

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120106.D
 Acq On : 21 Apr 2020 17:03
 Operator : MA/SJ
 Sample : L2343-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Apr 22 02:59:04 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 21 13:48:22 2020
 Response via : Initial Calibration

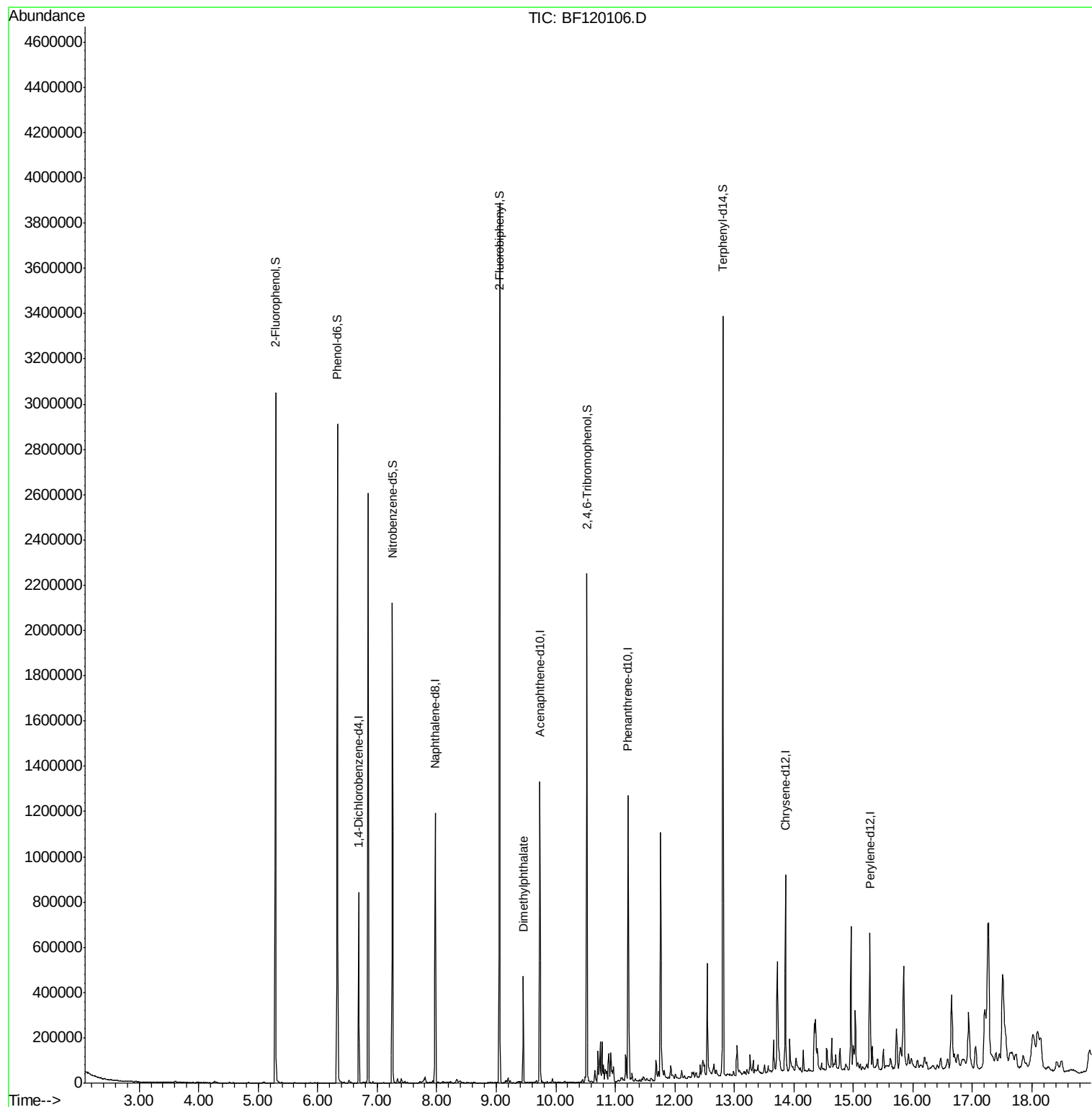
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	124970	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	480765	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	237755	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	441615	20.00	ng	0.00
76) Chrysene-d12	13.86	240	263630	20.00	ng	-0.01
87) Perylene-d12	15.27	264	247231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	744524	102.96	ng	0.00
7) Phenol-d6	6.33	99	953200	102.30	ng	0.00
23) Nitrobenzene-d5	7.26	82	605797	65.19	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	238266	81.85	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1134836	67.77	ng	0.00
79) Terphenyl-d14	12.81	244	1086725	69.36	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	165693	9.010	ng	Qvalue 99

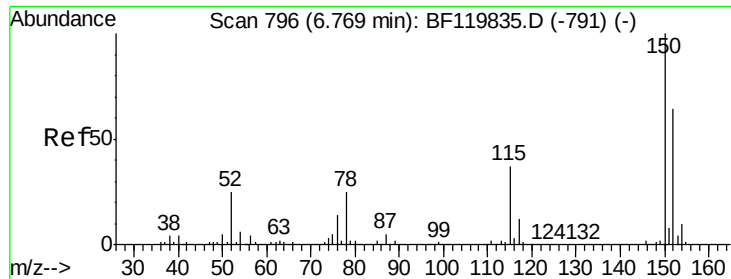
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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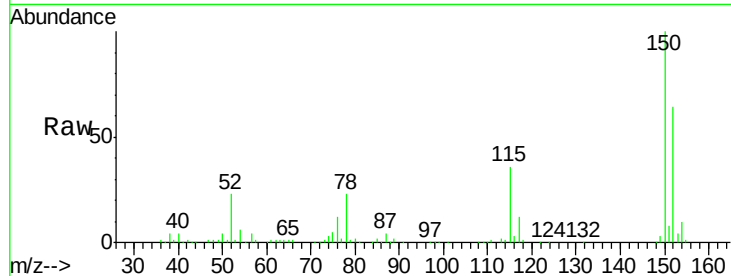


#1

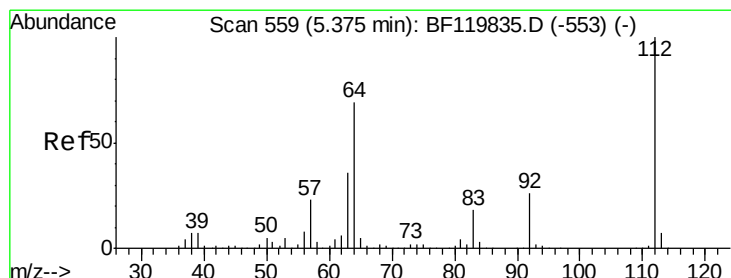
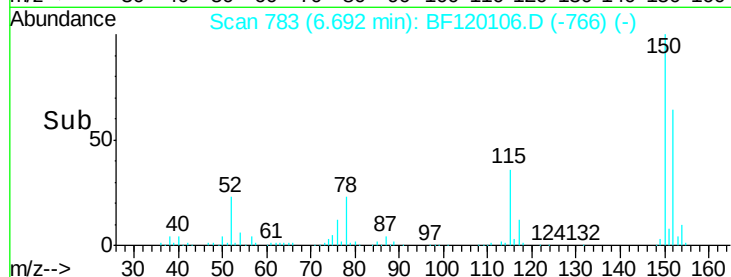
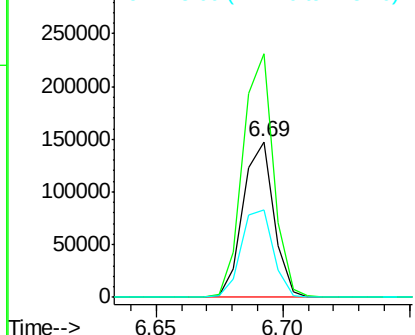
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120106.D
Acq: 21 Apr 2020 17:03

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion:152 Resp: 124970
Ion Ratio Lower Upper
152 100
150 156.6 124.8 187.2
115 55.8 46.5 69.7



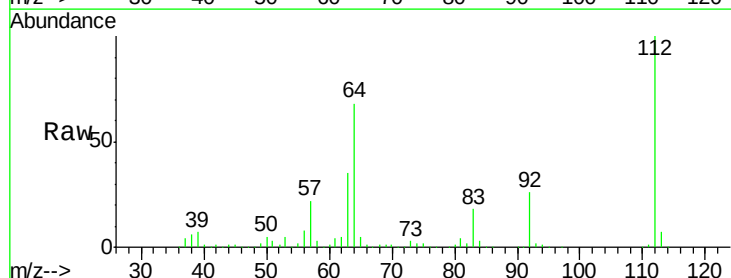
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



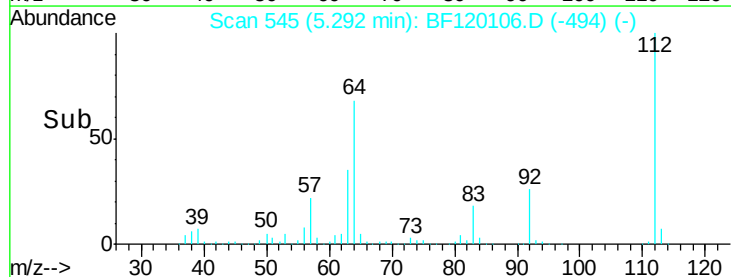
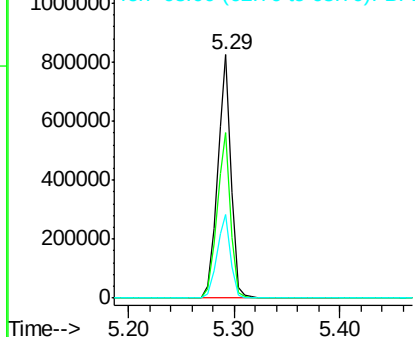
#5

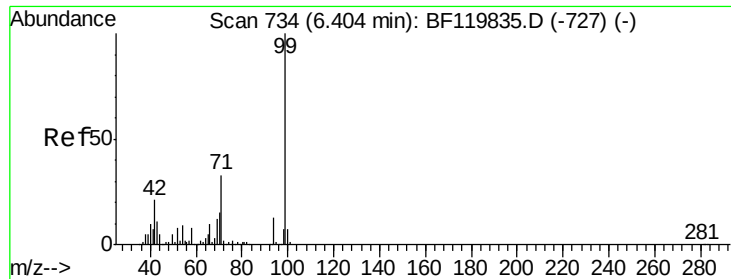
2-Fluorophenol
Concen: 102.959 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF120106.D
Acq: 21 Apr 2020 17:03

Tgt Ion:112 Resp: 744524
Ion Ratio Lower Upper
112 100
64 68.2 55.5 83.3
63 34.6 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: 102.298 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

SB-4

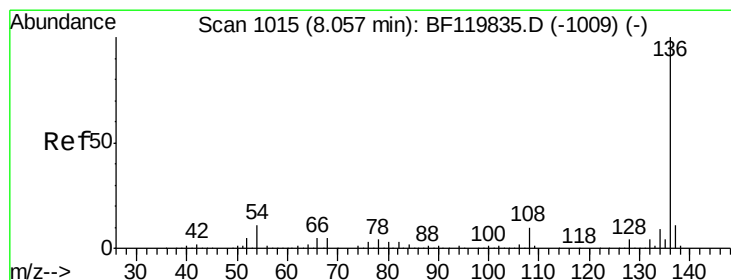
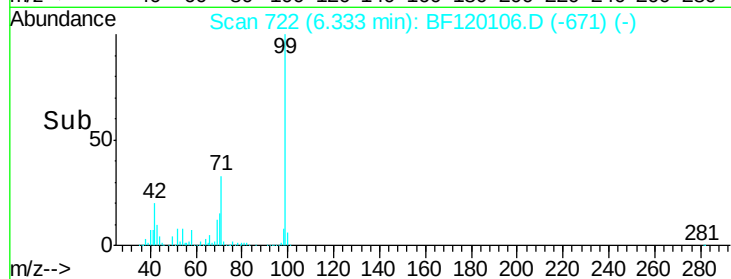
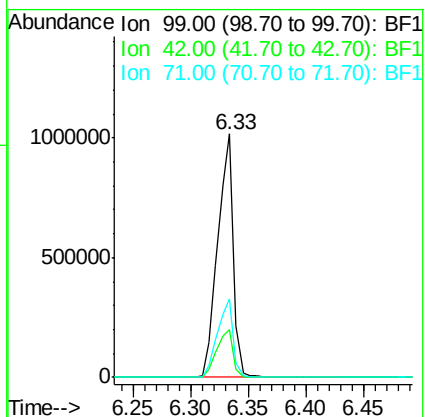
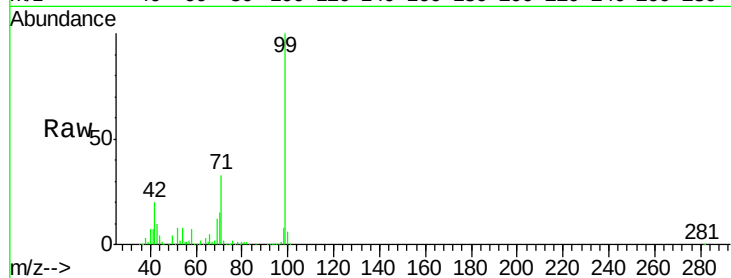
Tot Ion: 99 Resp: 953200

Ion Ratio Lower Upper

99 100

42 19.9 16.9 25.3

71 32.5 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Tgt Ion: 136 Resp: 480765

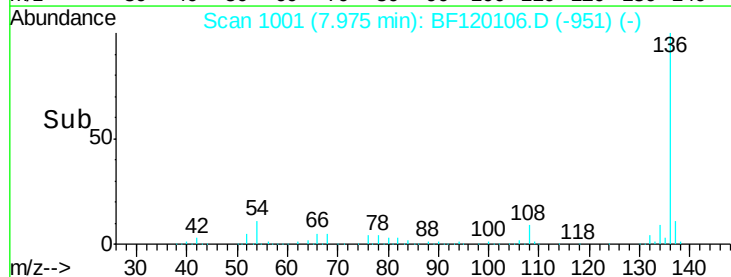
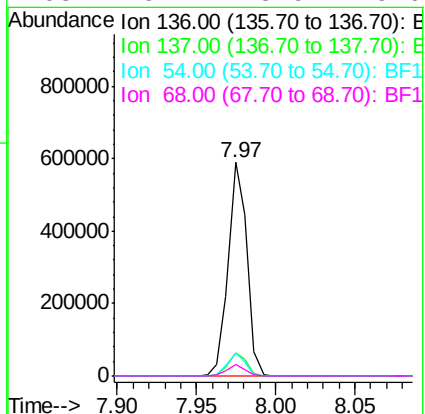
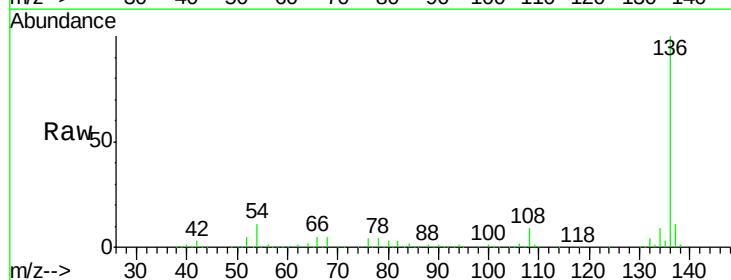
Ion Ratio Lower Upper

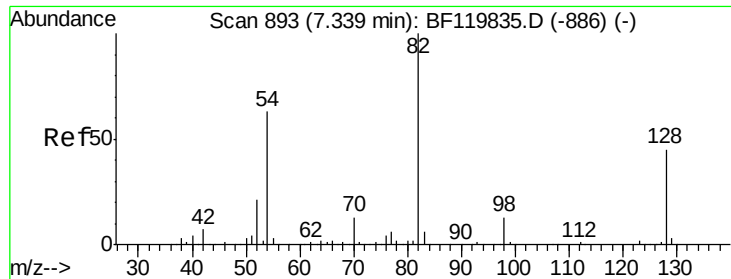
136 100

137 10.9 8.7 13.1

54 10.6 8.5 12.7

68 5.4 3.9 5.9

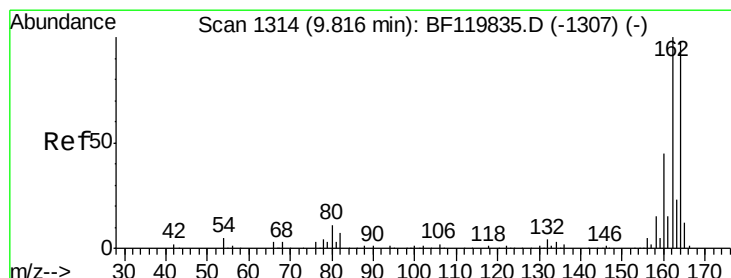
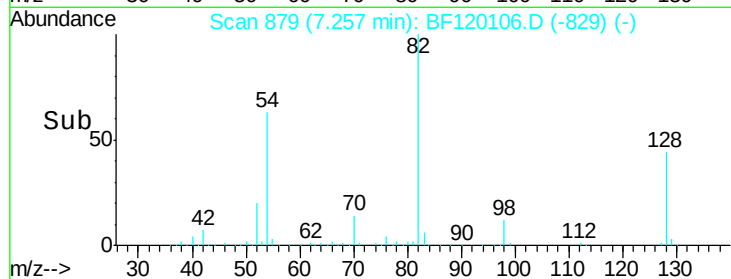
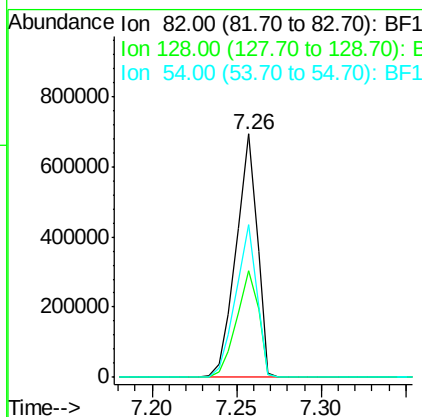
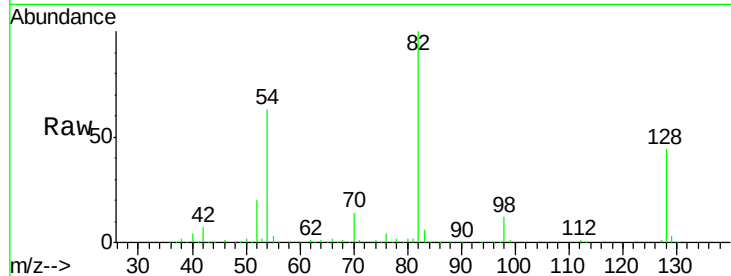




#23
 Nitrobenzene-d5
 Concen: 65.188 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF120106.D
 Acq: 21 Apr 2020 17:03

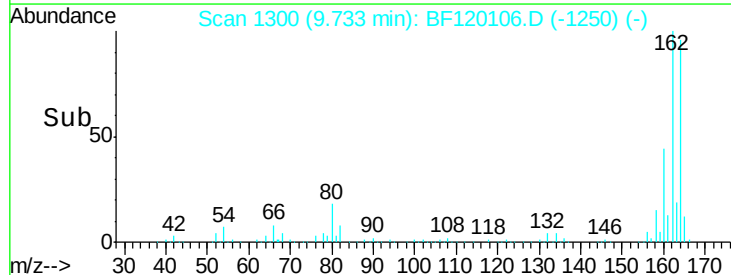
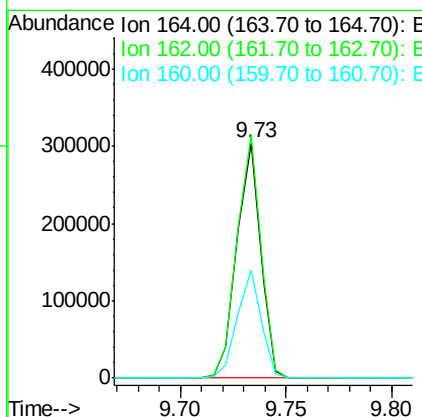
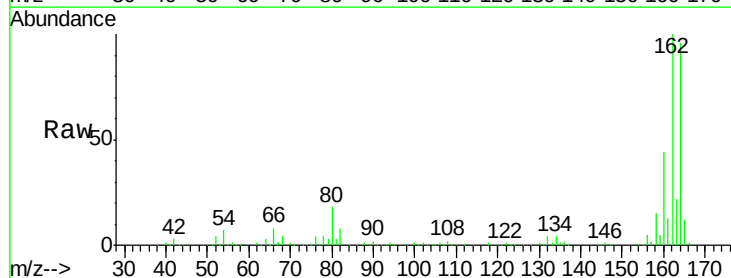
Instrument :
 BNA_F
 ClientSampled :
 SB-4

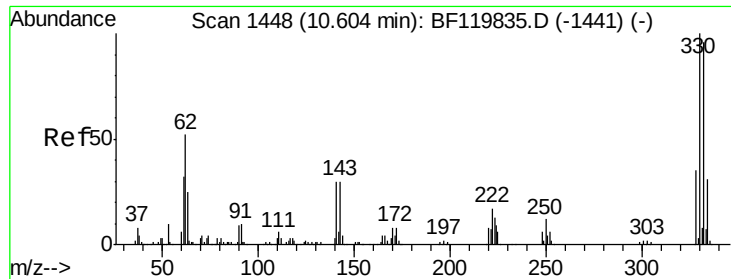
Tot Ion: 82 Resp: 605797
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.2 54.4
 54 62.8 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF120106.D
 Acq: 21 Apr 2020 17:03

Tgt Ion:164 Resp: 237755
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.9 122.9
 160 45.7 36.6 54.8

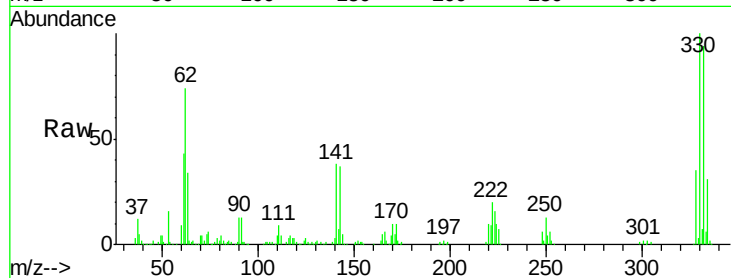




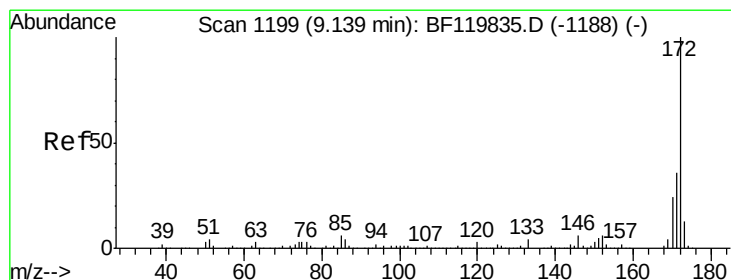
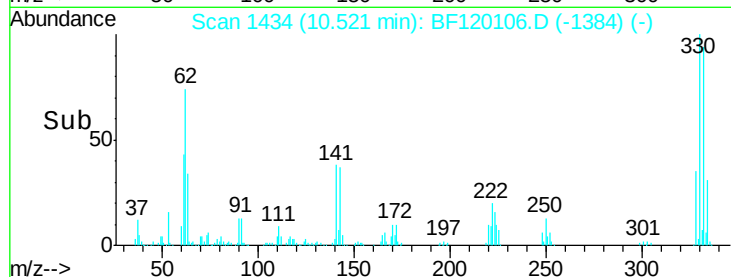
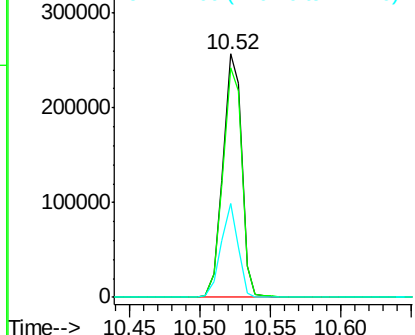
#42
 2,4,6-Tribromophenol
 Concen: 81.852 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF120106.D
 Acq: 21 Apr 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	35.1	25.1	37.7

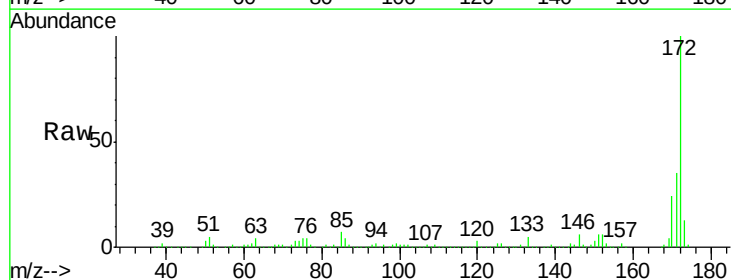


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

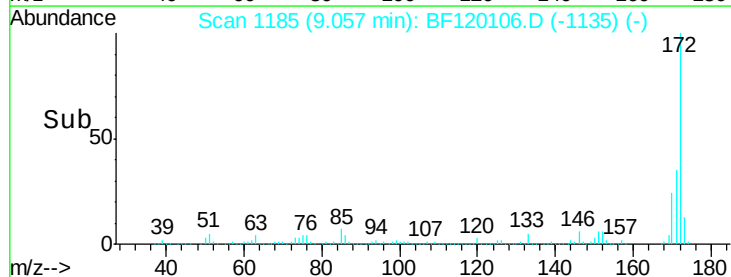
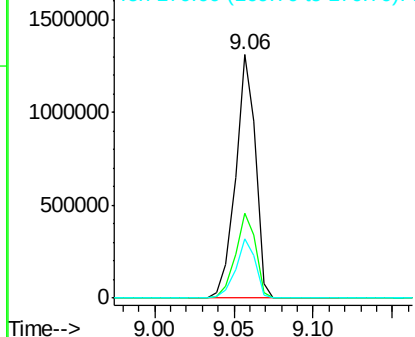


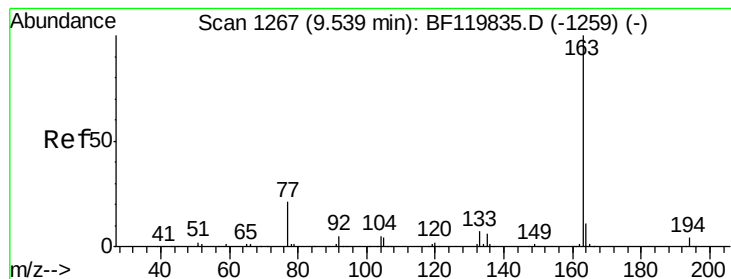
#45
 2-Fluorobiphenyl
 Concen: 67.768 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120106.D
 Acq: 21 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	24.1	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: 9.010 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

SB-4

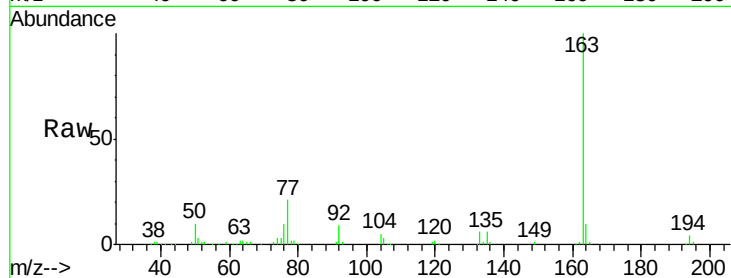
Tot Ion:163 Resp: 165693

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

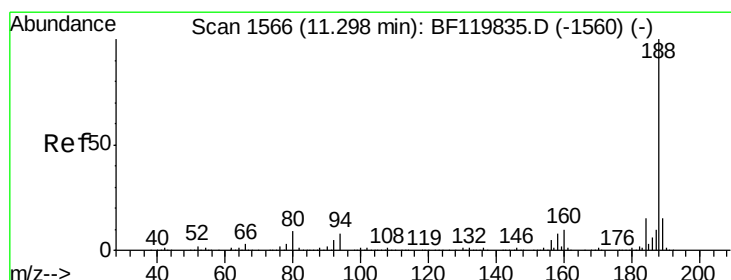
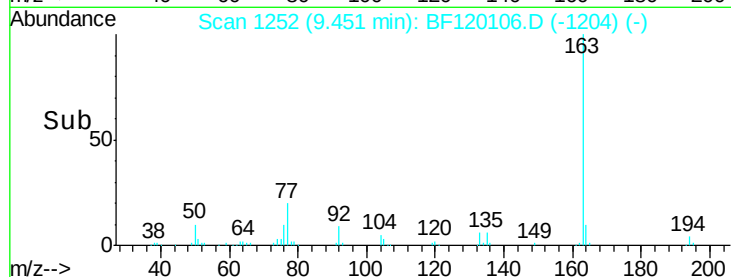
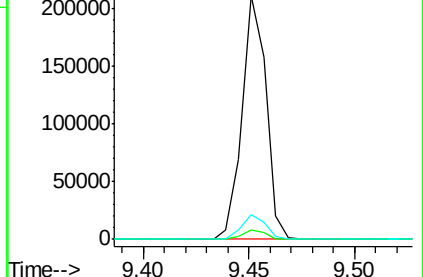
164 10.0 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

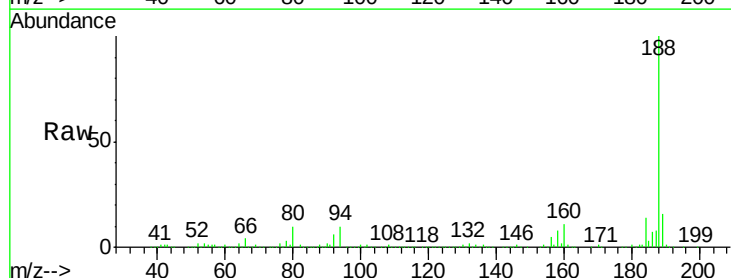
Tgt Ion:188 Resp: 441615

Ion Ratio Lower Upper

188 100

94 9.9 6.7 10.1

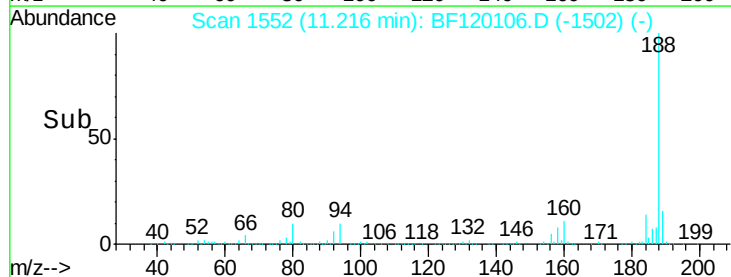
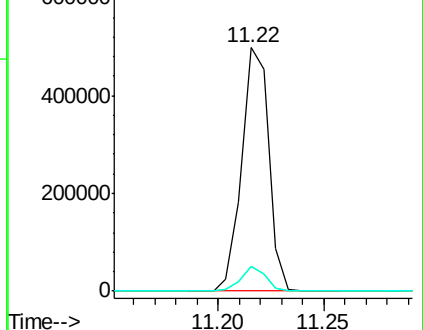
80 10.0 7.4 11.2

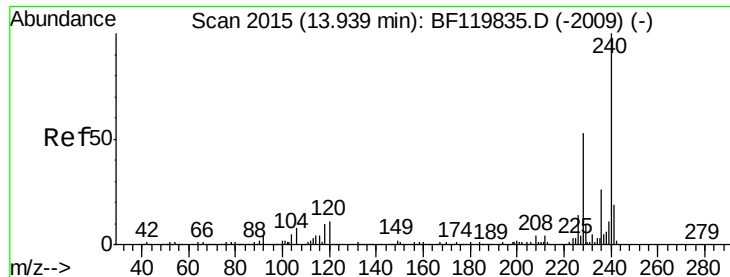


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

SB-4

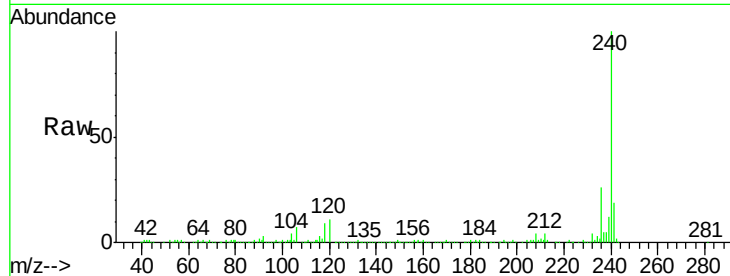
Tot Ion:240 Resp: 263630

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.6

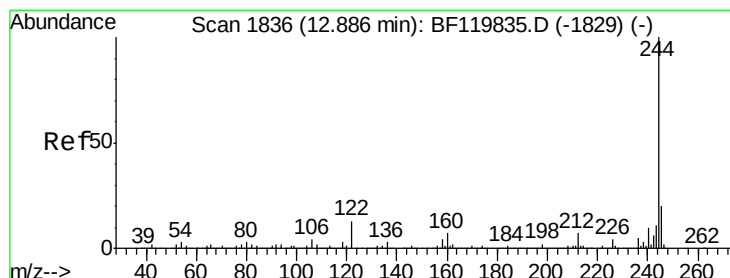
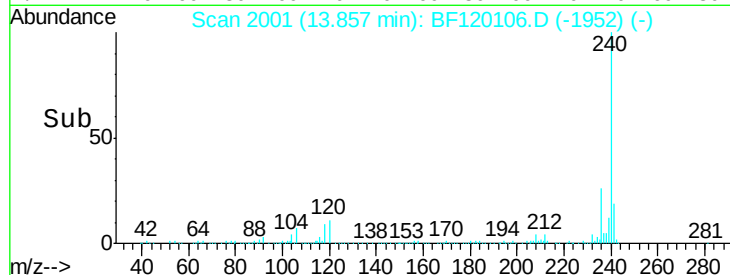
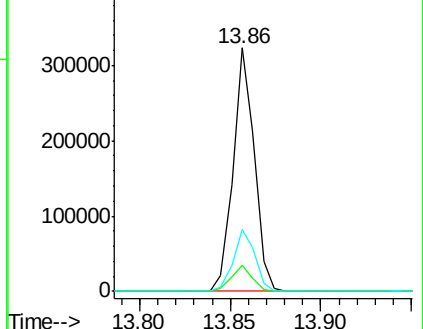
236 25.5 20.7 31.1



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: 69.362 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120106.D

Acq: 21 Apr 2020 17:03

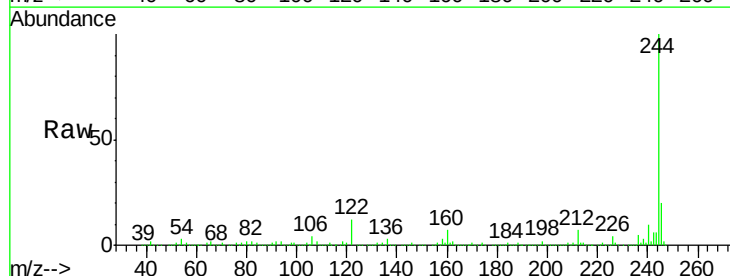
Tgt Ion:244 Resp: 1086725

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

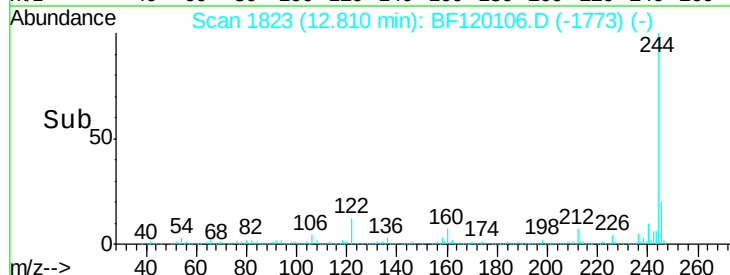
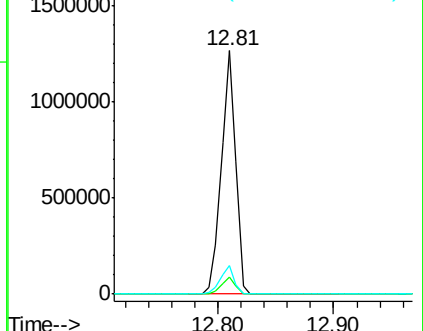
122 12.0 10.3 15.5

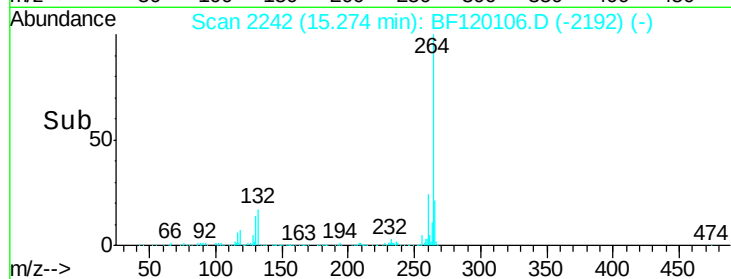
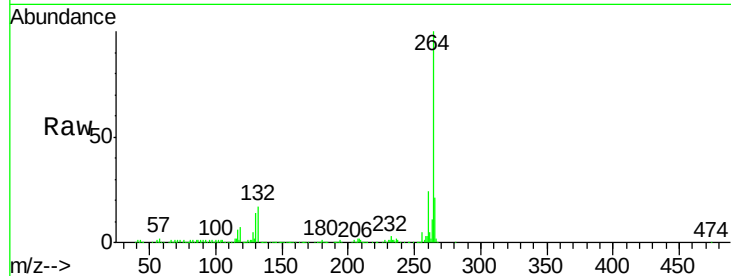
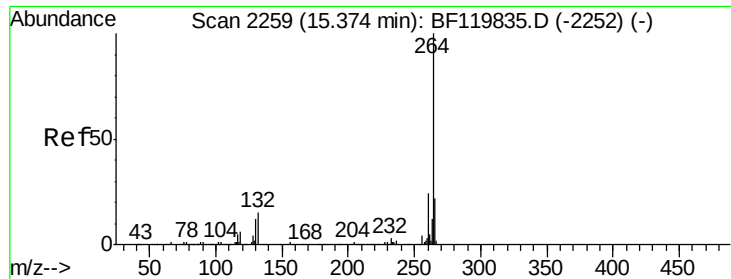


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120106.D
Acq: 21 Apr 2020 17:03

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.2	17.6	26.4

