

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119721.D
 Acq On : 3 Apr 2020 16:08
 Operator : MA/SJ
 Sample : L2108-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-70-71-COMP

Quant Time: Apr 03 16:50:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

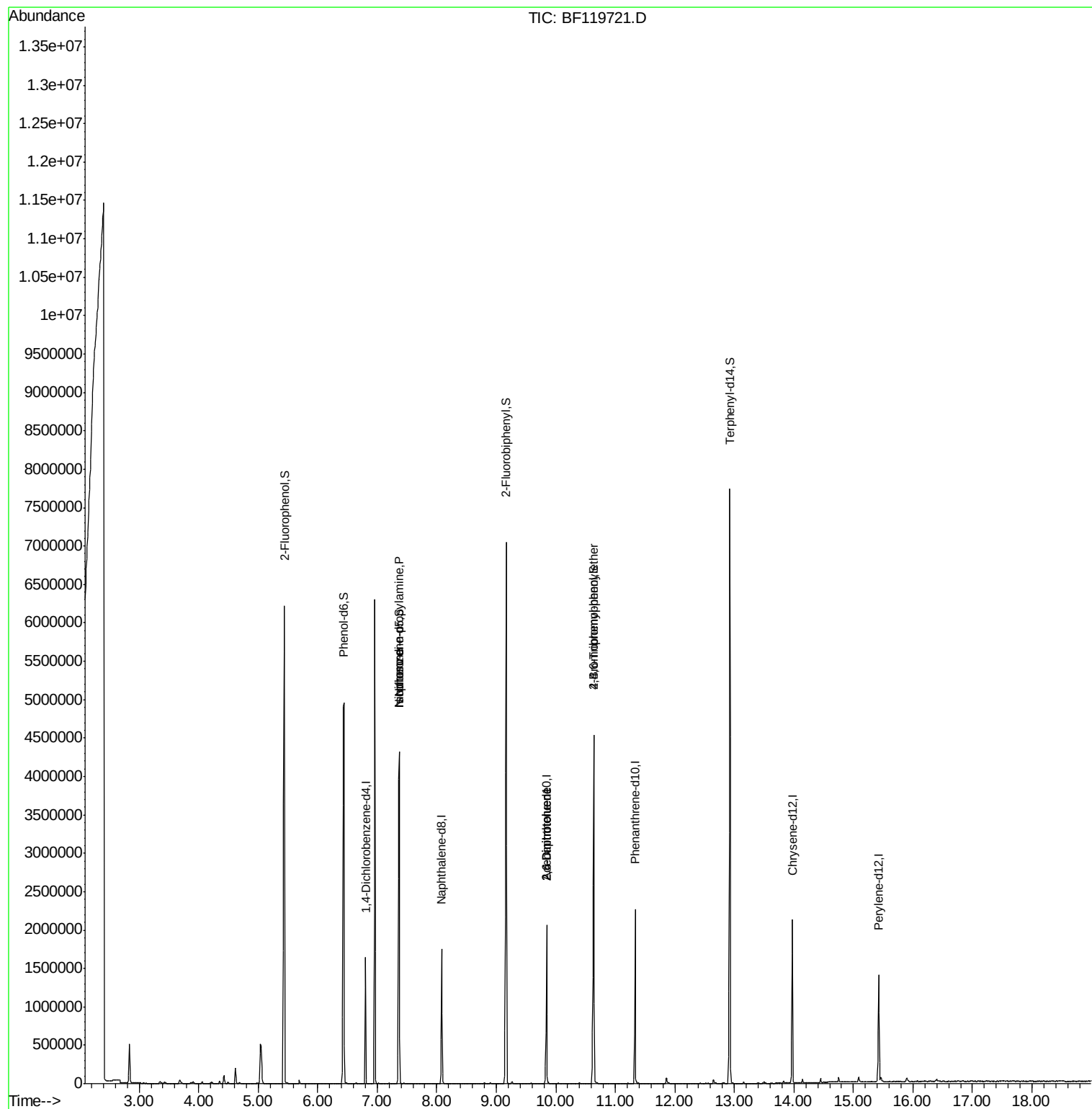
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	230421	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	856404	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	444491	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	846035	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	685714	20.00	ng	-0.02
87) Perylene-d12	15.43	264	638351	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1828819	126.35	ng	0.02
7) Phenol-d6	6.44	99	2151168	116.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	1530500	97.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	701093	152.89	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2801568	93.38	ng	-0.01
79) Terphenyl-d14	12.93	244	3151069	90.03	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	201269	18.059	ng	# 73
25) Isophorone	7.37	82	1528192	47.808	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	55103	8.142	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	55103	6.464	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	42268	4.387	ng	# 1

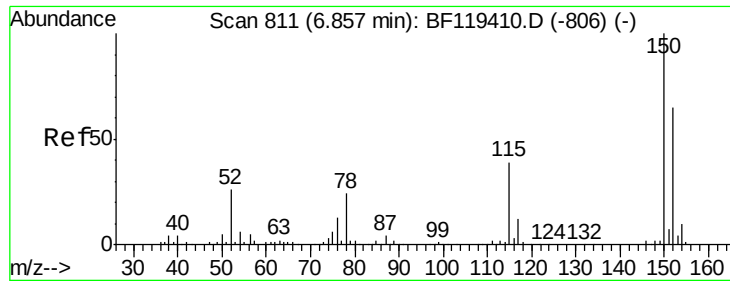
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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TP-70-71-COMP

Quant Time: Apr 03 16:50:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration



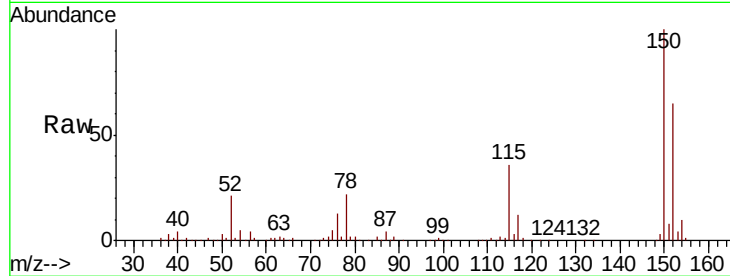


#1

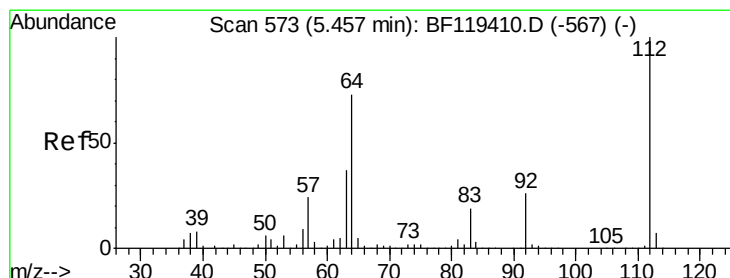
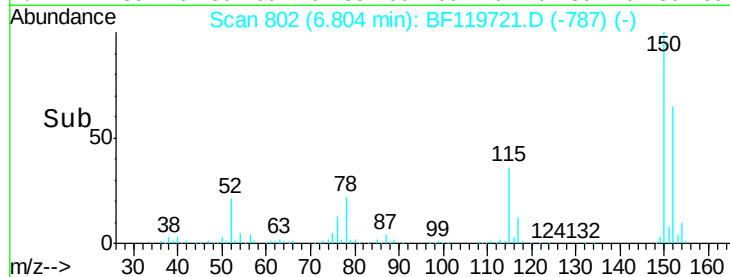
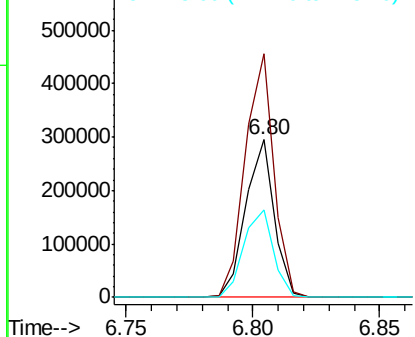
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119721.D
Acq: 3 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
TP-70-71-COMP

Tot Ion:152 Resp: 230421
Ion Ratio Lower Upper
152 100
150 154.4 124.5 186.7
115 55.7 49.6 74.4



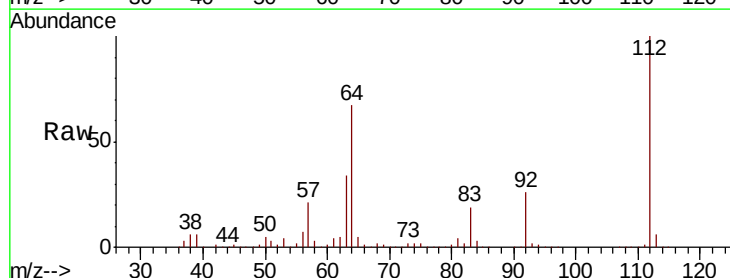
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



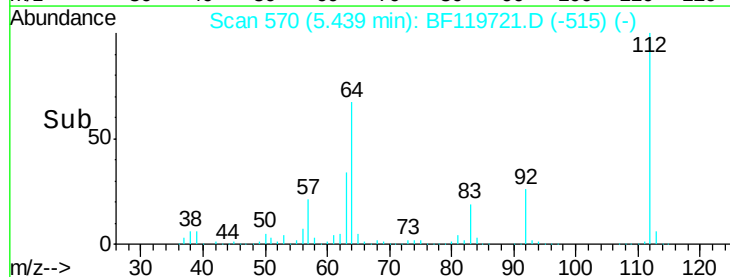
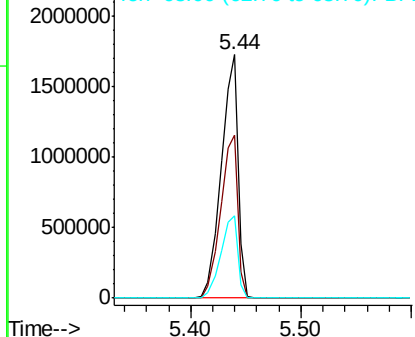
#5

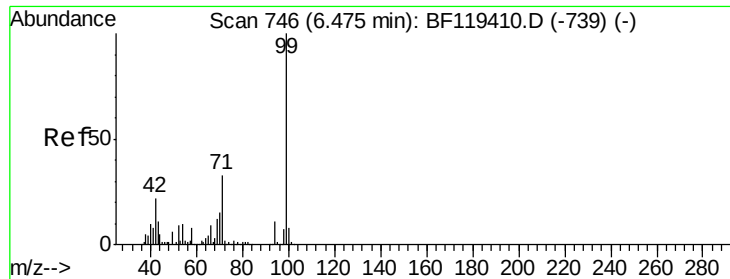
2-Fluorophenol
Concen: 126.347 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119721.D
Acq: 3 Apr 2020 16:08

Tgt Ion:112 Resp: 1828819
Ion Ratio Lower Upper
112 100
64 66.8 56.7 85.1
63 34.0 29.5 44.3



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: 116.341 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119721.D

Acq: 3 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

TP-70-71-COMP

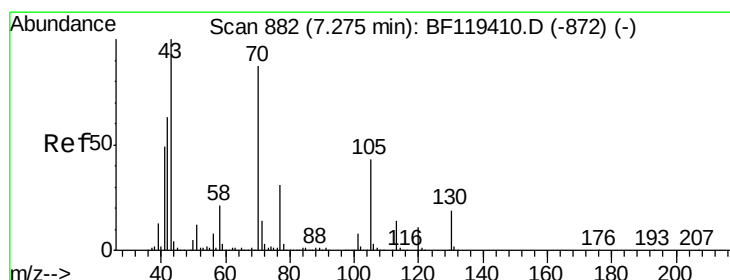
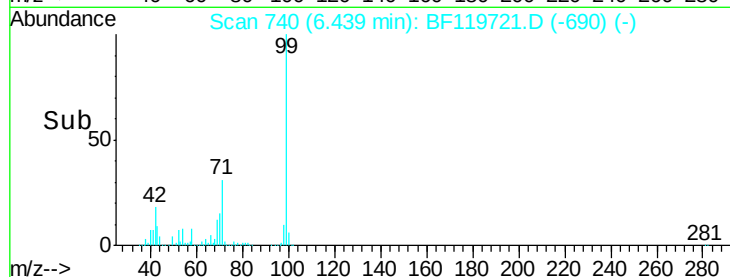
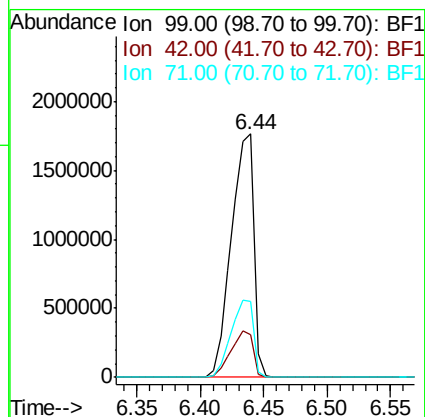
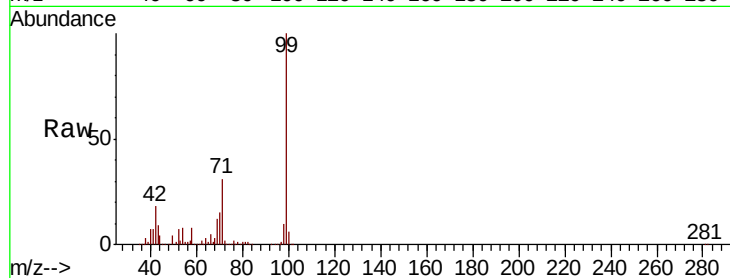
Tot Ion: 99 Resp: 2151168

Ion Ratio Lower Upper

99 100

42 17.8 16.6 24.8

71 31.2 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.059 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119721.D

Acq: 3 Apr 2020 16:08

Tgt Ion: 70 Resp: 201269

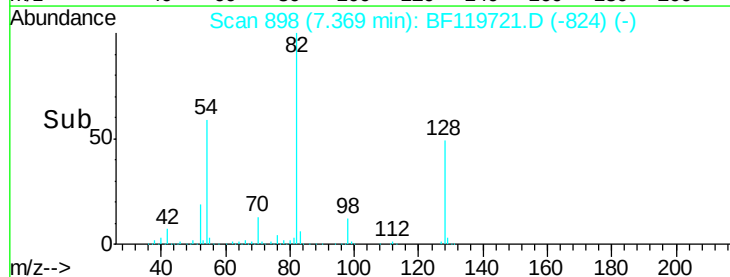
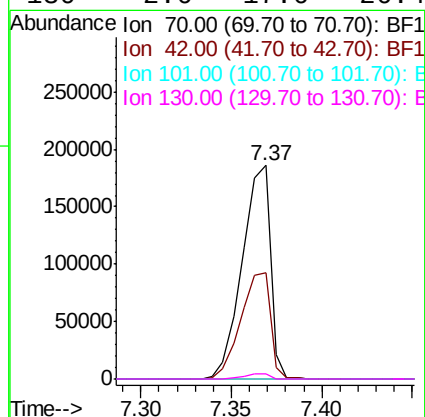
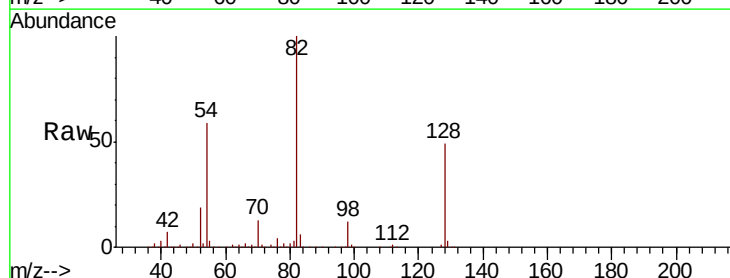
Ion Ratio Lower Upper

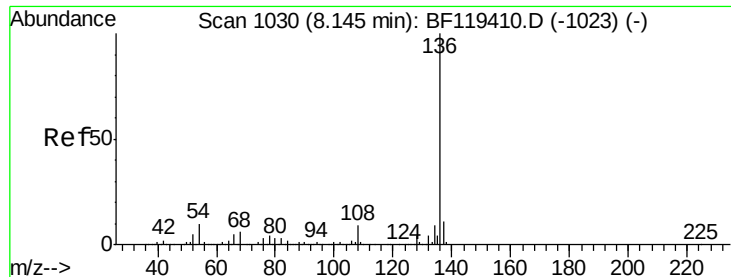
70 100

42 49.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.6 17.6 26.4#

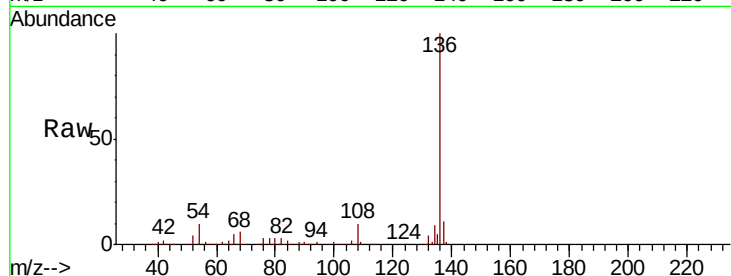




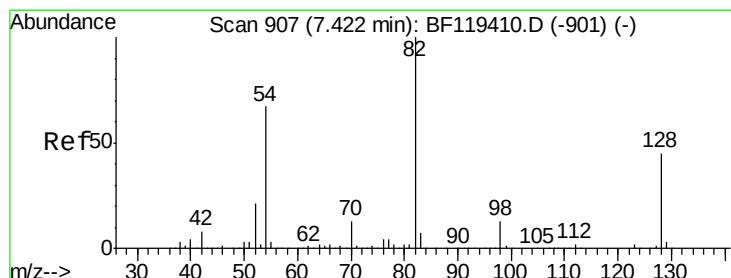
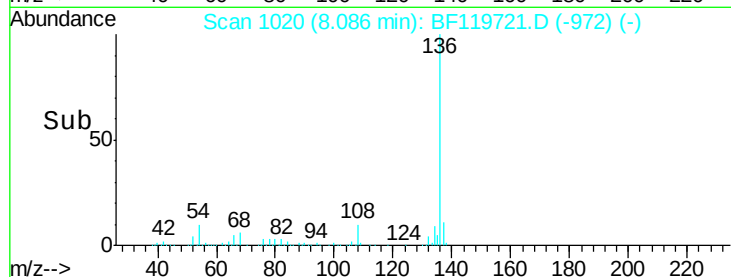
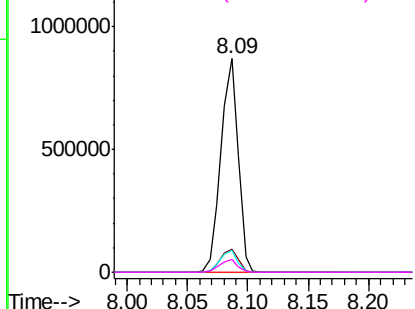
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119721.D
Acq: 3 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
TP-70-71-COMP

Tot Ion:136	Resp:	856404	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.7	13.1	
54 10.0	9.1	13.7	
68 6.0	4.6	6.8	

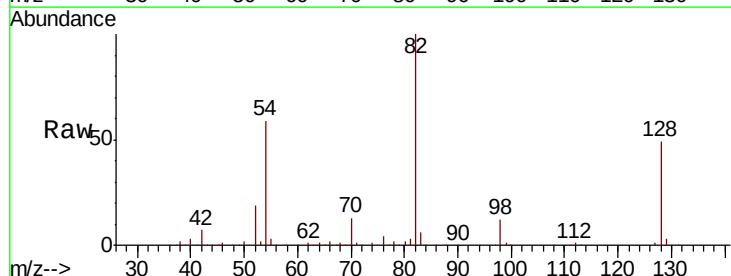


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

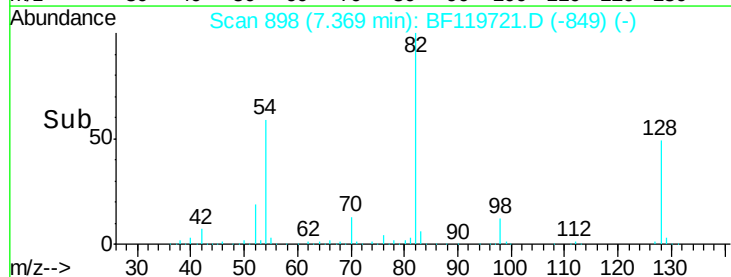
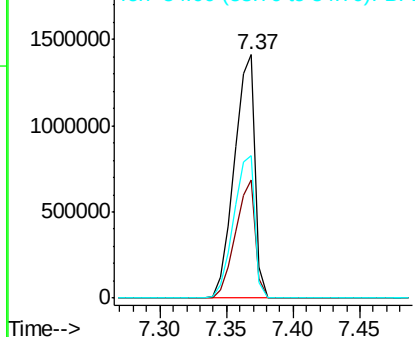


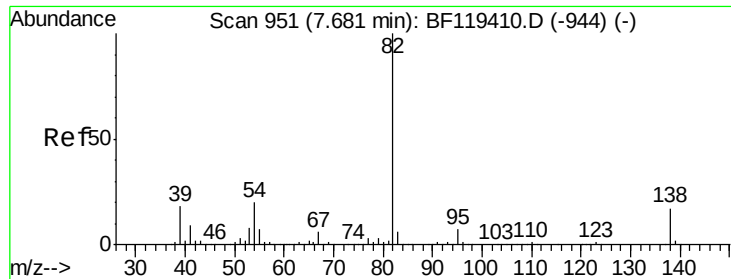
#23
Nitrobenzene-d5
Concen: 97.126 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119721.D
Acq: 3 Apr 2020 16:08

Tgt Ion: 82	Resp: 1530500
Ion Ratio	Lower Upper
82 100	
128 48.6	36.3 54.5
54 58.7	50.6 75.8



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

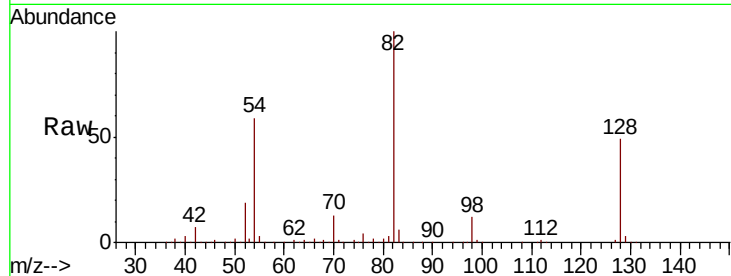




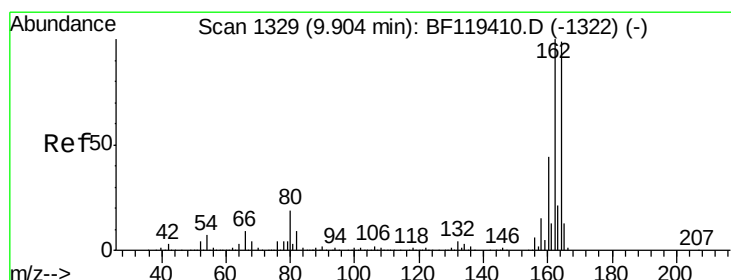
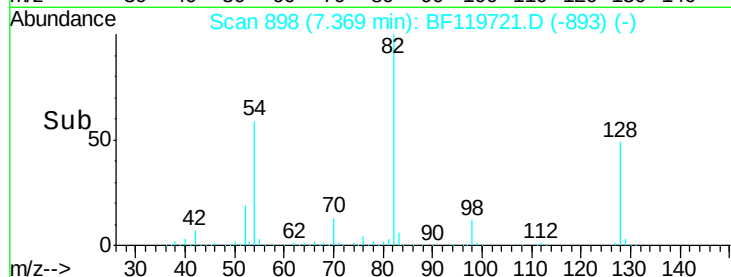
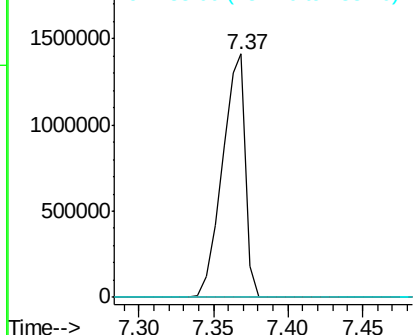
#25
Isophorone
Concen: 47.808 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF119721.D
Acq: 3 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
TP-70-71-COMP

Tot Ion: 82 Resp: 1528192
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

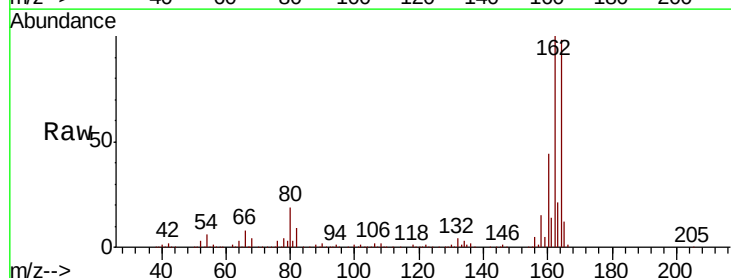


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

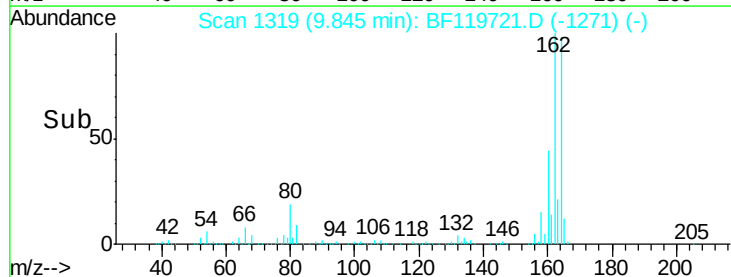
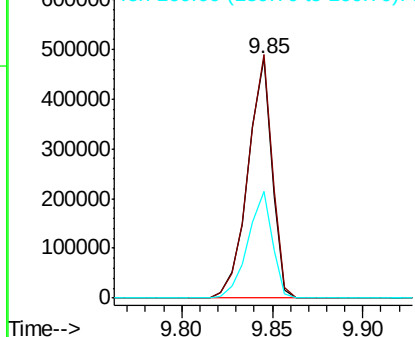


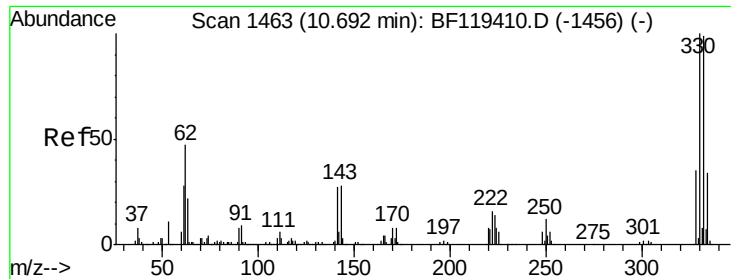
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF119721.D
Acq: 3 Apr 2020 16:08

Tgt Ion:164 Resp: 444491
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 44.8 35.7 53.5



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

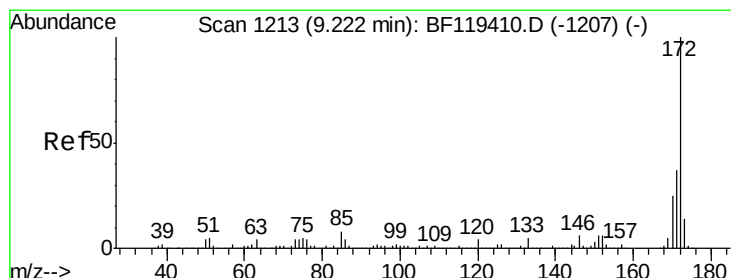
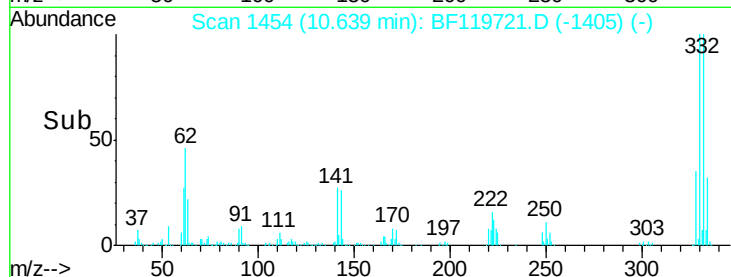
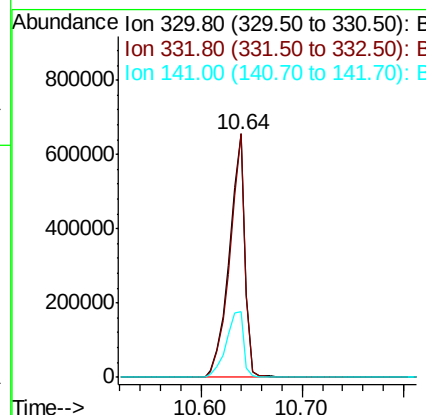
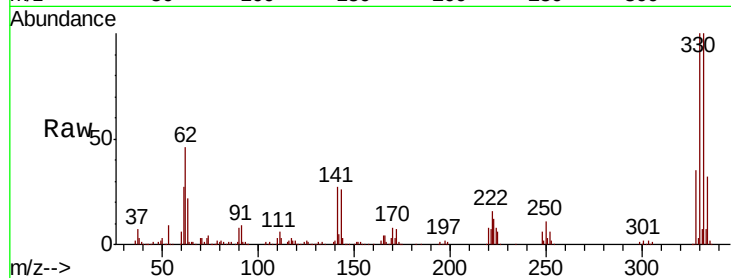




#42
 2,4,6-Tribromophenol
 Concen: 152.888 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

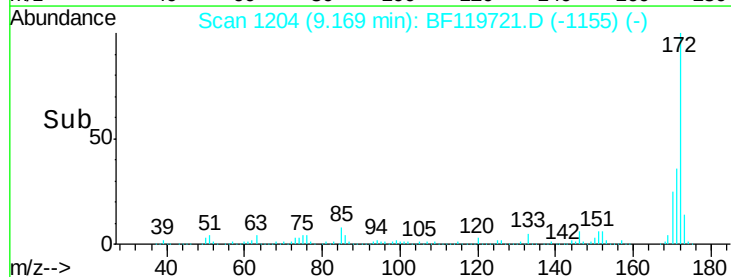
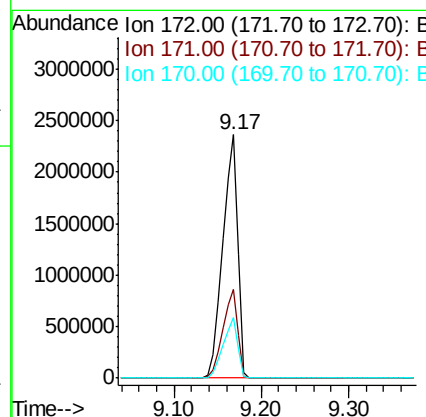
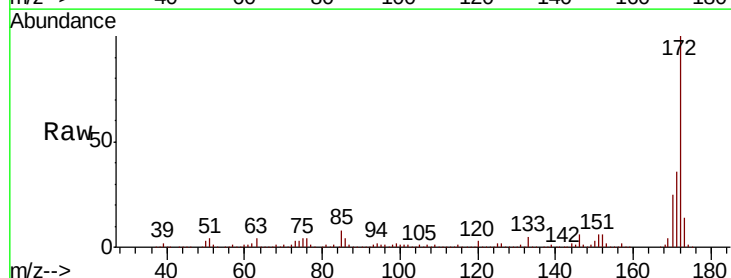
Instrument :
 BNA_F
 ClientSampleId :
 TP-70-71-COMP

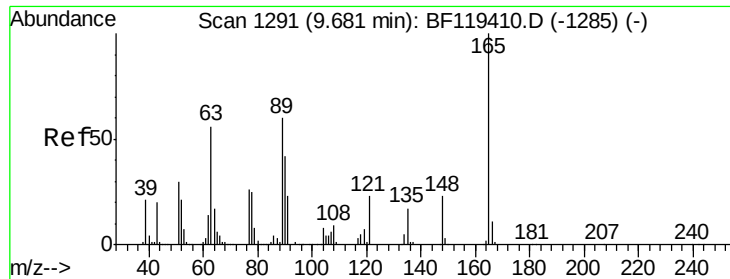
Tot Ion:330 Resp: 701093
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.7 113.5
 141 30.1 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 93.375 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

Tgt Ion:172 Resp: 2801568
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.8 20.2 30.2





#51

2,6-Dinitrotoluene

Concen: 8.142 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF119721.D

Acq: 3 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

TP-70-71-COMP

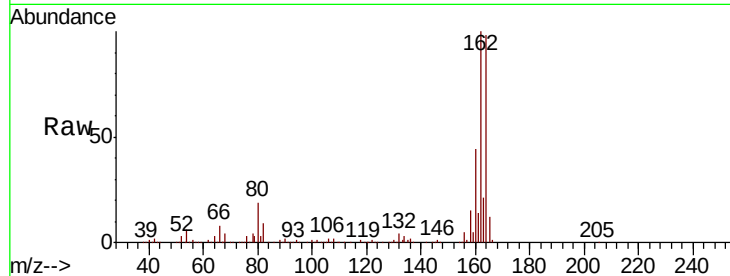
Tot Ion:165 Resp: 55103

Ion Ratio Lower Upper

165 100

63 0.8 45.0 67.4#

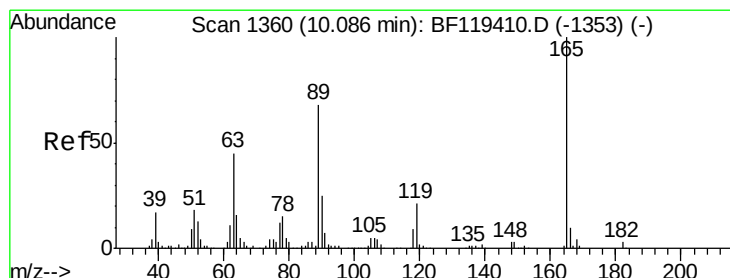
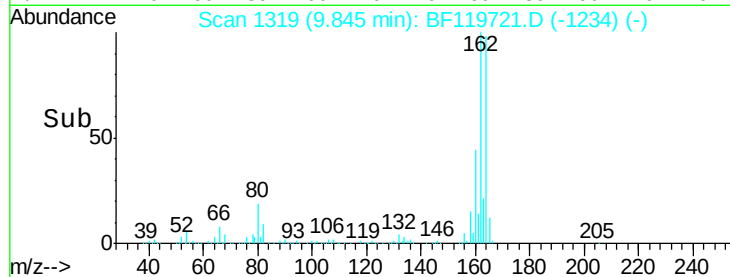
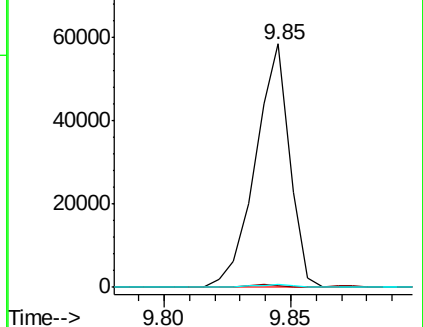
89 1.0 41.5 62.3#



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



#57

2,4-Dinitrotoluene

Concen: 6.464 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF119721.D

Acq: 3 Apr 2020 16:08

Tgt Ion:165 Resp: 55103

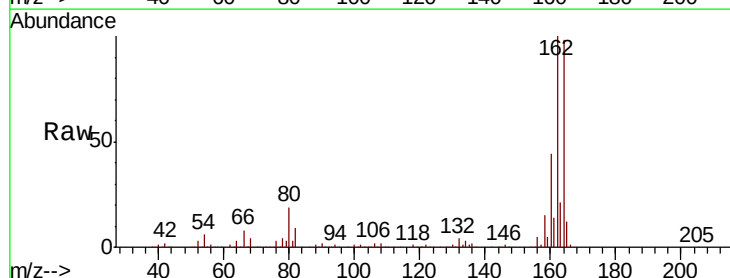
Ion Ratio Lower Upper

165 100

63 0.8 42.6 64.0#

89 1.0 61.0 91.4#

182 0.0 2.2 3.2#

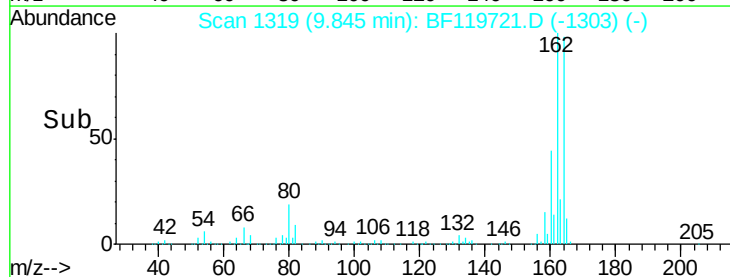
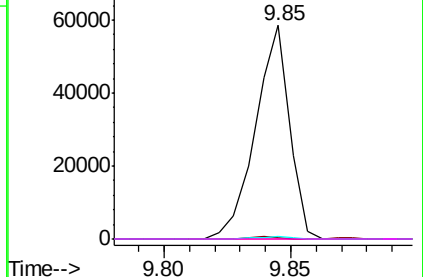


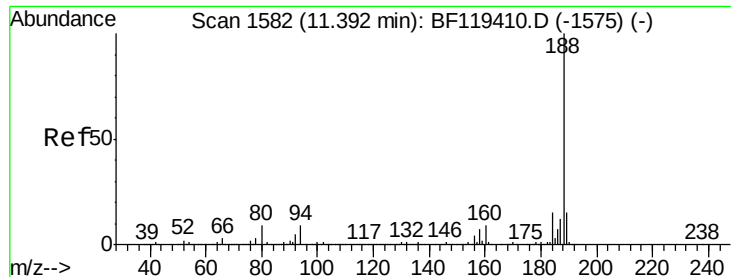
Abundance Ion 165.00 (164.70 to 165.70): E

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

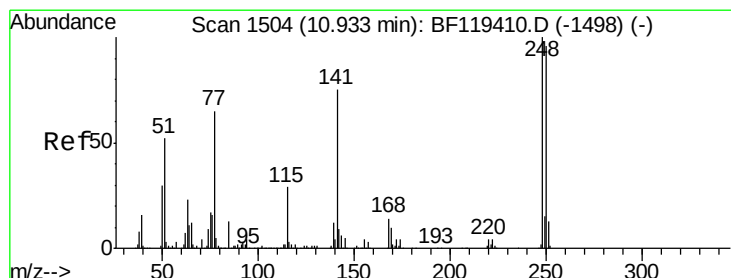
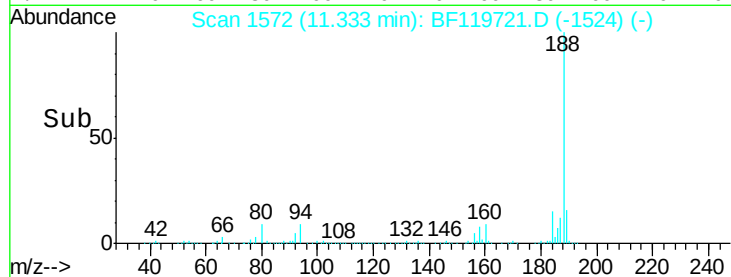
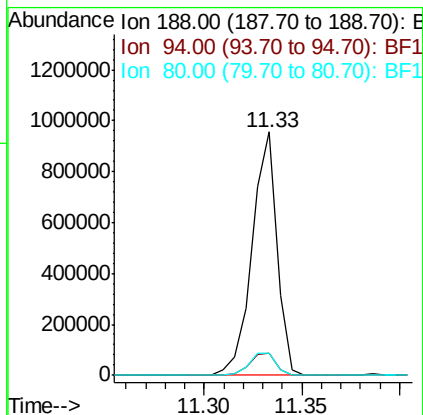
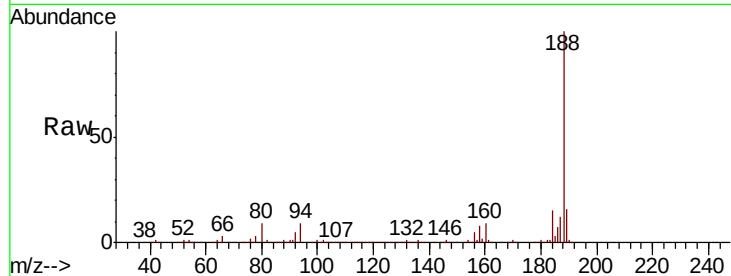




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

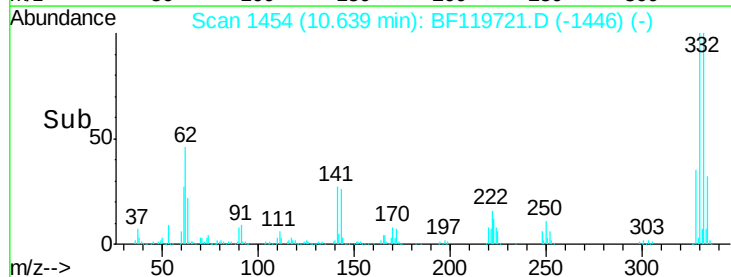
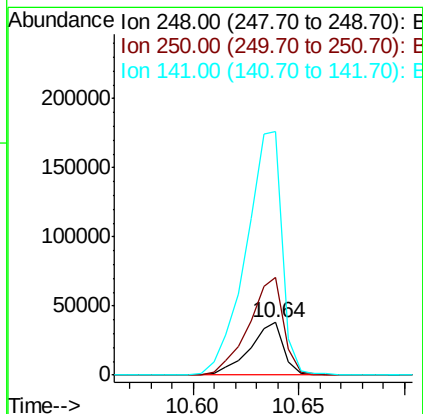
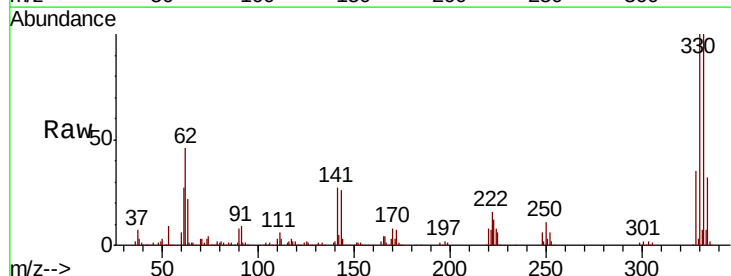
Instrument :
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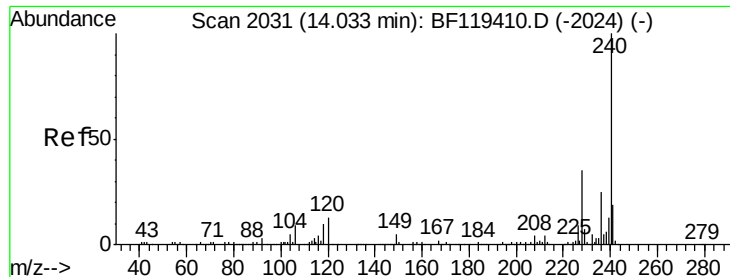
Tot Ion:188 Resp: 846035
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.5 11.3
 80 9.1 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.387 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

Tgt Ion:248 Resp: 42268
 Ion Ratio Lower Upper
 248 100
 250 185.4 77.3 115.9#
 141 462.1 58.6 87.8#

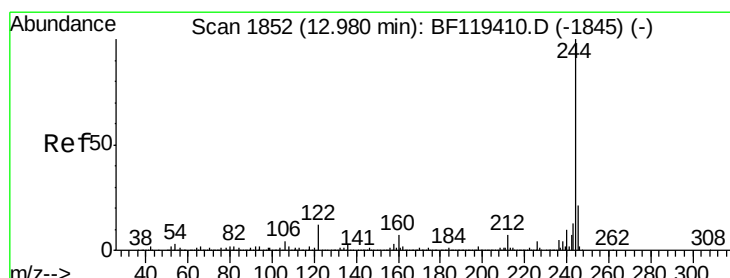
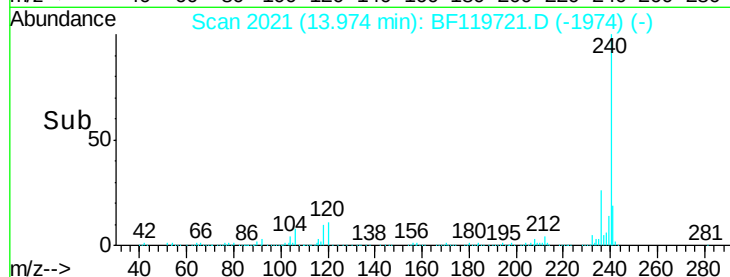
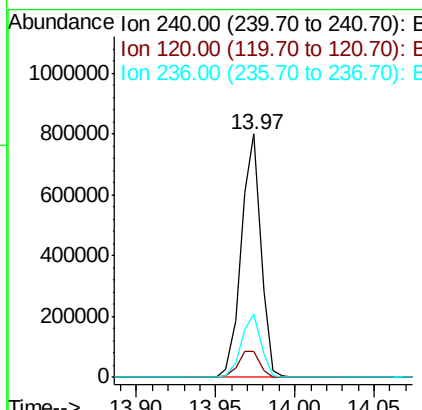
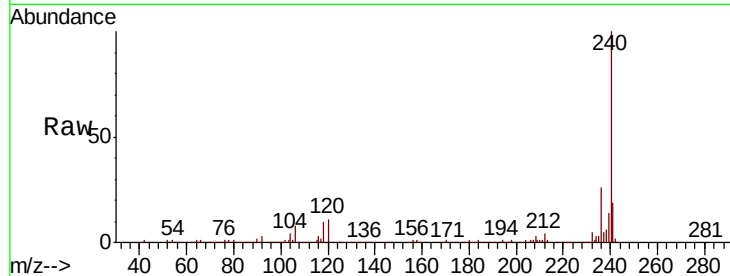




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

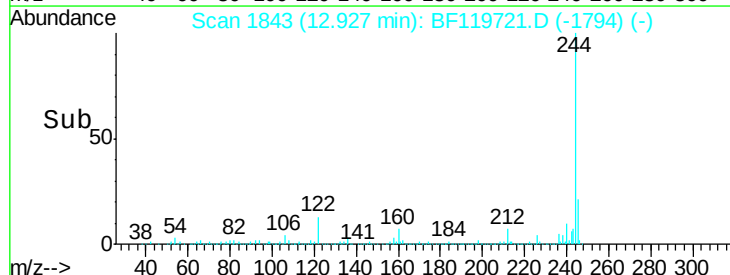
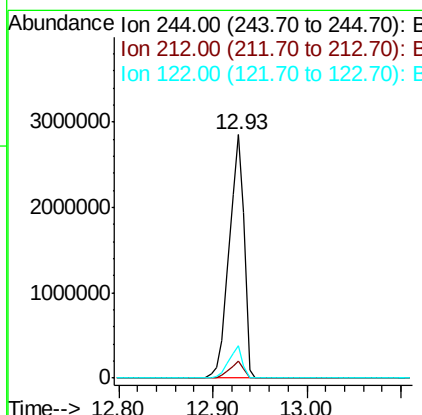
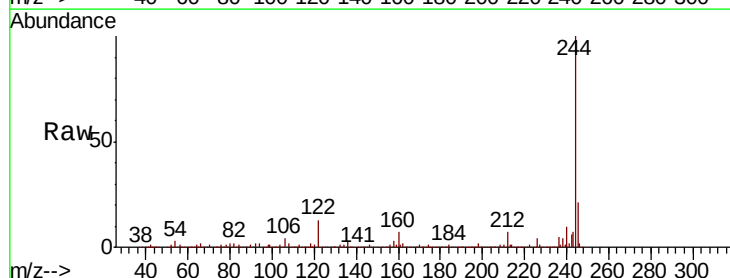
Instrument :
 BNA_F
 ClientSampleId :
 TP-70-71-COMP

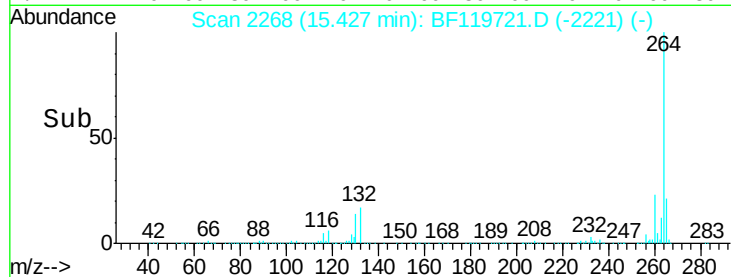
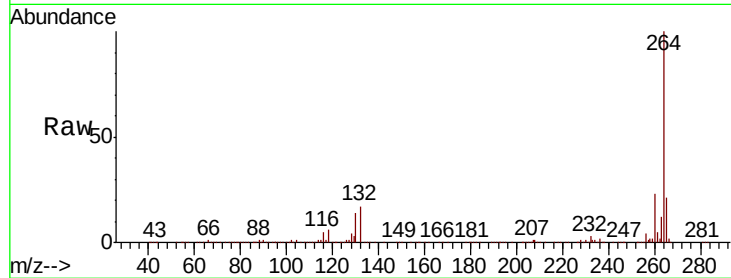
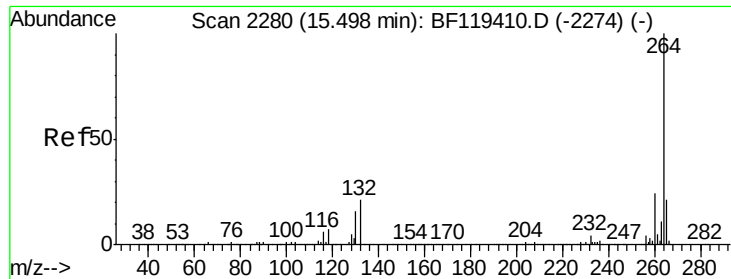
Tot Ion:240 Resp: 685714
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.6 15.8
 236 26.1 20.2 30.2



#79
 Terphenyl-d14
 Concen: 90.032 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

Tgt Ion:244 Resp: 3151069
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 13.1 10.3 15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF119721.D
 Acq: 3 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-70-71-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.9	17.7	26.5

