

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120107.D
 Acq On : 21 Apr 2020 17:30
 Operator : MA/SJ
 Sample : L2343-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Apr 22 03:12:18 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

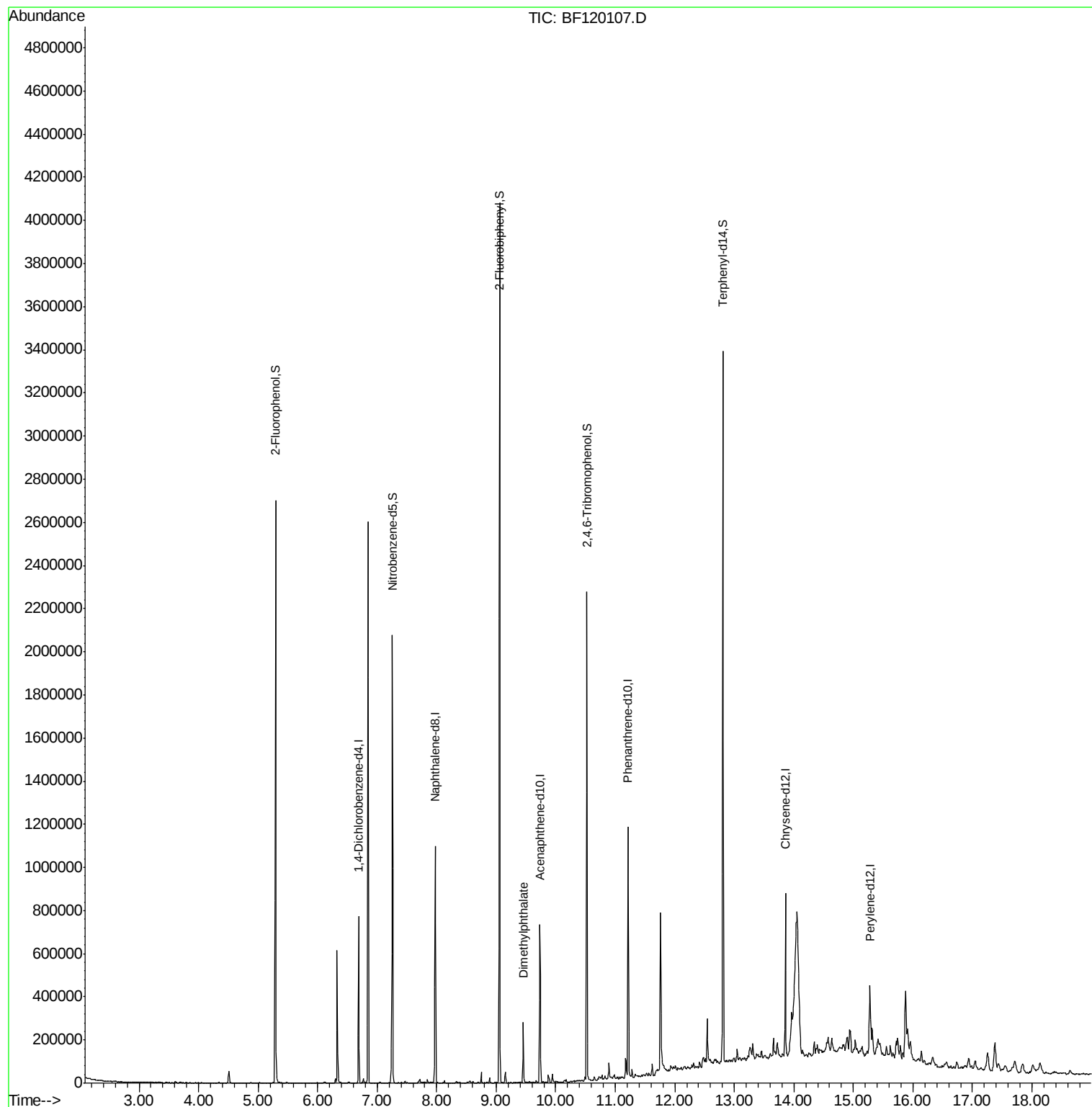
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	112374	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	428201	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	33813	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	374125	20.00	ng	0.00
76) Chrysene-d12	13.86	240	228841	20.00	ng	-0.01
87) Perylene-d12	15.27	264	39301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	675708	103.92	ng	0.00
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.26	82	596981	72.12	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	245366	592.69	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1166924	489.98	ng	0.00
79) Terphenyl-d14	12.81	244	1069619	78.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	91946	35.156	ng	Qvalue 97

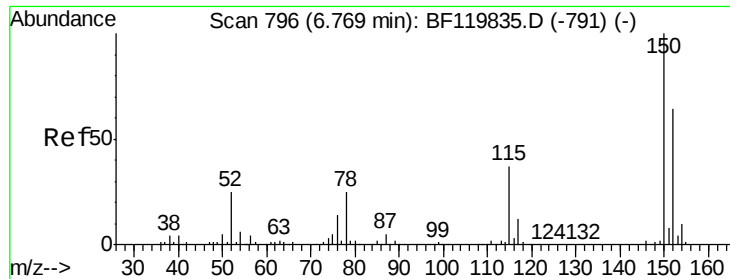
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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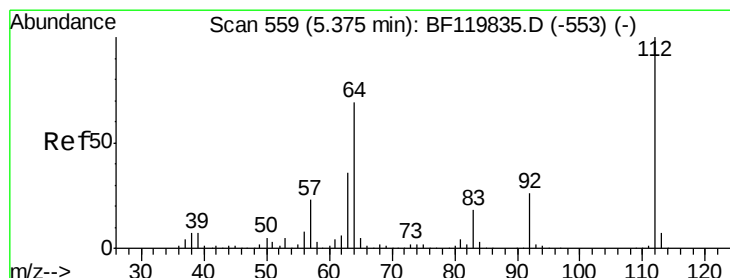
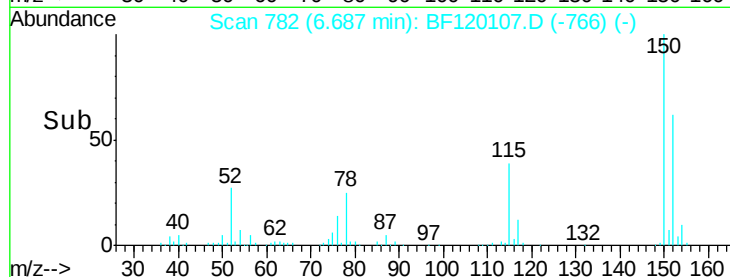
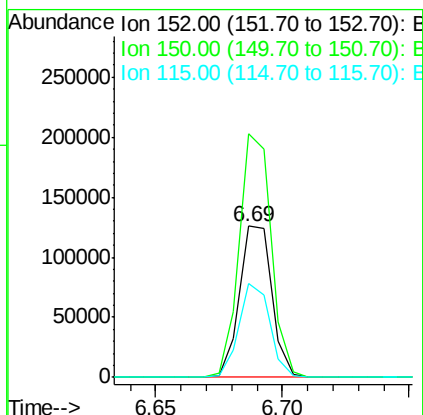
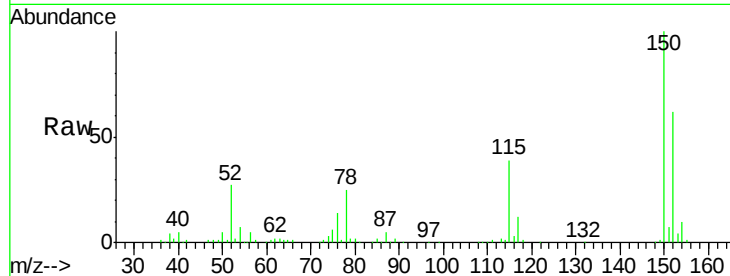


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF120107.D
Acq: 21 Apr 2020 17:30

Instrument :
BNA_F
ClientSampled :
SB-5

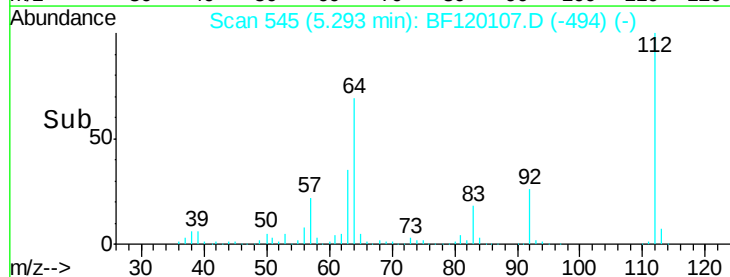
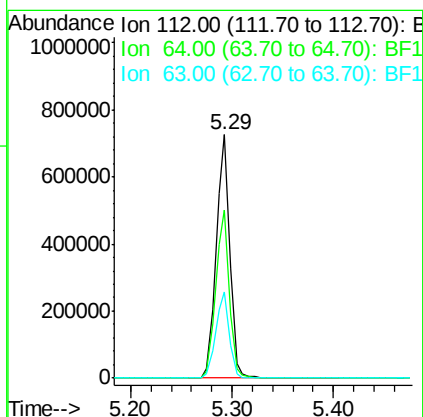
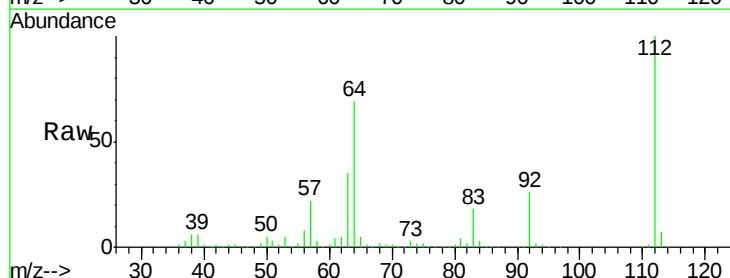
Tot Ion:152 Resp: 112374
Ion Ratio Lower Upper
152 100
150 161.0 124.8 187.2
115 62.4 46.5 69.7

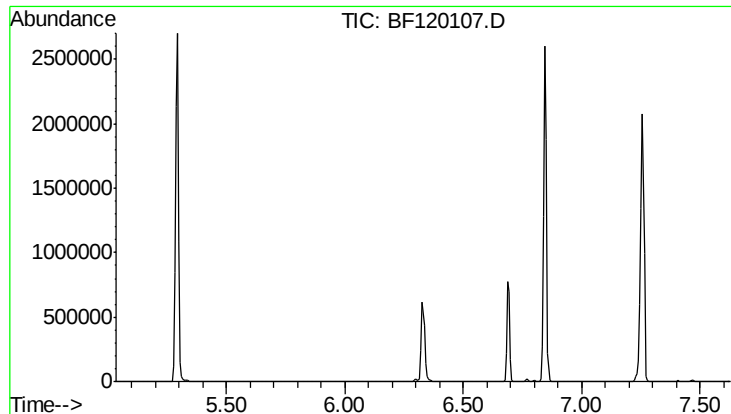


#5

2-Fluorophenol
Concen: 103.916 ng
RT: 5.29 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF120107.D
Acq: 21 Apr 2020 17:30

Tgt Ion:112 Resp: 675708
Ion Ratio Lower Upper
112 100
64 69.2 55.5 83.3
63 35.4 29.1 43.7





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.33 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

Instrument :

BNA_F

ClientSampleId :

SB-5

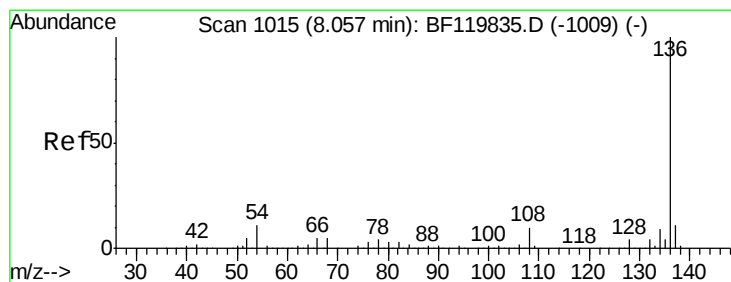
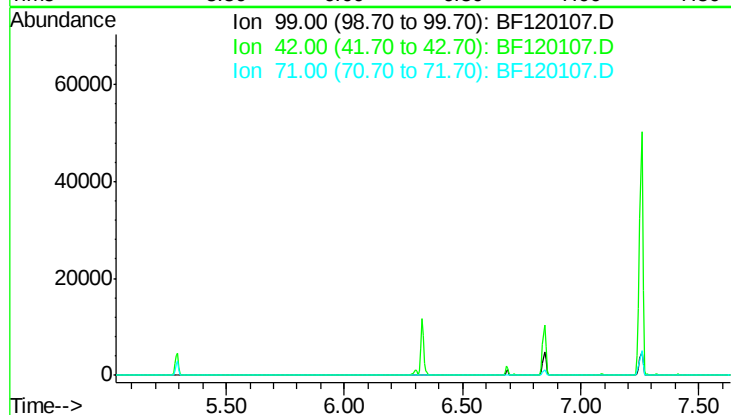
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.1

71 32.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

Tgt Ion:136 Resp: 428201

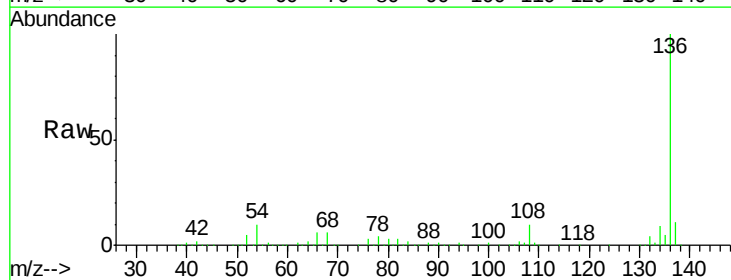
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.2 8.5 12.7

68 5.5 3.9 5.9

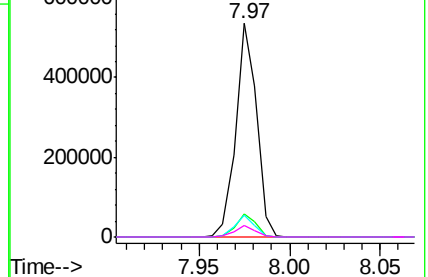
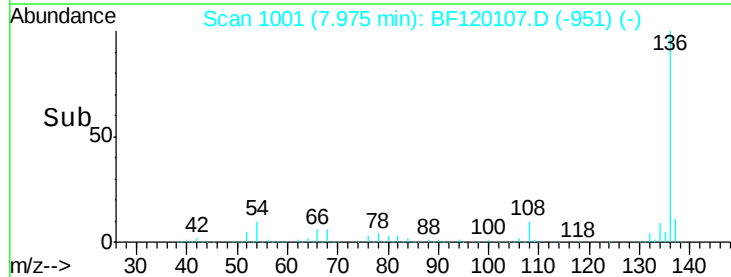


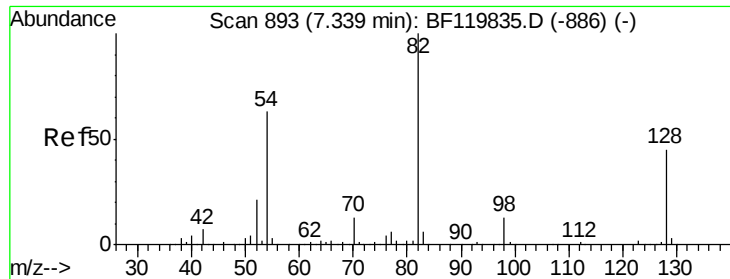
Abundance Ion 136.00 (135.70 to 136.70): E

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

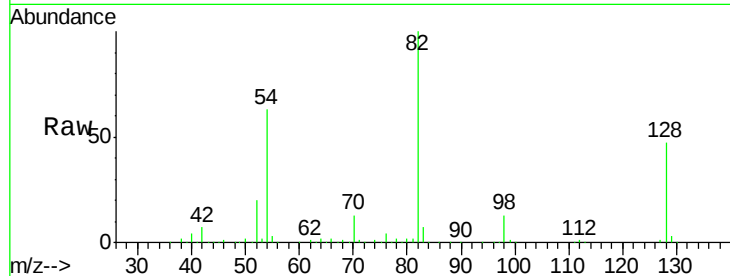




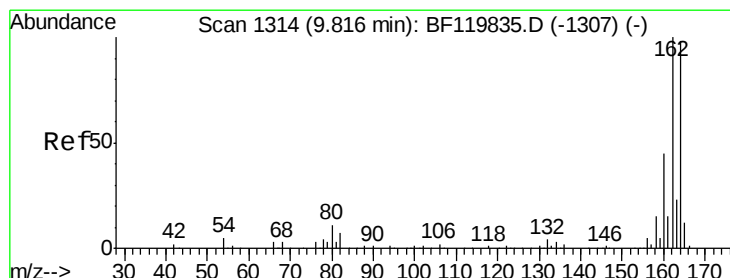
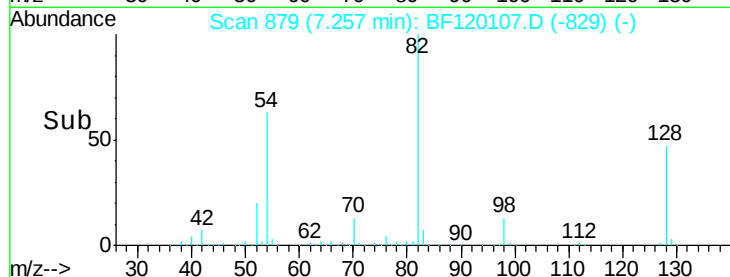
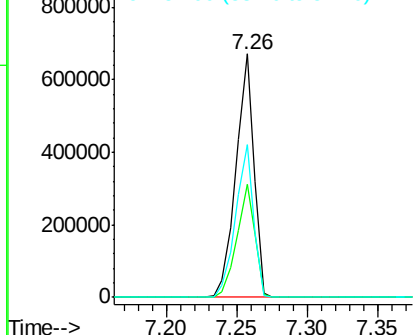
#23
 Nitrobenzene-d5
 Concen: 72.125 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF120107.D
 Acq: 21 Apr 2020 17:30

Instrument :
 BNA_F
 ClientSampled :
 SB-5

Tot Ion: 82 Resp: 596981
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.2 54.4
 54 62.5 50.4 75.6

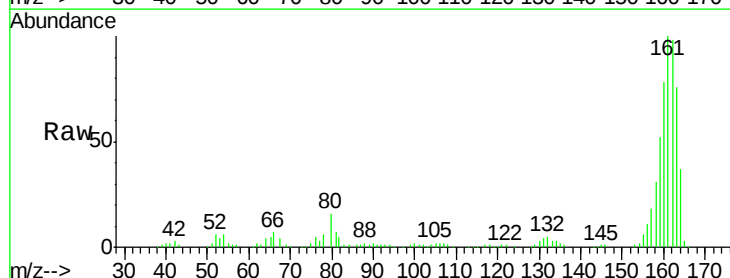


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

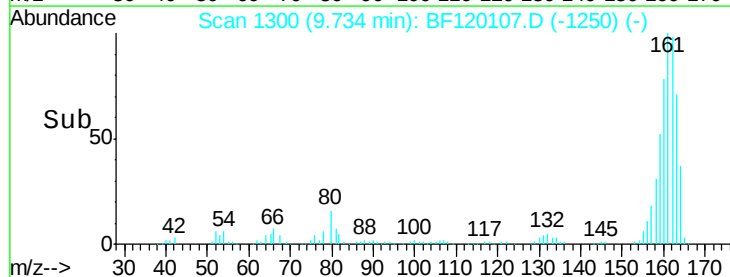
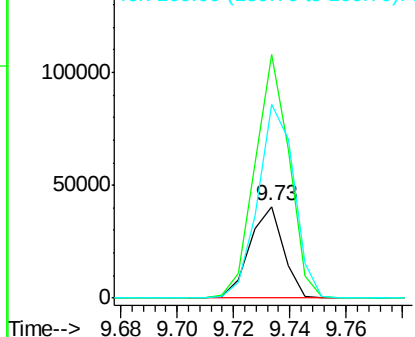


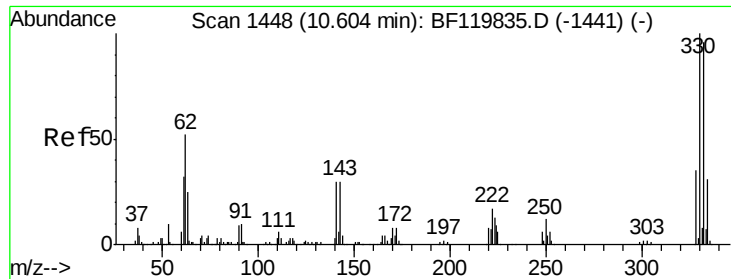
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF120107.D
 Acq: 21 Apr 2020 17:30

Tgt Ion:164 Resp: 33813
 Ion Ratio Lower Upper
 164 100
 162 265.2 81.9 122.9#
 160 211.7 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

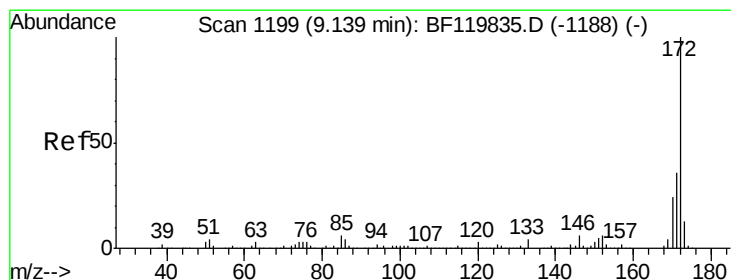
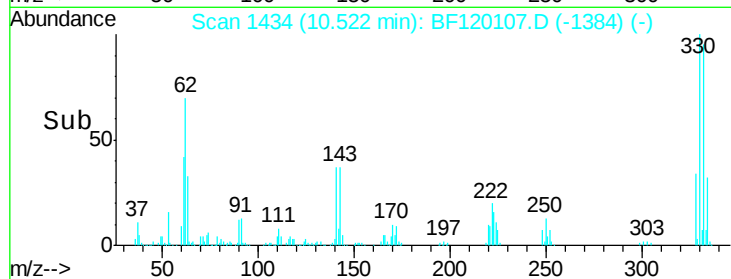
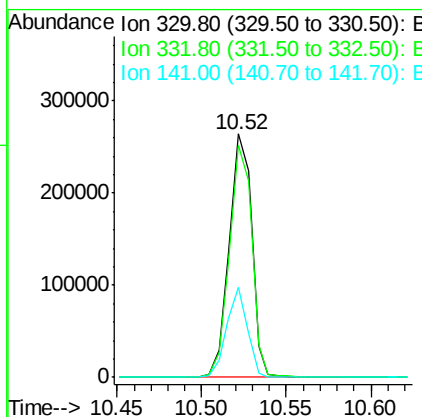
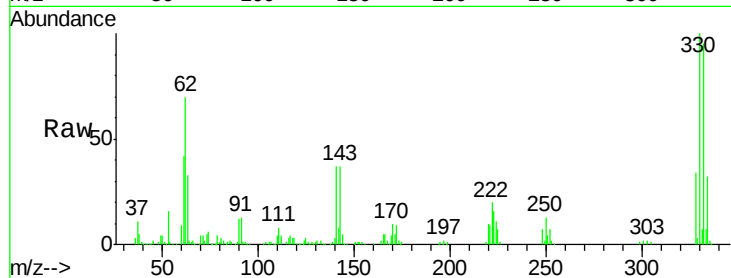




#42
 2,4,6-Tribromophenol
 Concen: 592.692 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF120107.D
 Acq: 21 Apr 2020 17:30

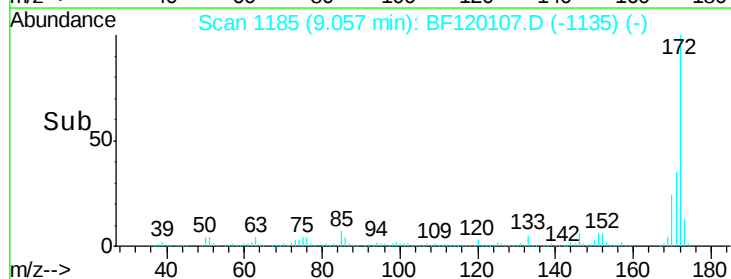
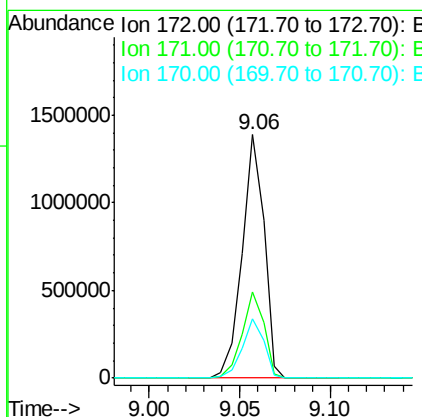
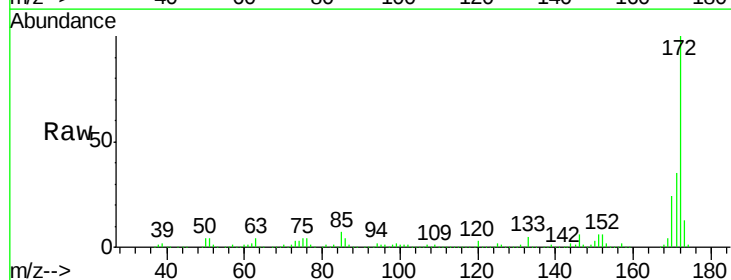
Instrument :
 BNA_F
 ClientSampleId :
 SB-5

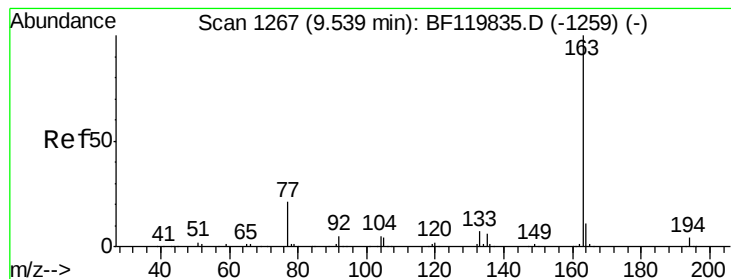
Tot Ion:330 Resp: 245366
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.8 115.2
 141 34.1 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 489.983 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120107.D
 Acq: 21 Apr 2020 17:30

Tgt Ion:172 Resp: 1166924
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 24.2 19.4 29.2





#50

Dimethylphthalate

Concen: 35.156 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

Instrument :

BNA_F

ClientSampleId :

SB-5

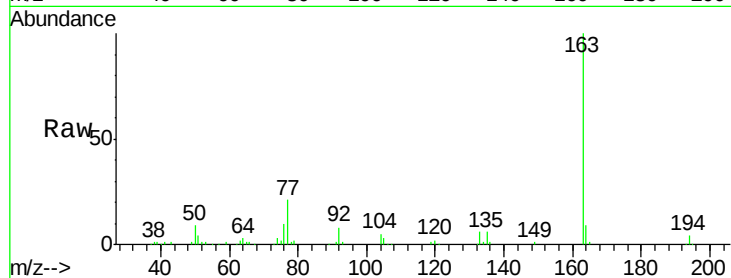
Tot Ion:163 Resp: 91946

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

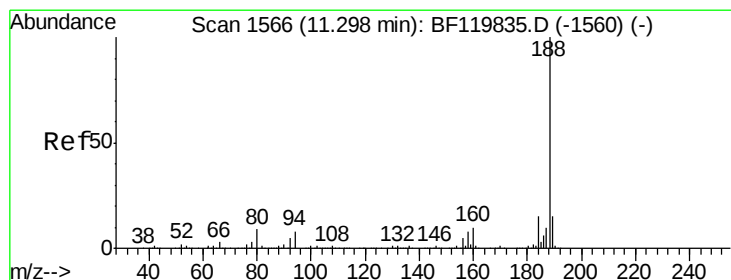
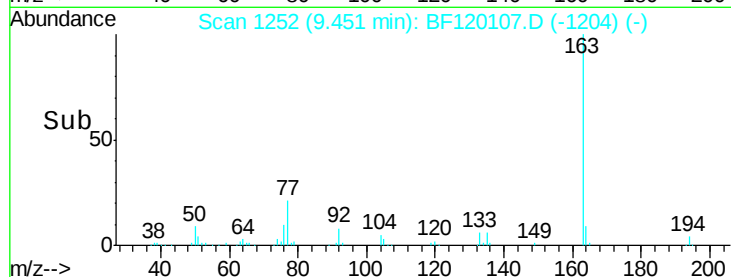
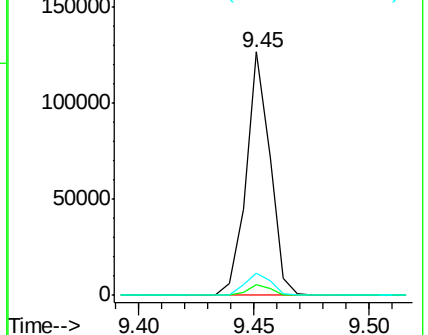
164 9.0 8.4 12.6



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: BF120107.D

Acq: 21 Apr 2020 17:30

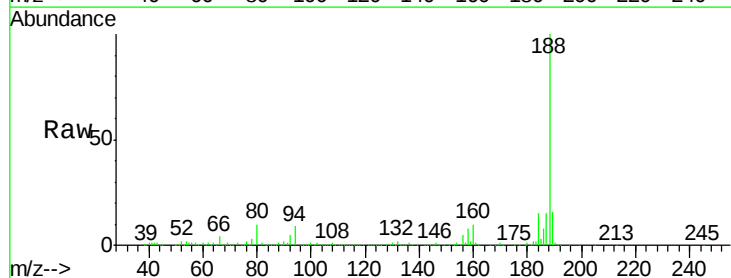
Tgt Ion:188 Resp: 374125

Ion Ratio Lower Upper

188 100

94 9.3 6.7 10.1

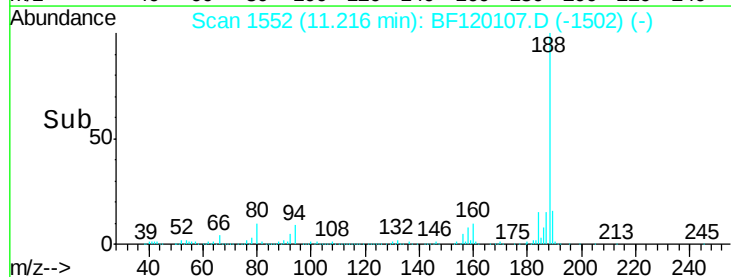
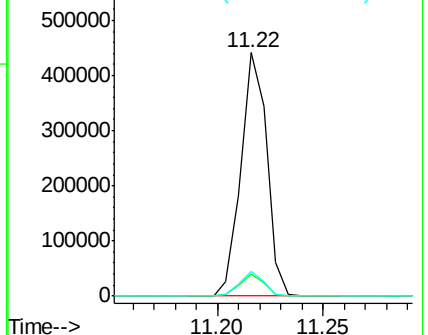
80 10.1 7.4 11.2

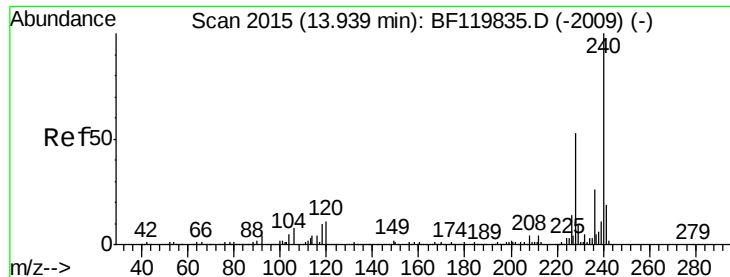


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

Instrument :

BNA_F

ClientSampleId :

SB-5

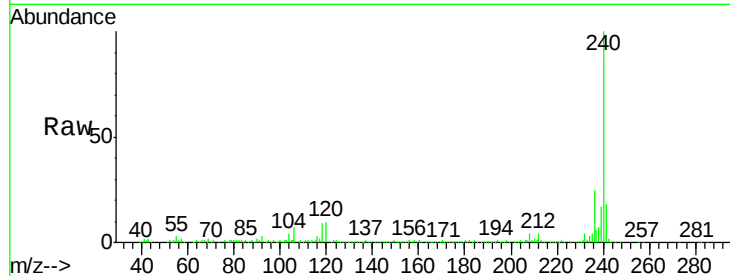
Tot Ion:240 Resp: 228841

Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.6

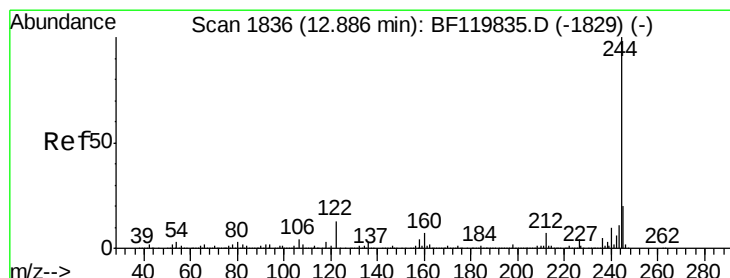
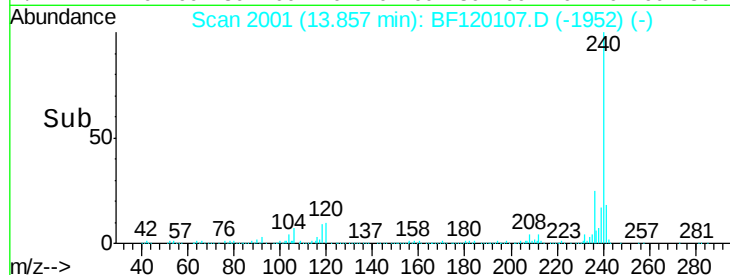
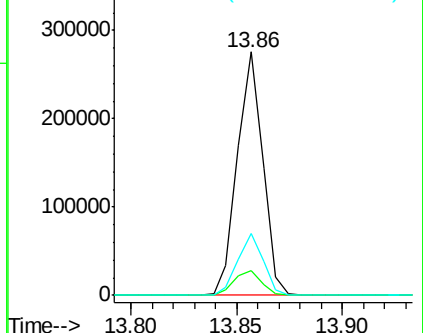
236 25.4 20.7 31.1



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: 78.648 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

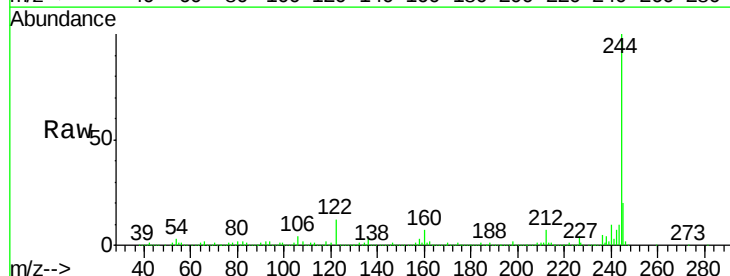
Tgt Ion:244 Resp: 1069619

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

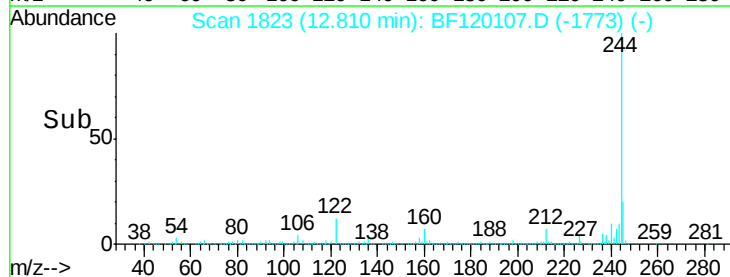
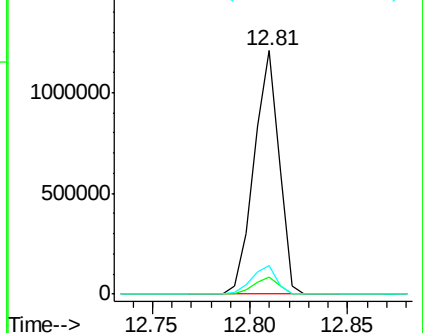
122 11.7 10.3 15.5

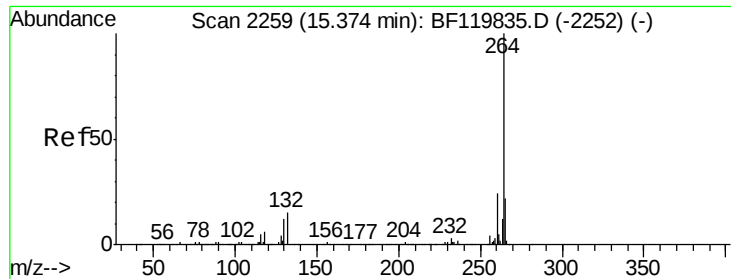


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

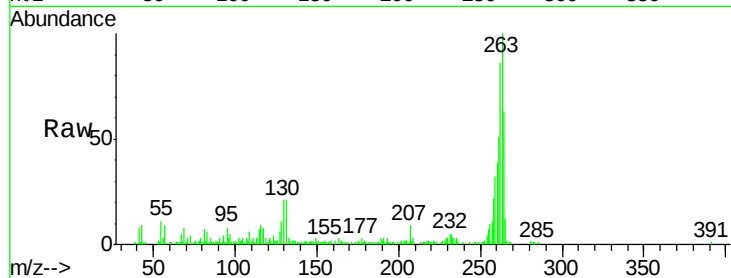




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120107.D
Acq: 21 Apr 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SB-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	61.1	19.3	28.9
265	18.9	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

