

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119841.D
 Acq On : 8 Apr 2020 23:23
 Operator : MA/SJ
 Sample : PB128072BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 02:02:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	170056	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	694885	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	383980	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	720943	20.00	ng	0.00
76) Chrysene-d12	13.93	240	620494	20.00	ng	0.00
87) Perylene-d12	15.37	264	509261	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1495384	151.97	ng	0.02
7) Phenol-d6	6.40	99	1986906	156.70	ng	0.00
23) Nitrobenzene-d5	7.33	82	1242314	92.49	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	646007	137.41	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2421210	89.53	ng	0.00
79) Terphenyl-d14	12.89	244	3134823	85.01	ng	0.00

Target Compounds

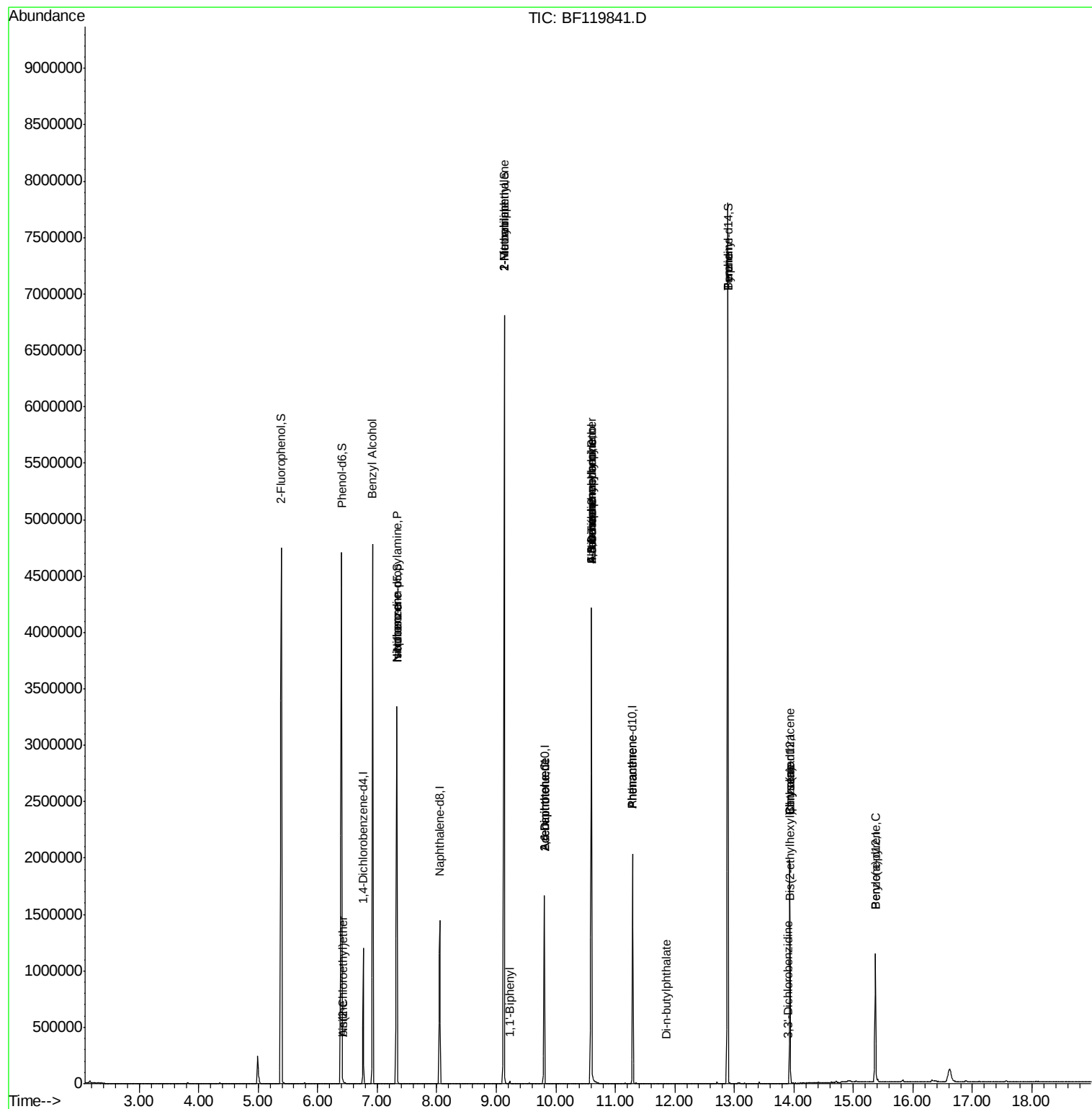
						Qvalue
6) Aniline	6.43	93	112	0.007	ng	# 40
9) Benzaldehyde	6.40	77	2923	Below	Cal	# 1
11) bis(2-Chloroethyl)ether	6.43	93	112	0.010	ng	# 15
15) Benzyl Alcohol	6.92	79	20624	2.094	ng	# 49
19) n-Nitroso-di-n-propylamine	7.33	70	165378	20.283	ng	# 76
24) Nitrobenzene	7.33	77	3194	0.236	ng	# 29
25) Isophorone	7.33	82	1231111	47.546	ng	# 65
38) 1-Methylnaphthalene	9.13	142	1078	0.046	ng	# 71
46) 1,1'-Biphenyl	9.23	154	7328	0.226	ng	# 91
48) 2-Nitroaniline	9.13	65	4403	0.487	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	49001	7.534	ng	# 19
52) Acenaphthene	9.81	154	1361	0.054	ng	# 5
57) 2,4-Dinitrotoluene	9.80	165	49001	5.718	ng	# 22
58) Fluorene	10.60	166	27055	0.973	ng	# 89
63) Azobenzene	10.60	77	2787	0.101	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.60	198	1031	0.217	ng	# 1
66) n-Nitrosodiphenylamine	10.60	169	19416	0.810	ng	# 43
67) 4-Bromophenyl-phenylether	10.60	248	38809	4.329	ng	# 1
71) Phenanthrene	11.29	178	272	0.007	ng	# 1
72) Anthracene	11.29	178	272	0.007	ng	# 1
74) Di-n-butylphthalate	11.86	149	459	0.009	ng	# 78
77) Benzidine	12.89	184	38523	1.837	ng	# 95
78) Pyrene	12.89	202	9979	0.191	ng	# 63
81) Benzo(a)anthracene	13.93	228	1199	0.029	ng	# 58
82) 3,3'-Dichlorobenzidine	13.89	252	158	0.010	ng	# 24
83) Chrysene	13.93	228	1199	0.029	ng	# 56
84) Bis(2-ethylhexyl)phthalate	13.92	149	109	0.003	ng	# 52
90) Benzo(a)pyrene	15.37	252	1793	0.058	ng	# 51

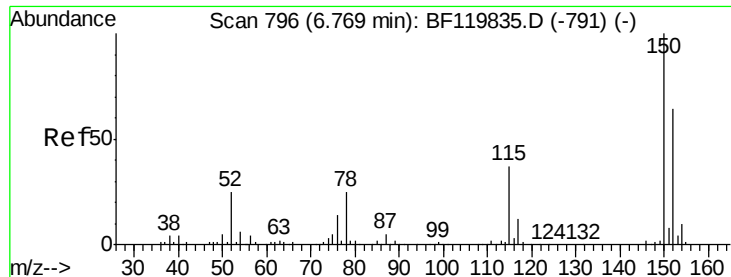
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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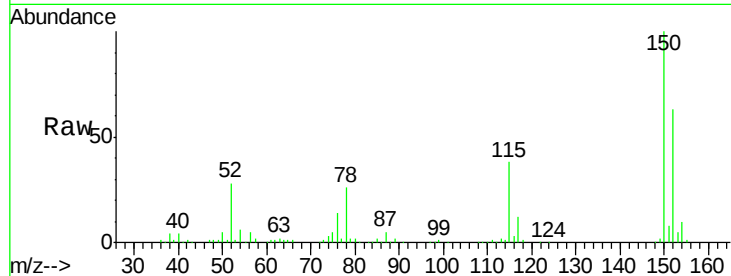


#1

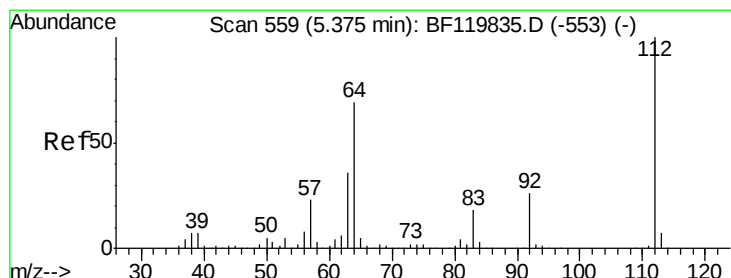
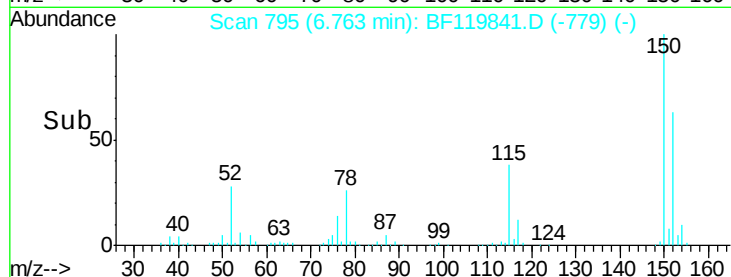
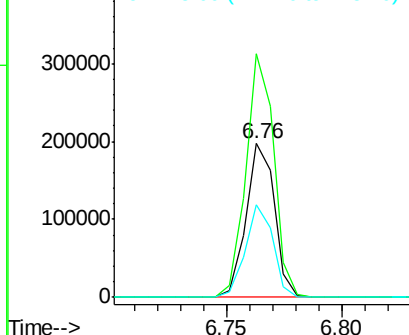
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170056
Ion Ratio Lower Upper
152 100
150 158.6 124.8 187.2
115 60.7 46.5 69.7



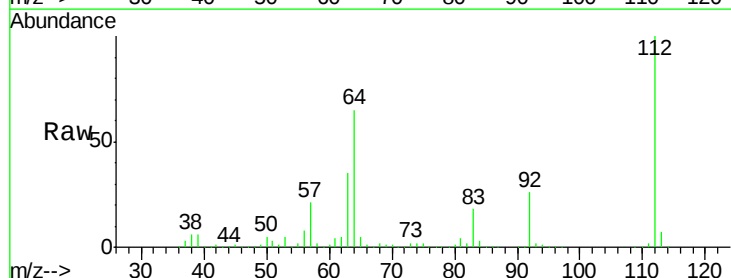
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



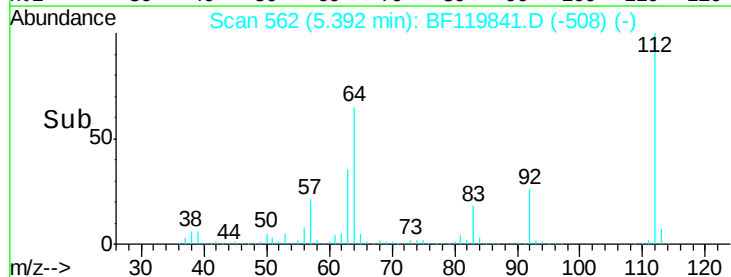
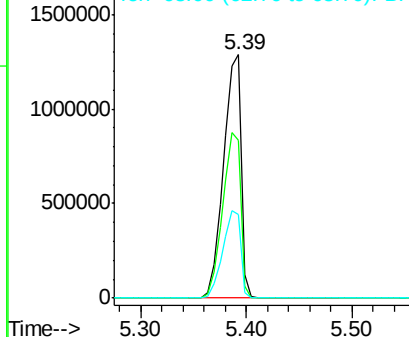
#5

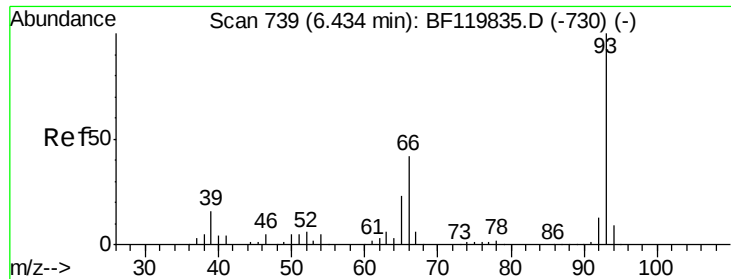
2-Fluorophenol
Concen: 151.967 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.02 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Tgt Ion:112 Resp: 1495384
Ion Ratio Lower Upper
112 100
64 65.1 55.5 83.3
63 34.5 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





#6

Aniline

Concen: 0.007 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

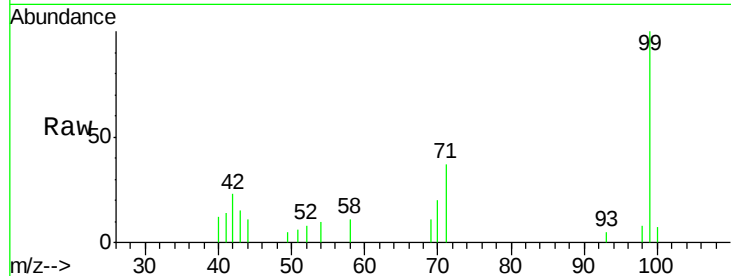
Instrument :

BNA_F

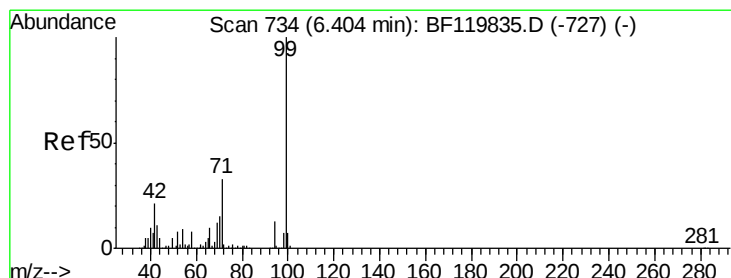
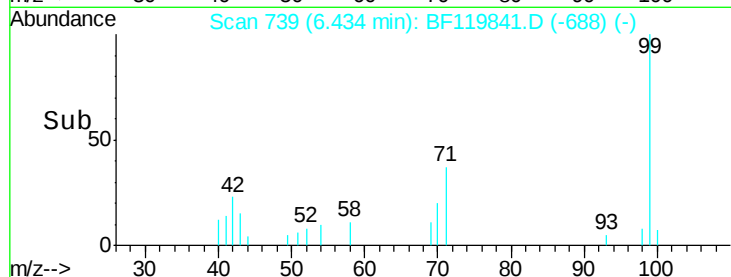
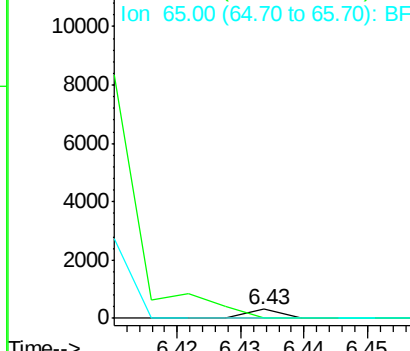
ClientSampleId :

Tot Ion: 93 Resp: 112

Ion	Ratio	Lower	Upper
93	100		
66	0.0	34.2	51.2#
65	0.0	18.3	27.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 156.702 ng

RT: 6.40 min Scan# 734

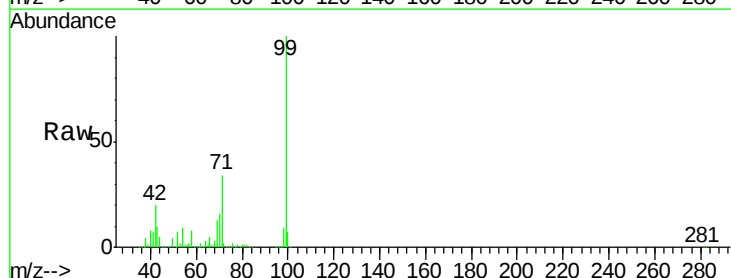
Delta R.T. -0.00 min

Lab File: BF119841.D

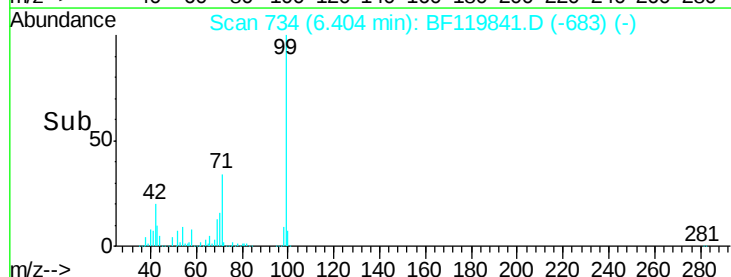
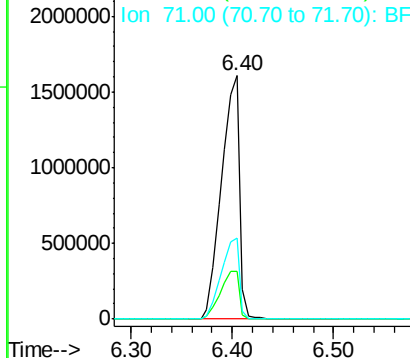
Acq: 8 Apr 2020 23:23

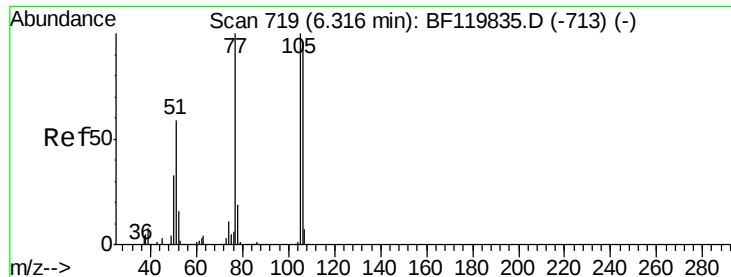
Tgt Ion: 99 Resp: 1986906

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.9	25.3
71	33.5	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





#9

Benzaldehyde

Concen: Below Cal

RT: 6.40 min Scan# 734

Delta R.T. 0.09 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampled :

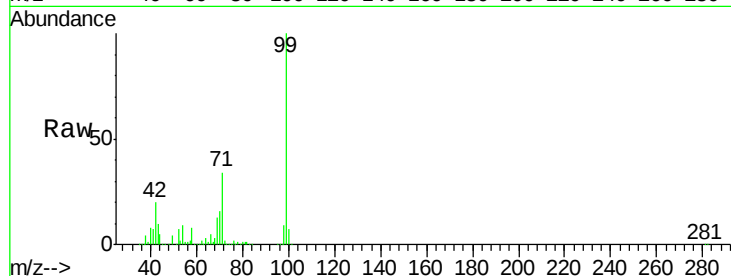
Tot Ion: 77 Resp: 2923

Ion Ratio Lower Upper

77 100

105 0.0 79.9 119.9#

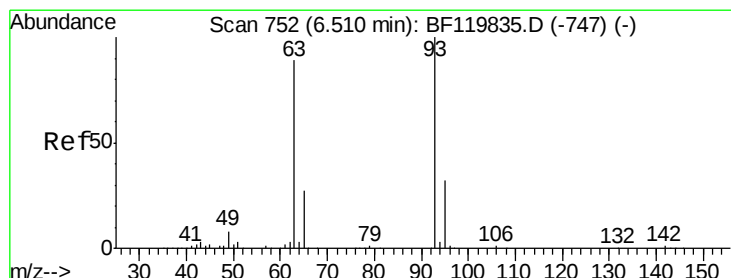
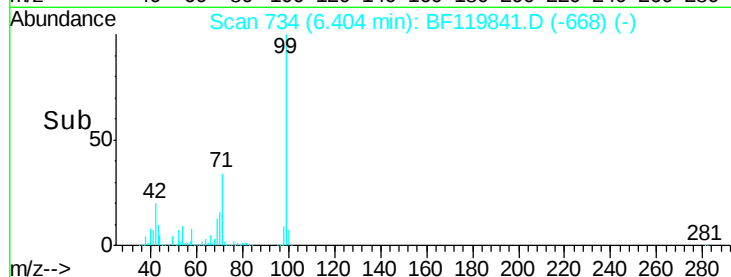
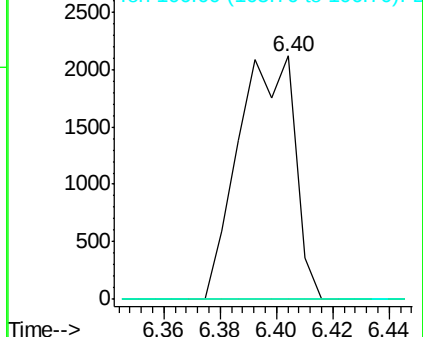
106 0.0 76.4 116.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.010 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.08 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

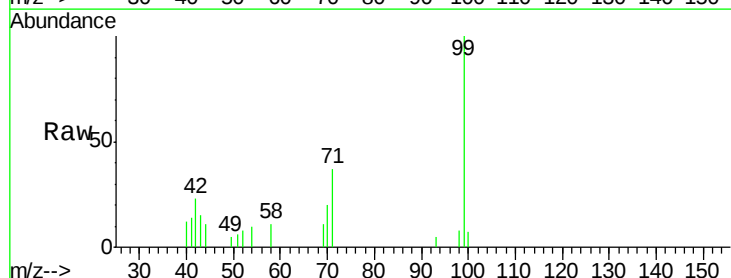
Tgt Ion: 93 Resp: 112

Ion Ratio Lower Upper

93 100

63 0.0 69.1 109.1#

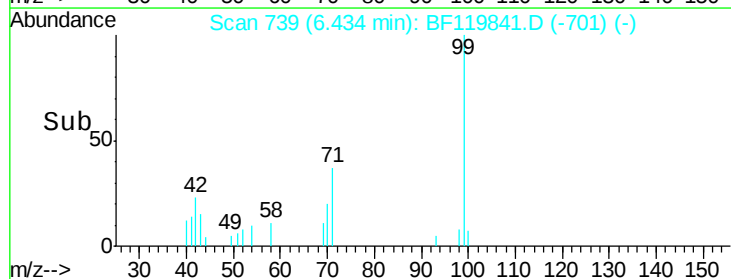
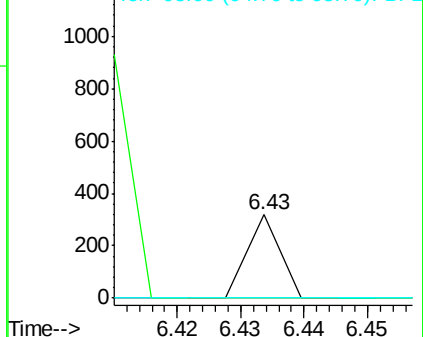
95 0.0 12.3 52.3#

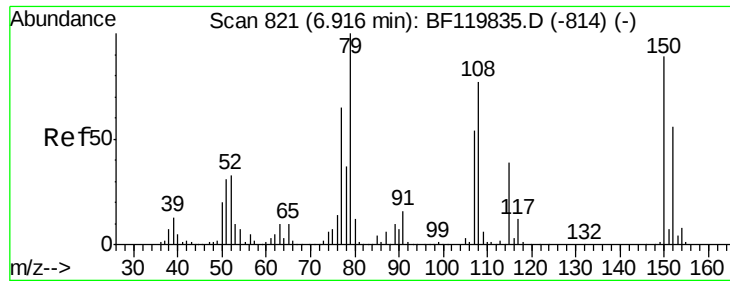


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

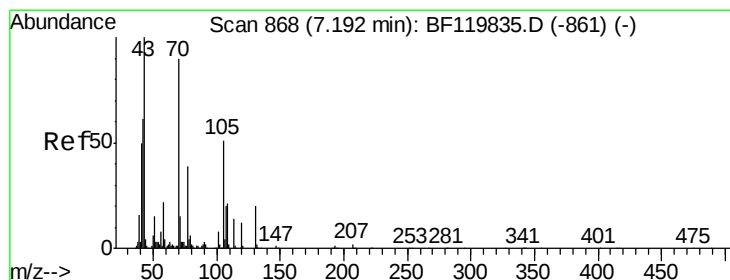
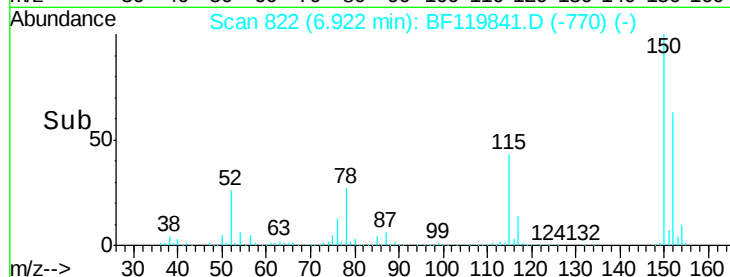
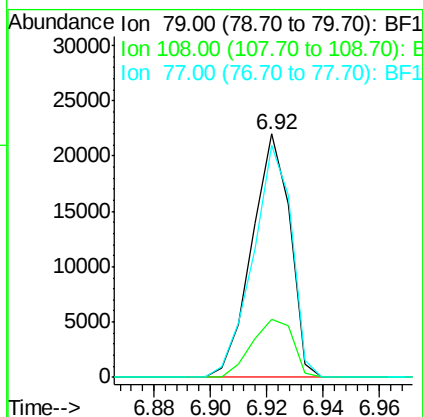
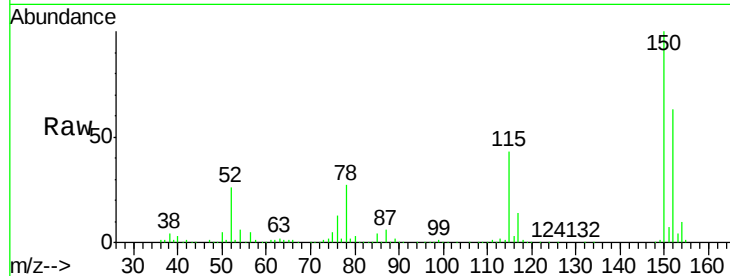




#15
Benzyl Alcohol
Concen: 2.094 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

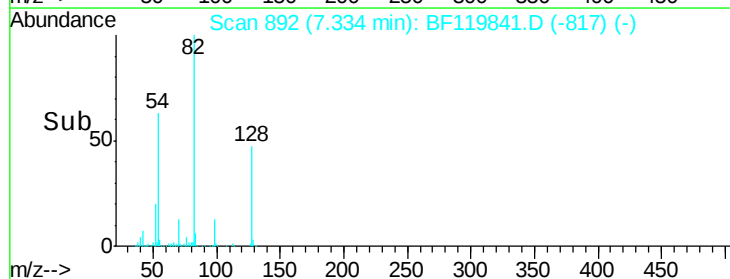
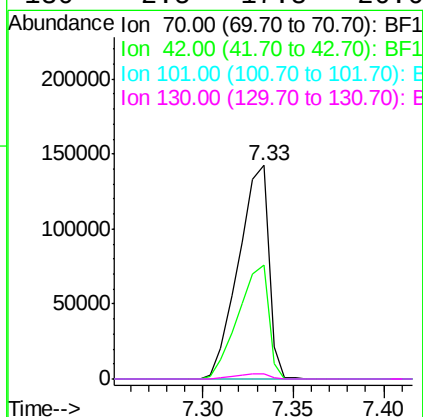
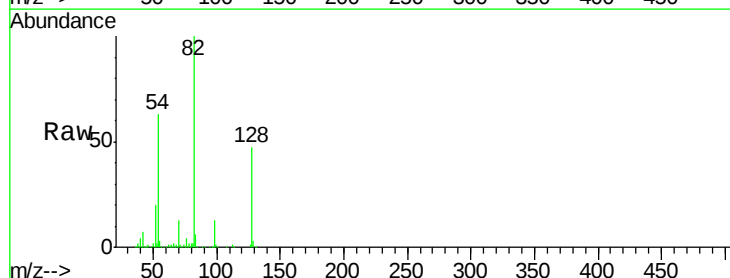
Instrument :
BNA_F
ClientSampleId :

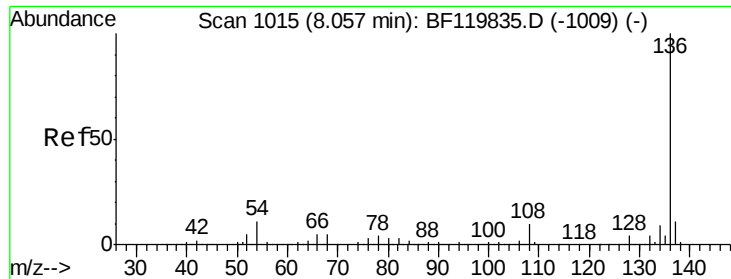
Tot Ion: 79 Resp: 20624
Ion Ratio Lower Upper
79 100
108 23.8 62.0 93.0#
77 95.2 51.8 77.6#



#19
n-Nitroso-di-n-propylamine
Concen: 20.283 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Tgt Ion: 70 Resp: 165378
Ion Ratio Lower Upper
70 100
42 53.3 54.2 81.4#
101 0.0 7.4 11.2#
130 2.5 17.8 26.6#

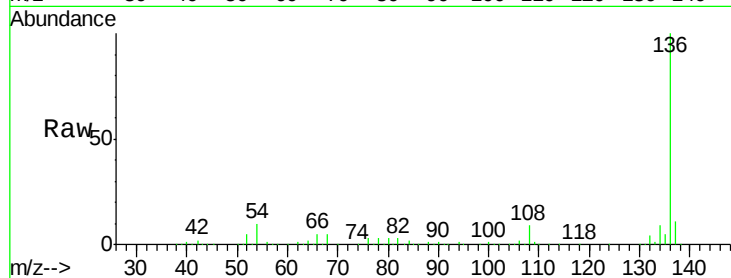




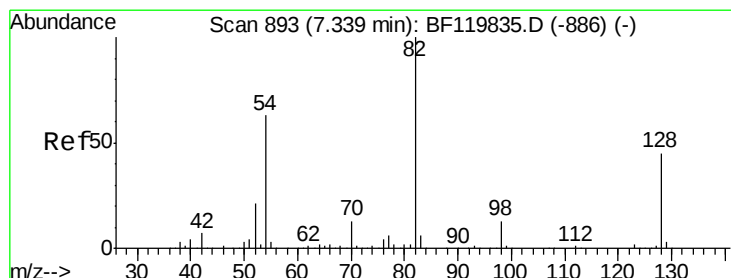
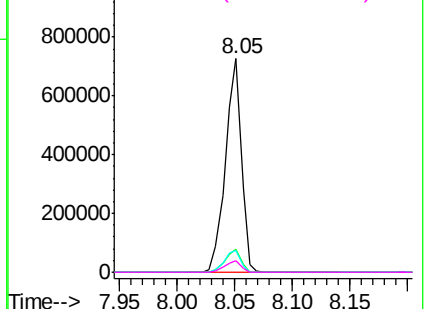
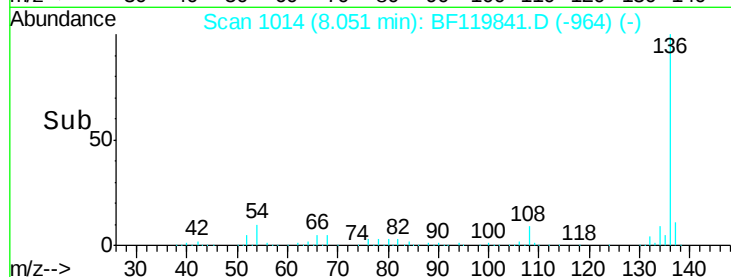
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	694885
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.7 13.1
54	10.0	8.5 12.7
68	5.3	3.9 5.9

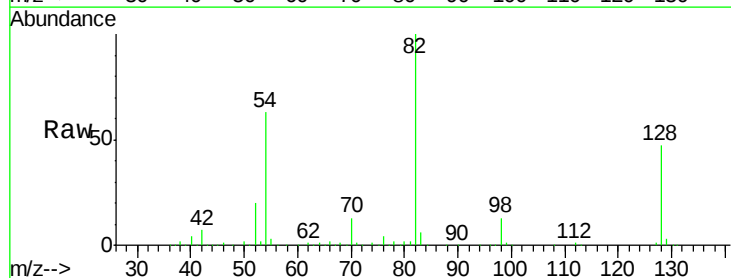


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

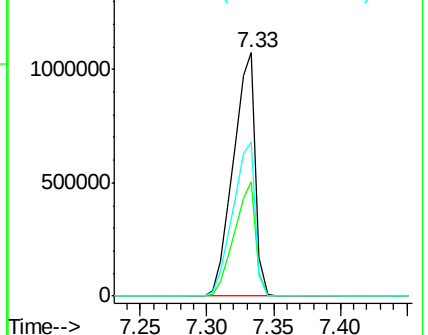
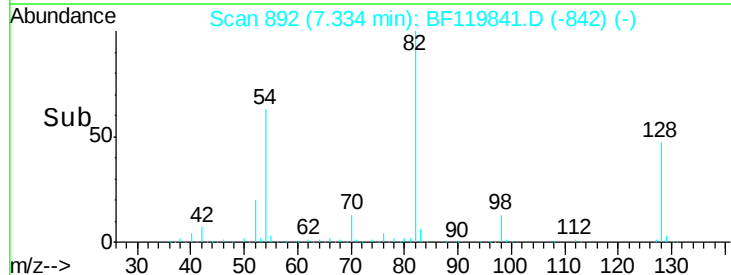


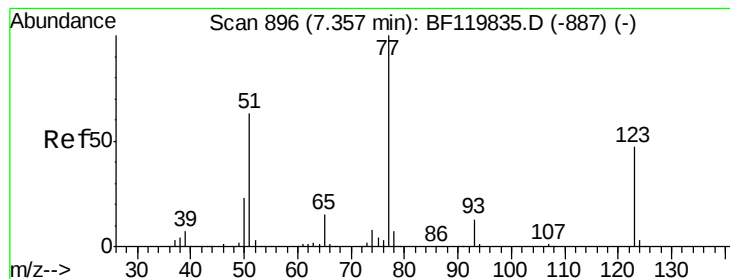
#23
Nitrobenzene-d5
Concen: 92.489 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Tgt Ion: 82	Resp:	1242314
Ion Ratio	Lower	Upper
82	100	
128	47.1	36.2 54.4
54	63.1	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





#24

Nitrobenzene

Concen: 0.236 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

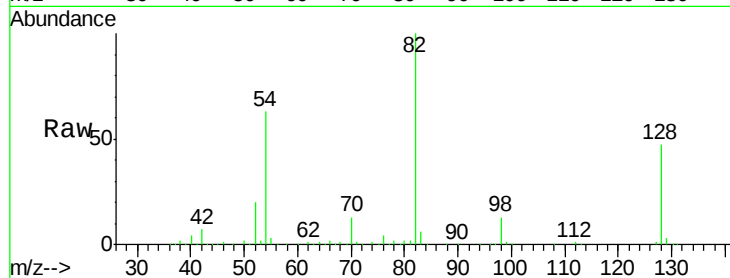
Tot Ion: 77 Resp: 3194

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.8#

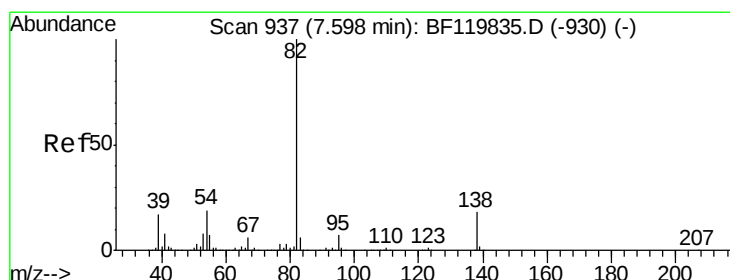
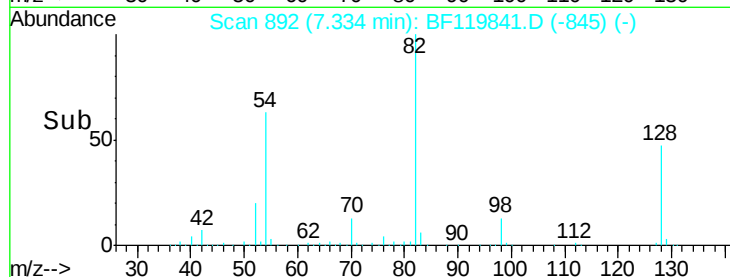
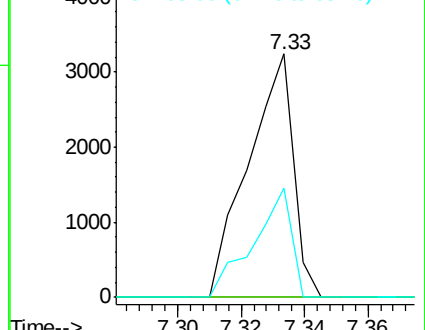
65 44.7 12.2 18.2#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 47.546 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

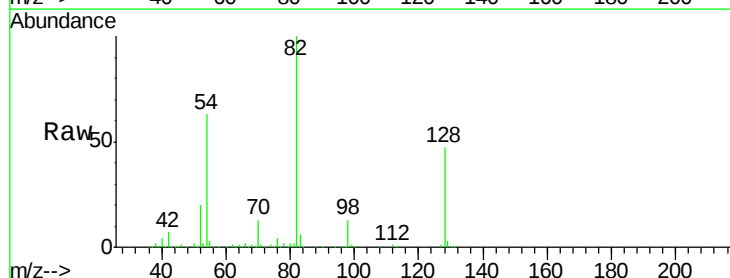
Tgt Ion: 82 Resp: 1231111

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

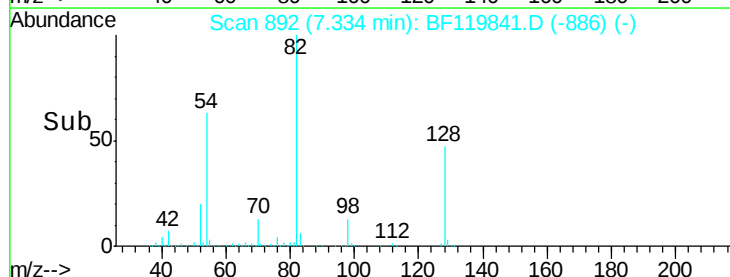
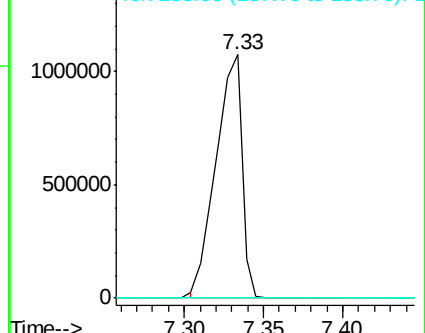
138 0.0 14.5 21.7#

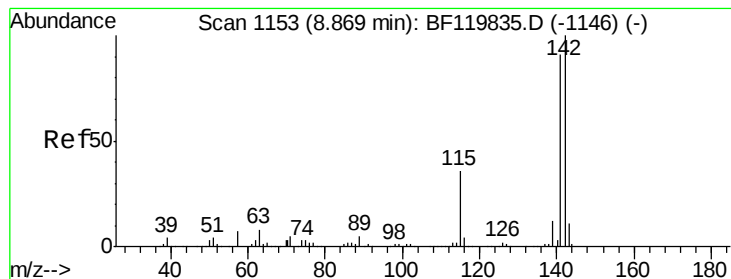


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

1-Methylnaphthalene

Concen: 0.046 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.26 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampled :

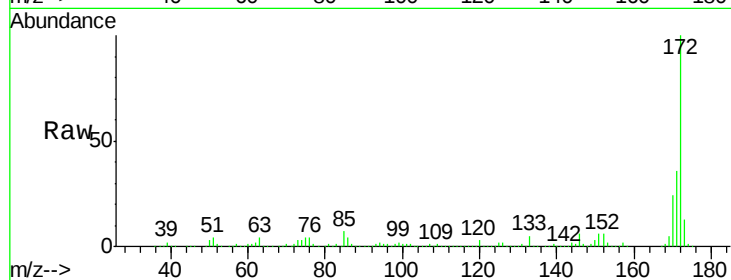
Tot Ion:142 Resp: 1078

Ion Ratio Lower Upper

142 100

141 91.0 72.9 109.3

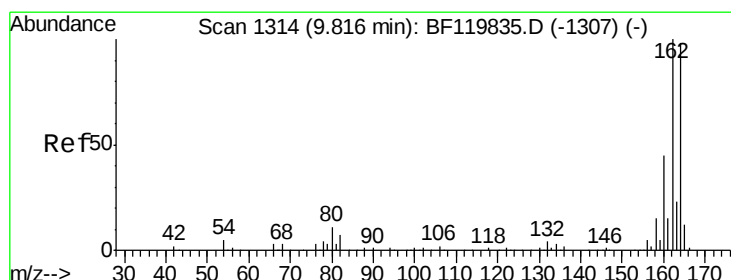
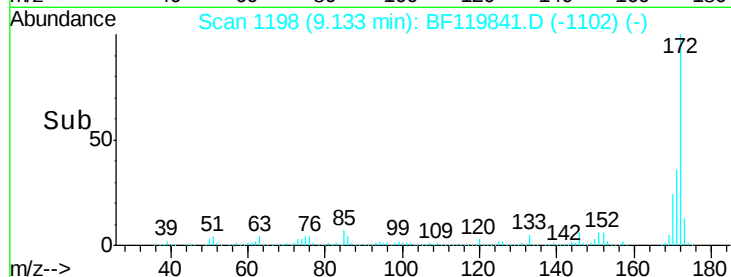
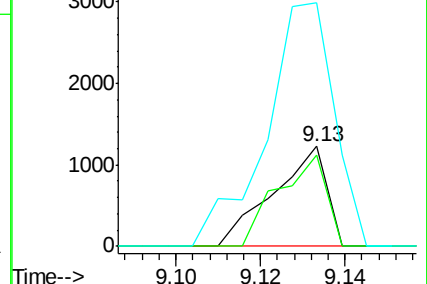
116 243.2 3.0 4.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

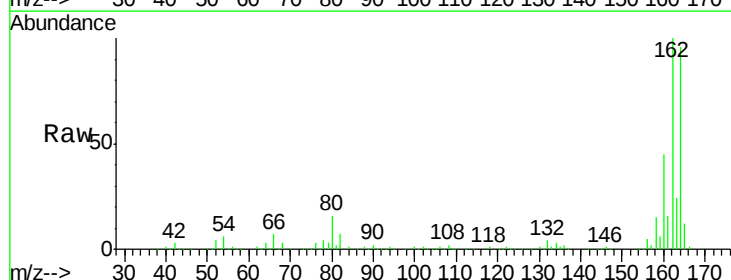
Tgt Ion:164 Resp: 383980

Ion Ratio Lower Upper

164 100

162 104.7 81.9 122.9

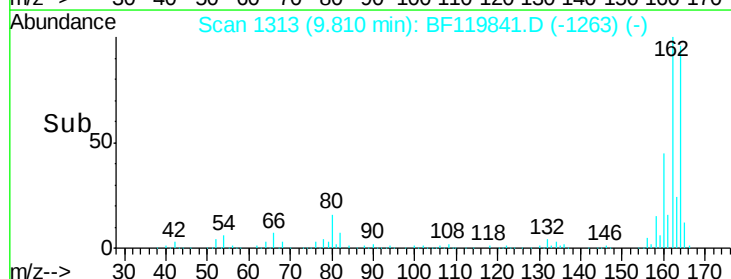
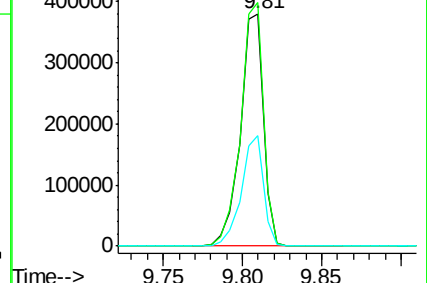
160 47.6 36.6 54.8

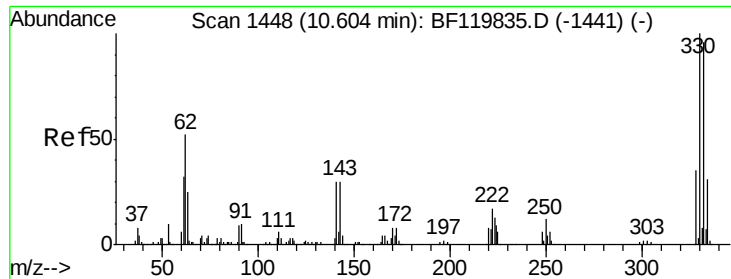


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

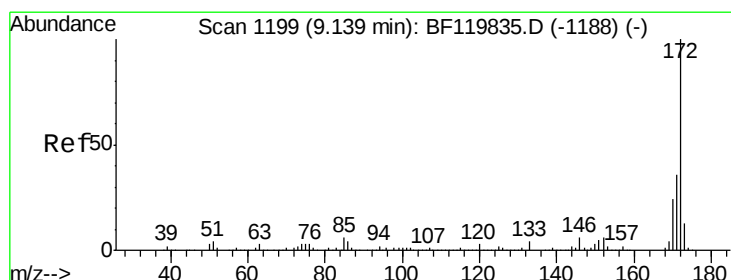
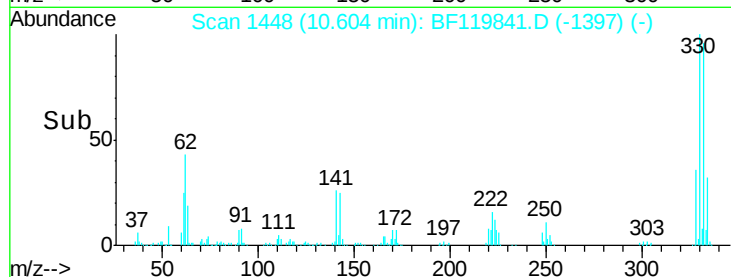
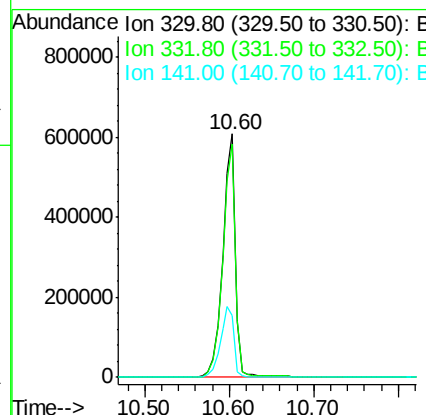
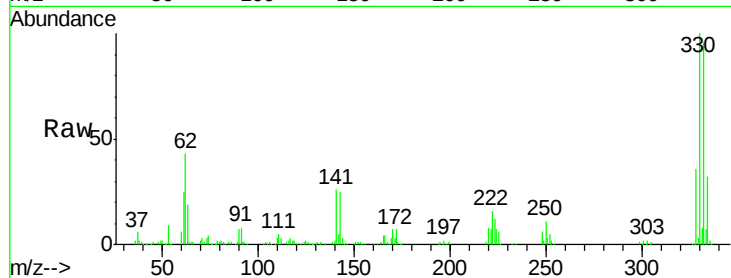




#42
 2,4,6-Tribromophenol
 Concen: 137.413 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119841.D
 Acq: 8 Apr 2020 23:23

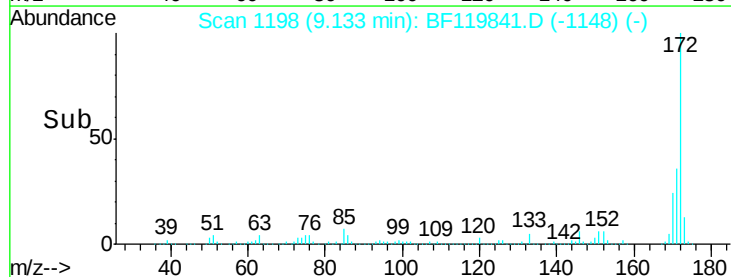
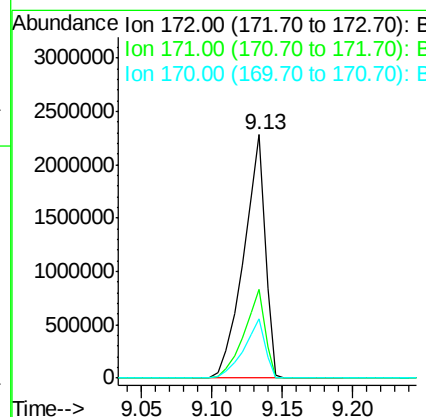
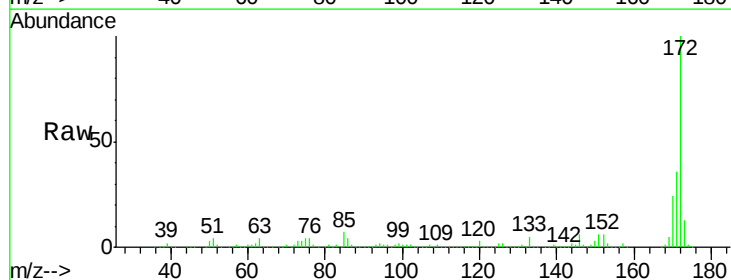
Instrument :
 BNA_F
 ClientSampleId :

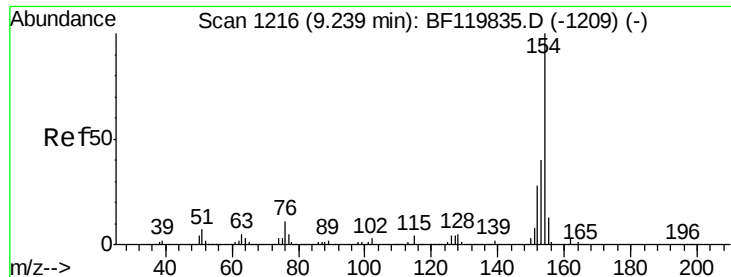
Tot Ion:330 Resp: 646007
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 31.2 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 89.525 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119841.D
 Acq: 8 Apr 2020 23:23

Tgt Ion:172 Resp: 2421210
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.5 19.4 29.2

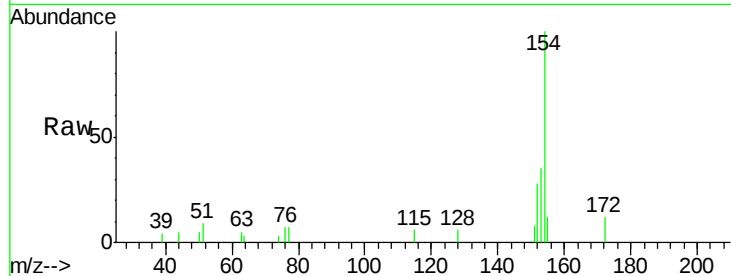




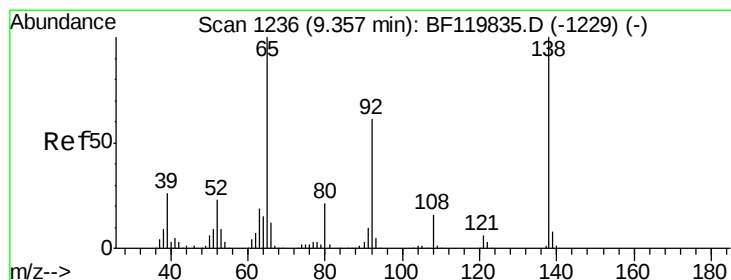
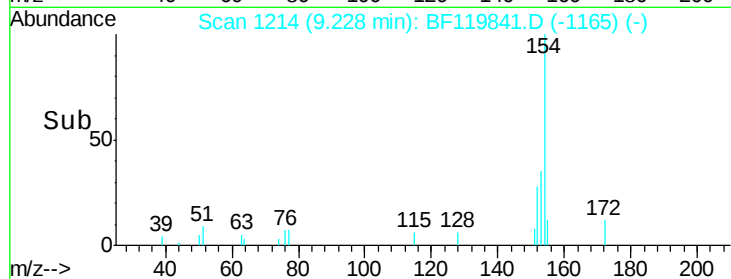
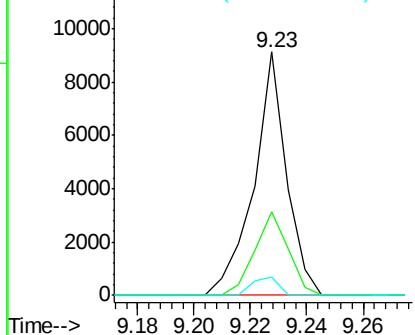
#46
1,1'-Biphenyl
Concen: 0.226 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 7328
Ion Ratio Lower Upper
154 100
153 34.6 20.5 60.5
76 7.3 0.0 30.6

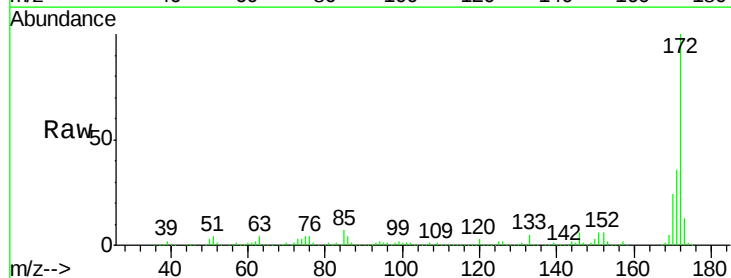


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

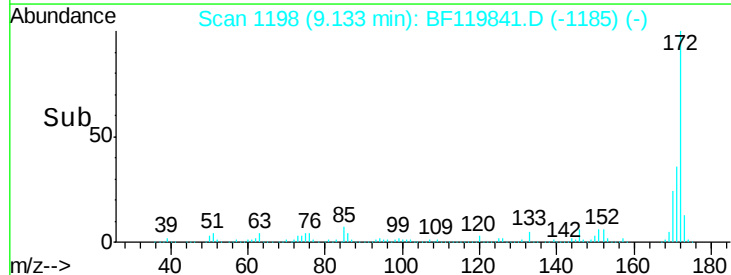
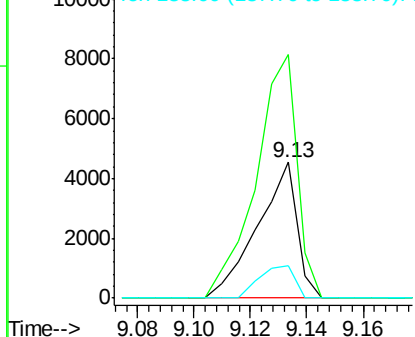


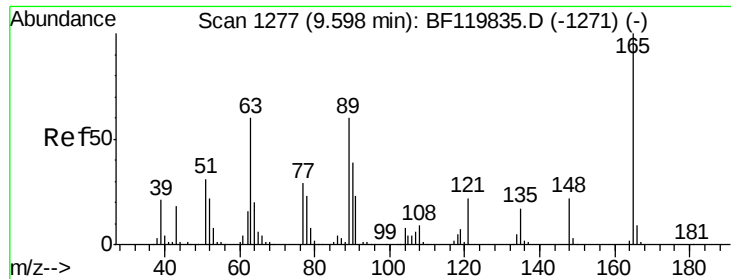
#48
2-Nitroaniline
Concen: 0.487 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.22 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Tgt Ion: 65 Resp: 4403
Ion Ratio Lower Upper
65 100
92 179.2 49.0 73.6#
138 24.2 79.7 119.5#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#51

2,6-Dinitrotoluene

Concen: 7.534 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.21 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

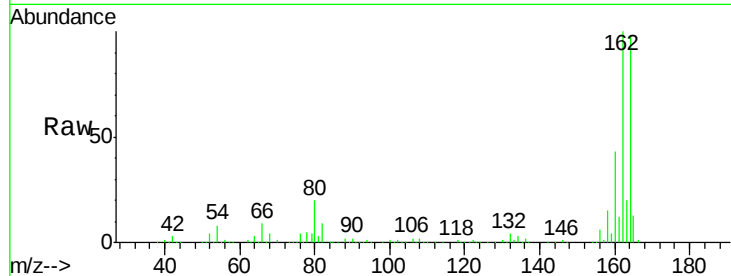
Tot Ion:165 Resp: 49001

Ion Ratio Lower Upper

165 100

63 1.1 55.6 83.4#

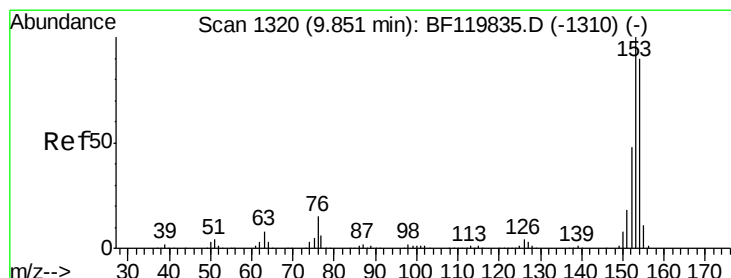
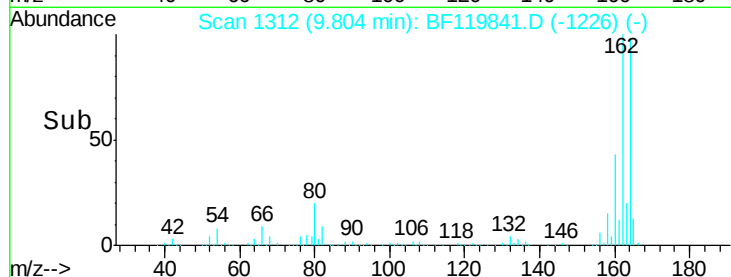
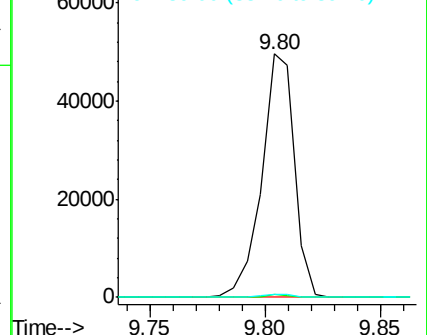
89 1.2 47.9 71.9#



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



#52

Acenaphthene

Concen: 0.054 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

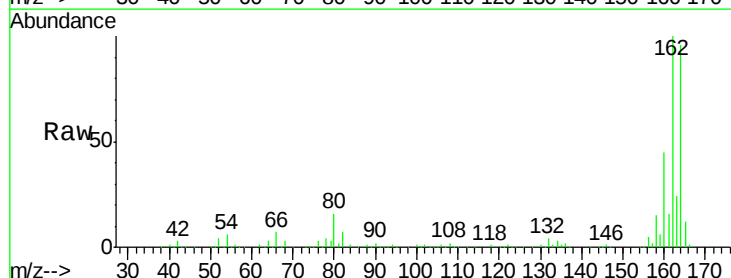
Tgt Ion:154 Resp: 1361

Ion Ratio Lower Upper

154 100

153 0.0 88.8 133.2#

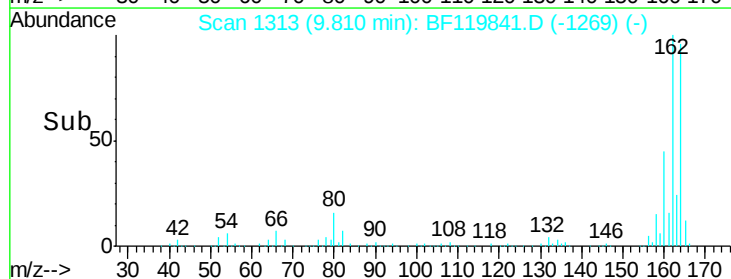
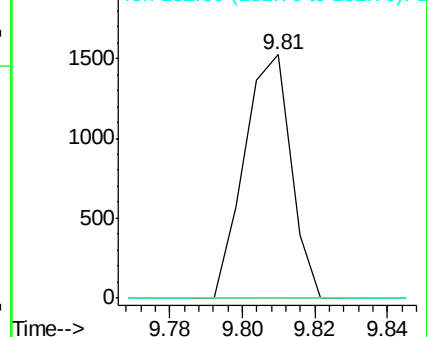
152 0.0 42.4 63.6#

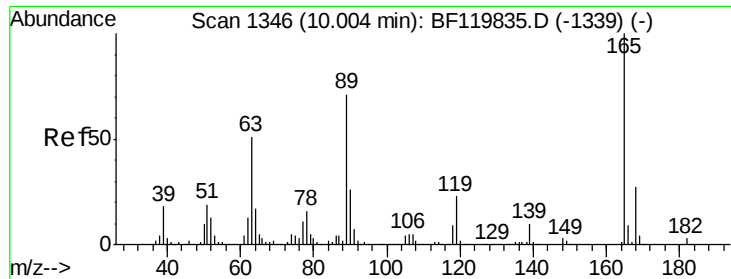


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

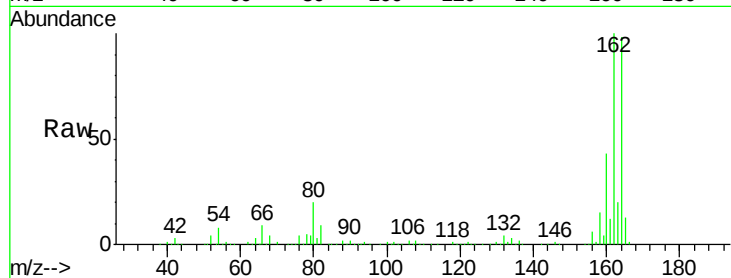




#57
 2,4-Dinitrotoluene
 Concen: 5.718 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.20 min
 Lab File: BF119841.D
 Acq: 8 Apr 2020 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.8	61.2#
89	1.2	56.9	85.3#
182	0.0	2.0	3.0#

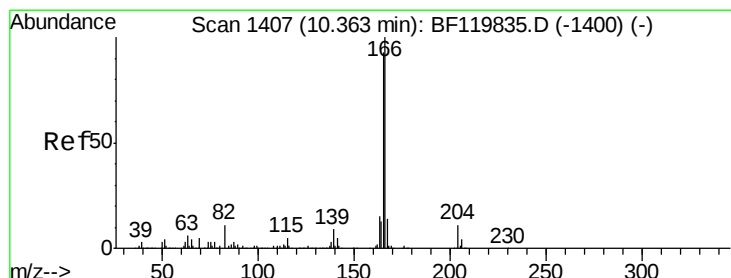
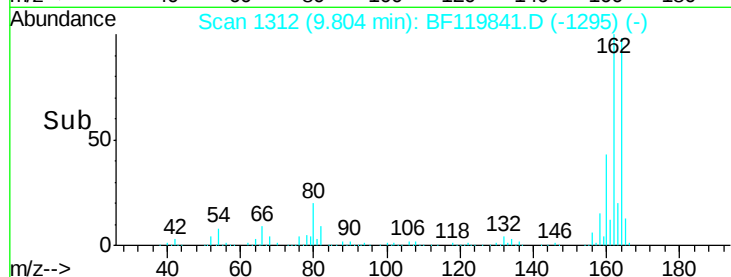
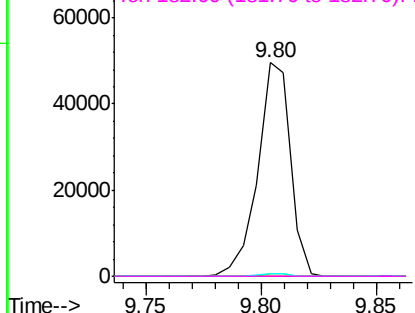


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

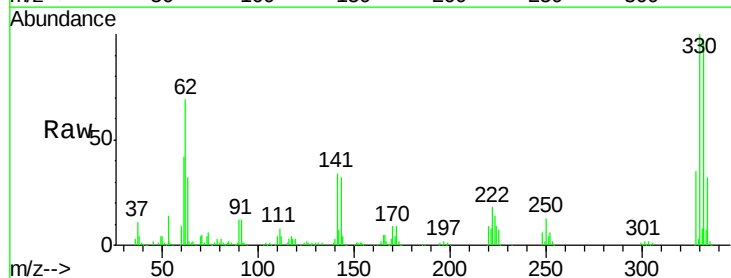
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 0.973 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.24 min
 Lab File: BF119841.D
 Acq: 8 Apr 2020 23:23

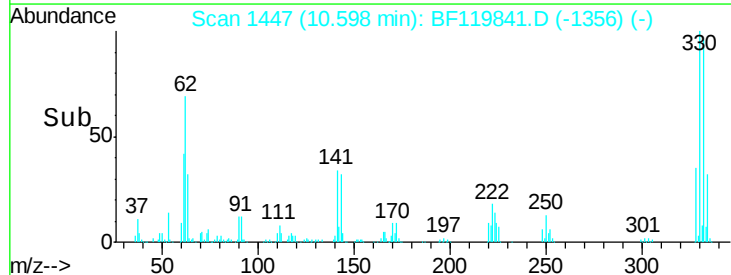
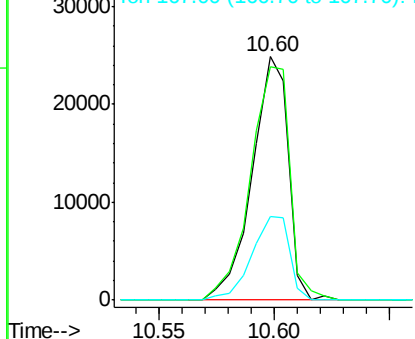
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	74.2	111.2
167	39.3	10.8	16.2#

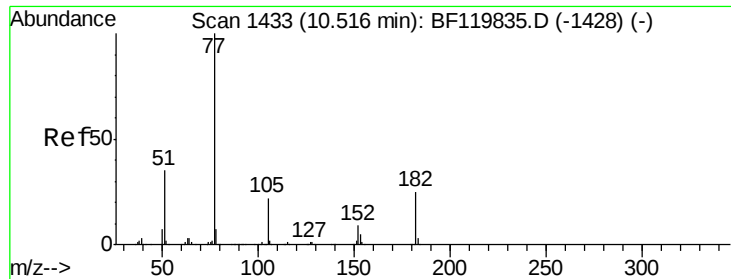


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Azobenzene

Concen: 0.101 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.08 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2787

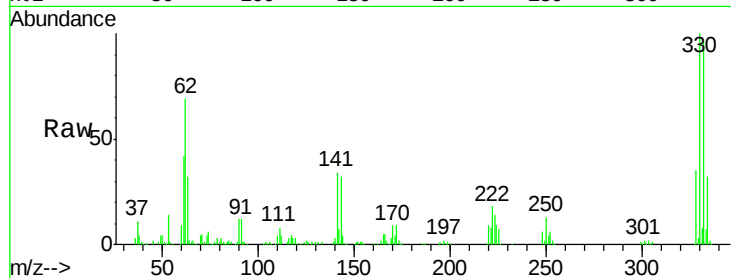
Ion Ratio Lower Upper

77 100

182 0.0 4.5 44.5#

105 88.1 2.2 42.2#

51 108.4 15.1 55.1#

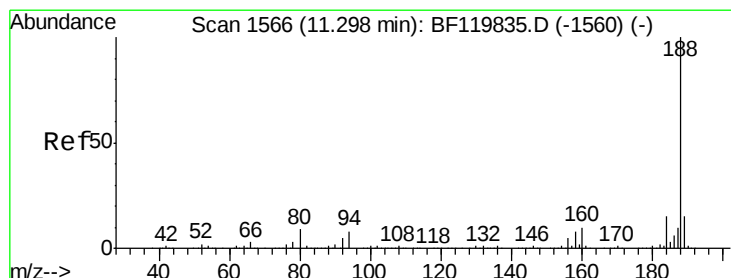
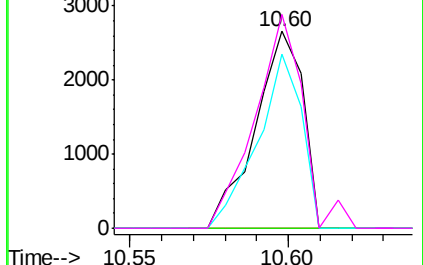
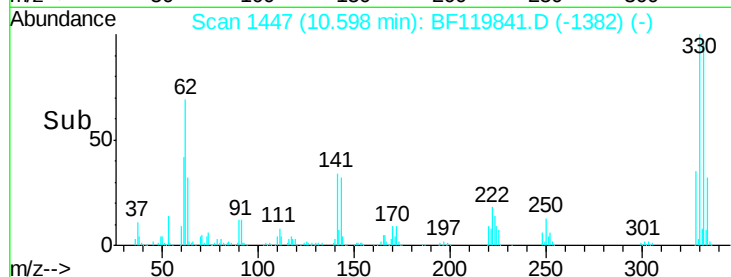


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

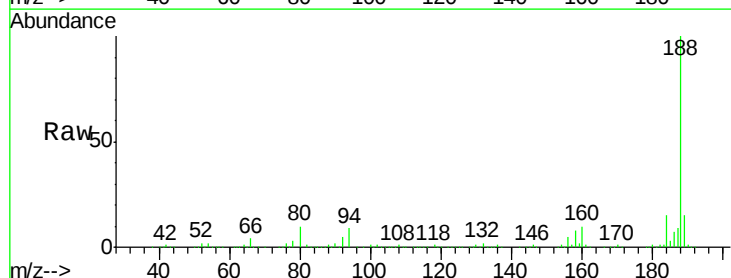
Tgt Ion: 188 Resp: 720943

Ion Ratio Lower Upper

188 100

94 9.4 6.7 10.1

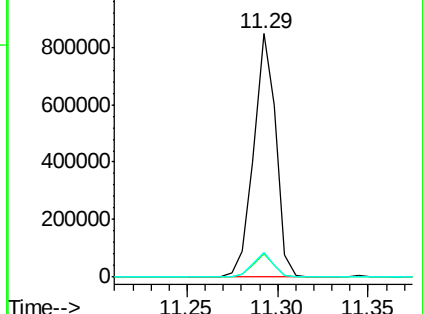
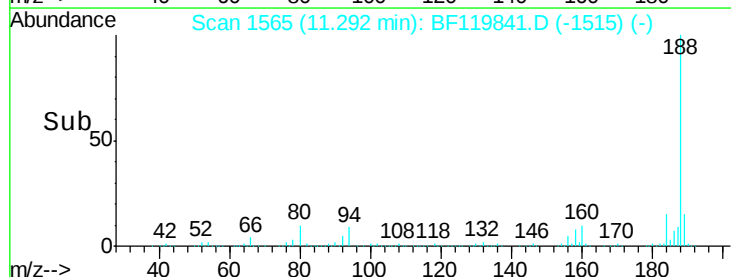
80 10.1 7.4 11.2

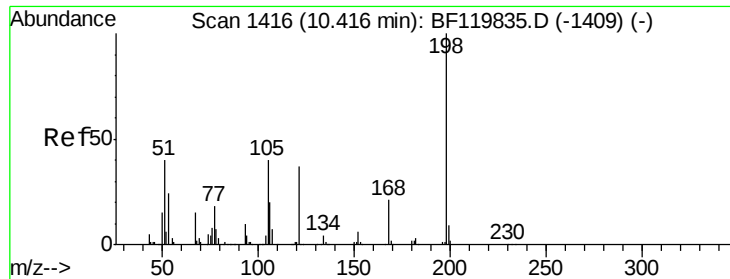


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 0.217 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.19 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

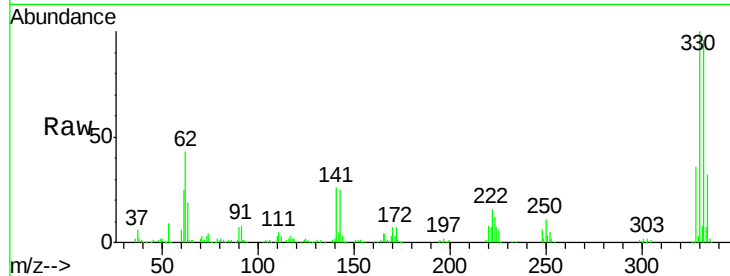
Tot Ion:198 Resp: 1031

Ion Ratio Lower Upper

198 100

51 198.7 25.2 65.2#

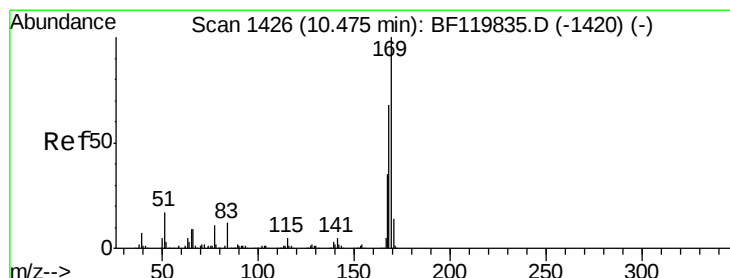
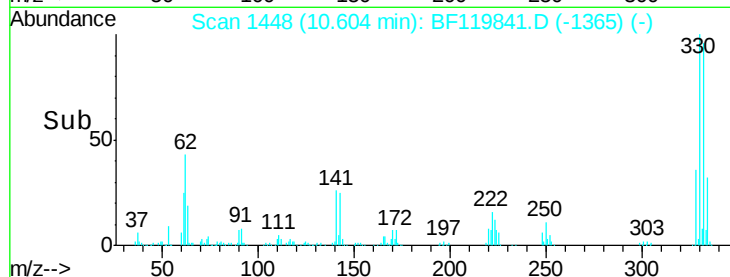
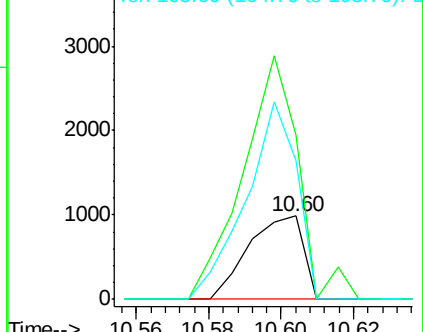
105 166.5 20.8 60.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.810 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.12 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

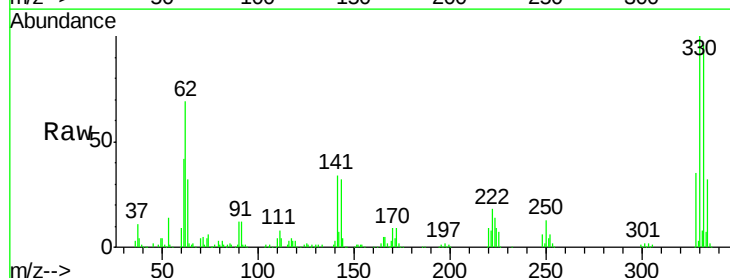
Tgt Ion:169 Resp: 19416

Ion Ratio Lower Upper

169 100

168 13.7 54.2 81.4#

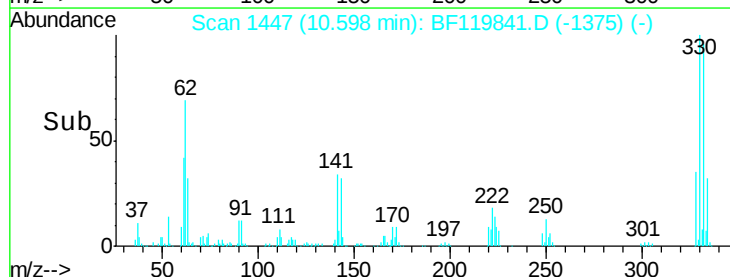
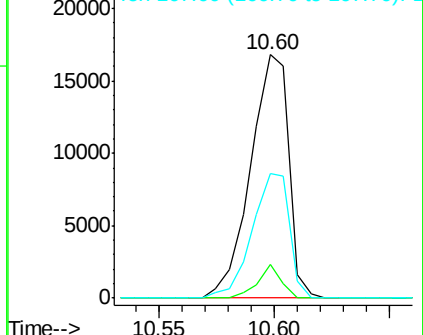
167 58.1 28.3 42.5#

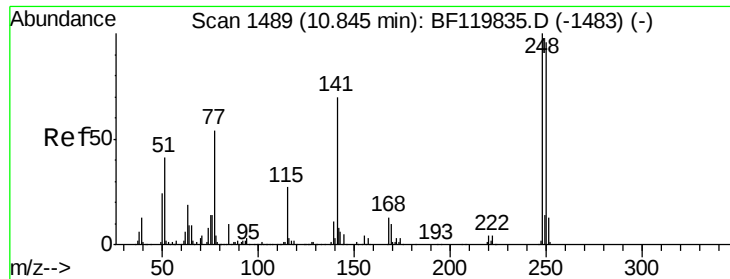


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

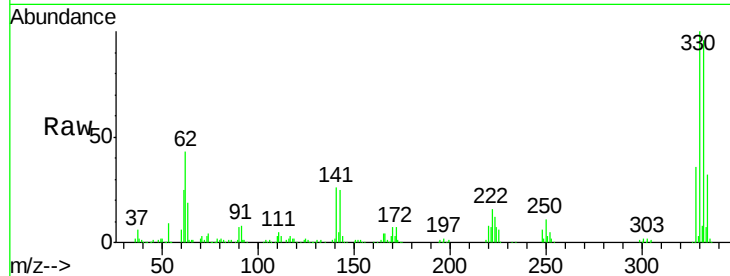




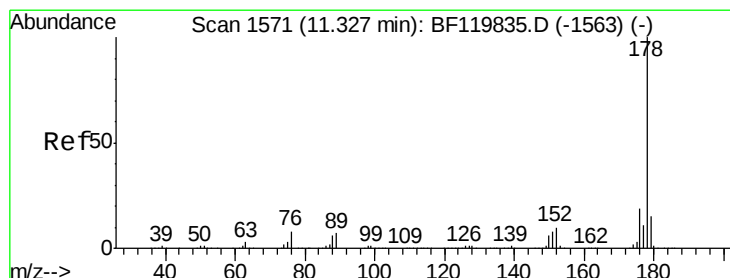
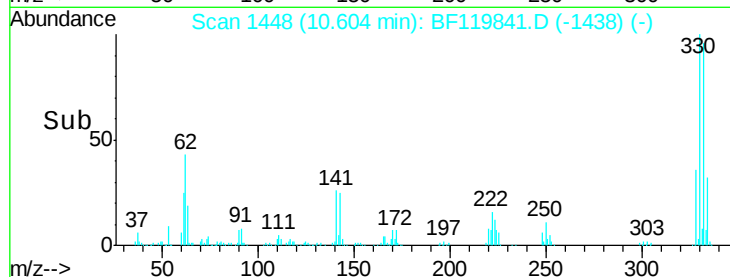
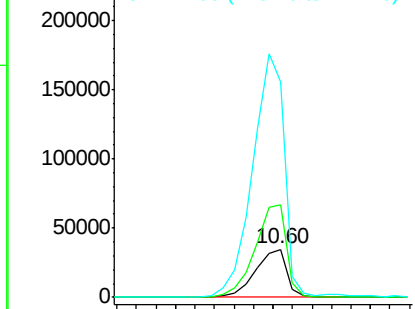
#67
 4-Bromophenyl-phenylether
 Concen: 4.329 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF119841.D
 Acq: 8 Apr 2020 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 38809
 Ion Ratio Lower Upper
 248 100
 250 194.3 76.6 114.8#
 141 450.8 55.9 83.9#

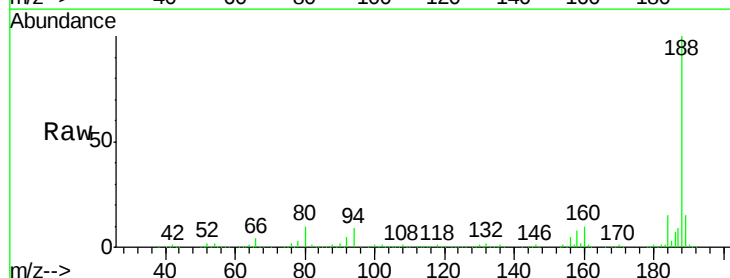


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

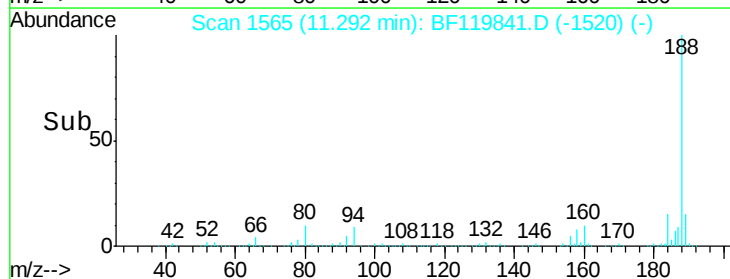
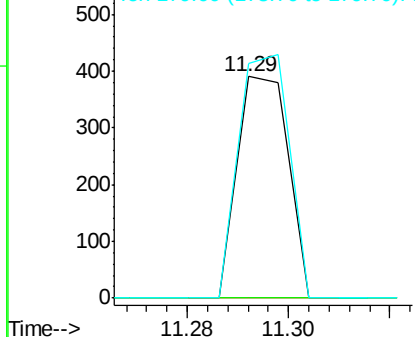


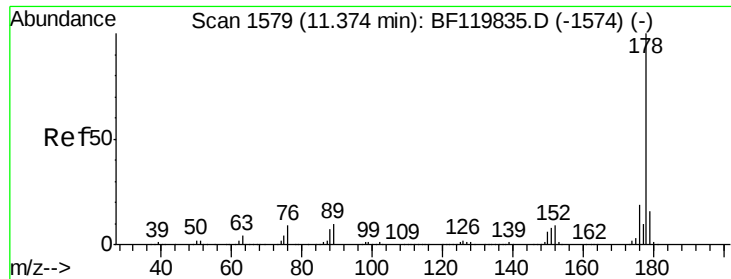
#71
 Phenanthrene
 Concen: 0.007 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.04 min
 Lab File: BF119841.D
 Acq: 8 Apr 2020 23:23

Tgt Ion:178 Resp: 272
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.1 22.7#
 179 105.6 12.2 18.4#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.007 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.08 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

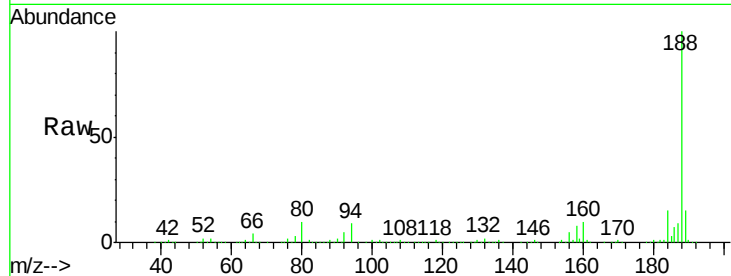
Tot Ion:178 Resp: 272

Ion Ratio Lower Upper

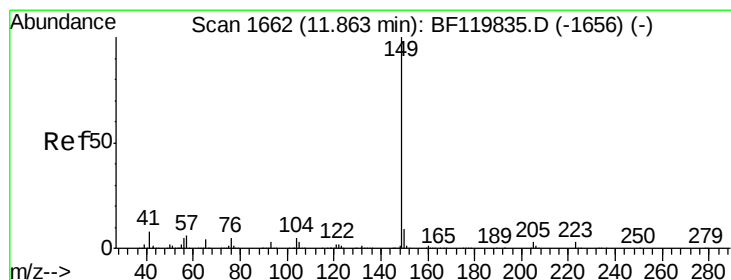
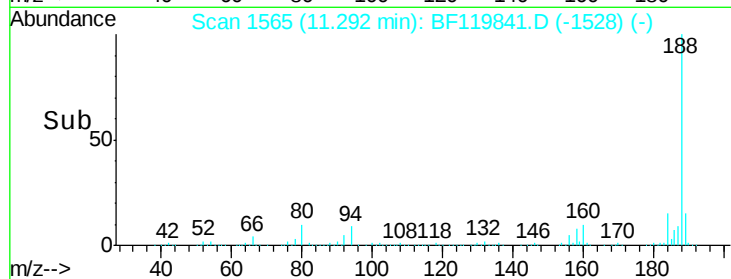
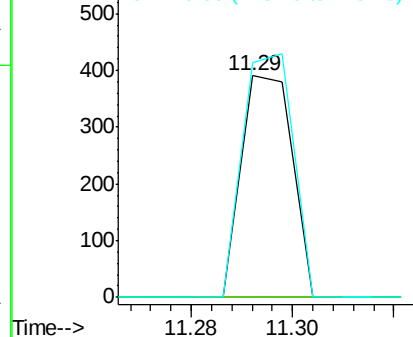
178 100

176 0.0 15.4 23.2#

179 105.6 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 0.009 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

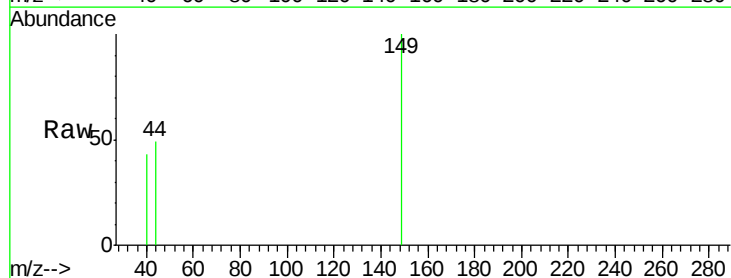
Tgt Ion:149 Resp: 459

Ion Ratio Lower Upper

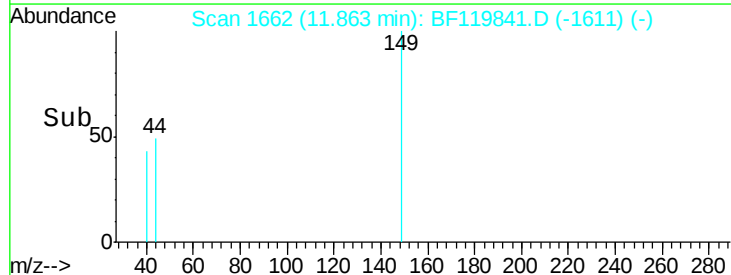
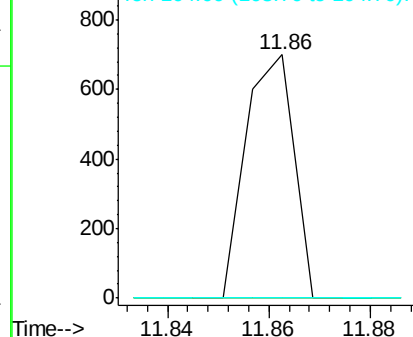
149 100

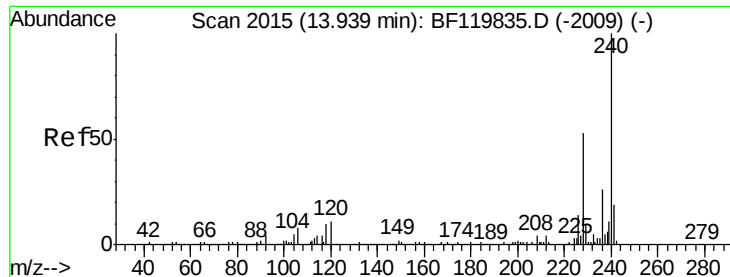
150 0.0 7.6 11.4#

104 0.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

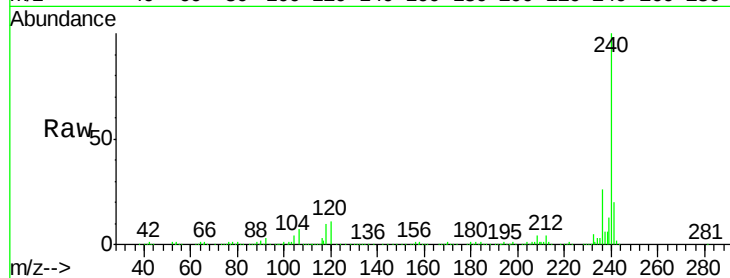
Tot Ion:240 Resp: 620494

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.6

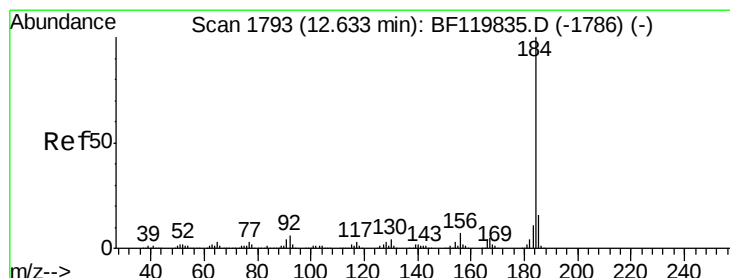
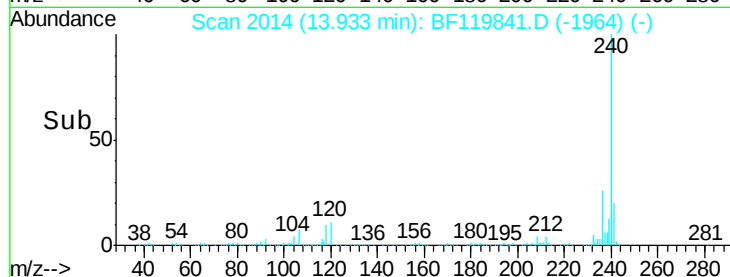
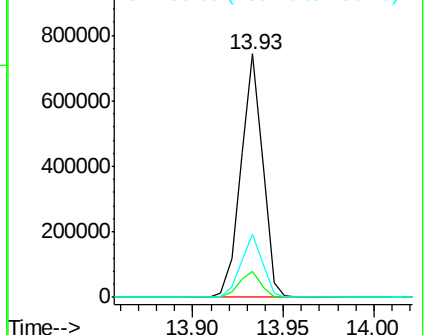
236 25.9 20.7 31.1



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



#77

Benzidine

Concen: 1.837 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.26 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

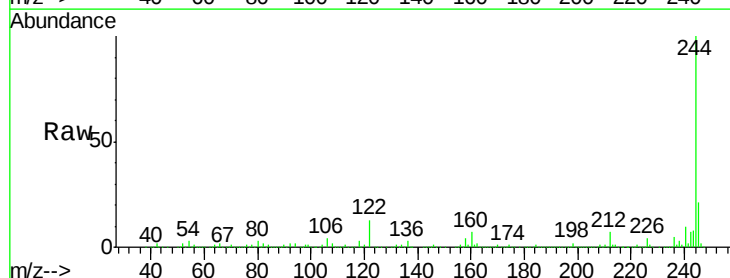
Tgt Ion:184 Resp: 38523

Ion Ratio Lower Upper

184 100

185 16.8 13.2 19.8

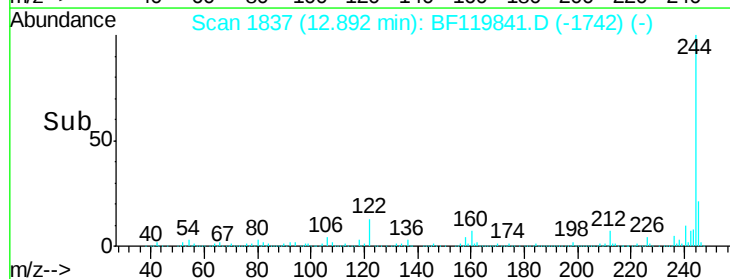
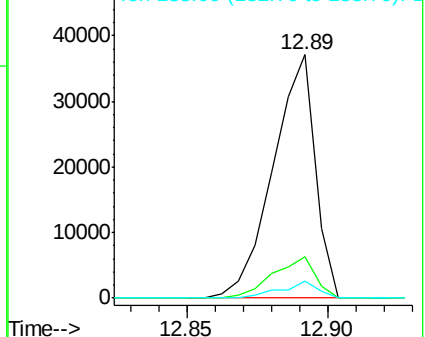
183 7.0 9.1 13.7#

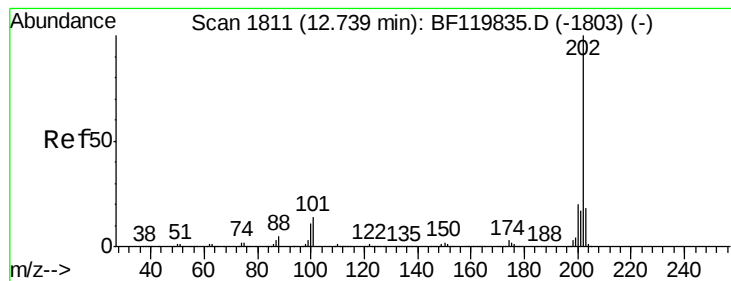


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.191 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.15 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

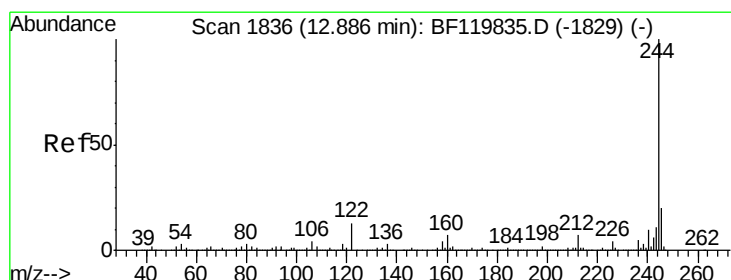
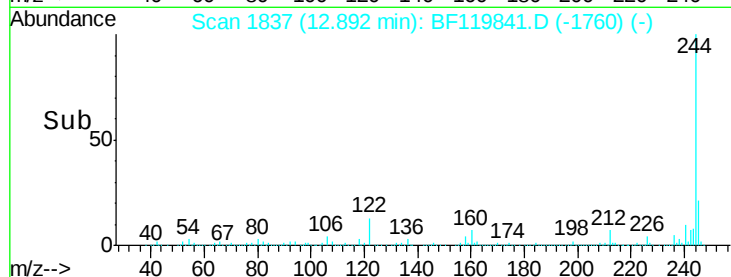
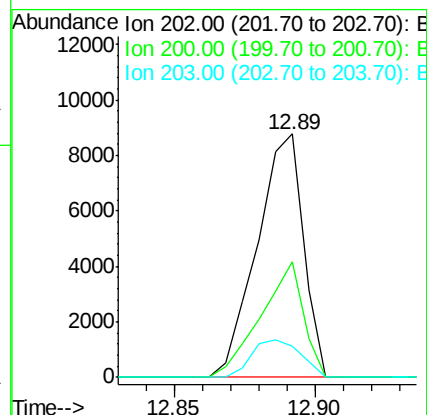
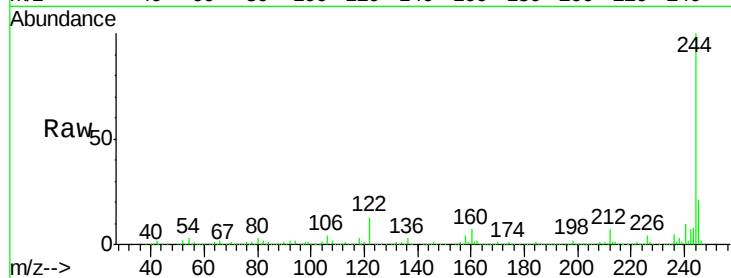
Tot Ion:202 Resp: 9979

Ion Ratio Lower Upper

202 100

200 47.7 16.2 24.2#

203 13.0 14.1 21.1#



#79

Terphenyl-d14

Concen: 85.010 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

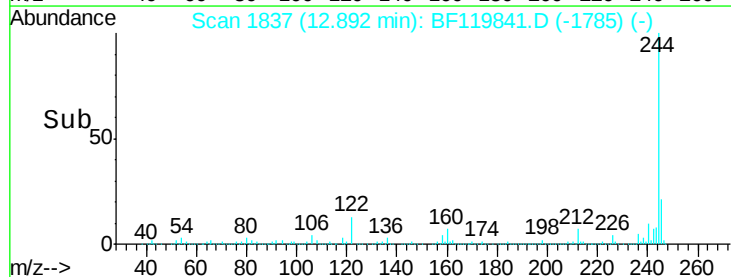
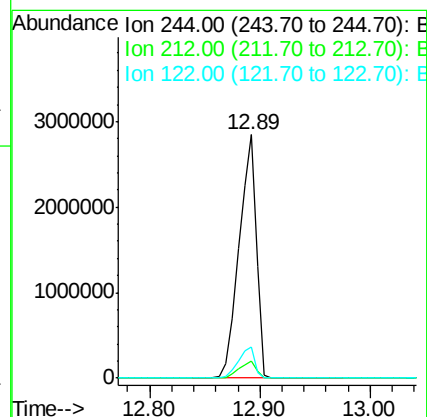
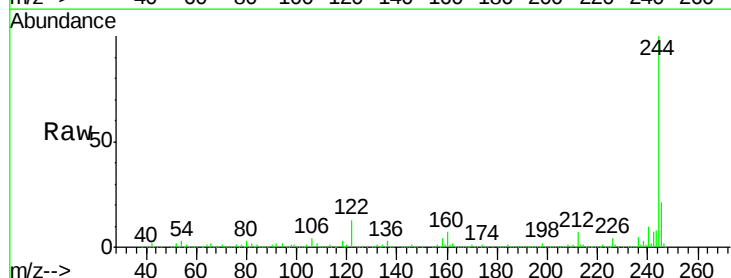
Tgt Ion:244 Resp: 3134823

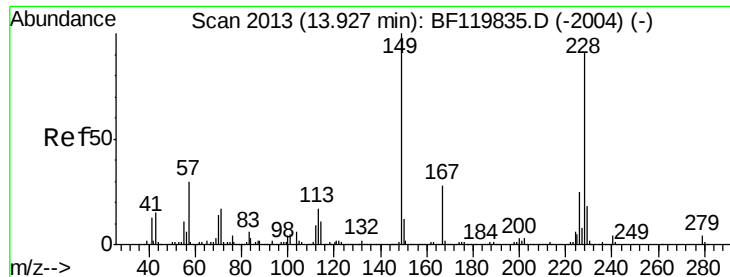
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 12.9 10.3 15.5





#81

Benzo(a)anthracene

Concen: 0.029 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

Instrument :

BNA_F

ClientSampleId :

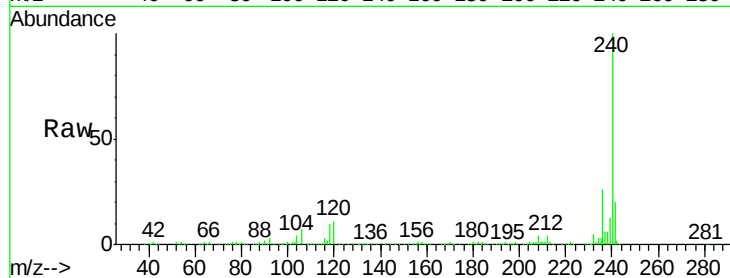
Tot Ion:228 Resp: 1199

Ion Ratio Lower Upper

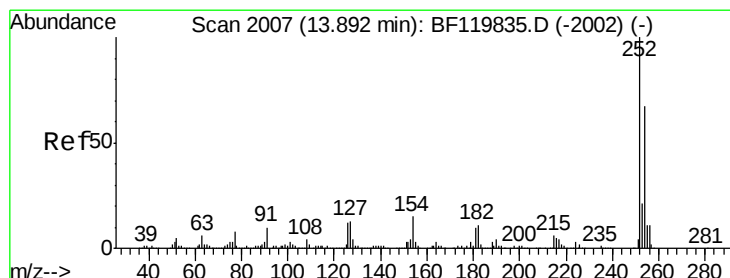
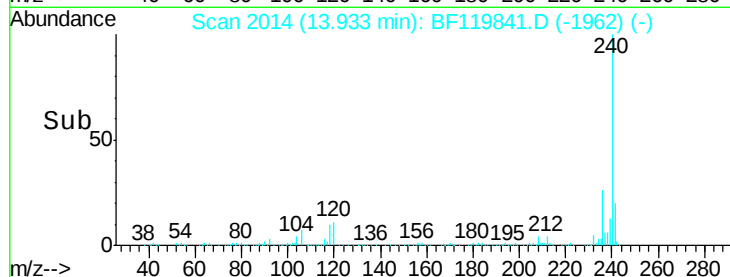
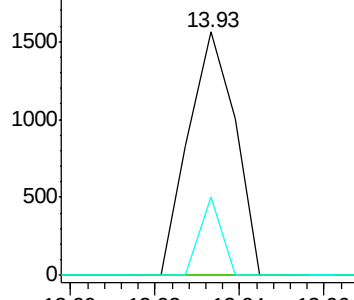
228 100

226 0.0 21.9 32.9#

229 32.1 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119841.D

Acq: 8 Apr 2020 23:23

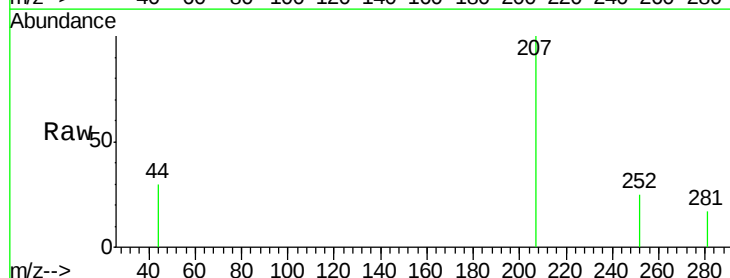
Tgt Ion:252 Resp: 158

Ion Ratio Lower Upper

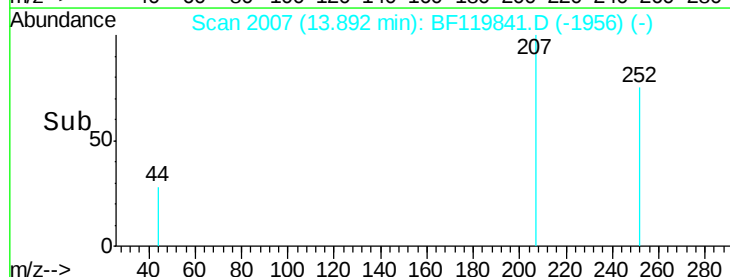
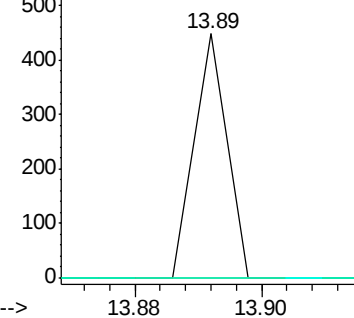
252 100

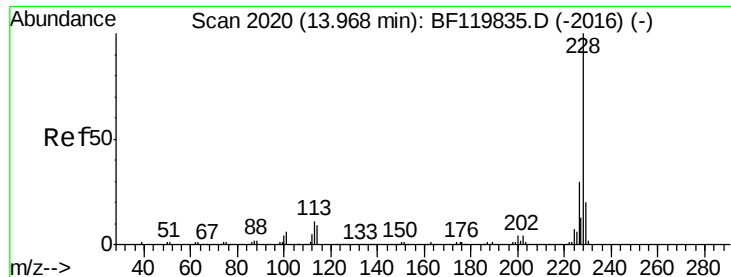
254 0.0 53.9 80.9#

126 0.0 9.7 14.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

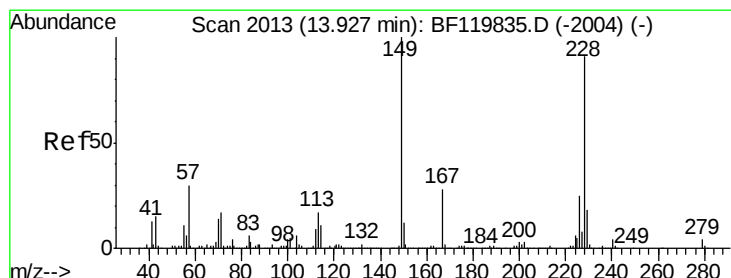
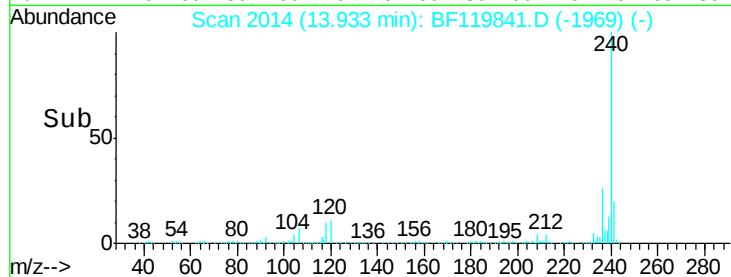
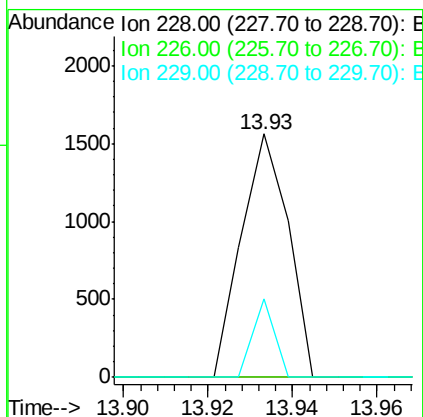
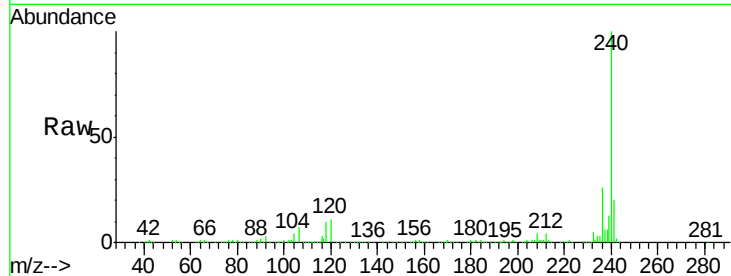




#83
 Chrysene
 Concen: 0.029 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.04 min
 Lab File: BF119841.D
 Acq: 8 Apr 2020 23:23

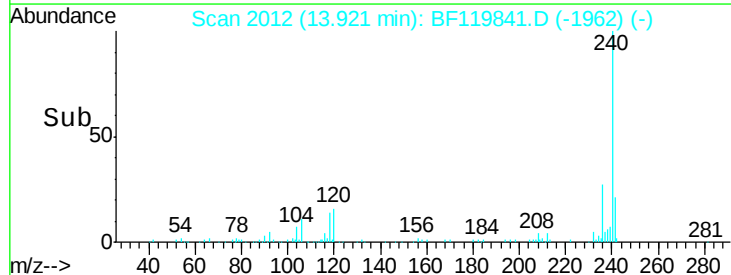
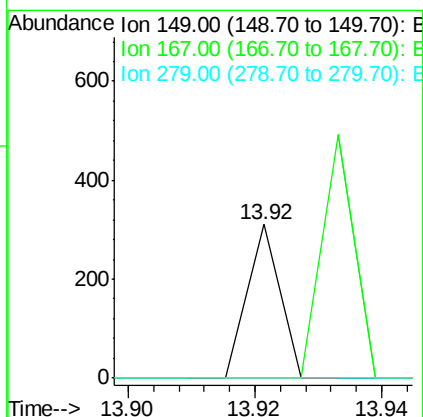
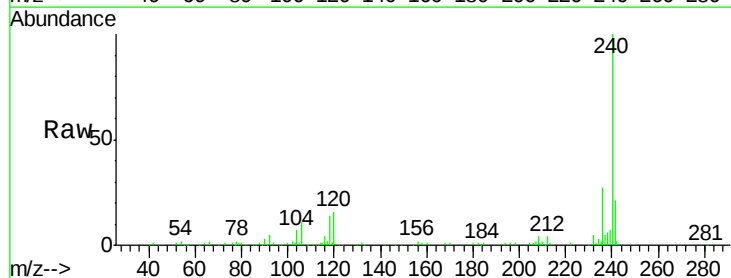
Instrument :
 BNA_F
 ClientSampled :

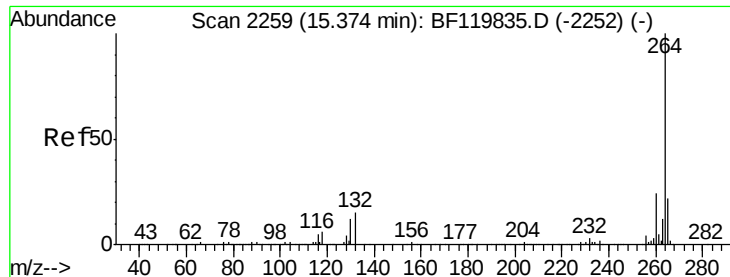
Tot Ion:228 Resp: 1199
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.2 36.2#
 229 32.1 15.9 23.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.003 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF119841.D
 Acq: 8 Apr 2020 23:23

Tgt Ion:149 Resp: 109
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.2 33.2#
 279 0.0 3.4 5.0#

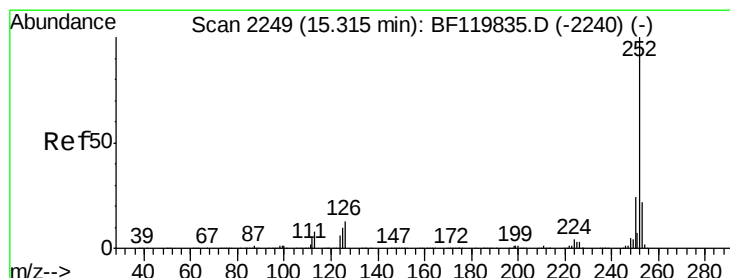
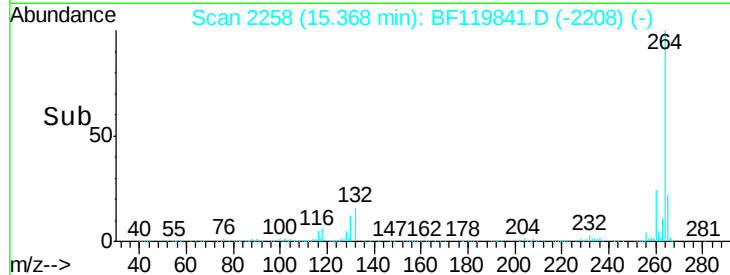
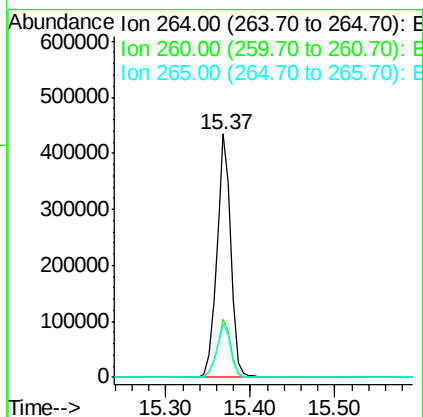
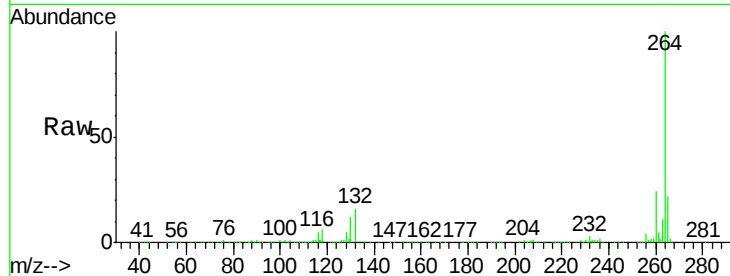




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 509261
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 21.9 17.6 26.4



#90
Benzo(a)pyrene
Concen: 0.058 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.05 min
Lab File: BF119841.D
Acq: 8 Apr 2020 23:23

Tgt Ion:252 Resp: 1793
Ion Ratio Lower Upper
252 100
253 43.2 17.4 26.2#
125 32.3 8.3 12.5#

