

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120063.D
 Acq On : 17 Apr 2020 17:03
 Operator : MA/SJ
 Sample : L2271-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-5

Quant Time: Apr 20 06:12:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

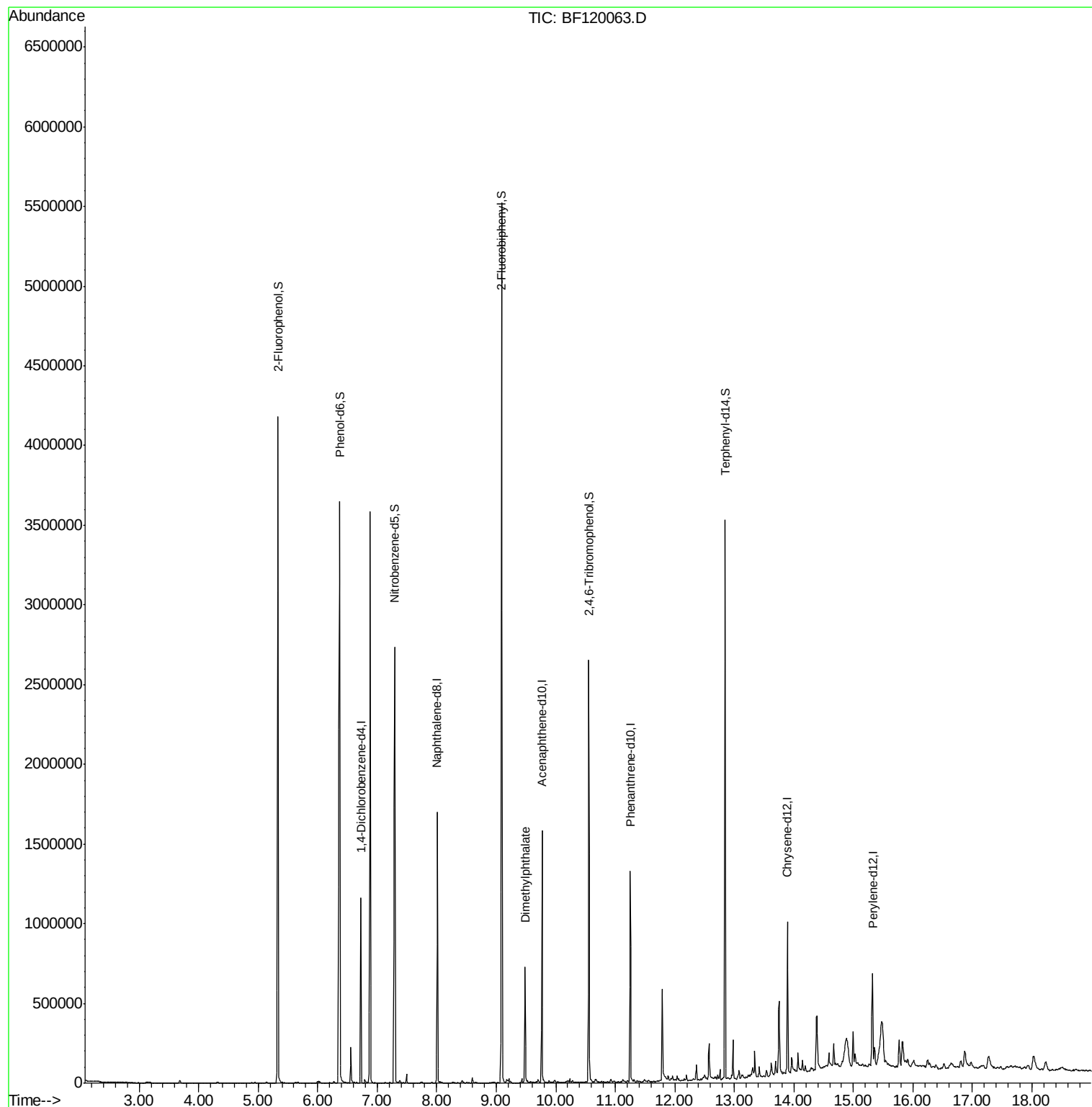
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	177316	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	656210	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	300800	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	446396	20.00	ng	0.00
76) Chrysene-d12	13.89	240	293441	20.00	ng	-0.01
87) Perylene-d12	15.32	264	261251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1154263	112.50	ng	0.00
7) Phenol-d6	6.37	99	1467163	110.97	ng	0.00
23) Nitrobenzene-d5	7.29	82	921177	72.62	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	288995	78.47	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1663825	78.53	ng	0.00
79) Terphenyl-d14	12.84	244	1181188	67.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	259417	11.150	ng	Qvalue 98

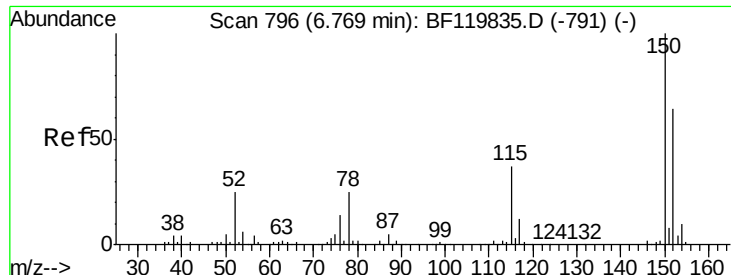
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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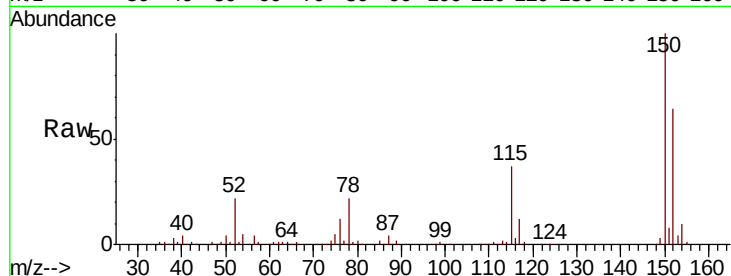


#1

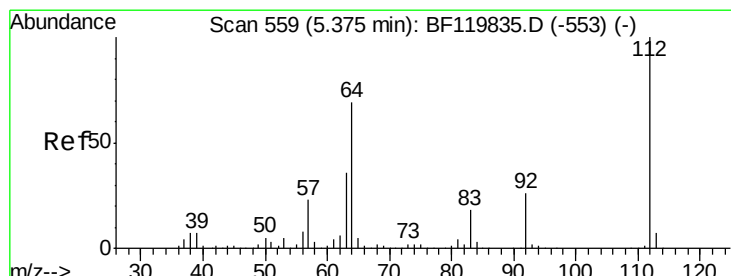
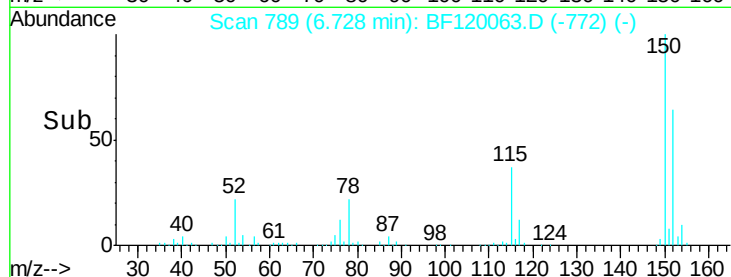
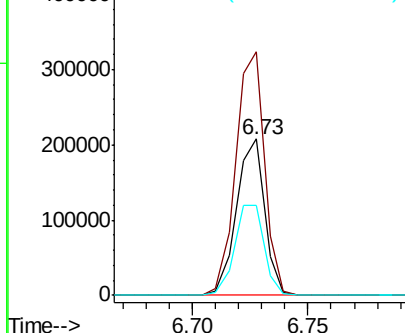
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF120063.D
Acq: 17 Apr 2020 17:03

Instrument :
BNA_F
ClientSampleId :
BG-5

Tot Ion:152 Resp: 177316
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 57.2 46.5 69.7



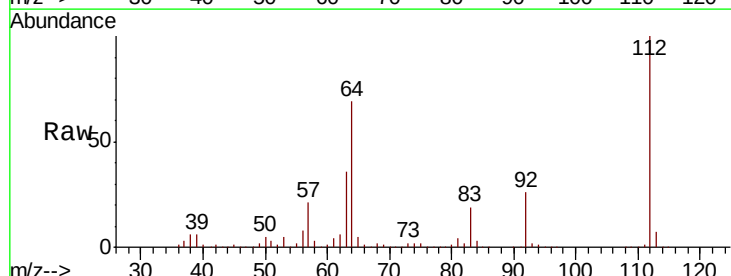
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



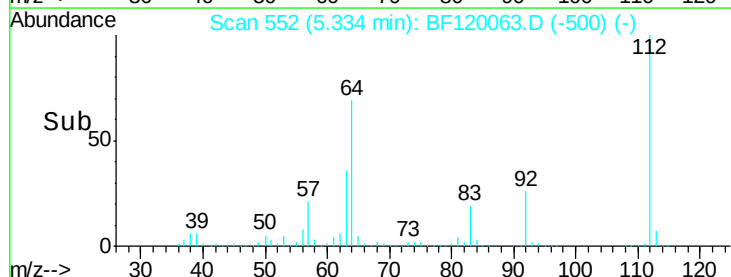
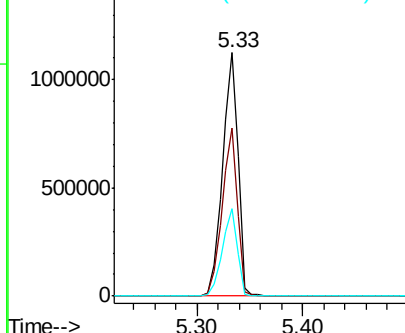
#5

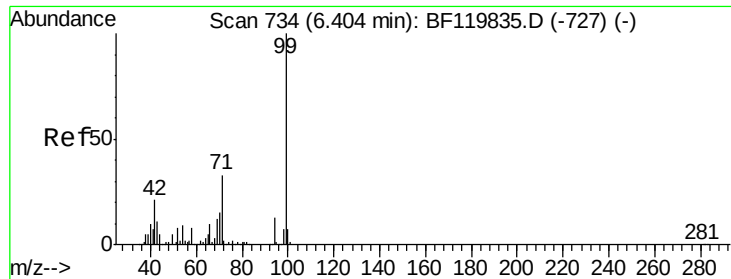
2-Fluorophenol
Concen: 112.498 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120063.D
Acq: 17 Apr 2020 17:03

Tgt Ion:112 Resp: 1154263
Ion Ratio Lower Upper
112 100
64 69.1 55.5 83.3
63 35.9 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: 110.974 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF120063.D

Acq: 17 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

BG-5

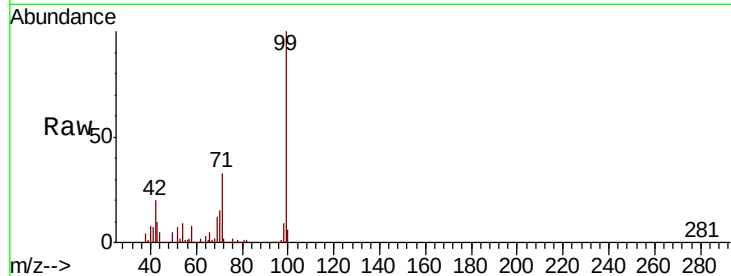
Tot Ion: 99 Resp: 1467163

Ion Ratio Lower Upper

99 100

42 19.6 16.9 25.3

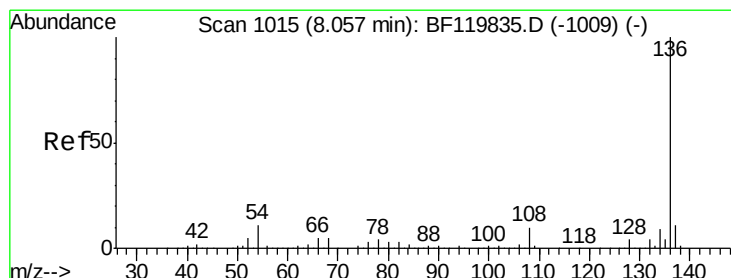
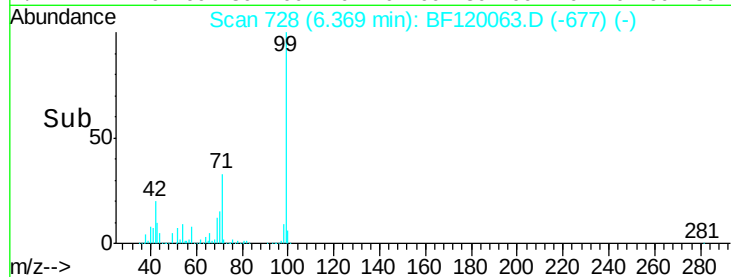
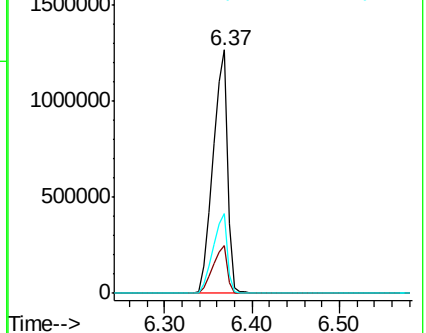
71 32.8 26.3 39.5



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: BF120063.D

Acq: 17 Apr 2020 17:03

Tgt Ion: 136 Resp: 656210

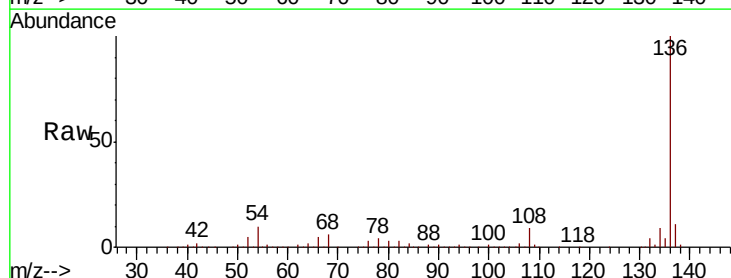
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.5 8.5 12.7

68 5.6 3.9 5.9

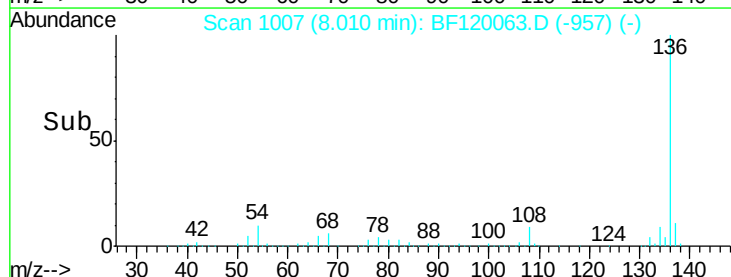
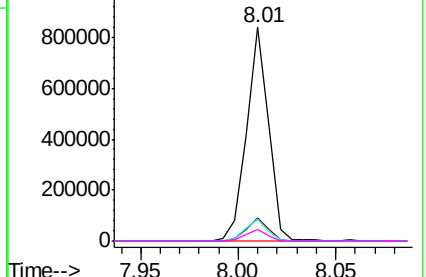


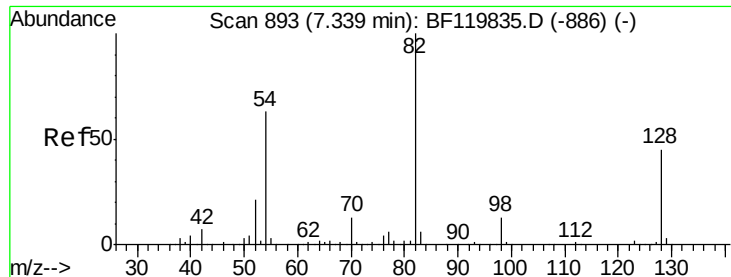
Abundance Ion 136.00 (135.70 to 136.70): E

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

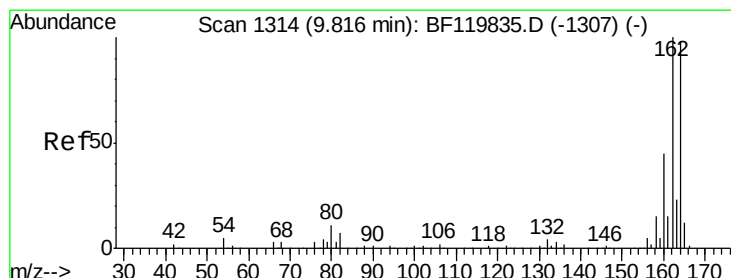
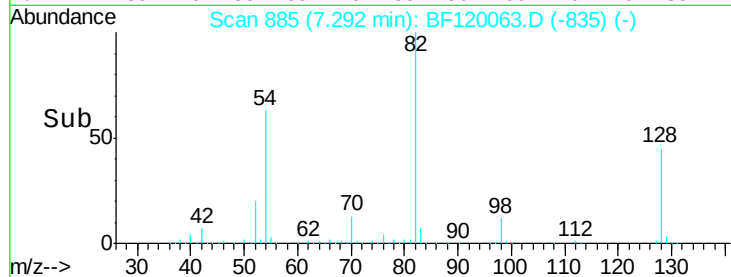
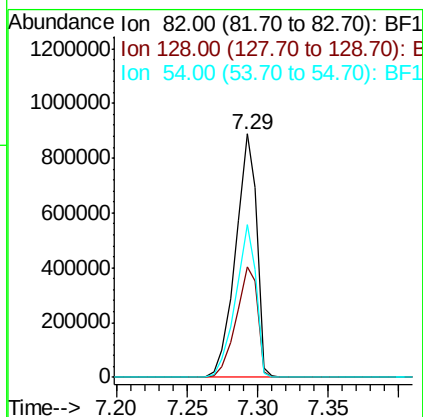
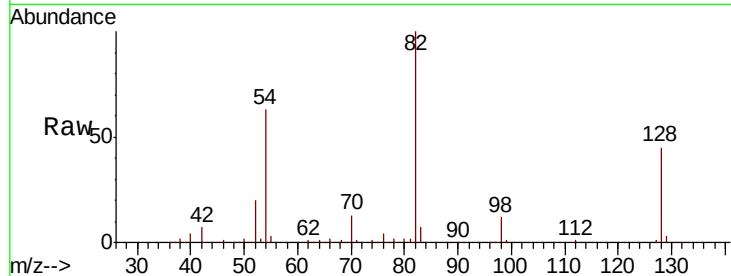




#23
 Nitrobenzene-d5
 Concen: 72.623 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

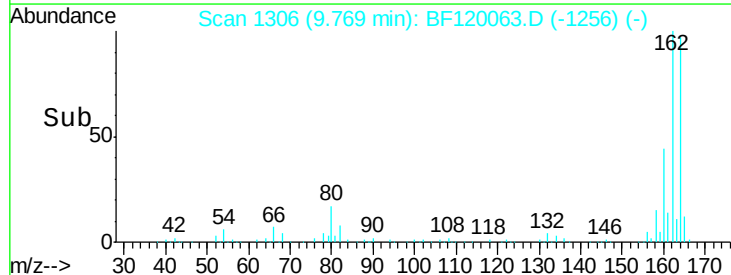
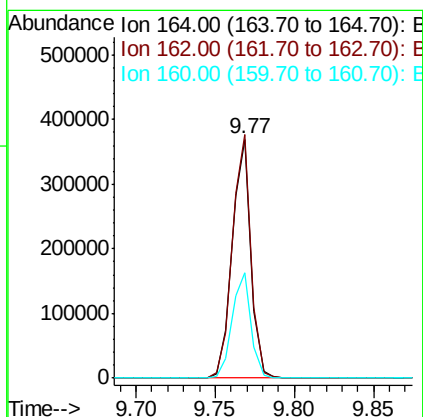
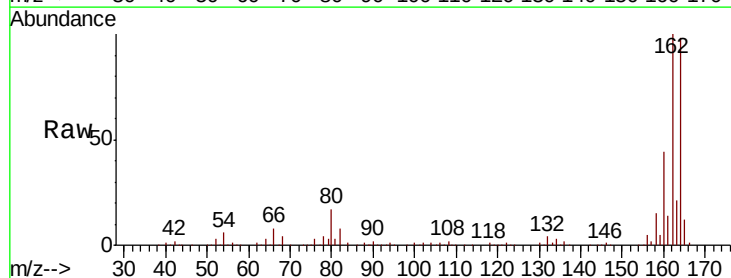
Instrument :
 BNA_F
 ClientSampled :
 BG-5

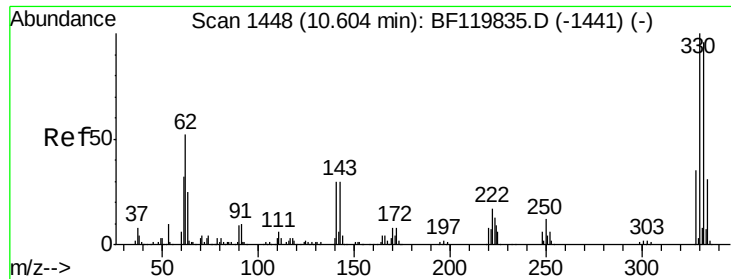
Tot Ion: 82 Resp: 921177
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.2 54.4
 54 62.8 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

Tgt Ion: 164 Resp: 300800
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.9 122.9
 160 44.4 36.6 54.8

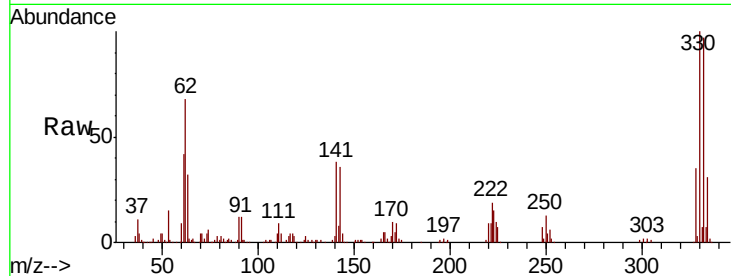




#42
 2,4,6-Tribromophenol
 Concen: 78.471 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 BG-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	34.8	25.1	37.7

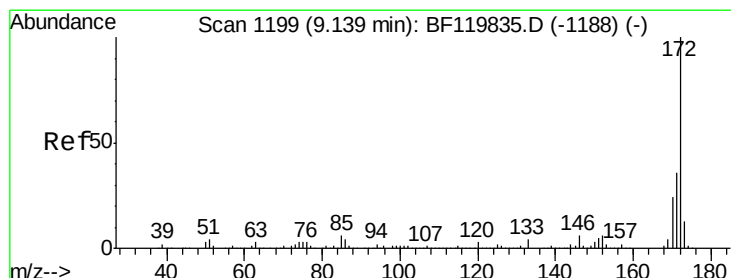
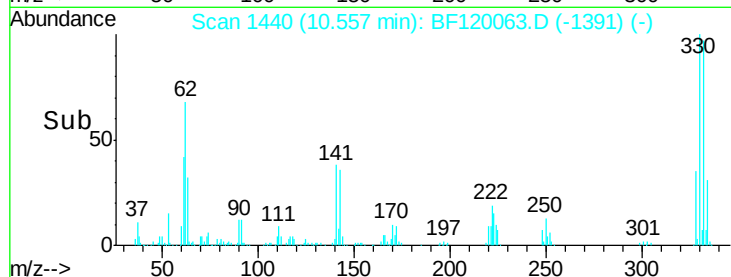
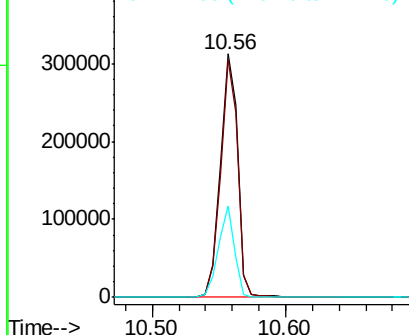


Abundance

Ion 329.80 (329.50 to 330.50): E

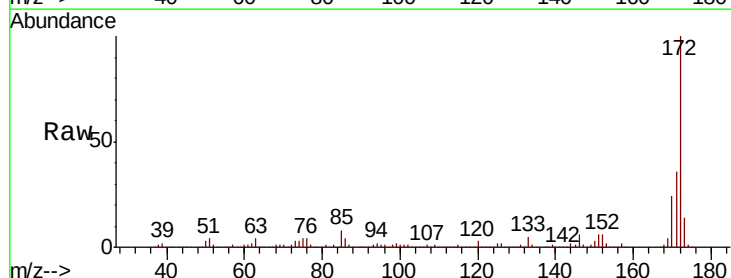
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.533 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.2	19.4	29.2

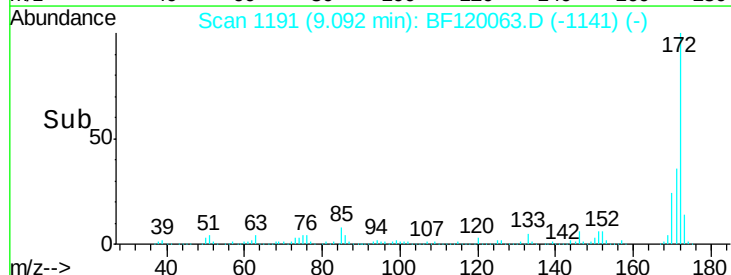
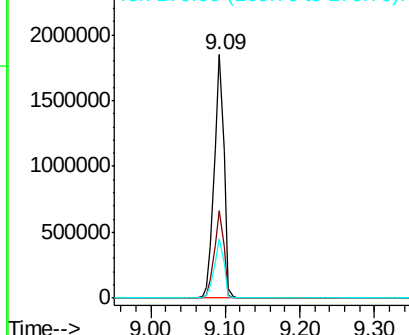


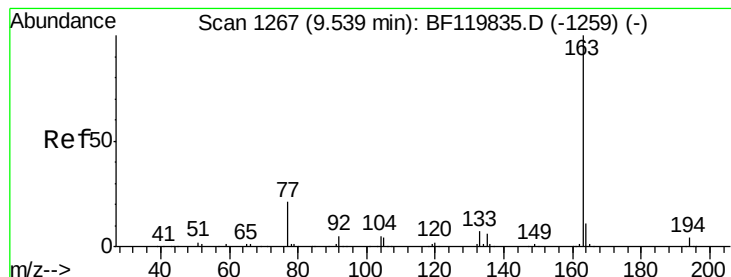
Abundance

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: 11.150 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120063.D

Acq: 17 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

BG-5

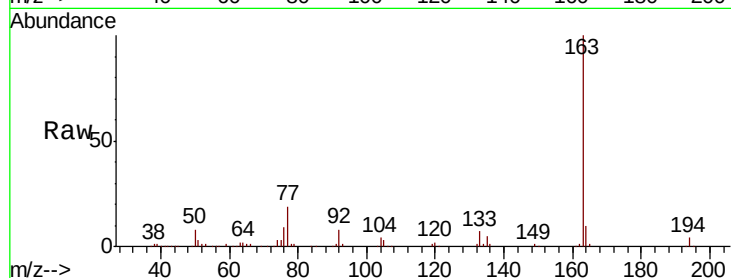
Tot Ion:163 Resp: 259417

Ion Ratio Lower Upper

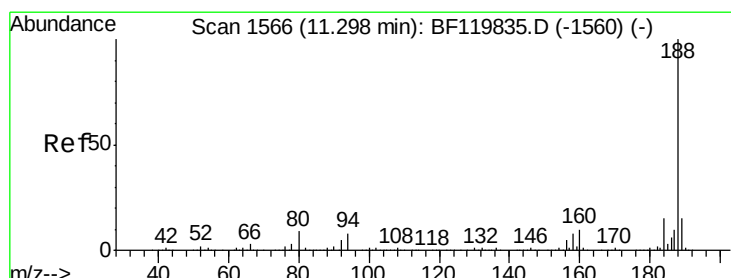
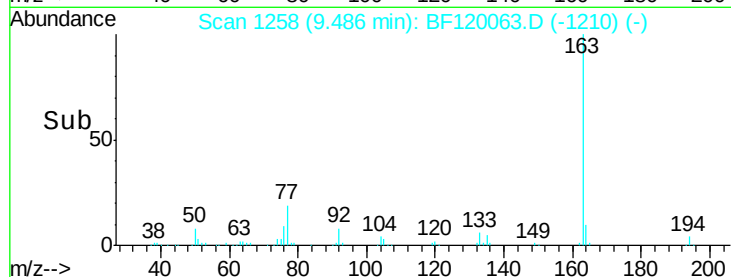
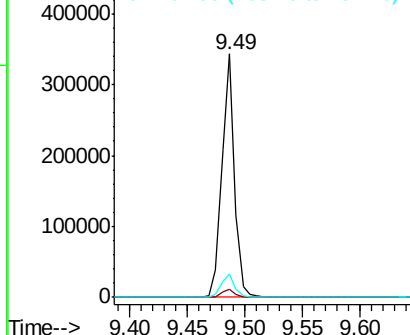
163 100

194 3.6 3.0 4.4

164 9.8 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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120063.D

Acq: 17 Apr 2020 17:03

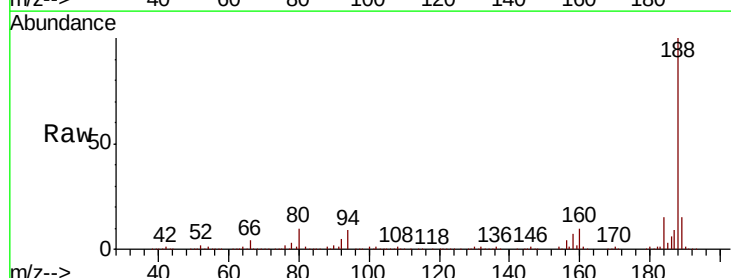
Tgt Ion:188 Resp: 446396

Ion Ratio Lower Upper

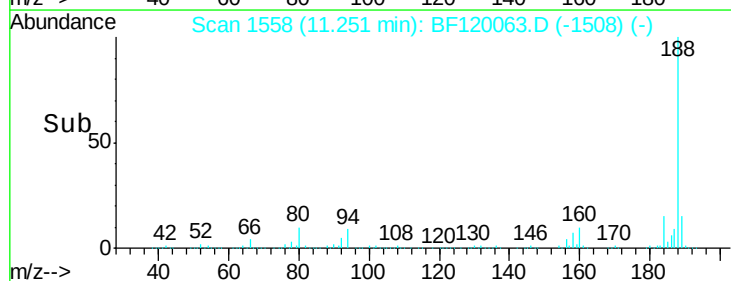
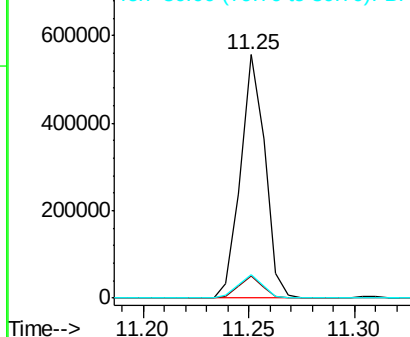
188 100

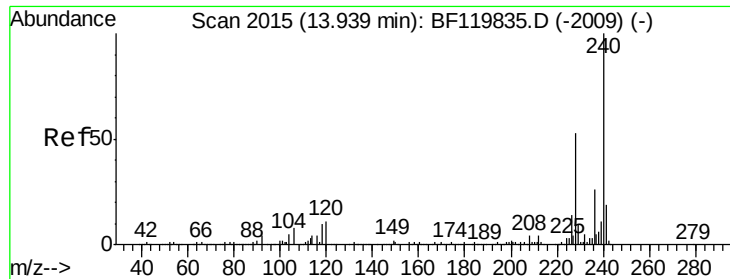
94 8.9 6.7 10.1

80 9.7 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

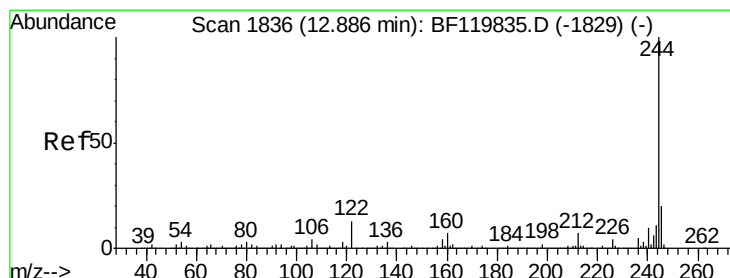
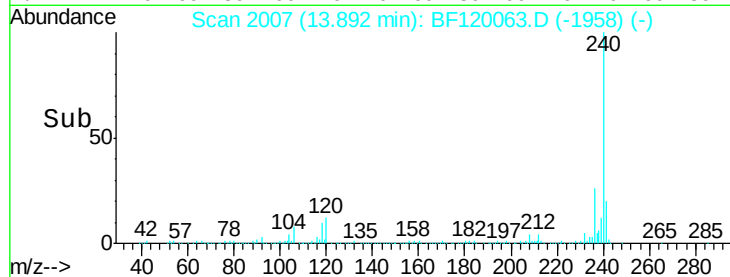
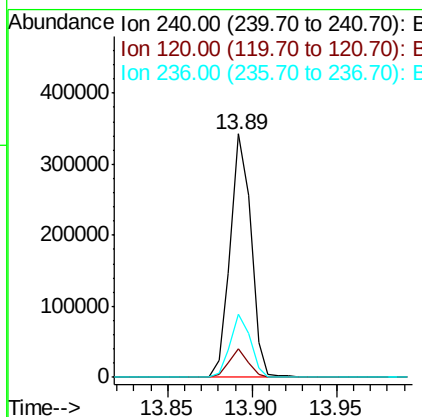
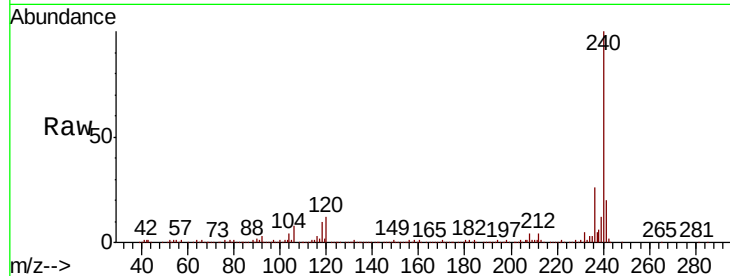




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

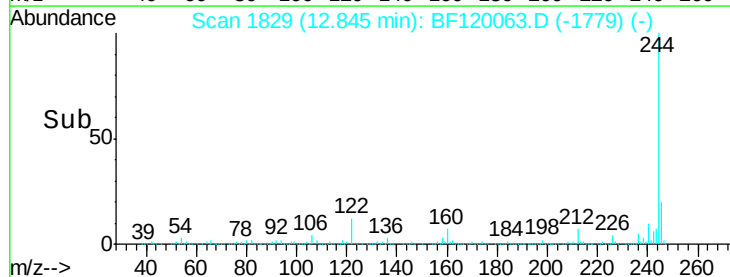
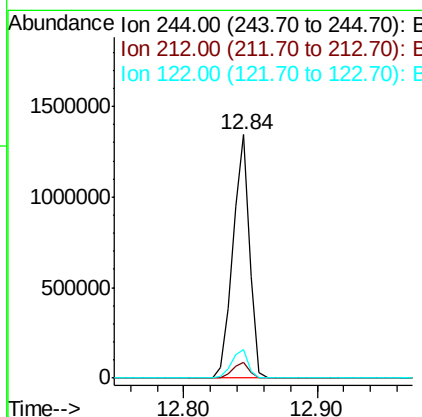
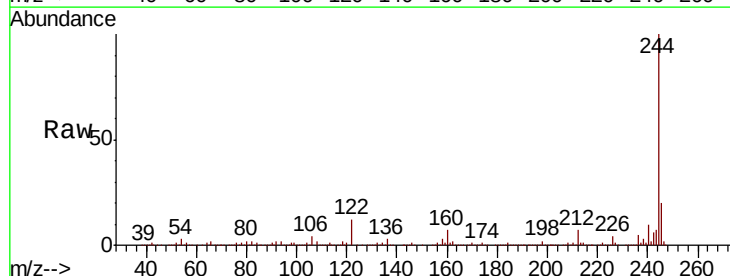
Instrument :
 BNA_F
 ClientSampleID :
 BG-5

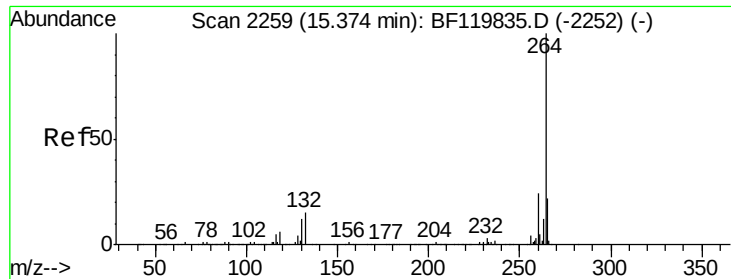
Tot Ion:240 Resp: 293441
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.0 13.6
 236 26.2 20.7 31.1



#79
 Terphenyl-d14
 Concen: 67.732 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

Tgt Ion:244 Resp: 1181188
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.8 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF120063.D
Acq: 17 Apr 2020 17:03

Instrument :
BNA_F
ClientSampleId :
BG-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.7	17.6	26.4

