

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 :

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

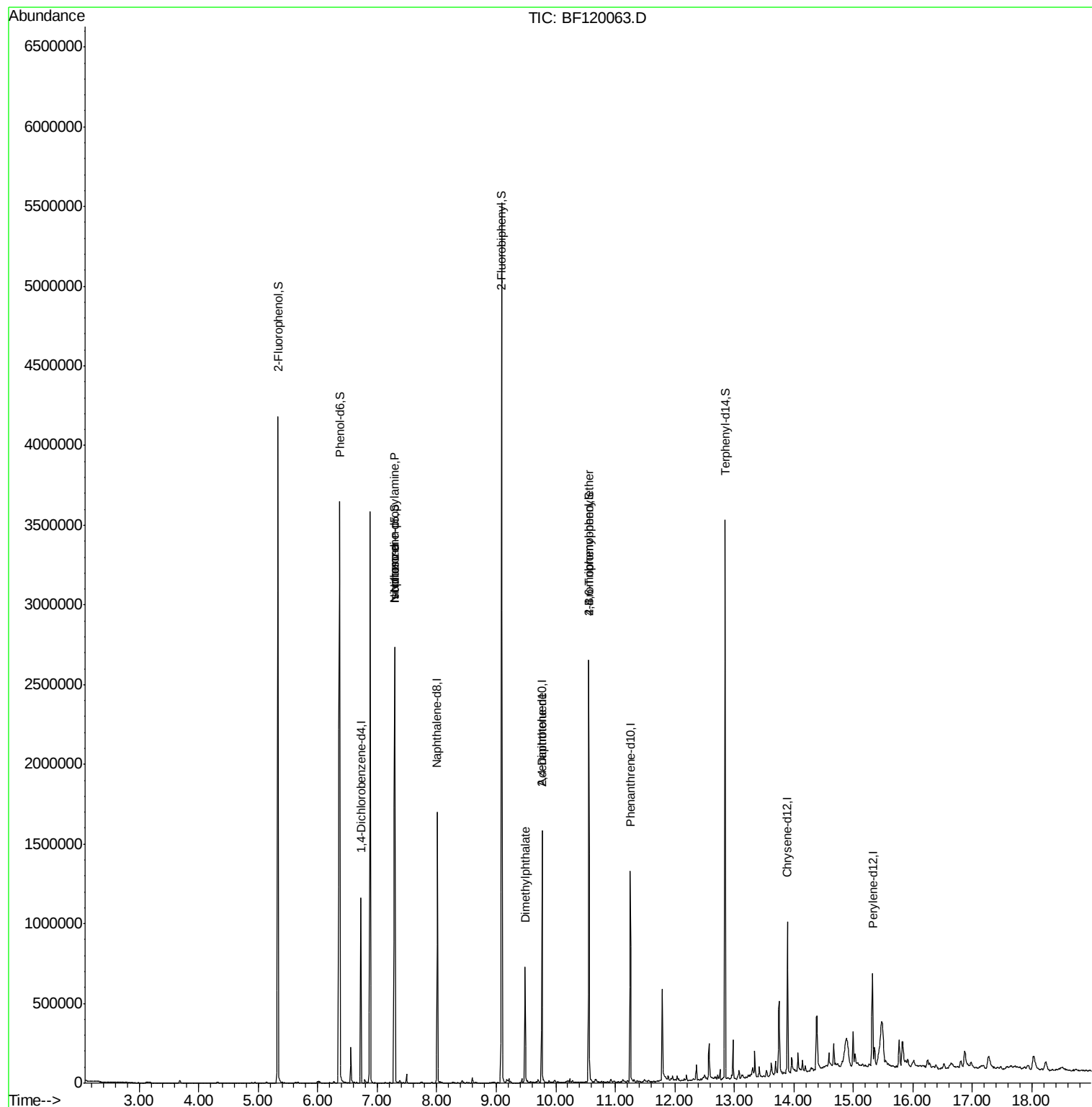
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	177316	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	656210	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	300800	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	446396	20.00	ng	0.00
76) Chrysene-d12	13.89	240	293441	20.00	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

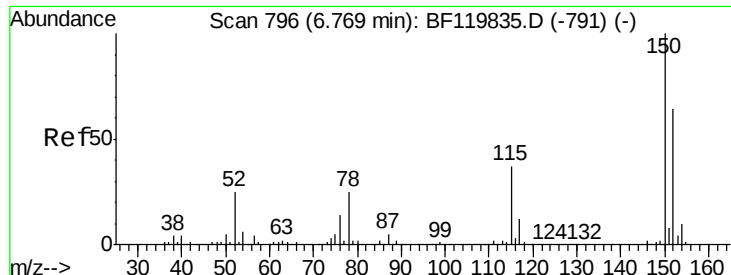
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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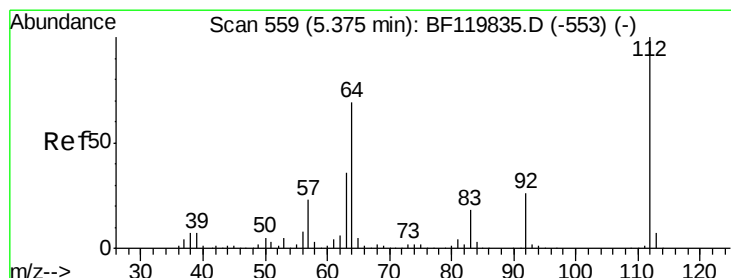
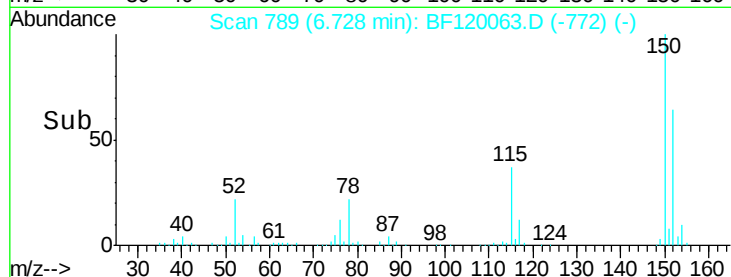
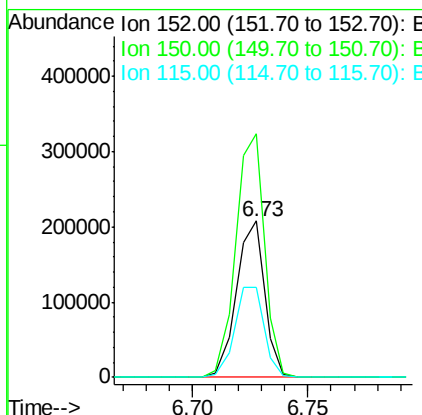
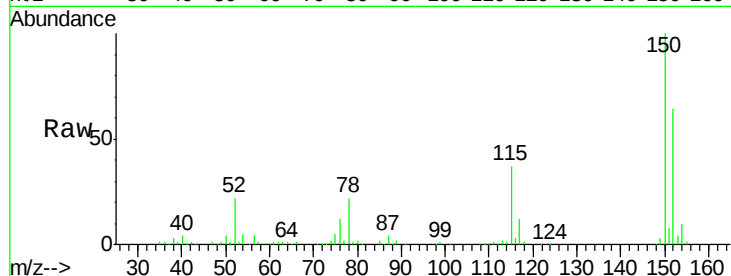




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

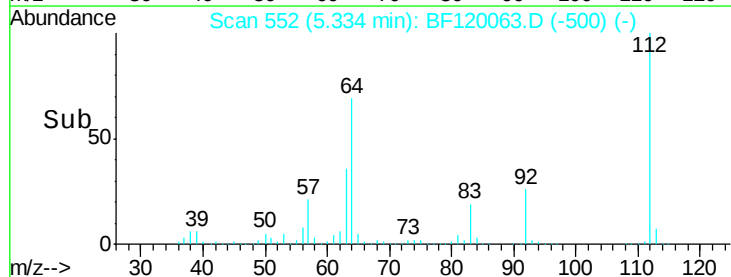
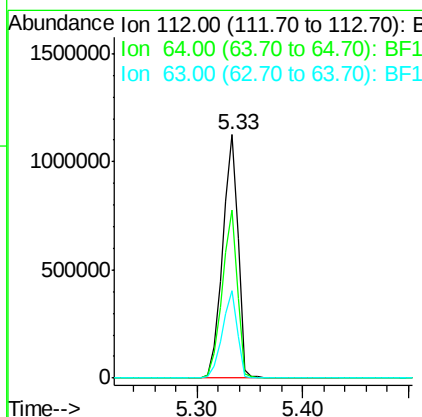
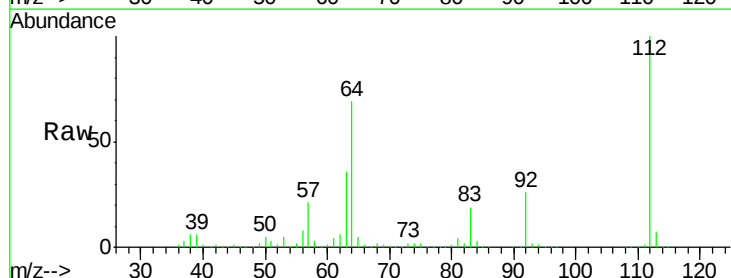
Instrument :
 BNA_F
 ClientSampleId :

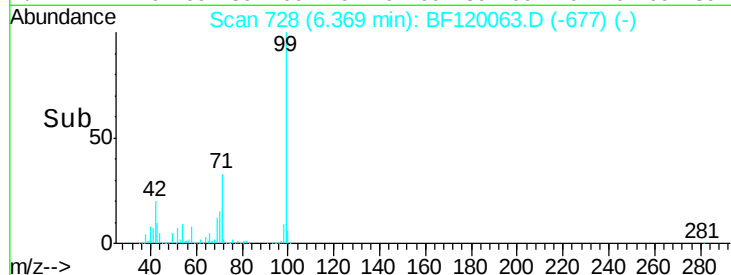
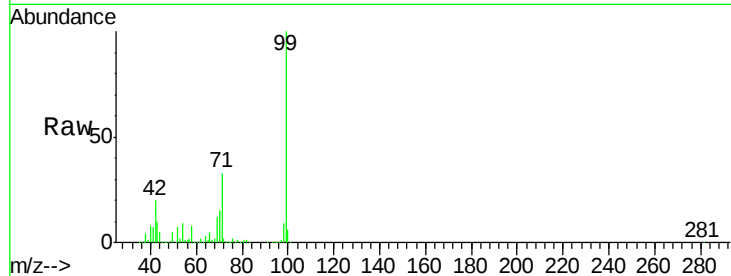
Tot Ion:152 Resp: 177316
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.8 187.2
 115 57.2 46.5 69.7



#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 :

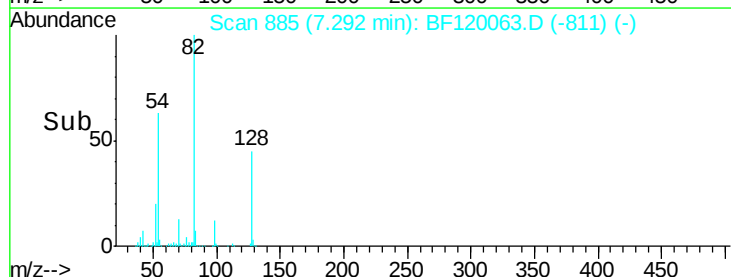
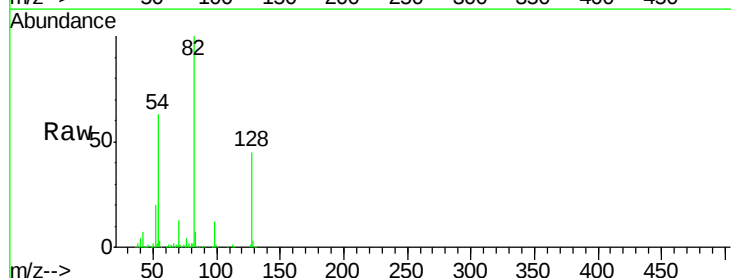
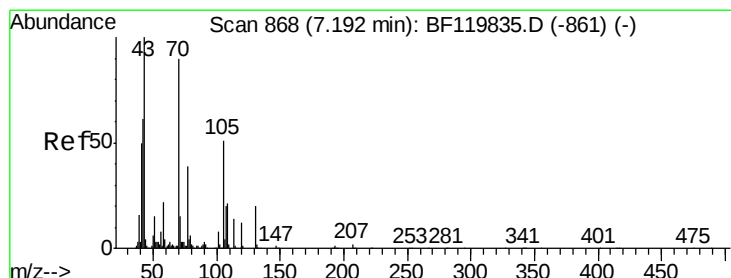
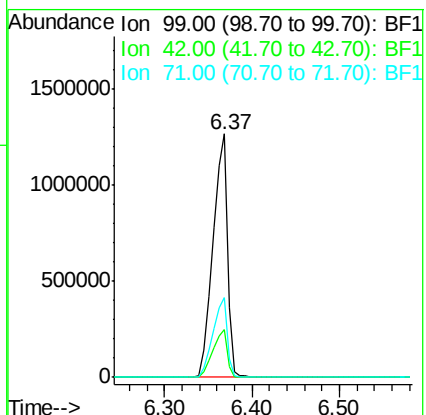
Tot Ion: 99 Resp: 1467163

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

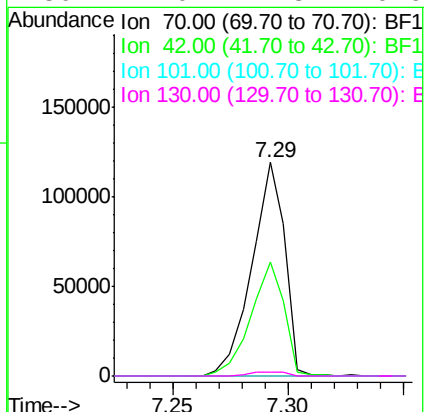
Ion Ratio Lower Upper

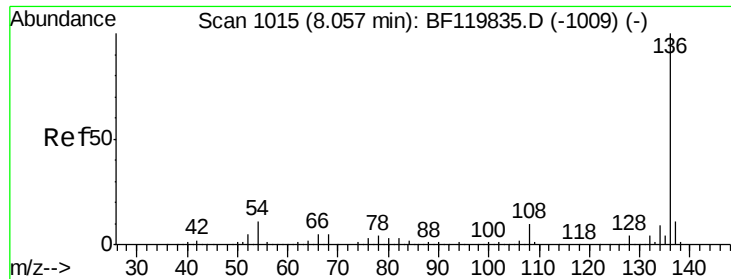
70 100

42 53.4 54.2 81.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.6#

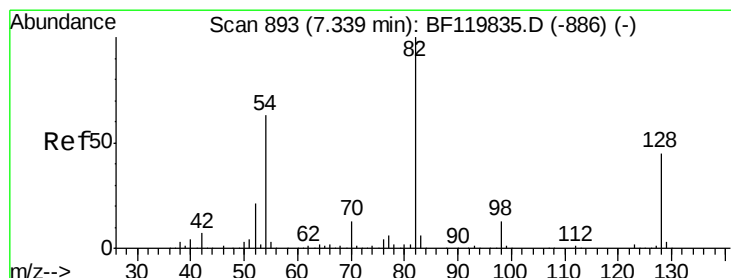
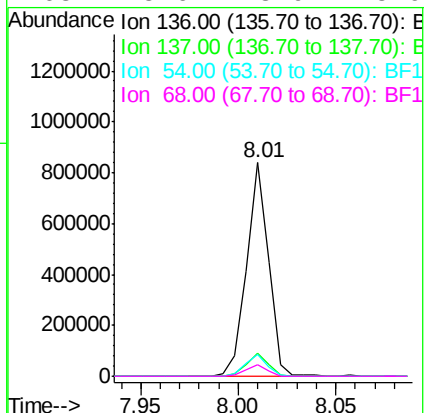
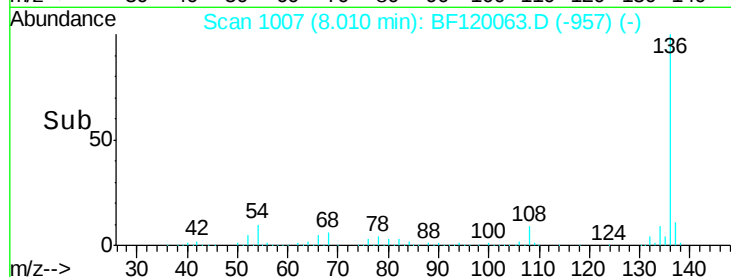
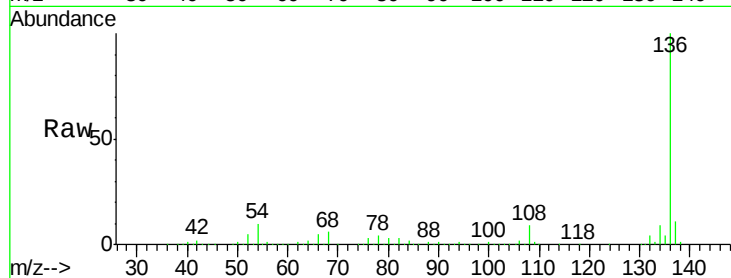




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120063.D
Acq: 17 Apr 2020 17:03

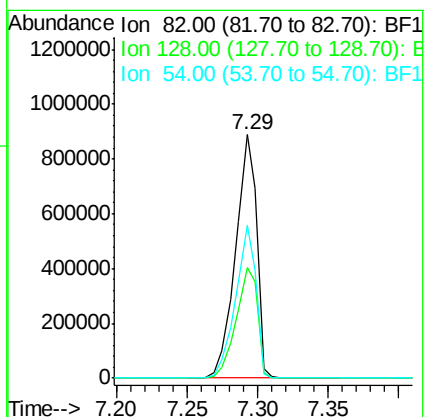
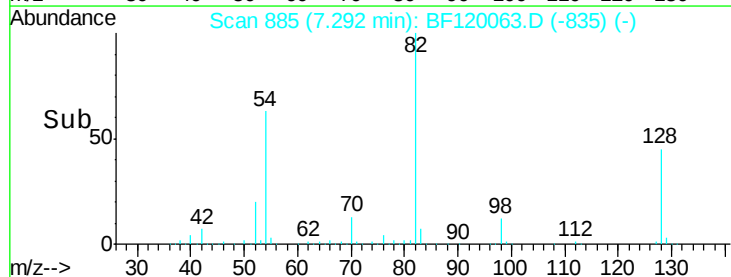
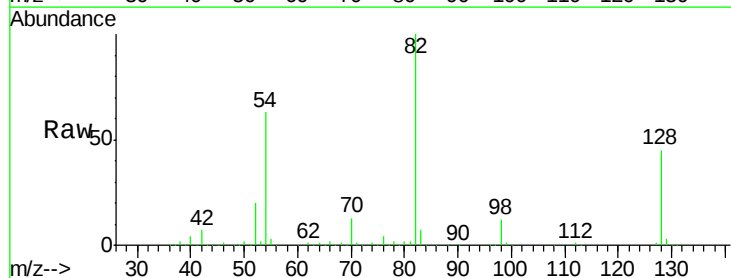
Instrument :
BNA_F
ClientSampleId :

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	



#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





#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 :

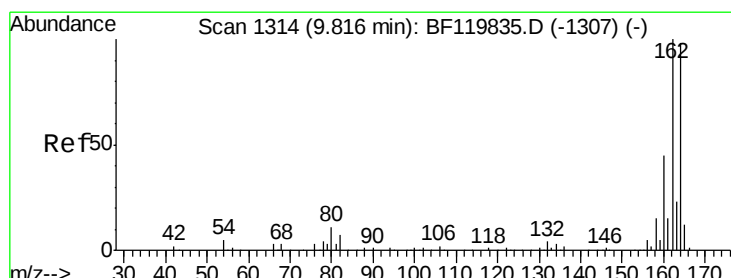
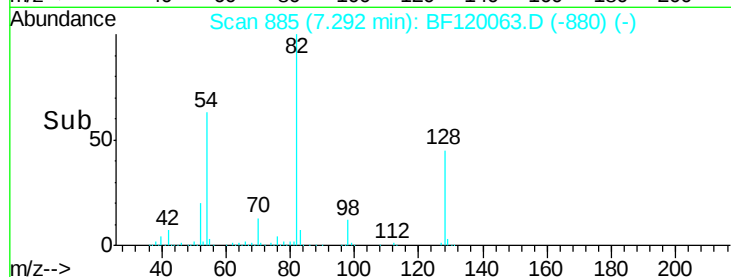
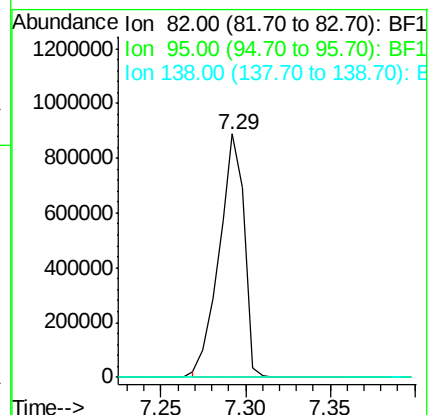
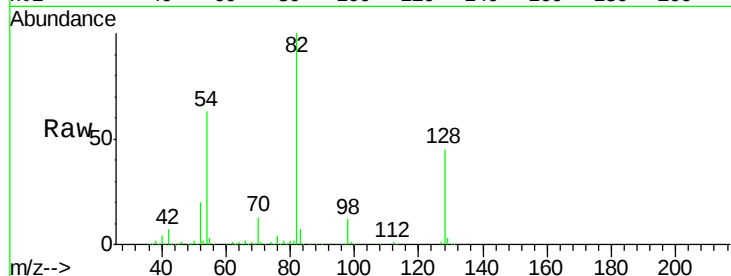
Tot Ion: 82 Resp: 910583

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



#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

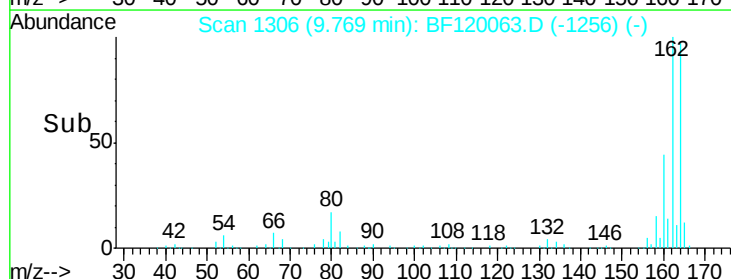
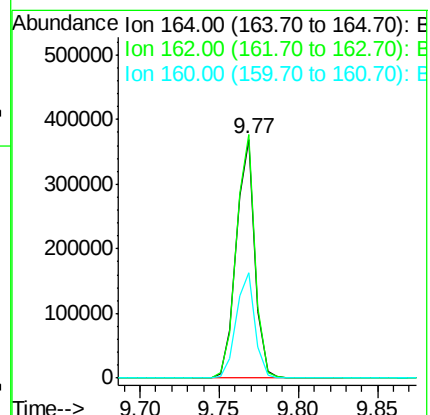
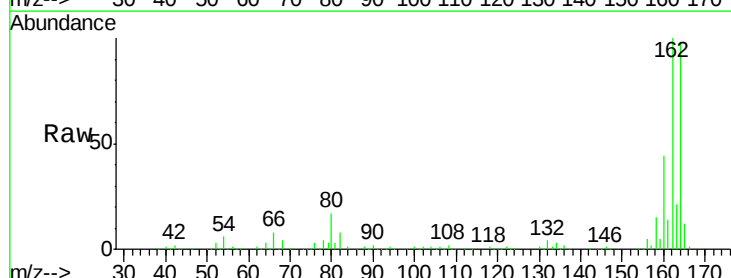
Tgt Ion:164 Resp: 300800

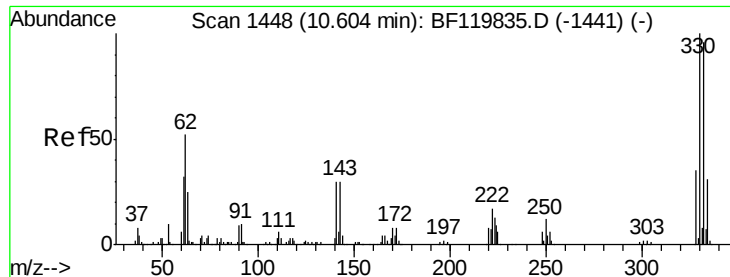
Ion Ratio Lower Upper

164 100

162 102.0 81.9 122.9

160 44.4 36.6 54.8

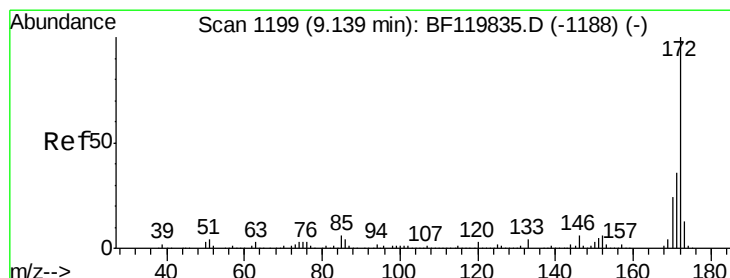
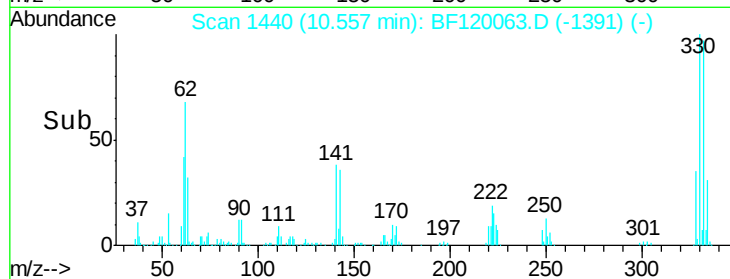
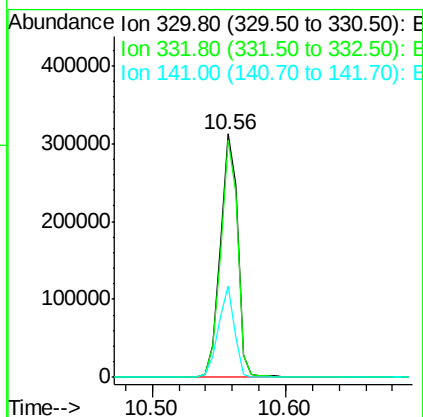
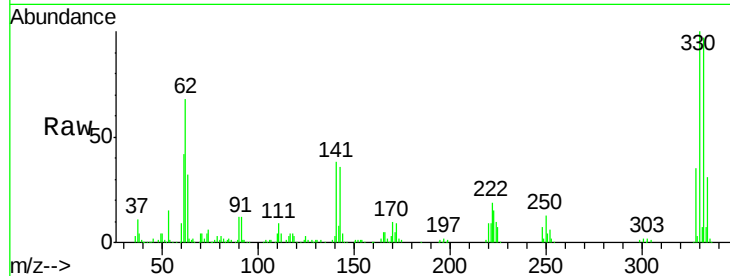




#42
 2,4,6-Tribromophenol
 Concen: 78.471 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

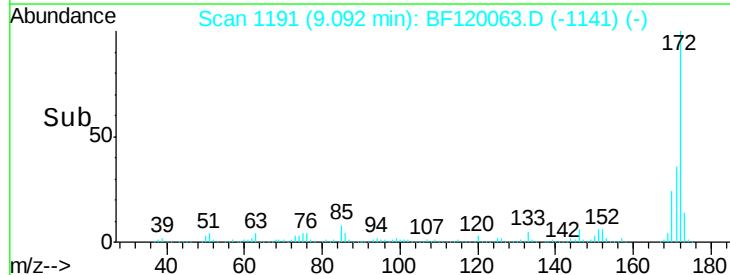
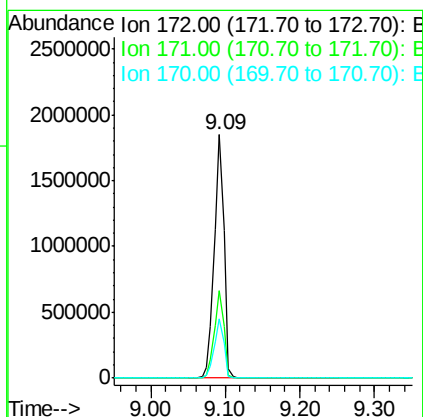
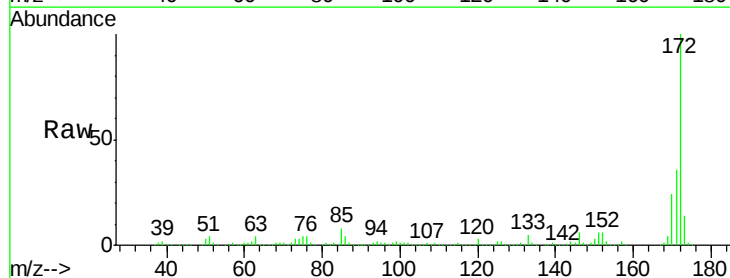
Instrument :
 BNA_F
 ClientSampleId :

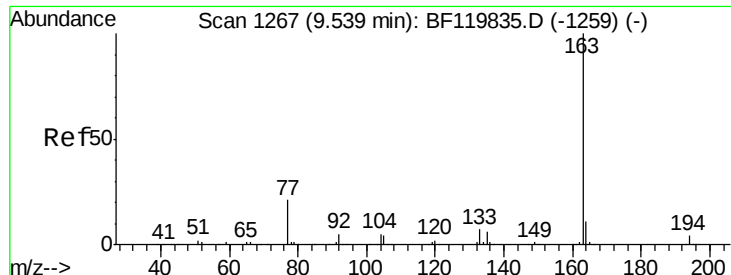
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	34.8	25.1	37.7



#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

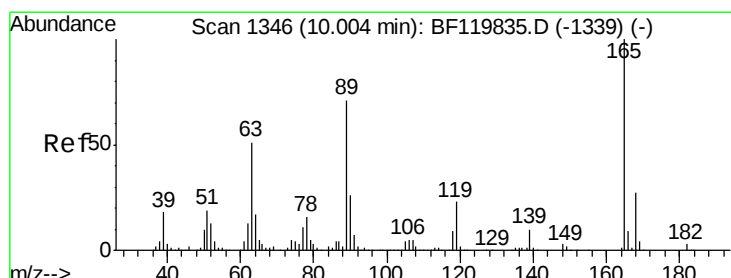
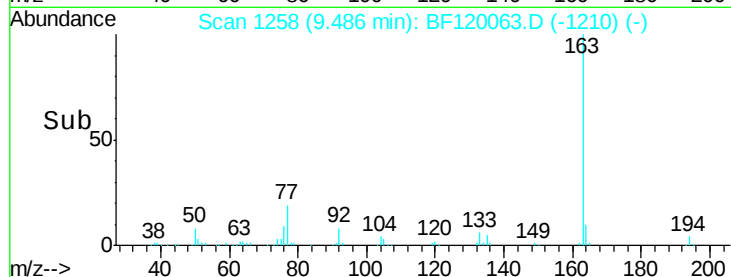
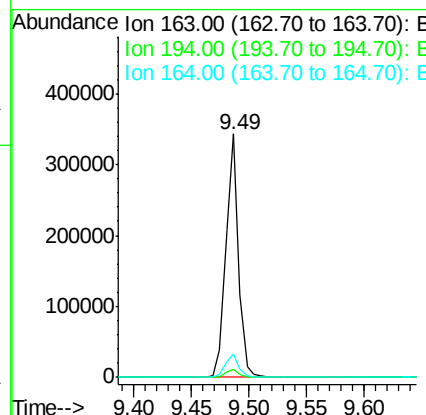
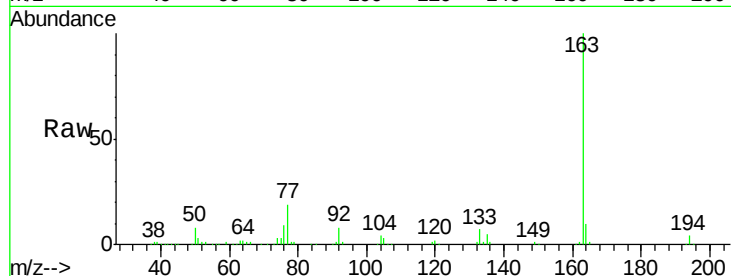




#50
Dimethylphthalate
Concen: 11.150 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF120063.D
Acq: 17 Apr 2020 17:03

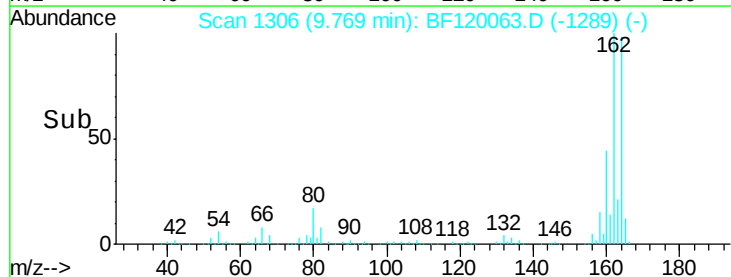
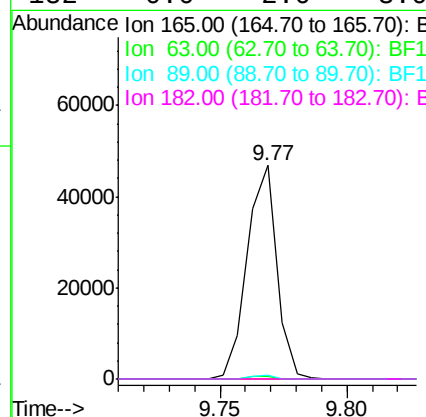
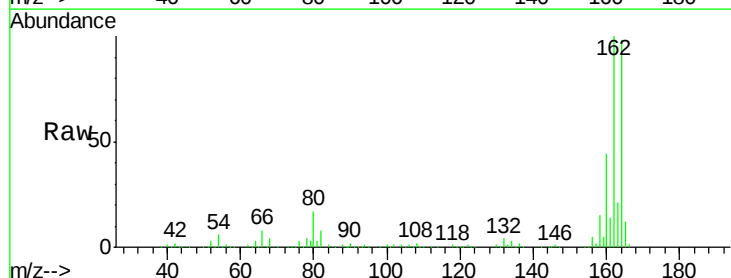
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ClientSampleId :

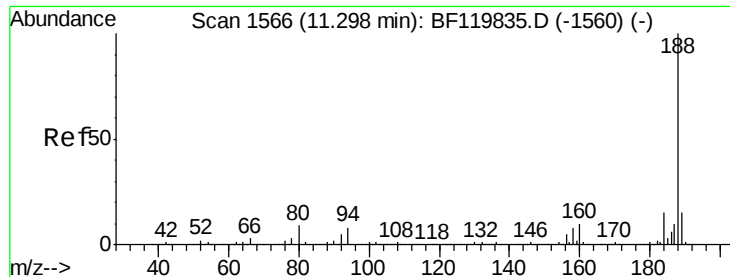
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.8	8.4	12.6



#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	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#

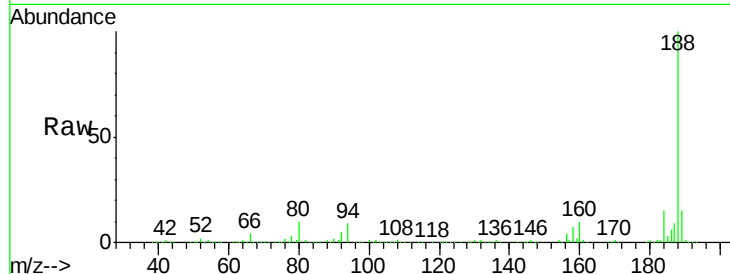




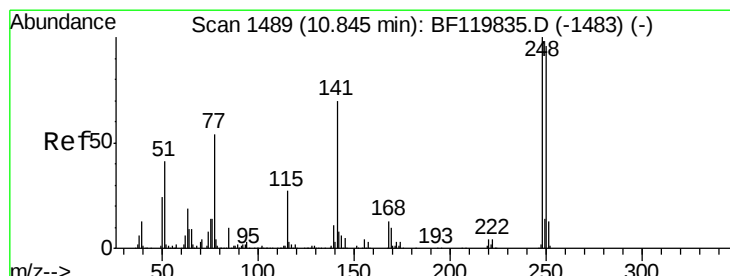
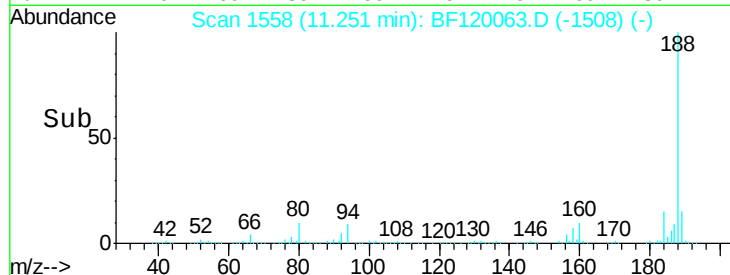
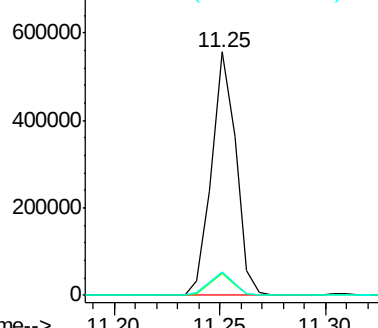
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :

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

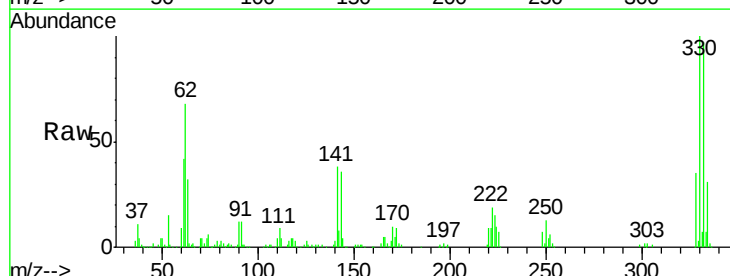


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

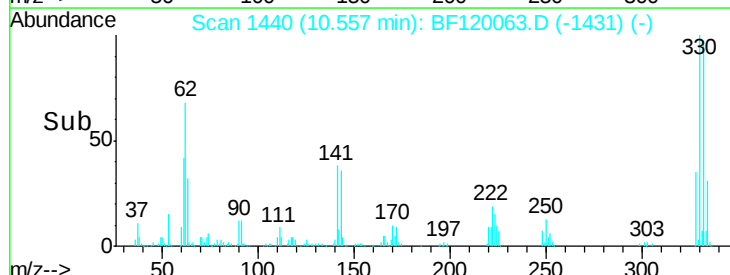
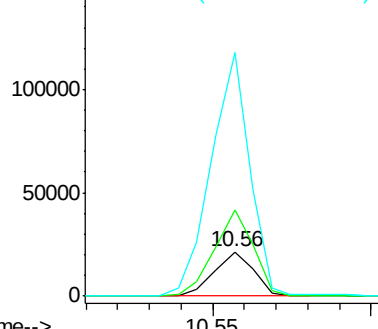


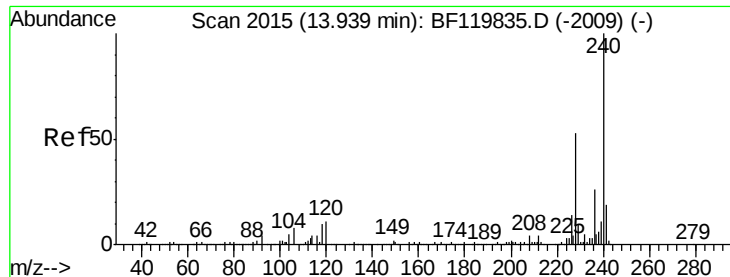
#67
 4-Bromophenyl-phenylether
 Concen: 3.322 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

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#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

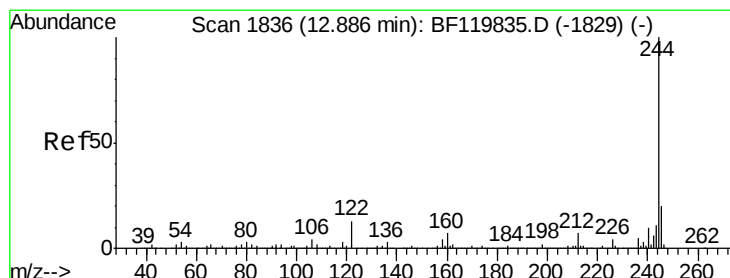
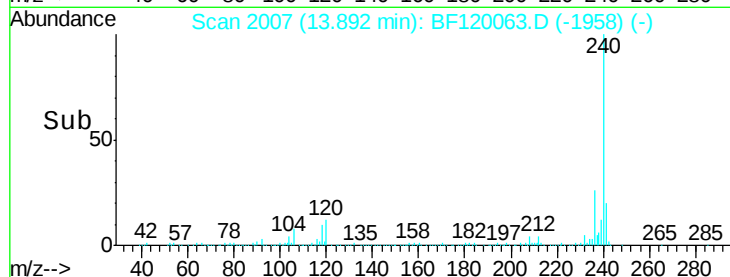
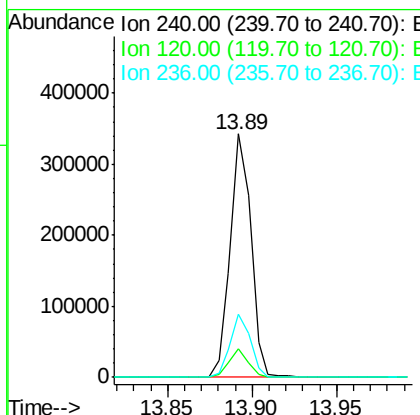
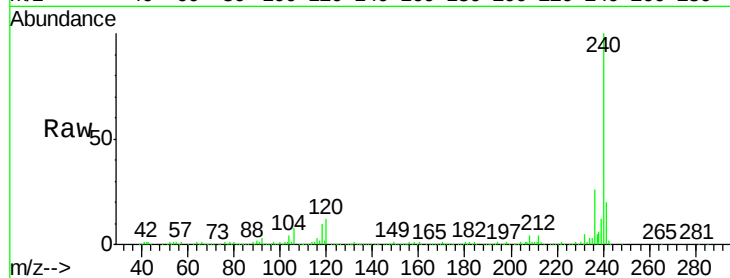




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF120063.D
 Acq: 17 Apr 2020 17:03

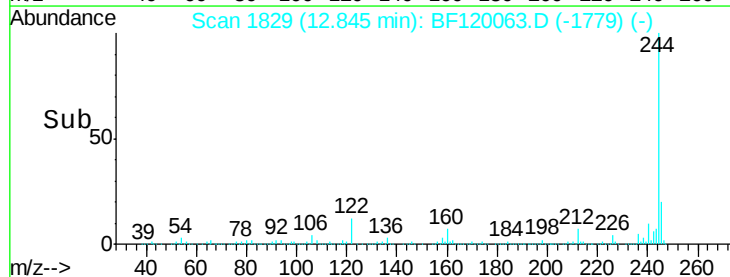
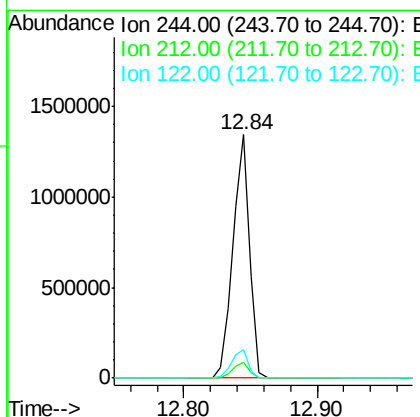
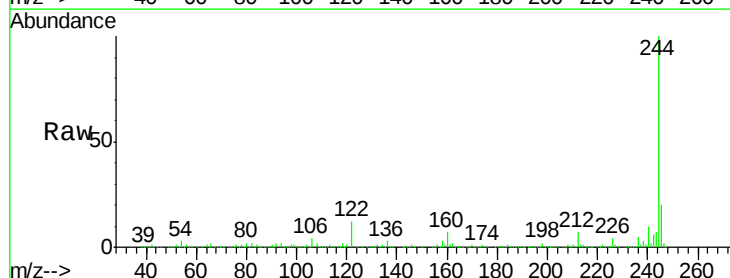
Instrument :
 BNA_F
 ClientSampleId :

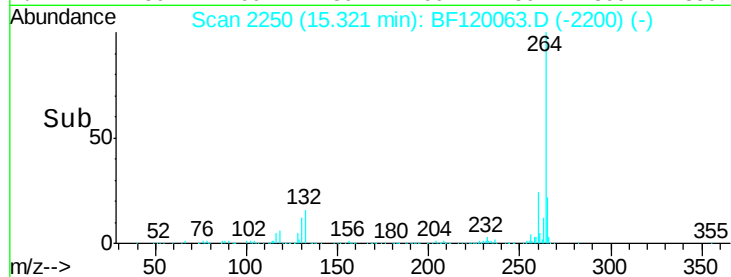
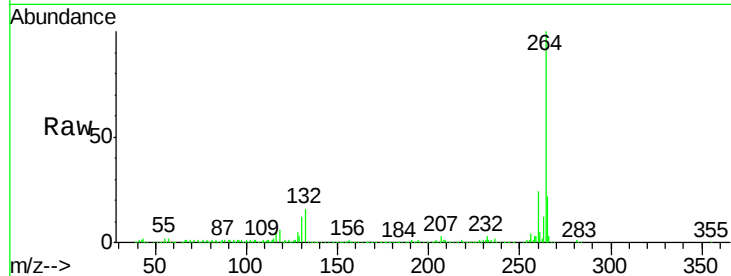
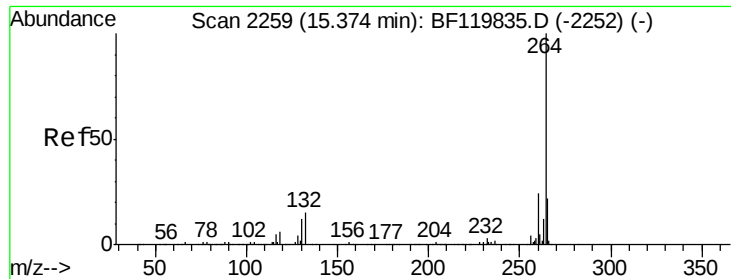
Tot Ion:240 Resp: 293441
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.0 13.6
 236 26.2 20.7 31.1



#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 :

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

