Resp: 578218
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 33.9 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 90.570 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119994.D
 Acq: 15 Apr 2020 15:28

Tgt Ion:172 Resp: 2424815
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 24.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119994.D

Acq: 15 Apr 2020 15:28

Instrument :

BNA_F

ClientSampleId :

TP-23A

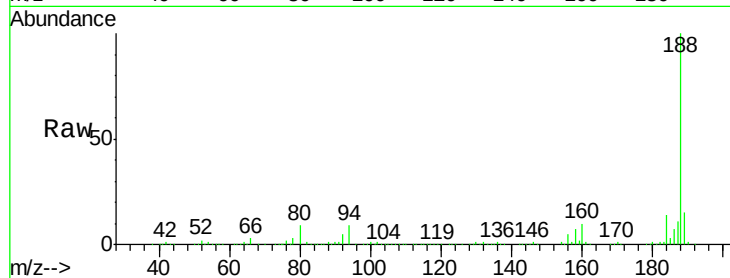
Tot Ion:188 Resp: 749777

Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

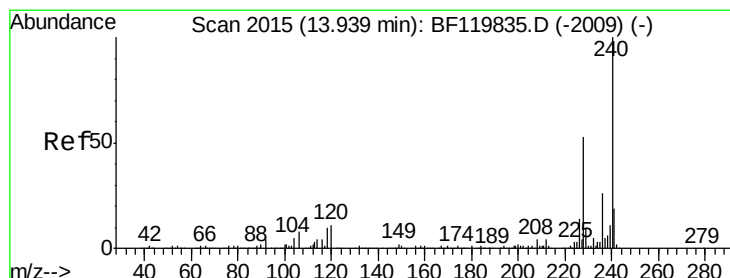
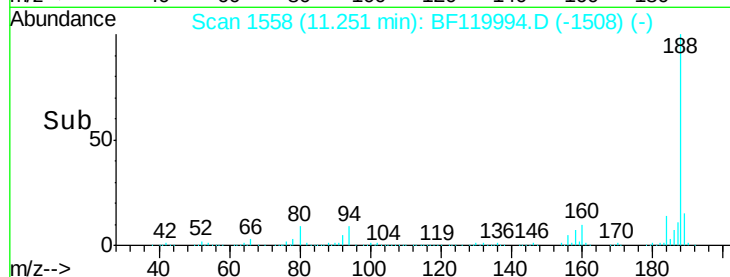
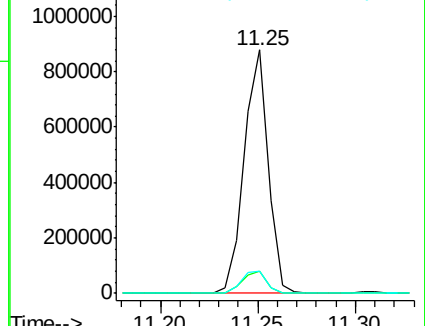
80 9.1 7.4 11.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119994.D

Acq: 15 Apr 2020 15:28

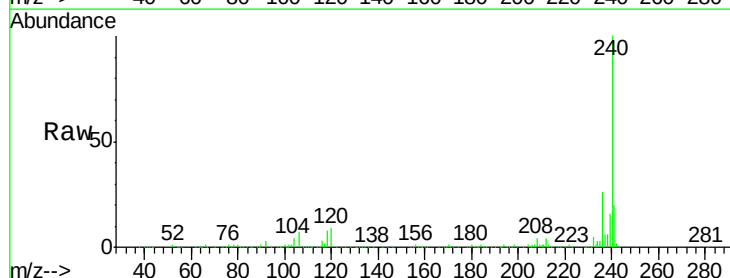
Tgt Ion:240 Resp: 611273

Ion Ratio Lower Upper

240 100

120 9.1 9.0 13.6

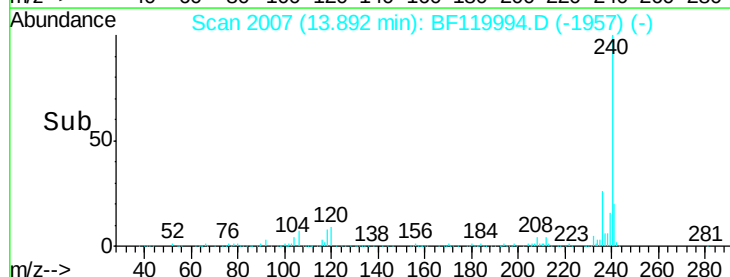
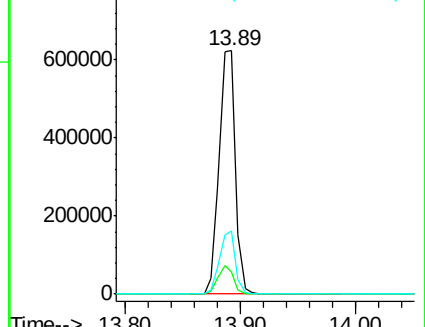
236 25.7 20.7 31.1

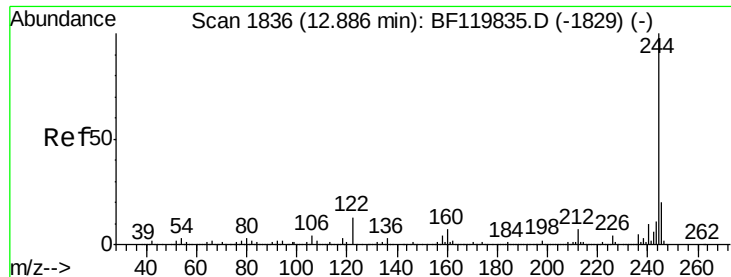


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

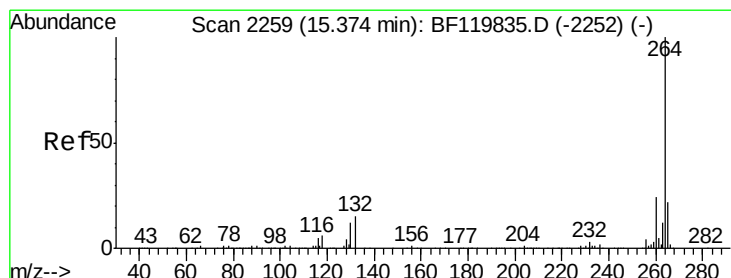
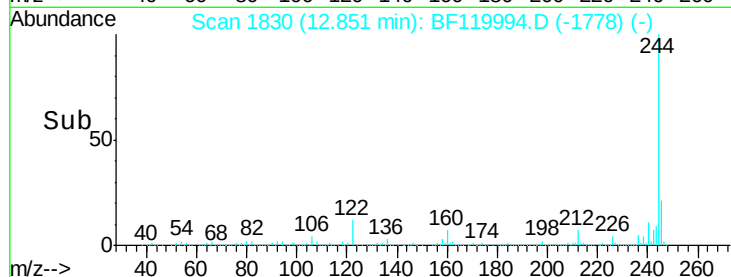
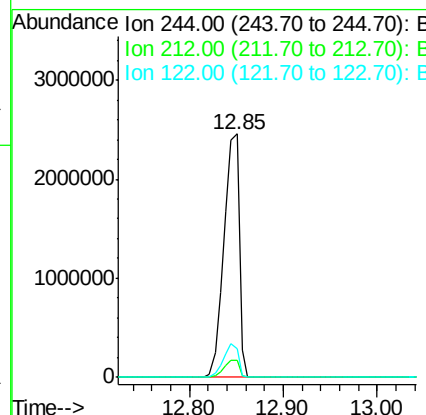
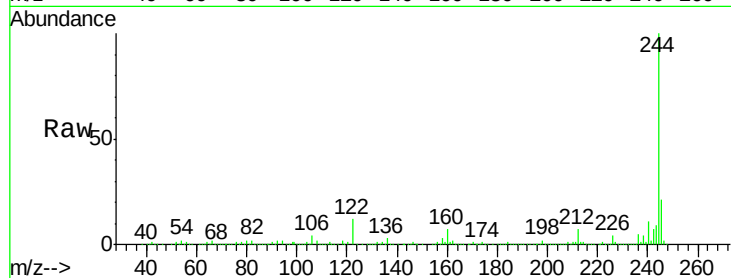




#79
 Terphenyl-d14
 Concen: 77.284 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BF119994.D
 Acq: 15 Apr 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-23A

Tot Ion:244 Resp: 2807564
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.5 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF119994.D
 Acq: 15 Apr 2020 15:28

Tgt Ion:264 Resp: 507732
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.7 17.6 26.4

