

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 18 01:33:09 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

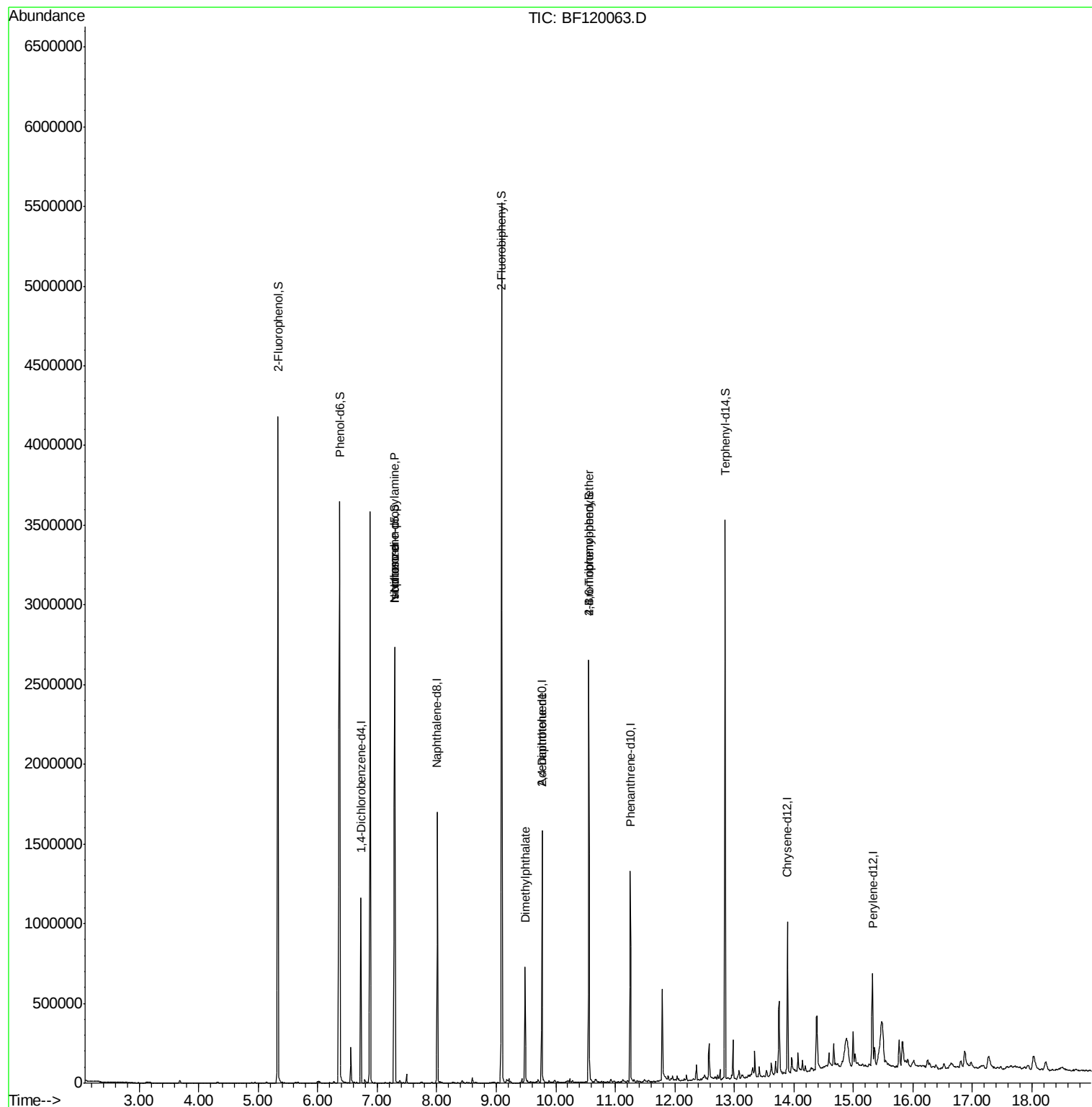
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	177316	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	656210	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	300800	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	446396	20.00	ng	0.00
76) Chrysene-d12	13.89	240	293441	20.00	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						
9) Benzaldehyde	6.27	77	2035	Below Cal		Qvalue # 85
19) n-Nitroso-di-n-propylamine	7.29	70	118787	13.972	ng	# 76
25) Isophorone	7.29	82	910583	37.240	ng	# 65
50) Dimethylphthalate	9.49	163	259417	11.150	ng	# 98
57) 2,4-Dinitrotoluene	9.77	165	38345	5.712	ng	# 23
67) 4-Bromophenyl-phenylether	10.56	248	18444	3.322	ng	# 1

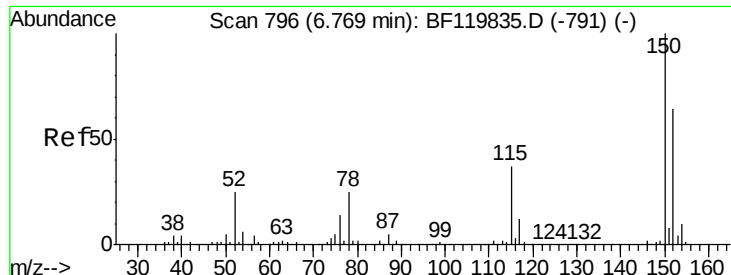
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 18 01:33:09 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



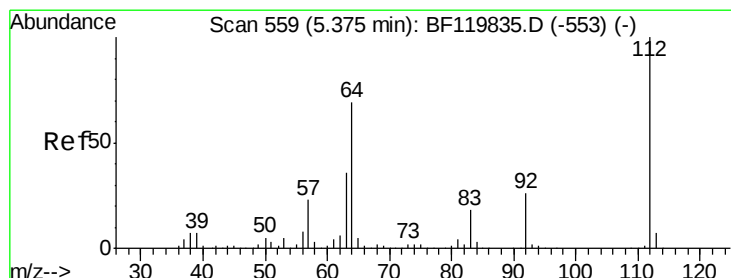
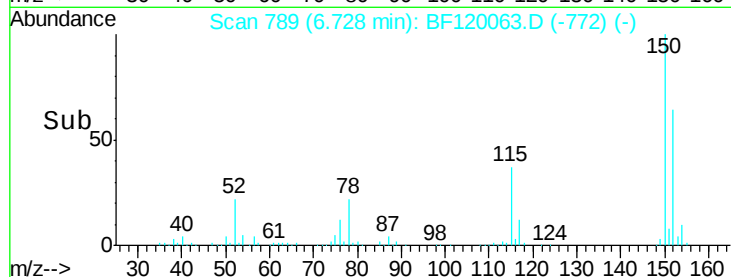
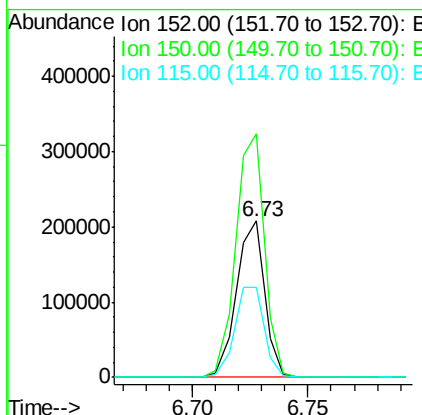
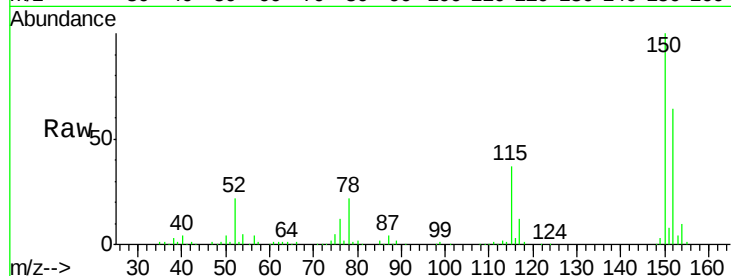


#1

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

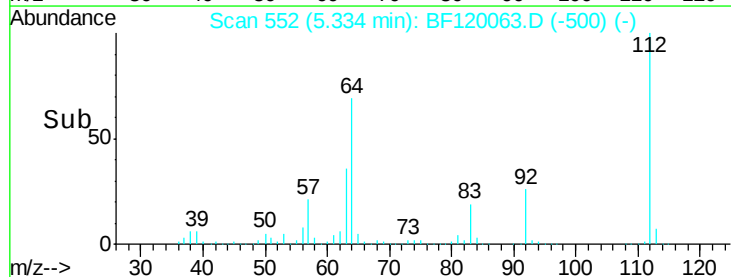
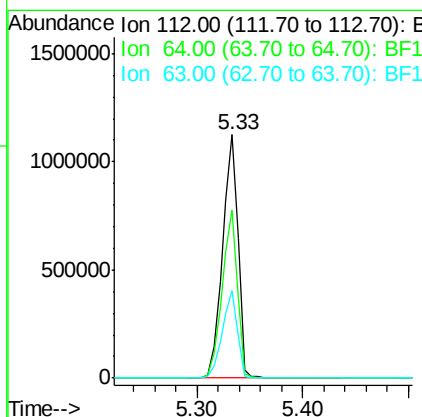
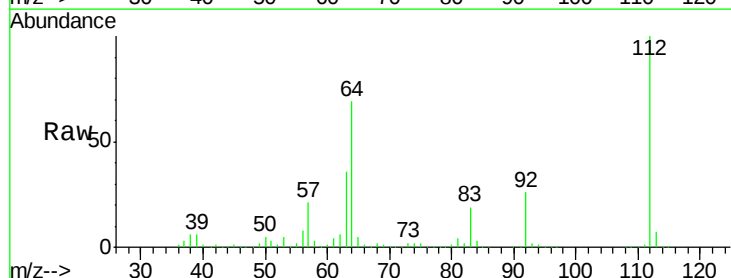
Tot Ion:152 Resp: 177316
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 57.2 46.5 69.7

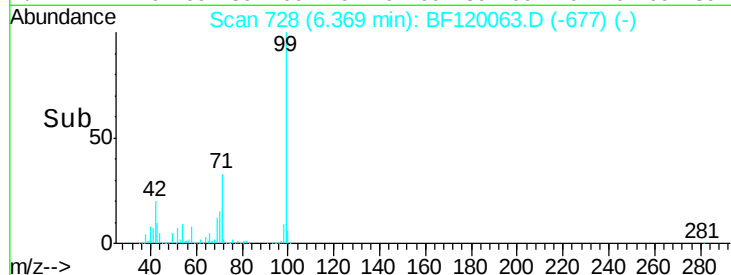
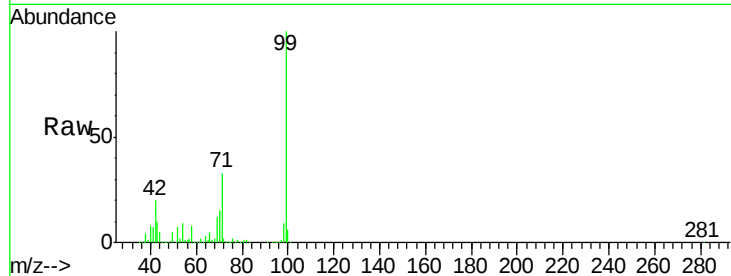


#5

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





#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

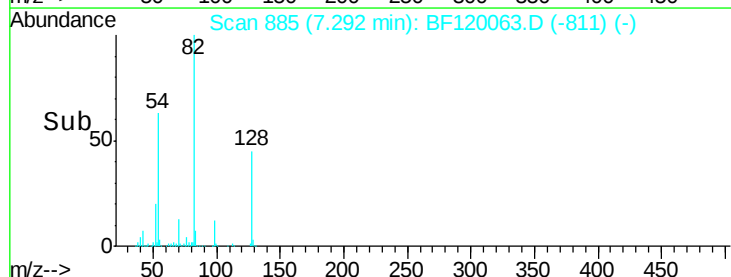
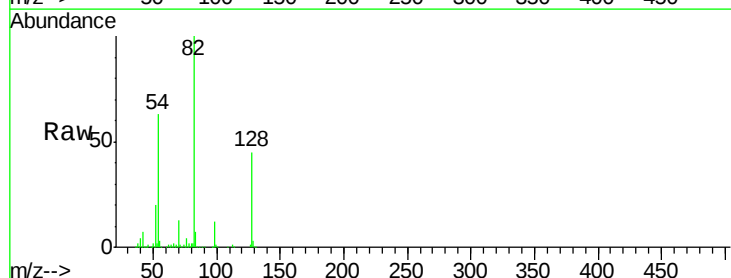
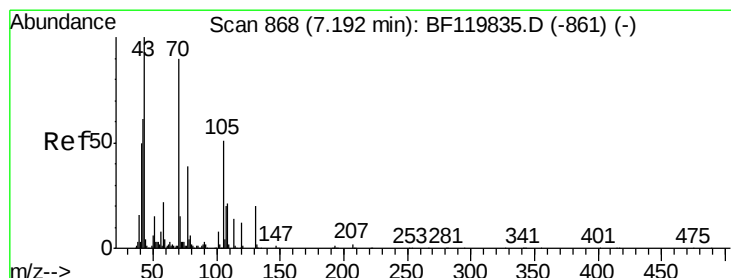
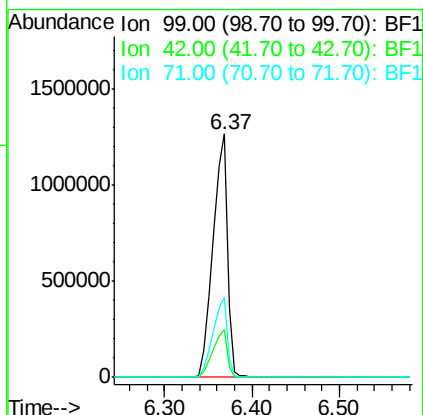
Tot Ion: 99 Resp: 1467163

Ion Ratio Lower Upper

99 100

42 19.6 16.9 25.3

71 32.8 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 13.972 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120063.D

Acq: 17 Apr 2020 17:03

Tgt Ion: 70 Resp: 118787

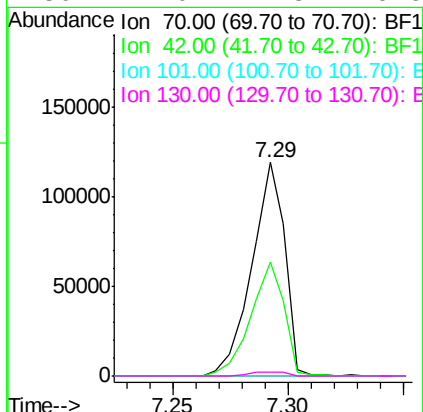
Ion Ratio Lower Upper

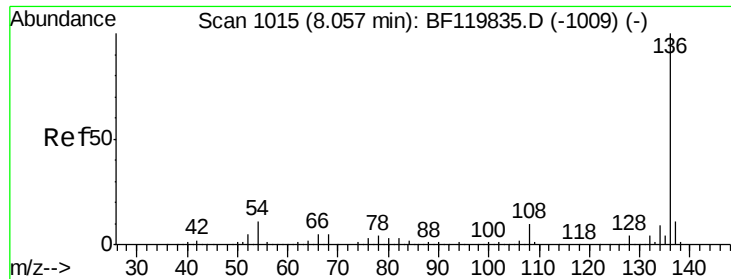
70 100

42 53.4 54.2 81.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.6#

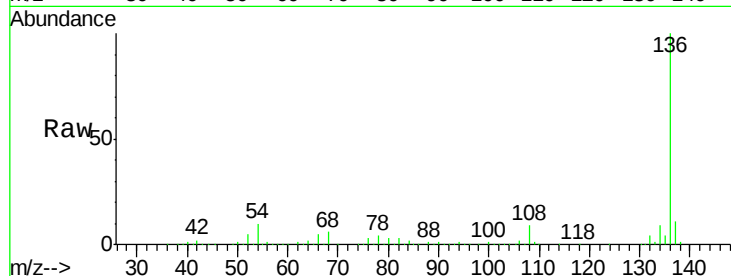




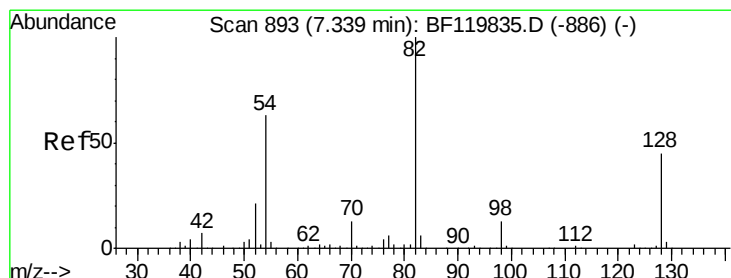
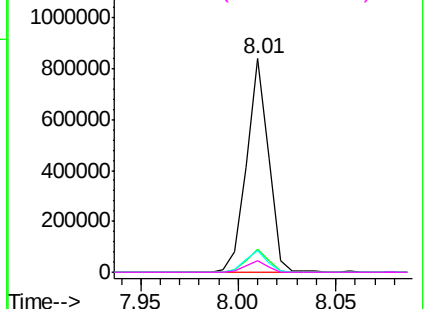
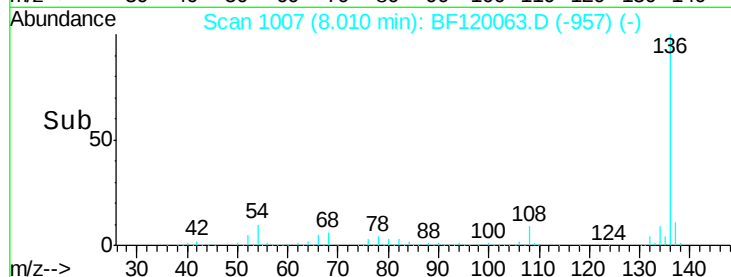
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120063.D
Acq: 17 Apr 2020 17:03

Instrument :
BNA_F
ClientSampleId :
BG-5

Tot 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

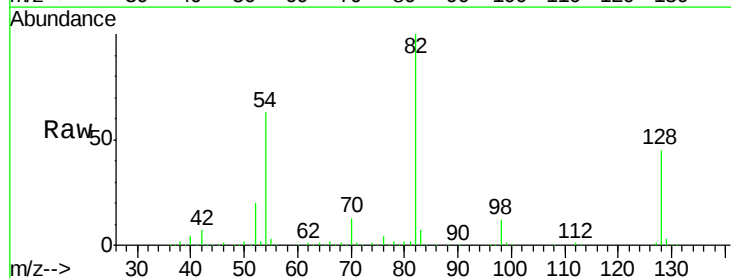


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

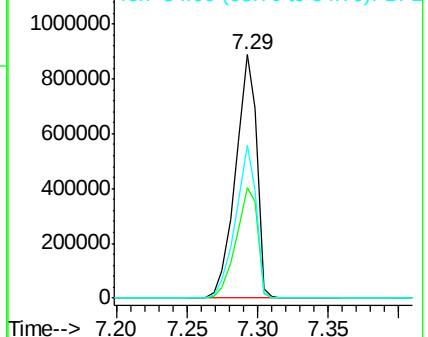
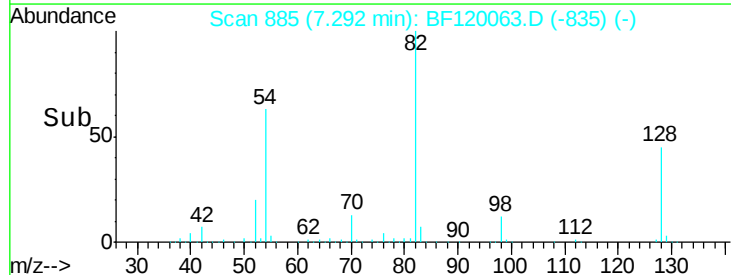


#23
Nitrobenzene-d5
Concen: 72.623 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120063.D
Acq: 17 Apr 2020 17:03

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



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





#25

Isophorone

Concen: 37.240 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF120063.D

Acq: 17 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

BG-5

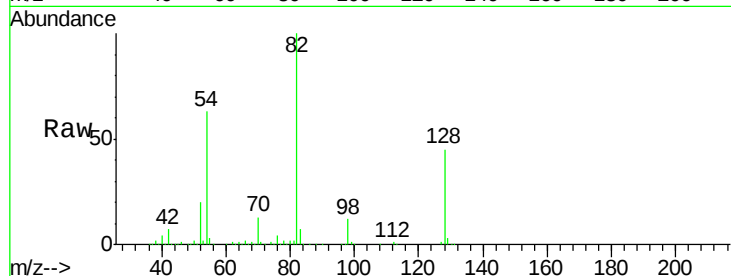
Tot Ion: 82 Resp: 910583

Ion Ratio Lower Upper

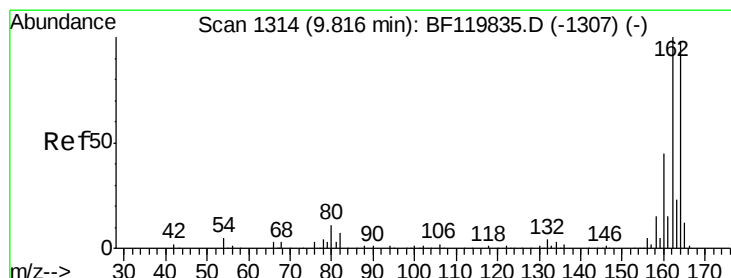
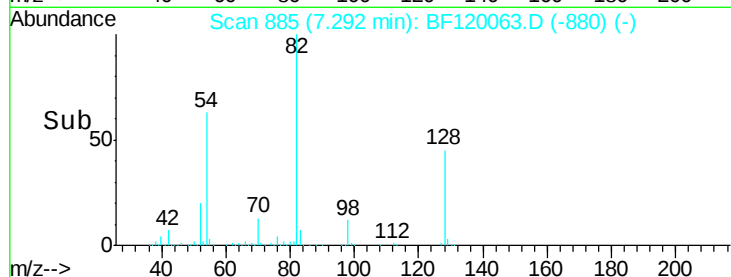
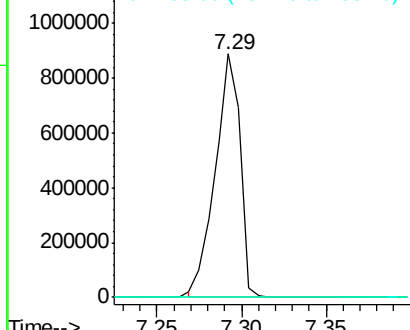
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#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

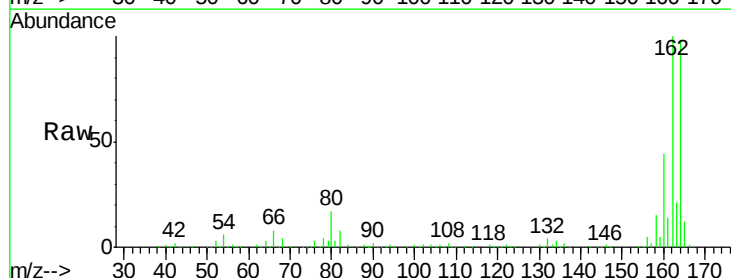
Tgt Ion:164 Resp: 300800

Ion Ratio Lower Upper

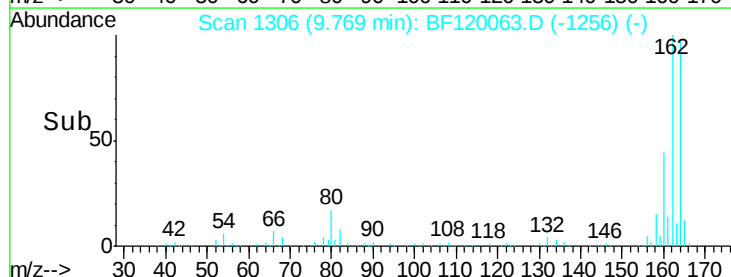
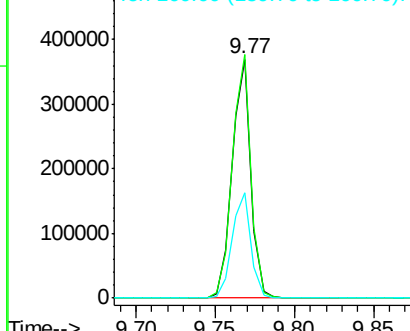
164 100

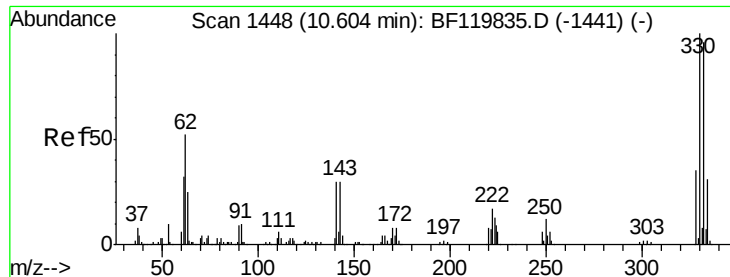
162 102.0 81.9 122.9

160 44.4 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

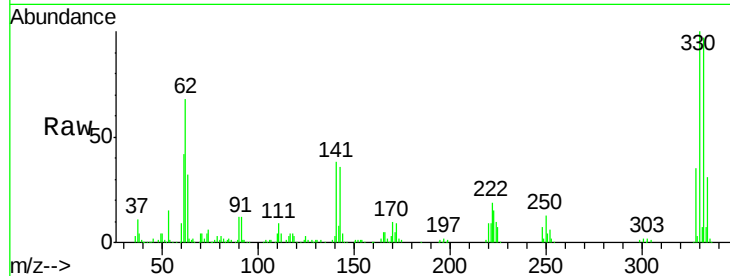




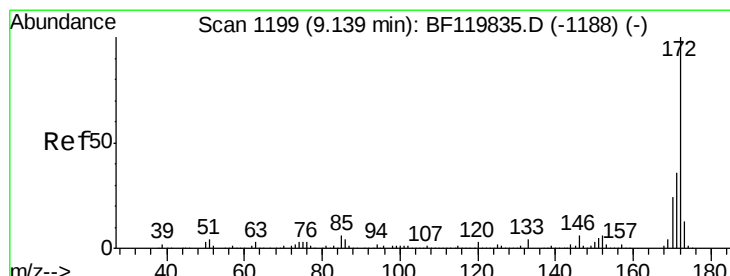
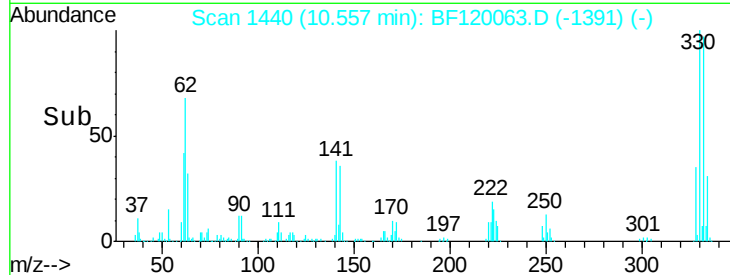
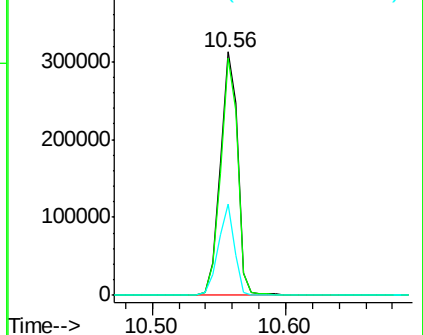
#42
 2,4,6-Tribromophenol
 Concen: 78.471 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

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

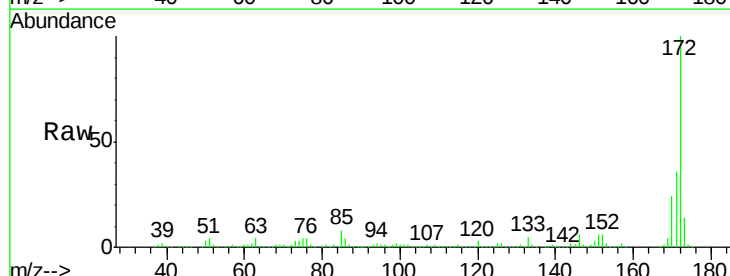


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

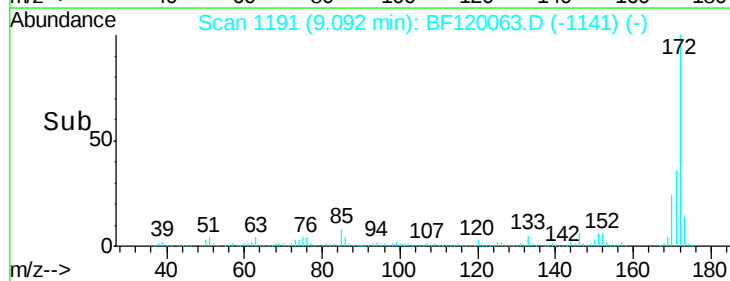
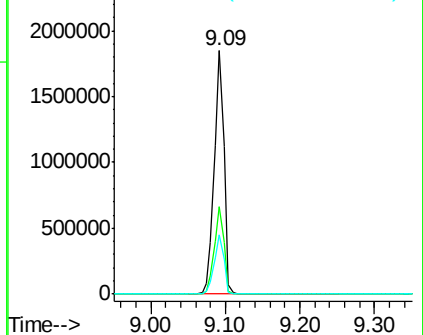


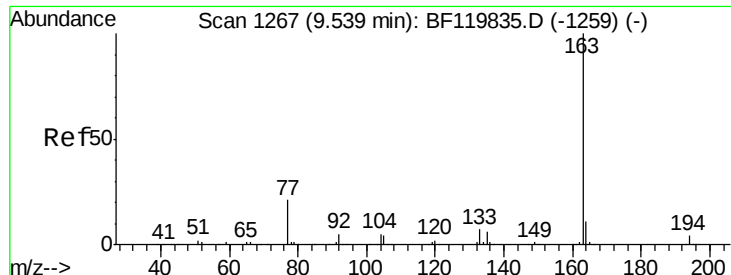
#45
 2-Fluorobiphenyl
 Concen: 78.533 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

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

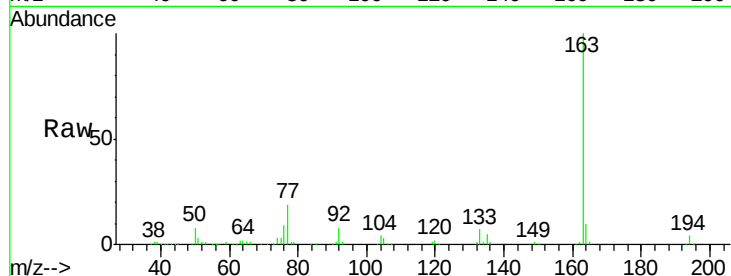
Tot Ion:163 Resp: 259417

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

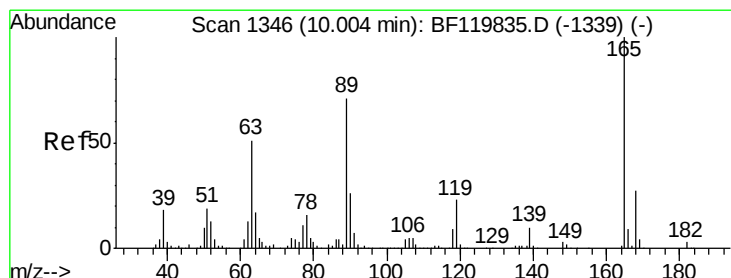
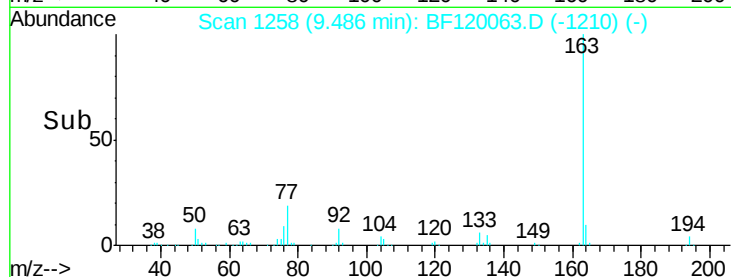
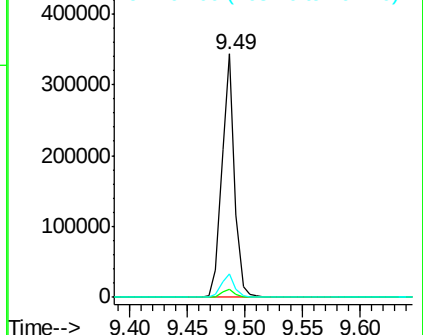
164 9.8 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.712 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.20 min

Lab File: BF120063.D

Acq: 17 Apr 2020 17:03

Tgt Ion:165 Resp: 38345

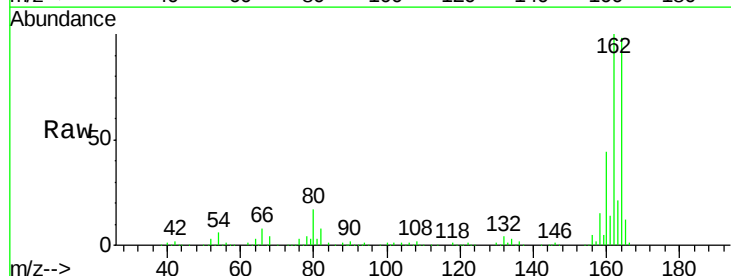
Ion Ratio Lower Upper

165 100

63 1.2 40.8 61.2#

89 1.8 56.9 85.3#

182 0.0 2.0 3.0#

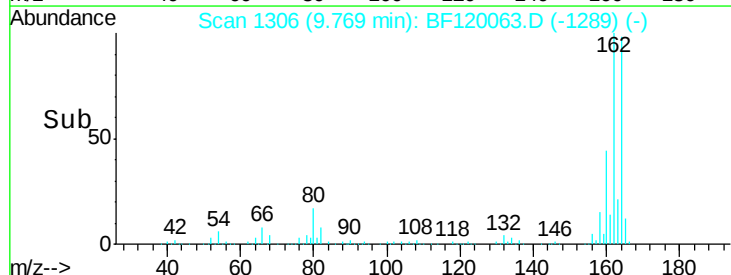
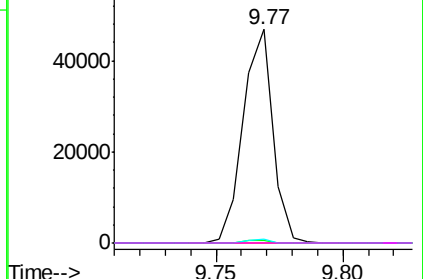


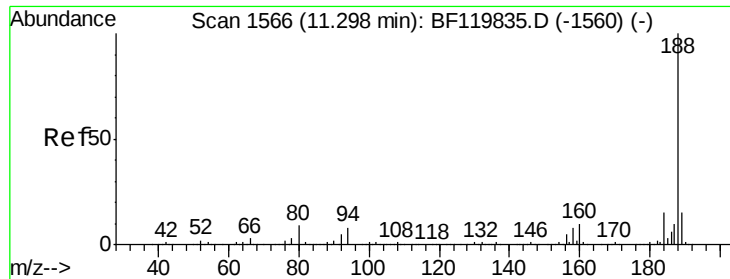
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

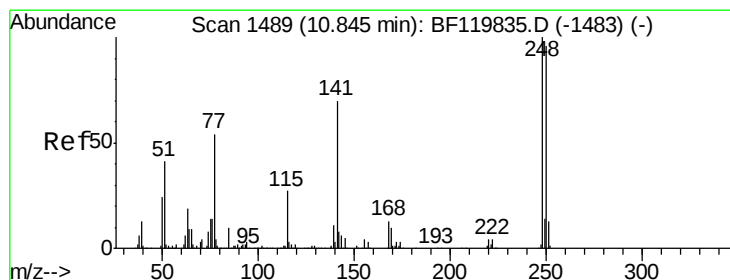
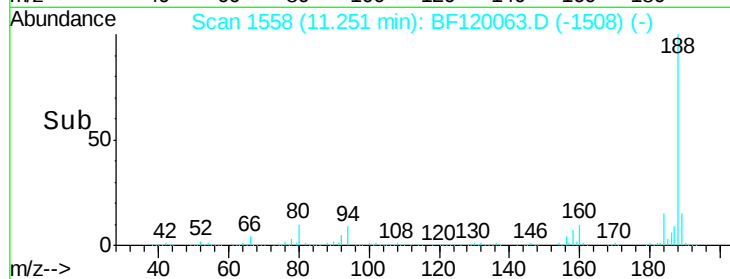
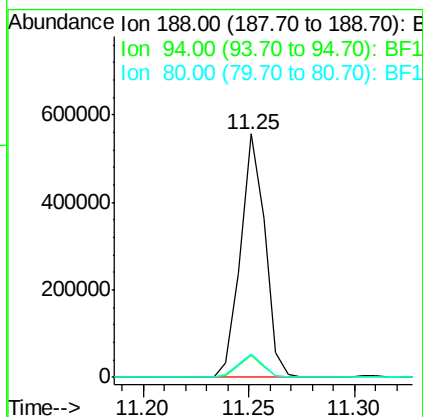
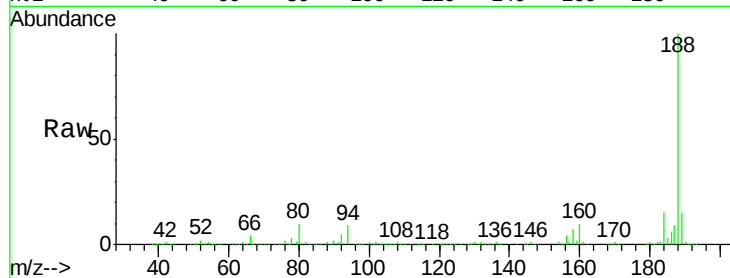




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

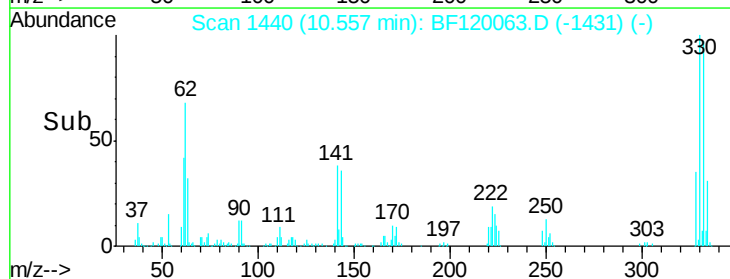
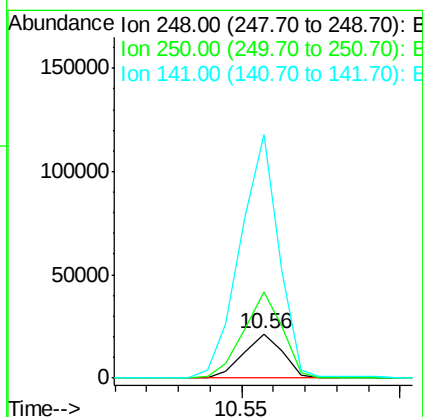
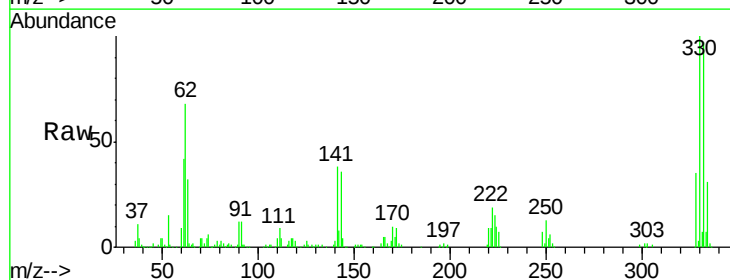
Instrument :
 BNA_F
 ClientSampleId :
 BG-5

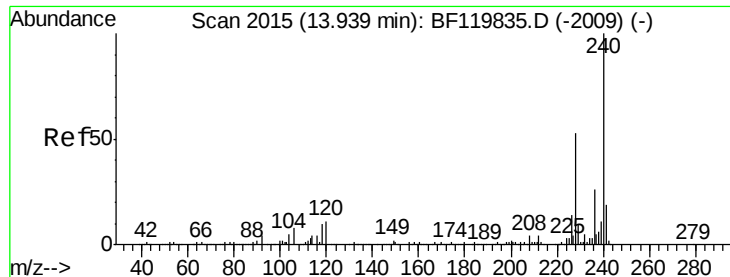
Tot Ion:188 Resp: 446396
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.7 10.1
 80 9.7 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.322 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

Tgt Ion:248 Resp: 18444
 Ion Ratio Lower Upper
 248 100
 250 194.8 76.6 114.8#
 141 548.3 55.9 83.9#

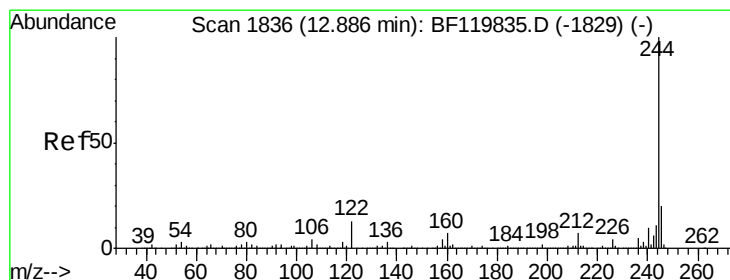
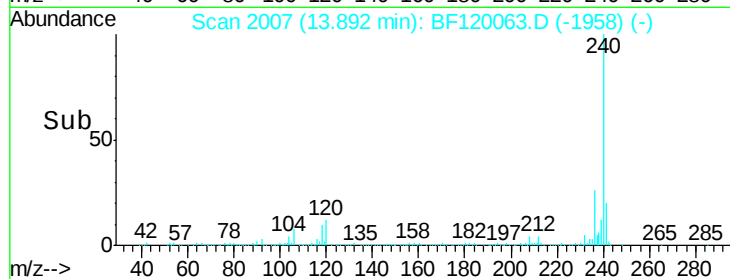
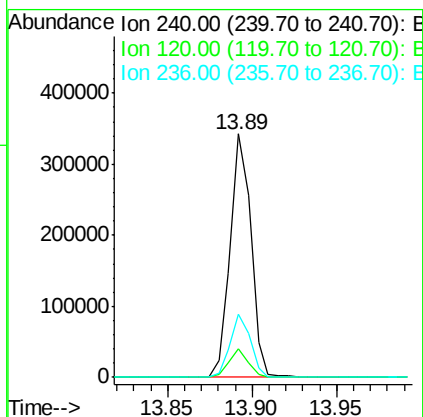
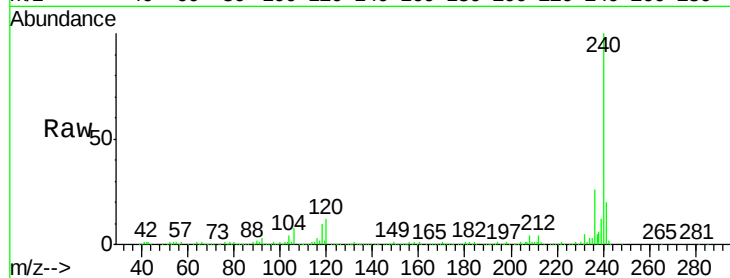




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

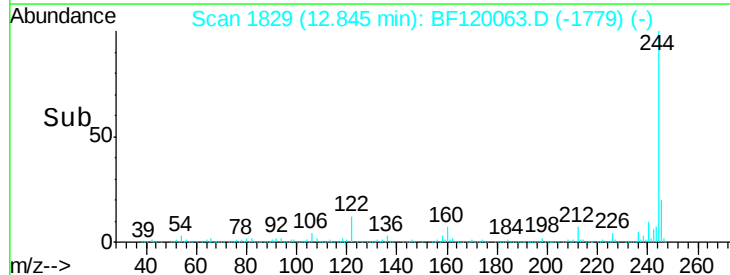
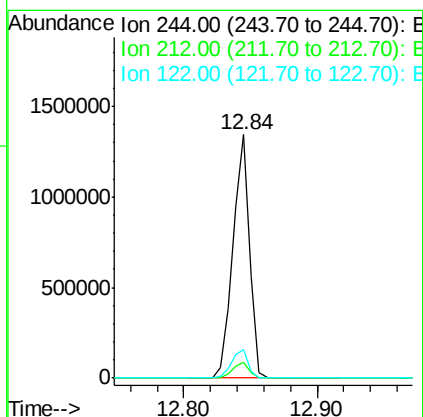
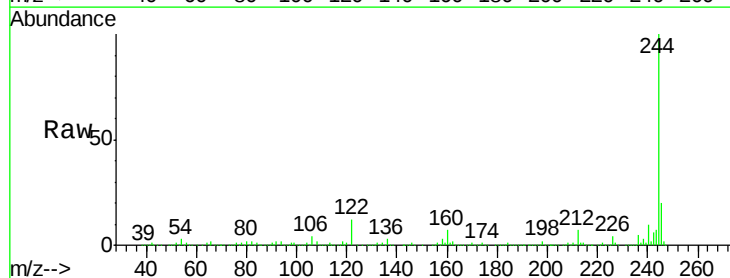
Instrument :
 BNA_F
 ClientSampleID :
 BG-5

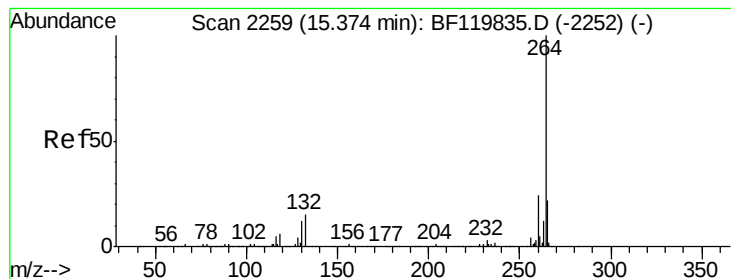
Tot Ion:240 Resp: 293441
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.0 13.6
 236 26.2 20.7 31.1



#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: 264 Resp: 261251

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.7 17.6 26.4

