

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119843.D
 Acq On : 9 Apr 2020 00:17
 Operator : MA/SJ
 Sample : PB128044BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 02:03:00 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	148023	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	567683	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	300262	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	629254	20.00	ng	0.00
76) Chrysene-d12	13.93	240	564813	20.00	ng	0.00
87) Perylene-d12	15.37	264	533367	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1351080	157.74	ng	0.01
7) Phenol-d6	6.40	99	1749641	158.53	ng	0.00
23) Nitrobenzene-d5	7.33	82	1095844	99.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	549053	149.35	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2116011	100.06	ng	0.00
79) Terphenyl-d14	12.89	244	2751325	81.97	ng	0.00

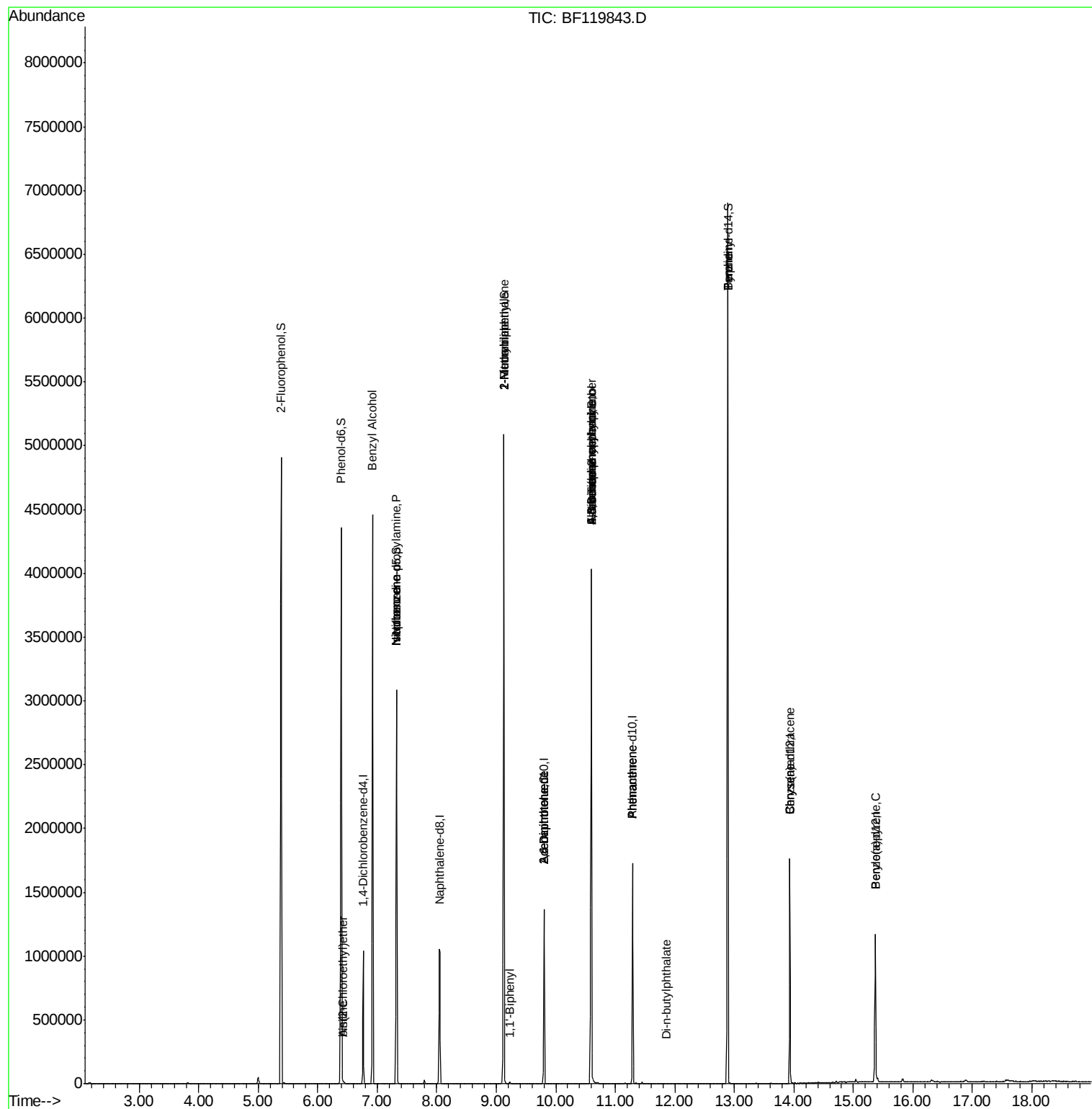
Target Compounds				Qvalue		
6) Aniline	6.43	93	252	0.017	ng	# 1
9) Benzaldehyde	6.40	77	2436	Below	Cal	# 1
11) bis(2-Chloroethyl)ether	6.43	93	252	0.026	ng	# 15
15) Benzyl Alcohol	6.92	79	18433	2.150	ng	# 51
19) n-Nitroso-di-n-propylamine	7.33	70	143838	20.267	ng	# 76
24) Nitrobenzene	7.33	77	3255	0.295	ng	# 36
25) Isophorone	7.33	82	1083966	51.244	ng	# 65
38) 1-Methylnaphthalene	9.13	142	959	0.050	ng	# 42
46) 1,1'-Biphenyl	9.23	154	5689	0.224	ng	# 97
48) 2-Nitroaniline	9.13	65	3956	0.559	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	39060	7.680	ng	# 19
52) Acenaphthene	9.81	154	765	0.039	ng	# 5
57) 2,4-Dinitrotoluene	9.80	165	39060	5.829	ng	# 22
58) Fluorene	10.60	166	22317	1.027	ng	# 84
63) Azobenzene	10.60	77	2108	0.098	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.60	198	1017	0.245	ng	# 1
66) n-Nitrosodiphenylamine	10.60	169	16430	0.785	ng	# 45
67) 4-Bromophenyl-phenylether	10.60	248	32555	4.160	ng	# 1
71) Phenanthrene	11.29	178	135	0.004	ng	# 1
72) Anthracene	11.29	178	135	0.004	ng	# 1
74) Di-n-butylphthalate	11.86	149	218	0.005	ng	# 78
77) Benzidine	12.89	184	32923	1.724	ng	# 94
78) Pyrene	12.89	202	9013	0.189	ng	# 71
81) Benzo(a)anthracene	13.93	228	1387	0.037	ng	# 67
83) Chrysene	13.93	228	1387	0.037	ng	# 64
90) Benzo(a)pyrene	15.37	252	1751	0.054	ng	# 68

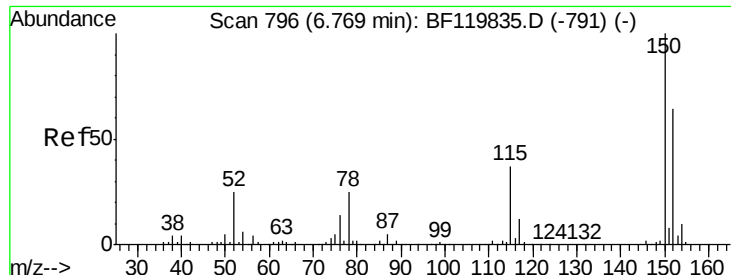
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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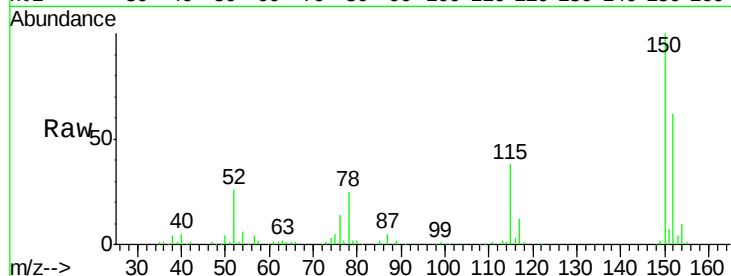


#1

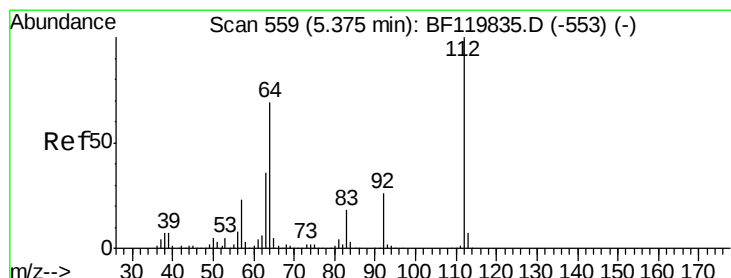
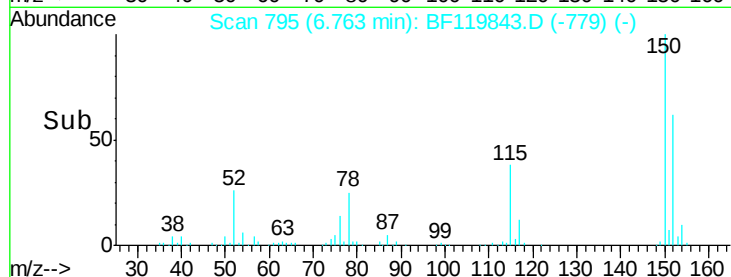
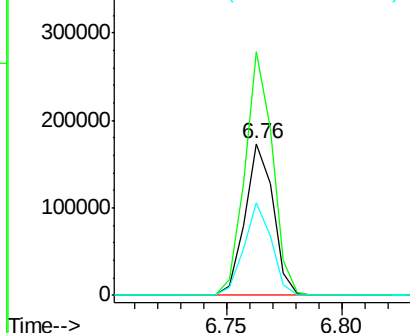
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148023
Ion Ratio Lower Upper
152 100
150 160.3 124.8 187.2
115 60.7 46.5 69.7



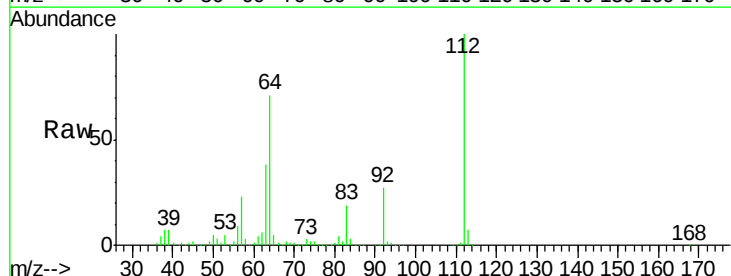
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



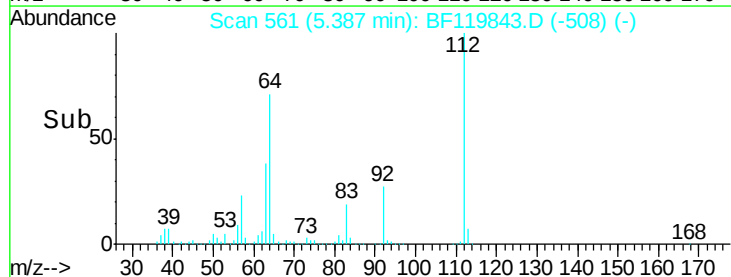
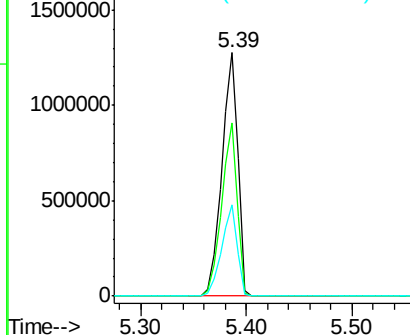
#5

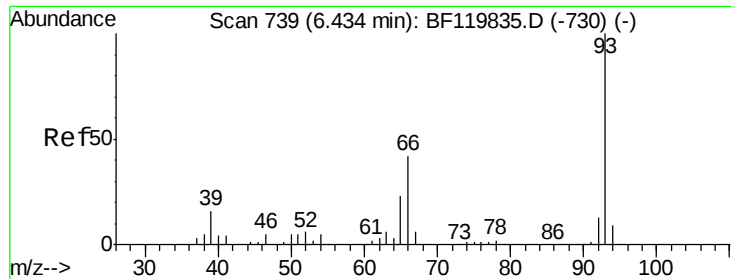
2-Fluorophenol
Concen: 157.740 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:112 Resp: 1351080
Ion Ratio Lower Upper
112 100
64 71.2 55.5 83.3
63 37.5 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: 0.017 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

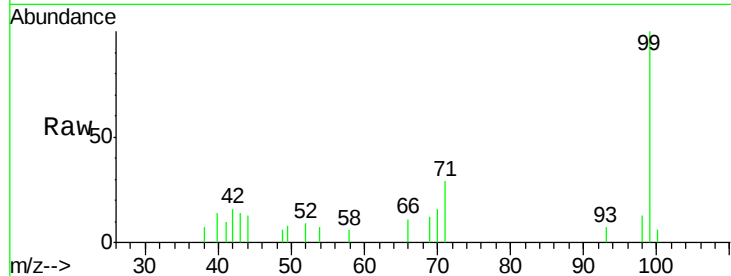
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 252

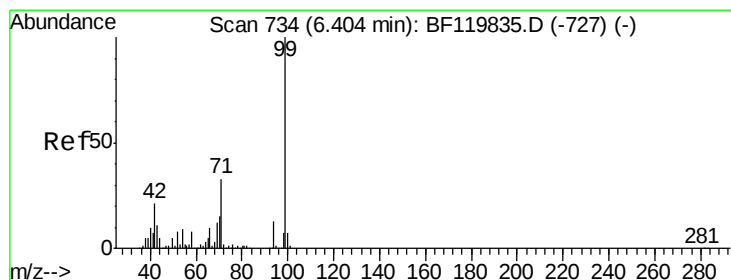
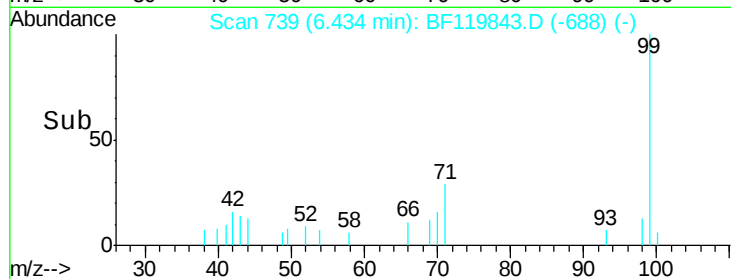
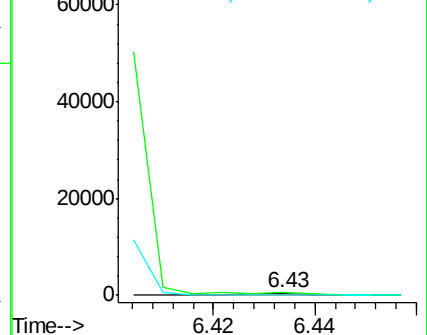
Ion	Ratio	Lower	Upper
93	100		
66	154.6	34.2	51.2#
65	0.0	18.3	27.5#



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: 158.529 ng

RT: 6.40 min Scan# 733

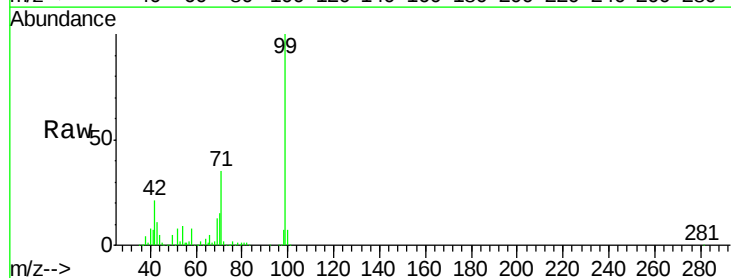
Delta R.T. -0.01 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

Tgt Ion: 99 Resp: 1749641

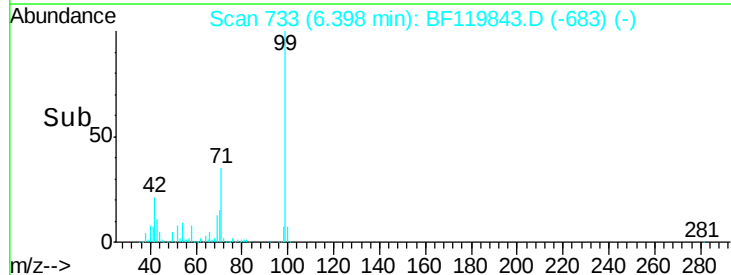
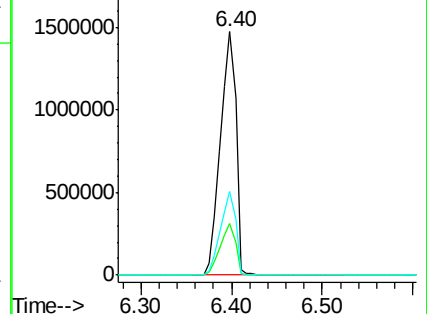
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.9	25.3
71	34.6	26.3	39.5

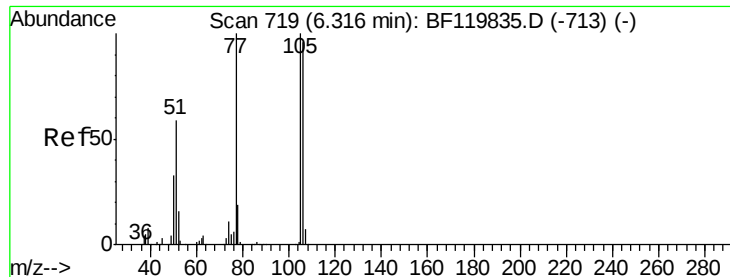


Abundance Ion 99.00 (98.70 to 99.70): BF1

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# 733

Delta R.T. 0.08 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

Instrument :

BNA_F

ClientSampleId :

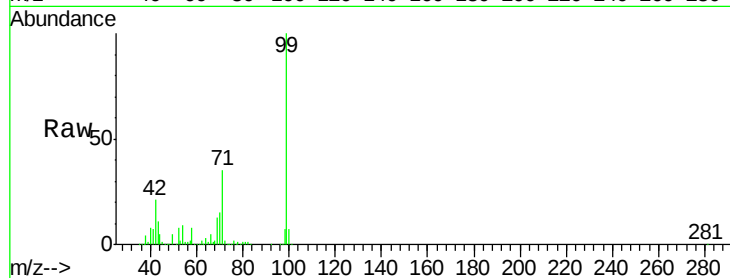
Tot Ion: 77 Resp: 2436

Ion Ratio Lower Upper

77 100

105 0.0 79.9 119.9#

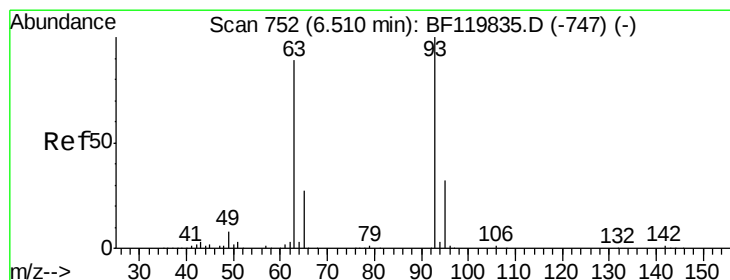
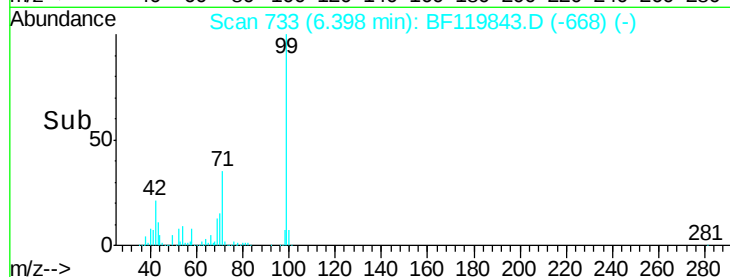
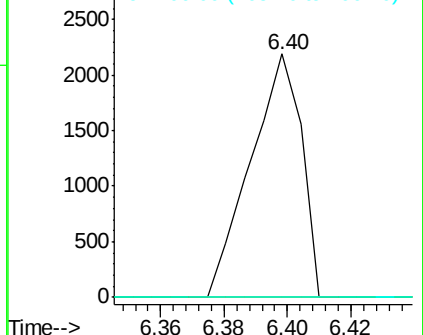
106 0.0 76.4 116.4#



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: 0.026 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.08 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

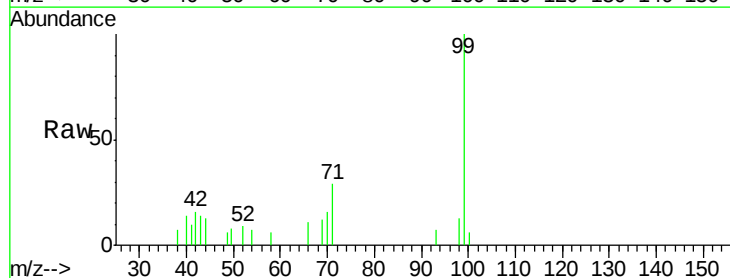
Tgt Ion: 93 Resp: 252

Ion Ratio Lower Upper

93 100

63 0.0 69.1 109.1#

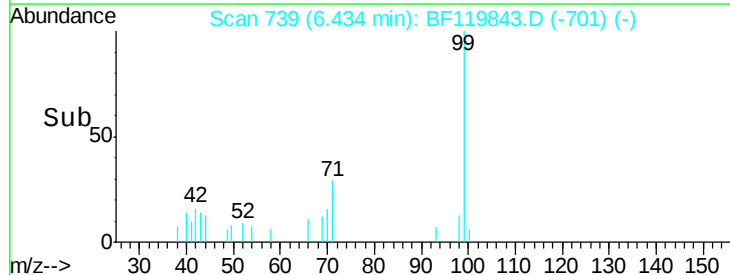
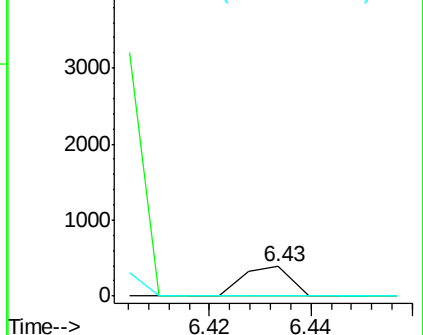
95 0.0 12.3 52.3#

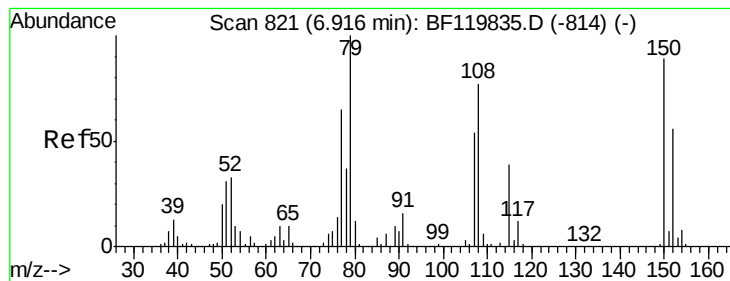


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 2.150 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

Instrument :

BNA_F

ClientSampleId :

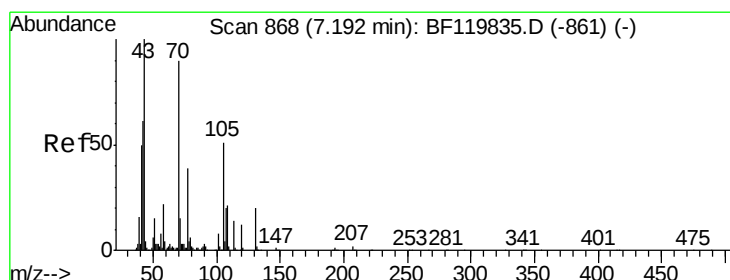
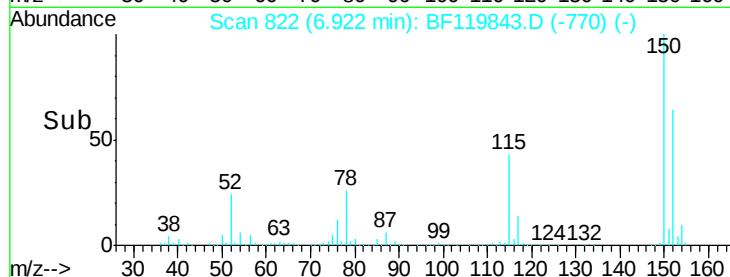
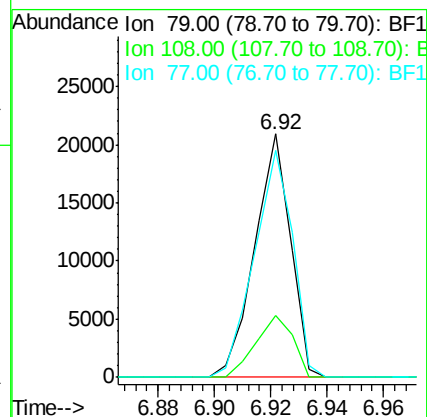
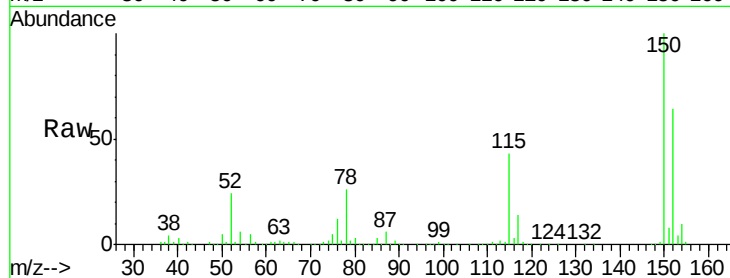
Tot Ion: 79 Resp: 18433

Ion Ratio Lower Upper

79 100

108 25.5 62.0 93.0#

77 93.4 51.8 77.6#



#19

n-Nitroso-di-n-propylamine

Concen: 20.267 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

Tgt Ion: 70 Resp: 143838

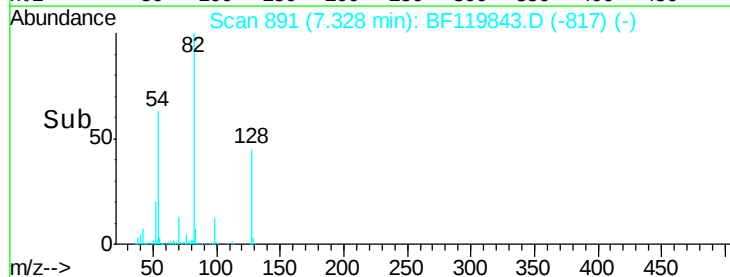
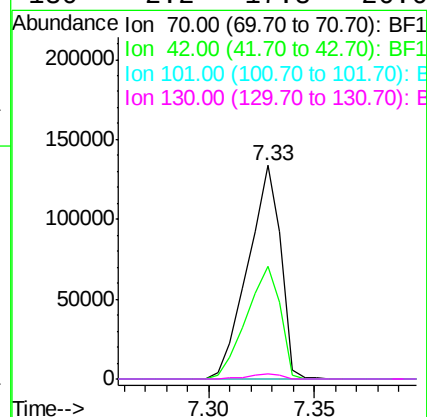
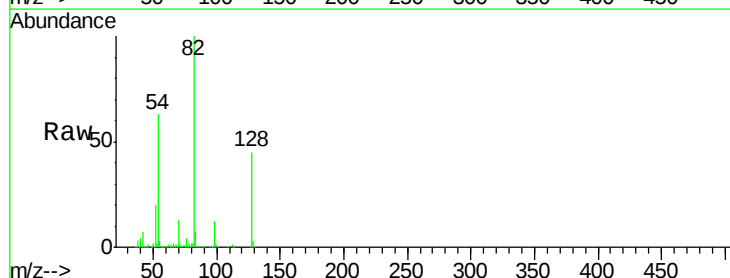
Ion Ratio Lower Upper

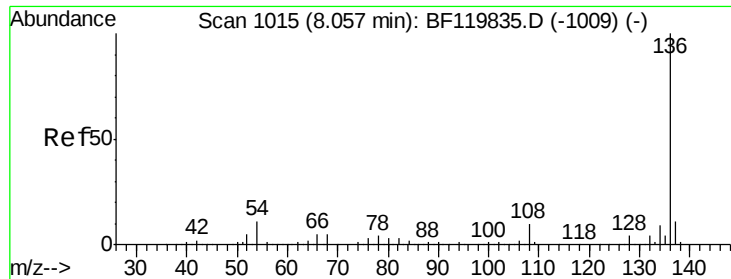
70 100

42 52.8 54.2 81.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.6#

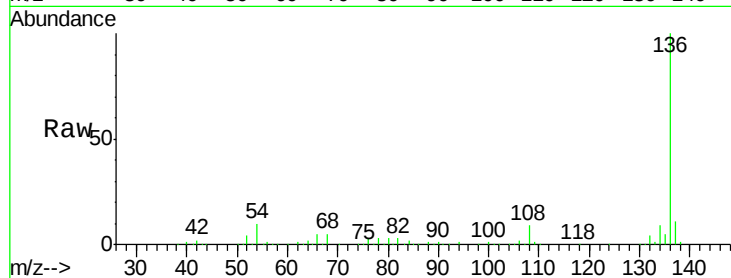




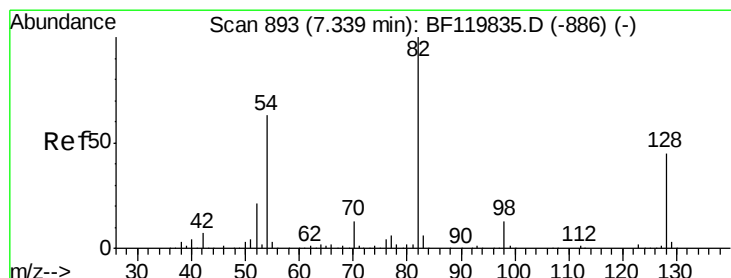
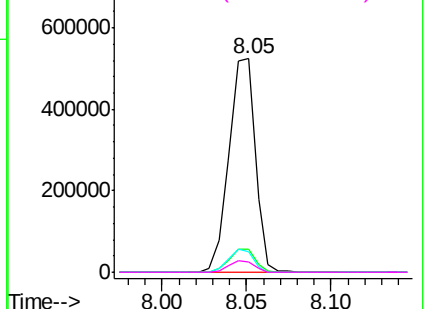
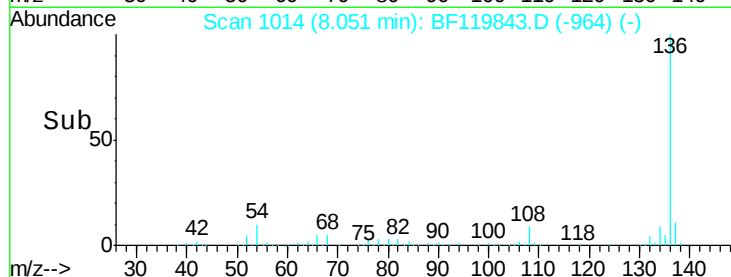
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	567683	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.7	13.1	
54 9.6	8.5	12.7	
68 4.6	3.9	5.9	

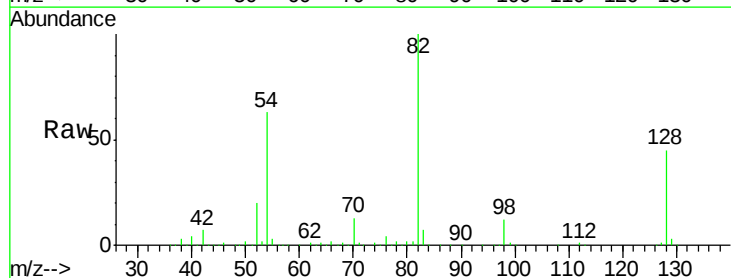


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

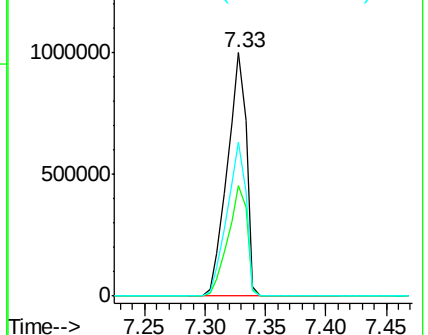
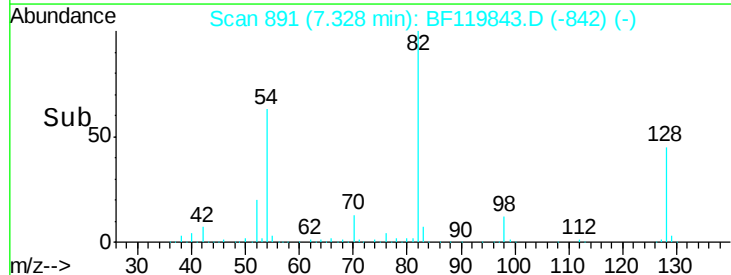


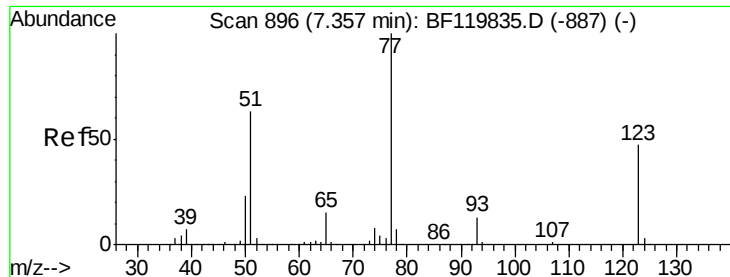
#23
Nitrobenzene-d5
Concen: 99.866 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion: 82	Resp: 1095844
Ion Ratio	Lower Upper
82 100	
128 45.1	36.2 54.4
54 63.4	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

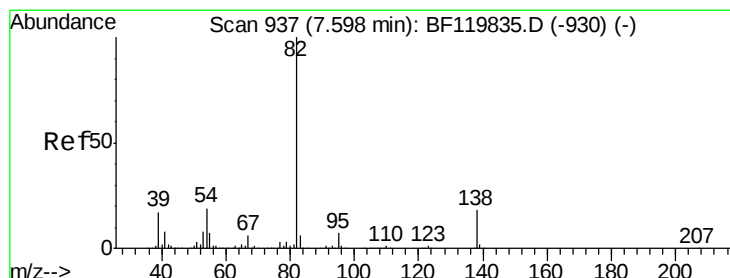
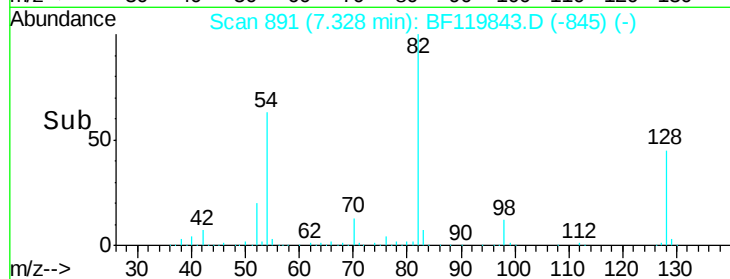
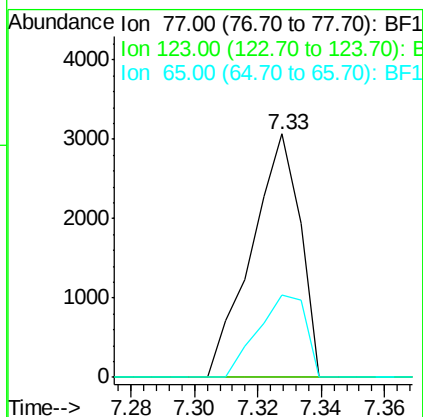
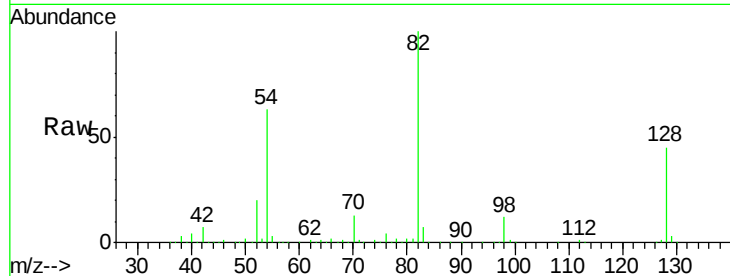




#24
Nitrobenzene
Concen: 0.295 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

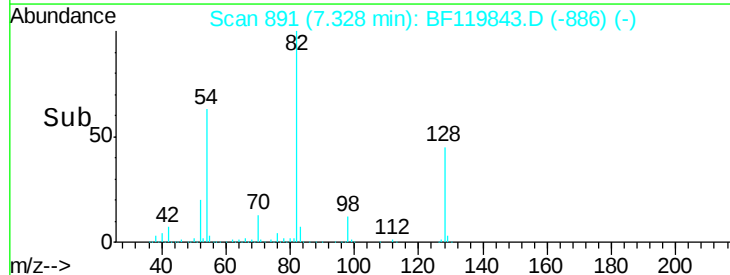
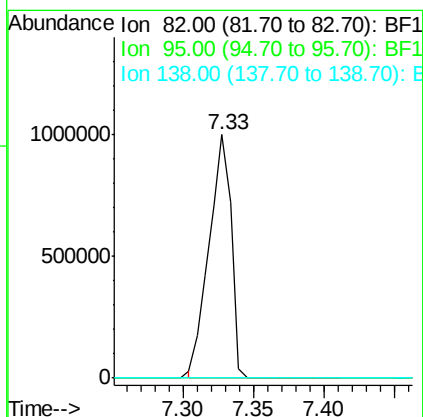
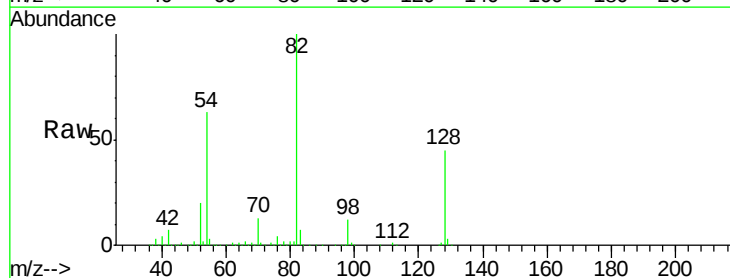
Instrument :
BNA_F
ClientSampleId :

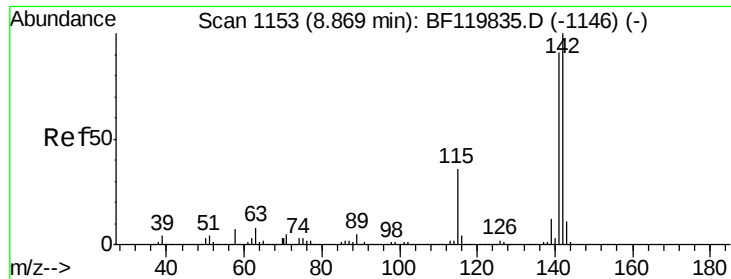
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.8#
65	33.6	12.2	18.2#



#25
Isophorone
Concen: 51.244 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#

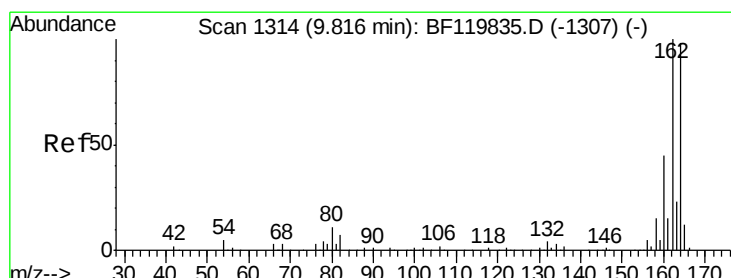
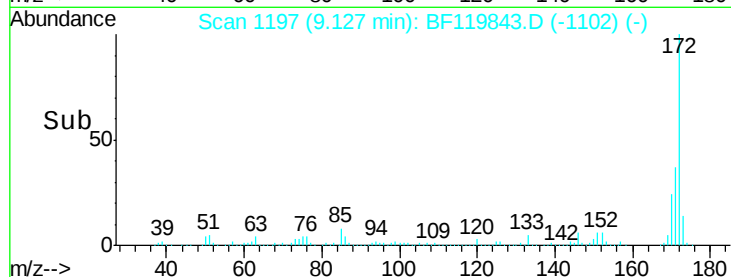
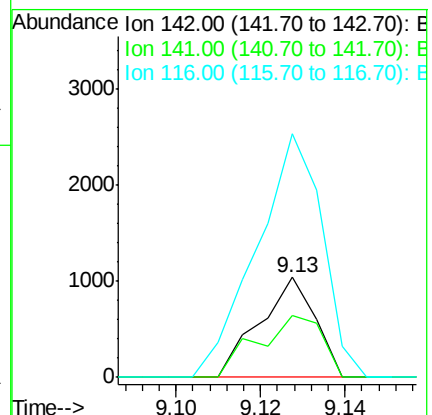
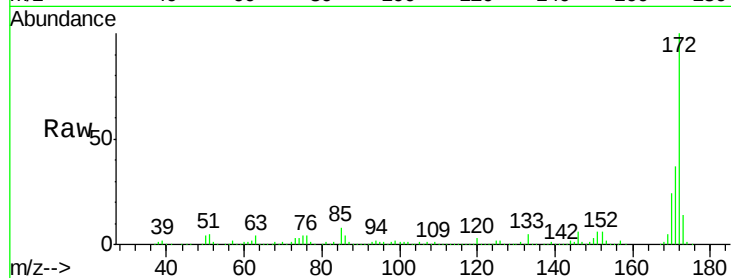




#38
1-Methylnaphthalene
Concen: 0.050 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.26 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

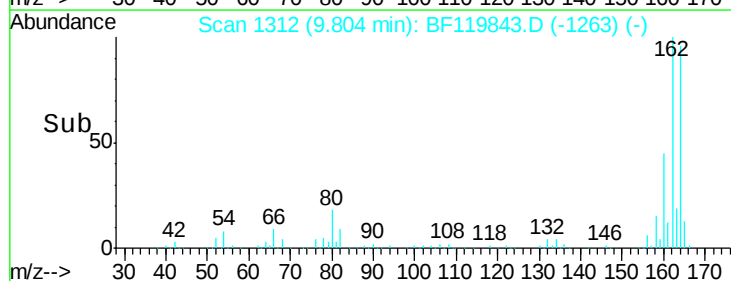
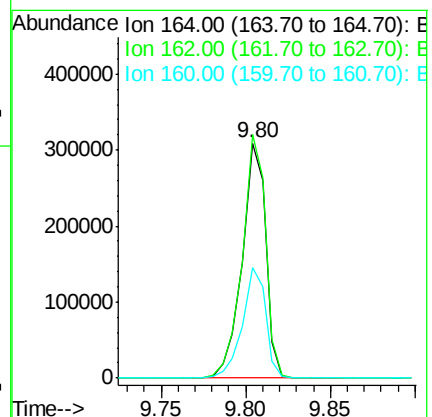
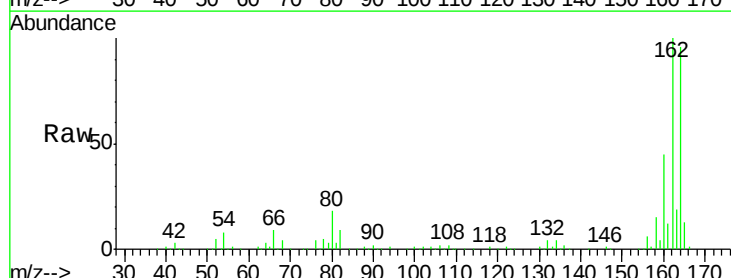
Instrument :
BNA_F
ClientSampleId :

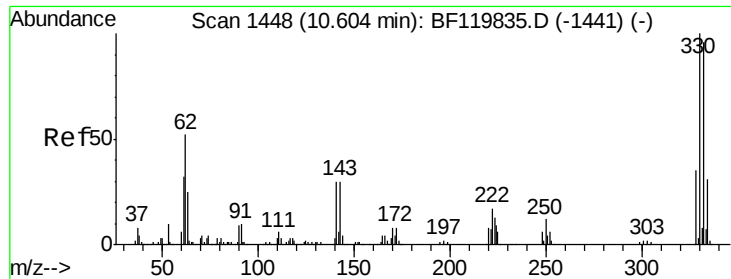
Tot Ion:142 Resp: 959
Ion Ratio Lower Upper
142 100
141 62.4 72.9 109.3#
116 243.1 3.0 4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:164 Resp: 300262
Ion Ratio Lower Upper
164 100
162 103.6 81.9 122.9
160 47.0 36.6 54.8

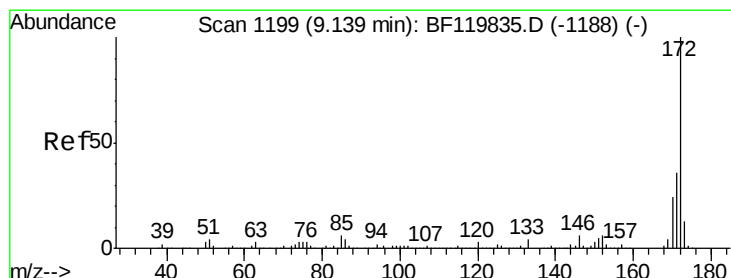
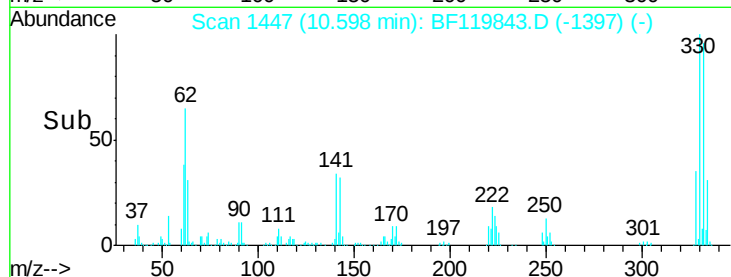
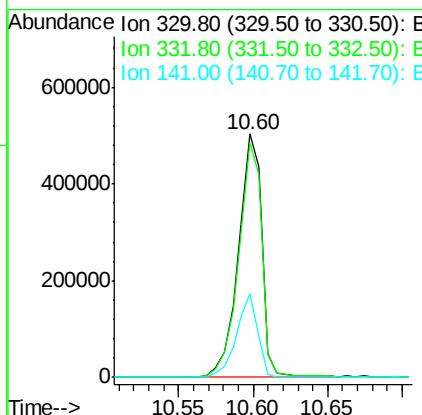
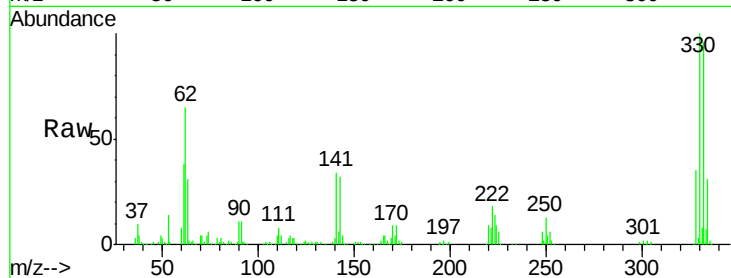




#42
 2,4,6-Tribromophenol
 Concen: 149.352 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

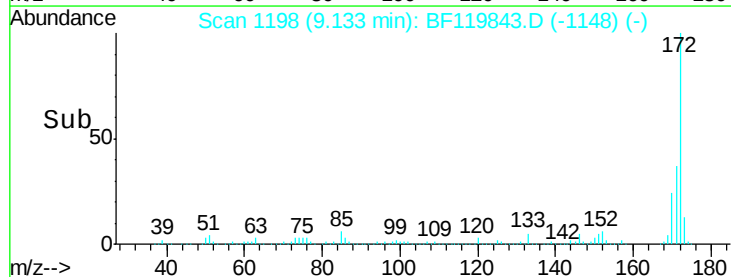
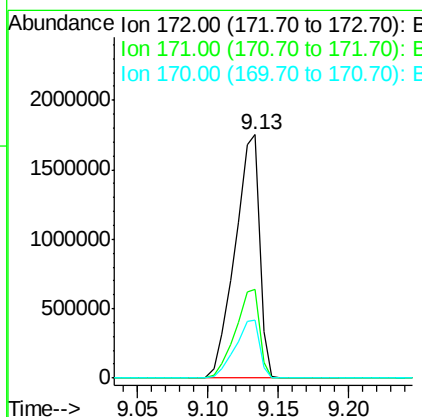
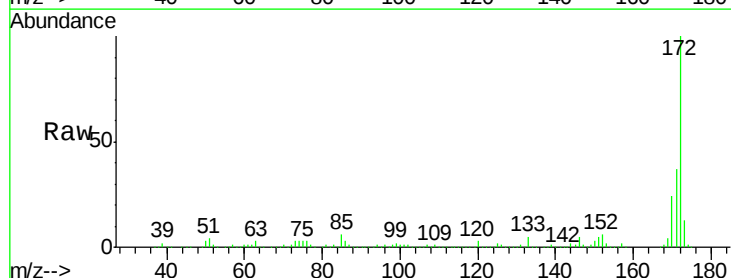
Instrument :
 BNA_F
 ClientSampleId :

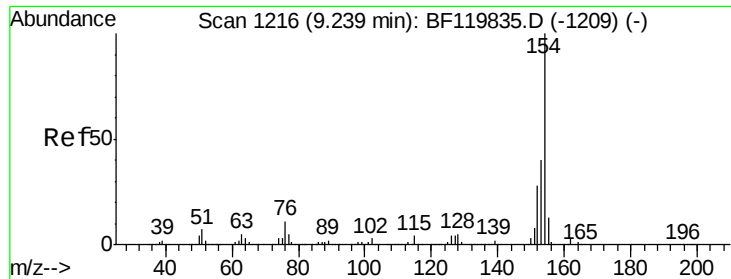
Tot Ion:330 Resp: 549053
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 31.8 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 100.055 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

Tgt Ion:172 Resp: 2116011
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 23.9 19.4 29.2

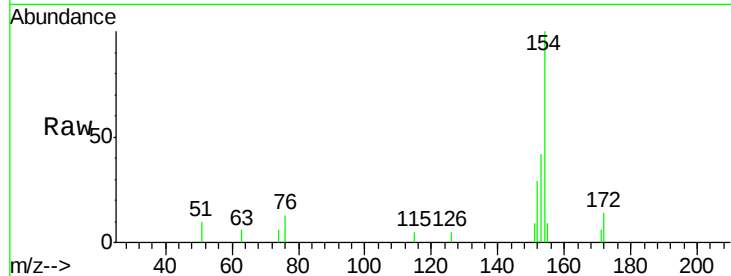




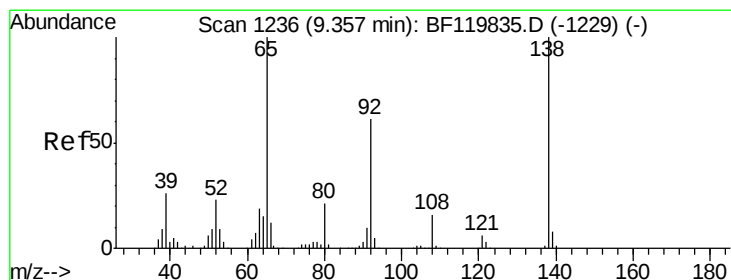
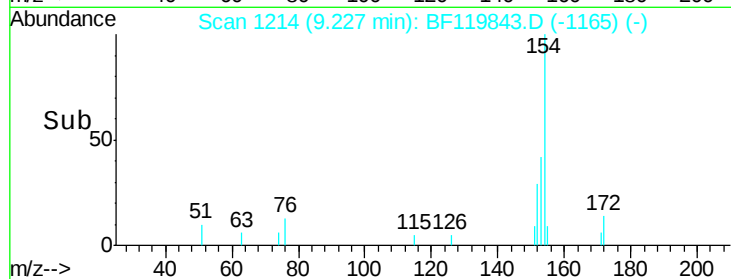
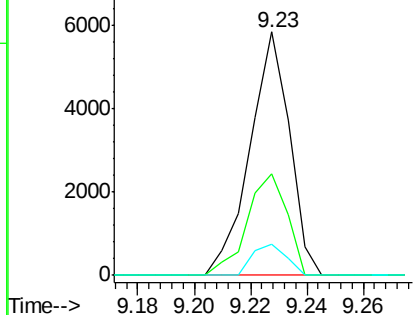
#46
 1,1'-Biphenyl
 Concen: 0.224 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.5	60.5
76	12.8	0.0	30.6

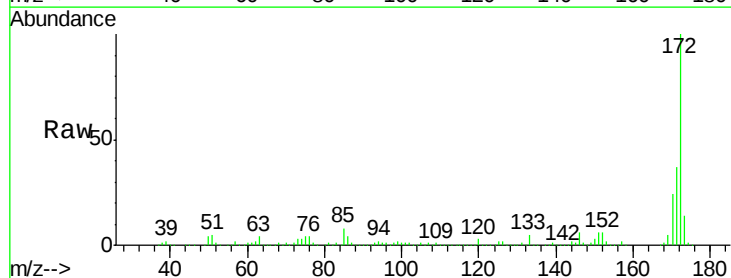


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

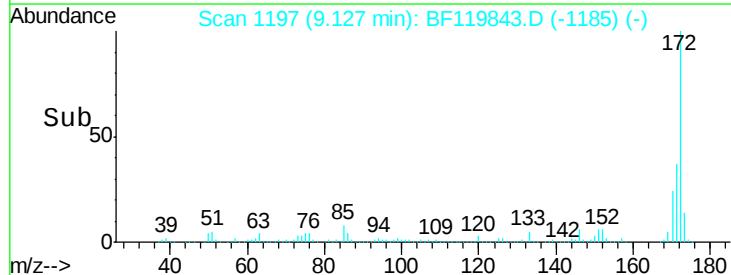
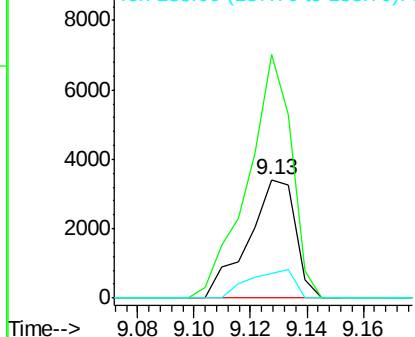


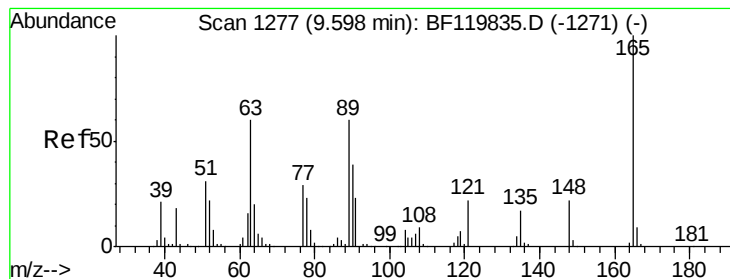
#48
 2-Nitroaniline
 Concen: 0.559 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.23 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	205.0	49.0	73.6#
138	21.3	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: 7.680 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.21 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

Instrument :

BNA_F

ClientSampleId :

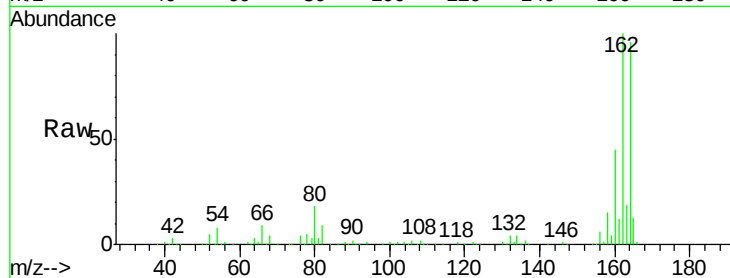
Tot Ion:165 Resp: 39060

Ion Ratio Lower Upper

165 100

63 0.7 55.6 83.4#

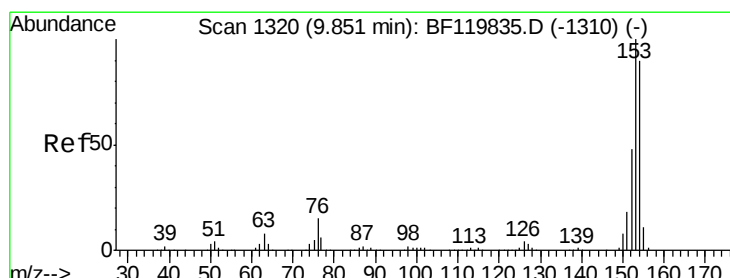
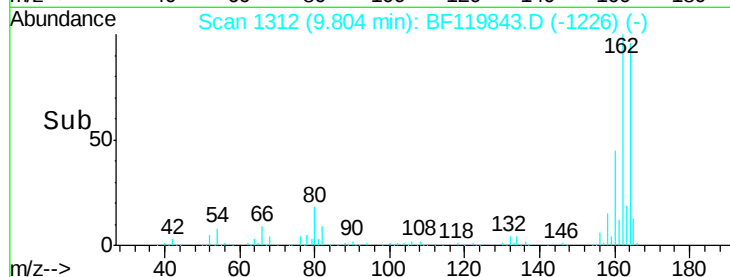
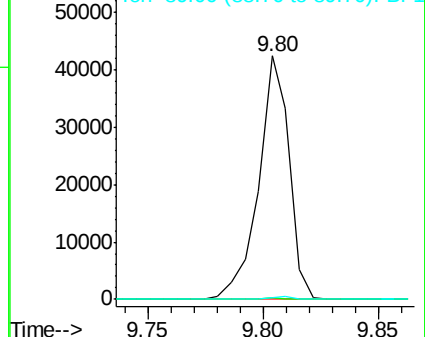
89 0.9 47.9 71.9#



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: 0.039 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

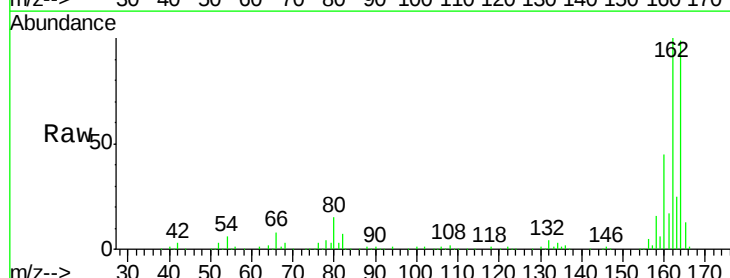
Tgt Ion:154 Resp: 765

Ion Ratio Lower Upper

154 100

153 0.0 88.8 133.2#

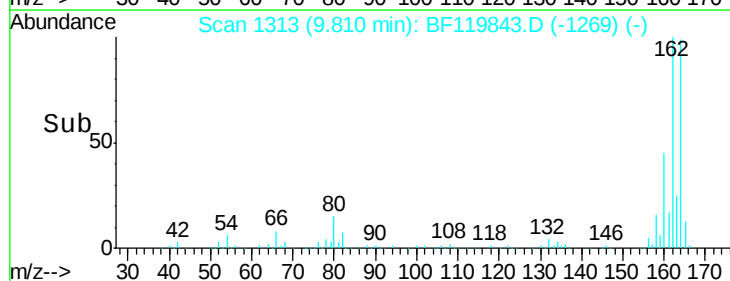
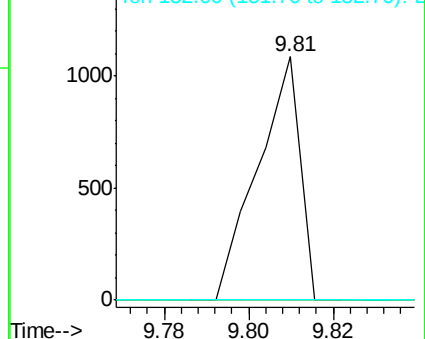
152 0.0 42.4 63.6#

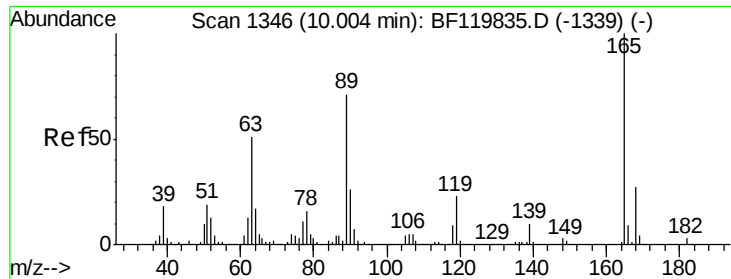


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

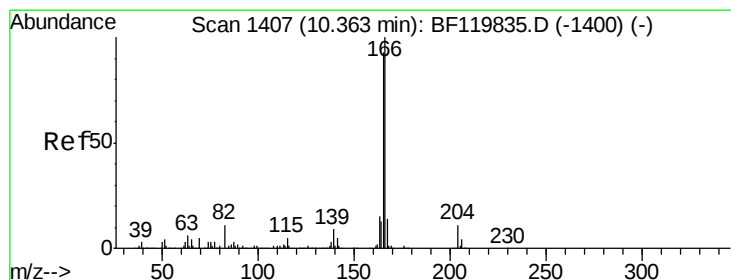
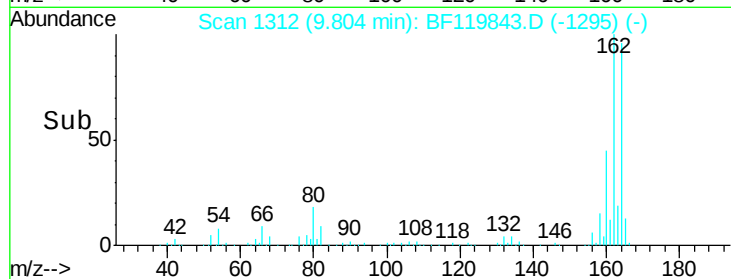
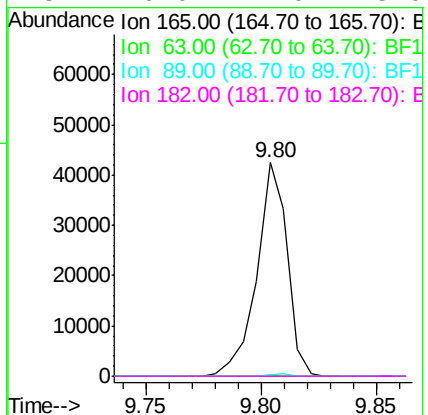
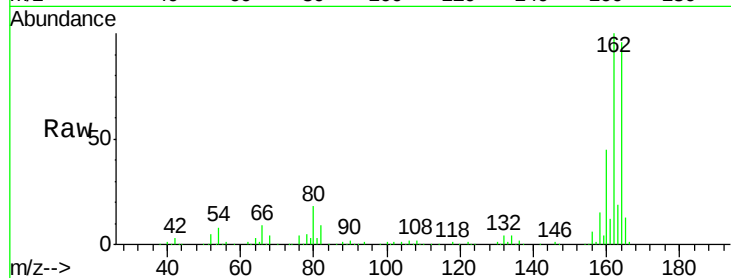




#57
 2,4-Dinitrotoluene
 Concen: 5.829 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.20 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

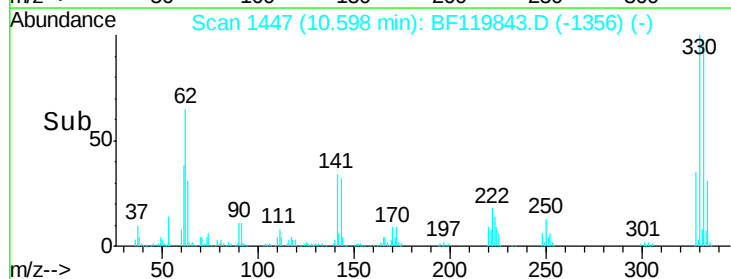
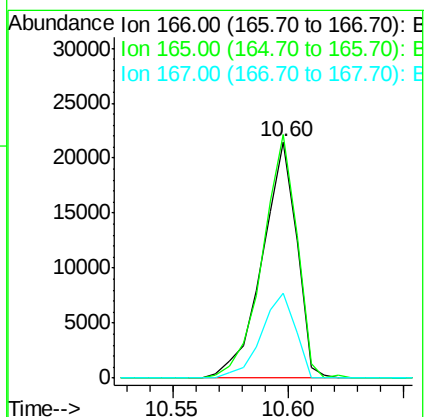
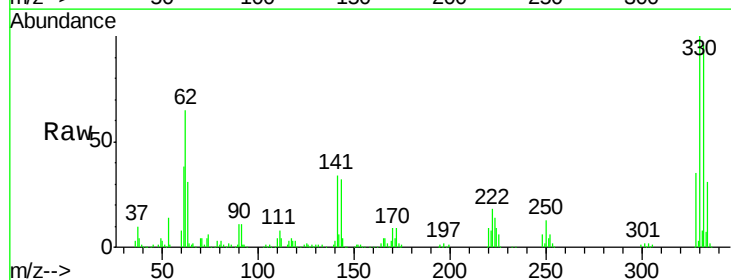
Instrument :
 BNA_F
 ClientSampleId :

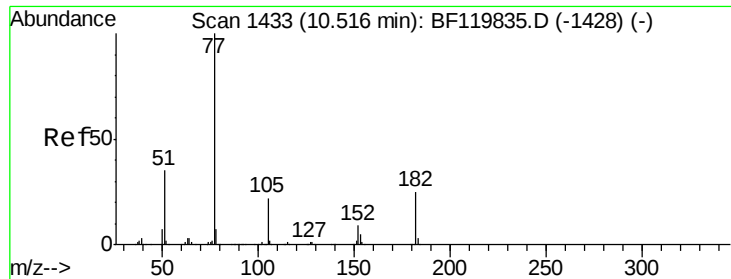
Tot Ion	165	Resp	39060
Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.8	61.2#
89	0.9	56.9	85.3#
182	0.0	2.0	3.0#



#58
 Fluorene
 Concen: 1.027 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.24 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

Tgt Ion	166	Resp	22317
Ion	Ratio	Lower	Upper
166	100		
165	102.9	74.2	111.2
167	35.8	10.8	16.2#

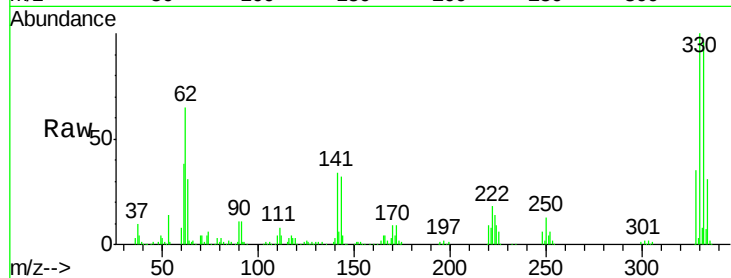




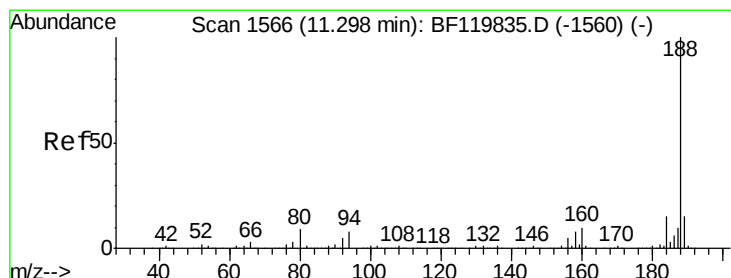
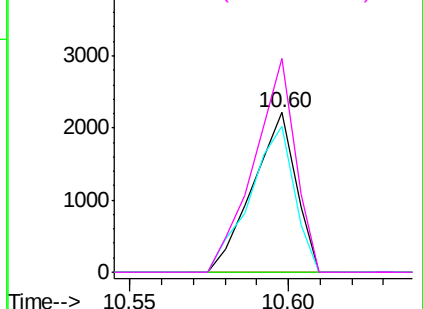
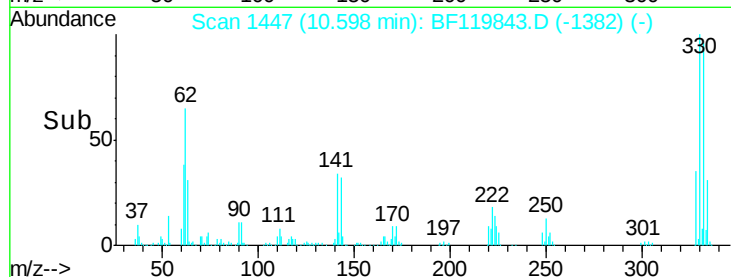
#63
Azobenzene
Concen: 0.098 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.08 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2108
Ion Ratio Lower Upper
77 100
182 0.0 4.5 44.5#
105 91.1 2.2 42.2#
51 133.5 15.1 55.1#

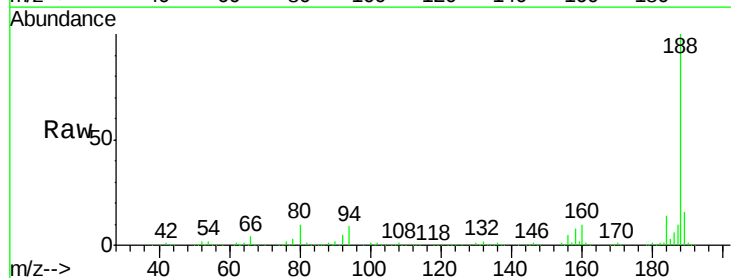


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

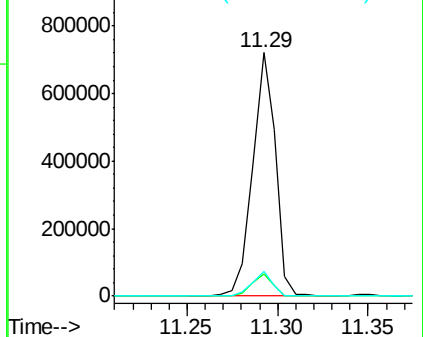
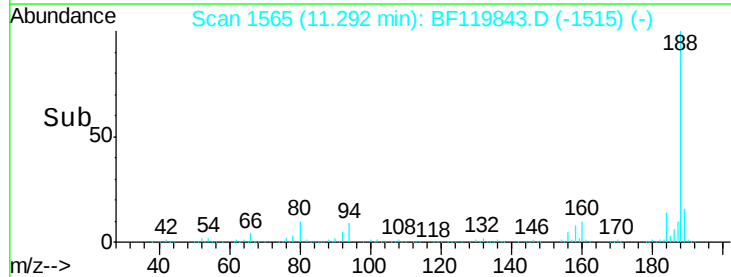


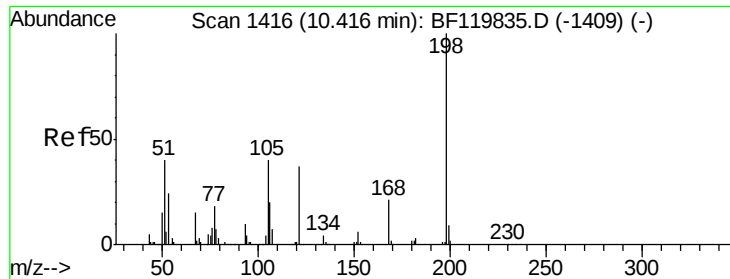
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion: 188 Resp: 629254
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 10.0 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

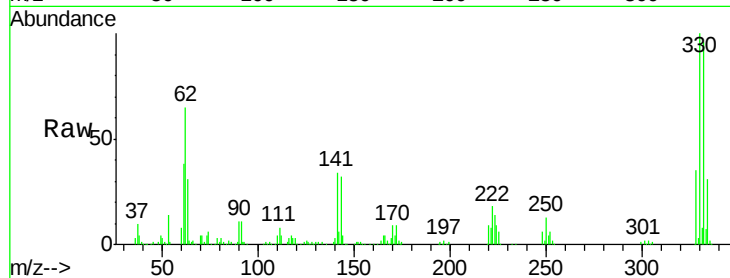




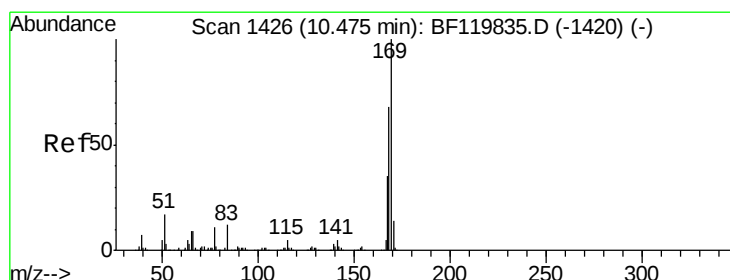
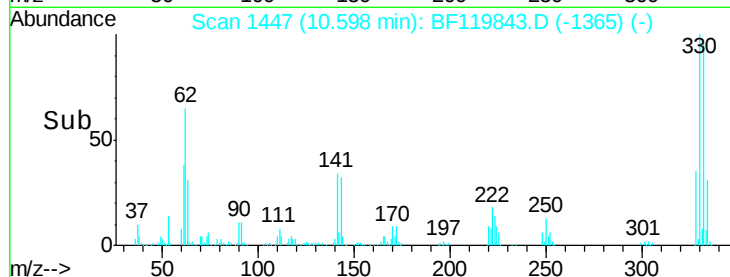
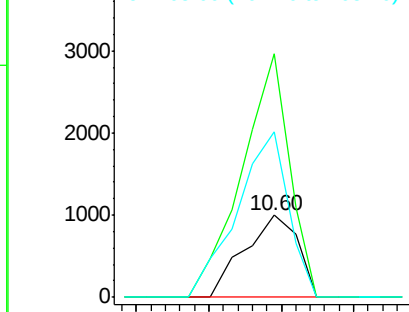
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.245 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.18 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 1017
 Ion Ratio Lower Upper
 198 100
 51 298.0 25.2 65.2#
 105 203.3 20.8 60.8#

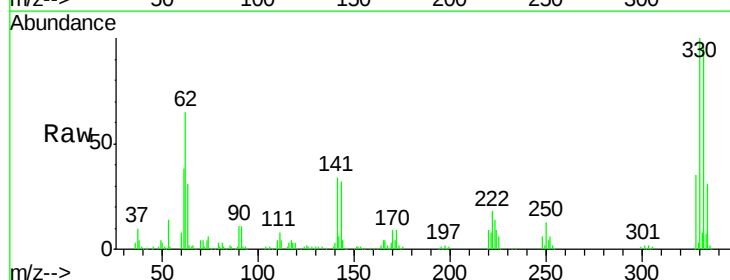


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

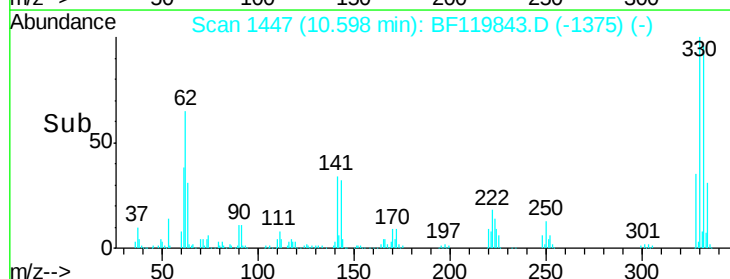
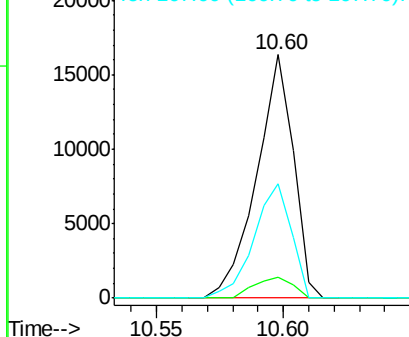


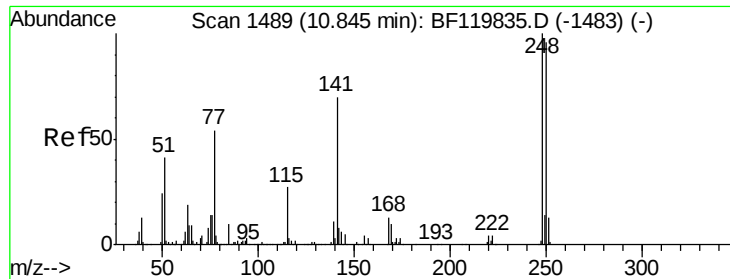
#66
 n-Nitrosodiphenylamine
 Concen: 0.785 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.12 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

Tgt Ion:169 Resp: 16430
 Ion Ratio Lower Upper
 169 100
 168 8.3 54.2 81.4#
 167 47.1 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

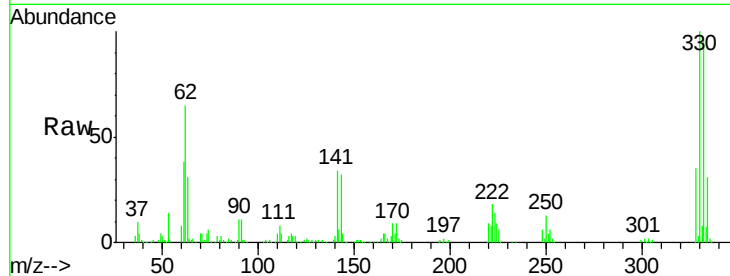




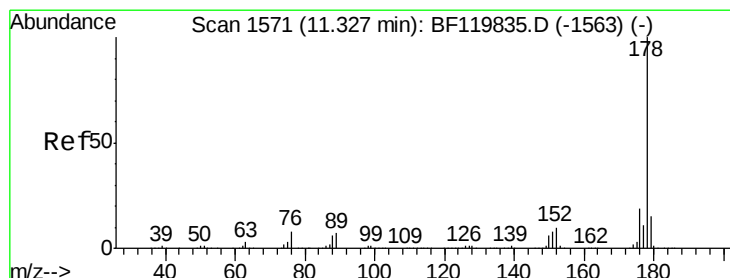
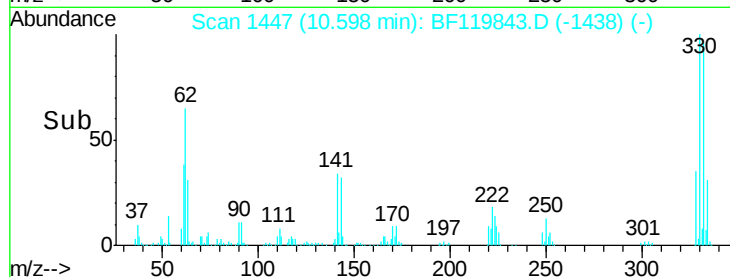
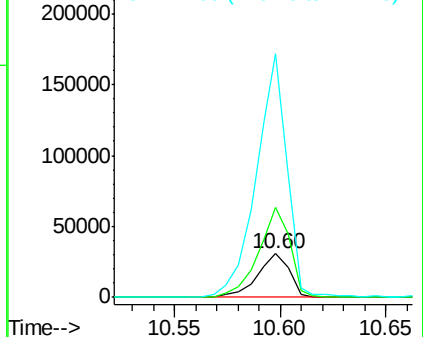
#67
 4-Bromophenyl-phenylether
 Concen: 4.160 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 32555
 Ion Ratio Lower Upper
 248 100
 250 206.9 76.6 114.8#
 141 558.2 55.9 83.9#

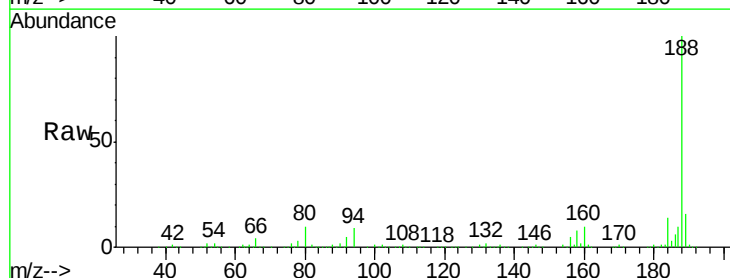


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

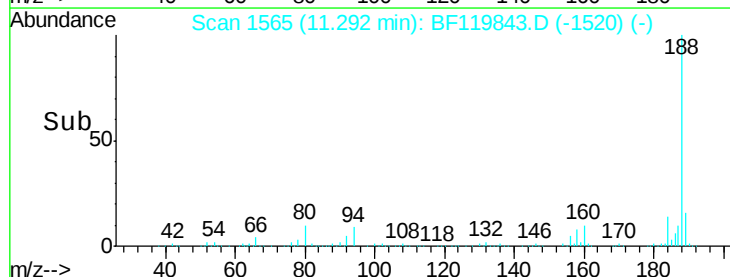
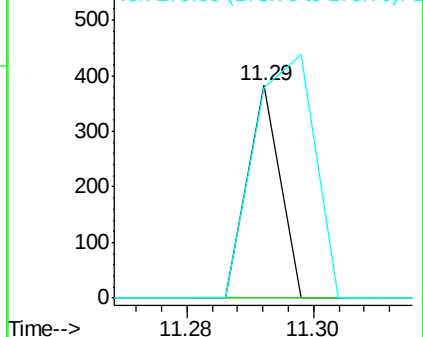


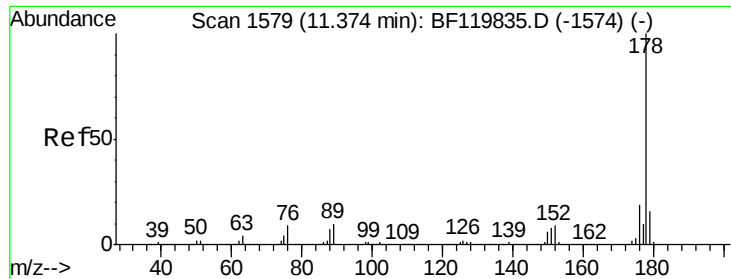
#71
 Phenanthrene
 Concen: 0.004 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.04 min
 Lab File: BF119843.D
 Acq: 9 Apr 2020 00:17

Tgt Ion:178 Resp: 135
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.1 22.7#
 179 99.0 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: 0.004 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.08 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

Instrument :

BNA_F

ClientSampleId :

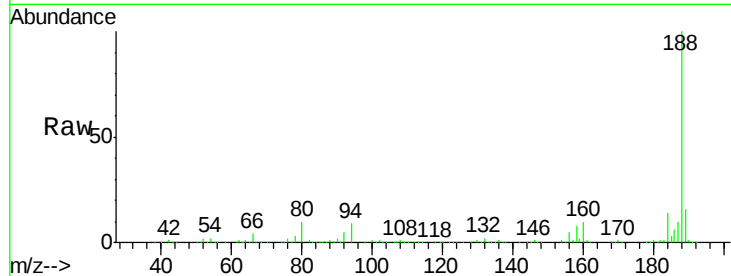
Tot Ion:178 Resp: 135

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

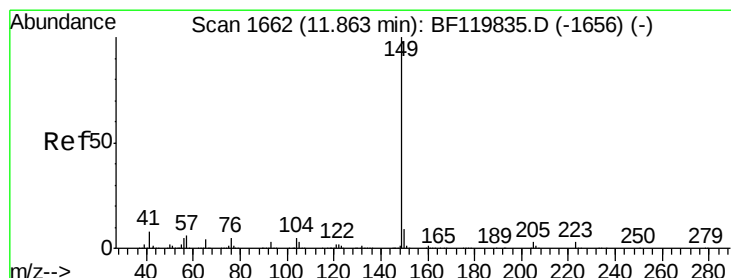
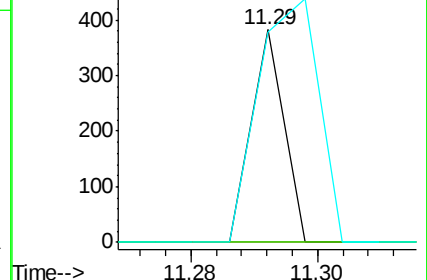
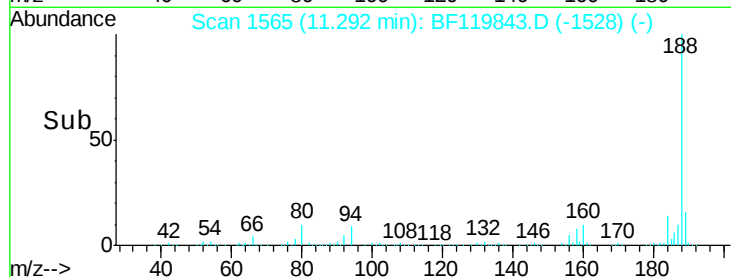
179 99.0 12.8 19.2#



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: 0.005 ng

RT: 11.86 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

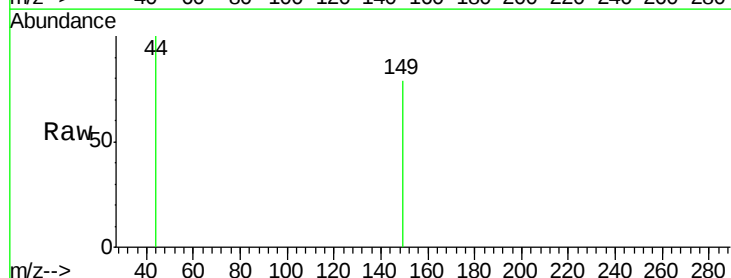
Tgt Ion:149 Resp: 218

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

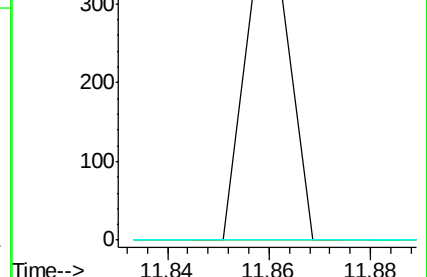
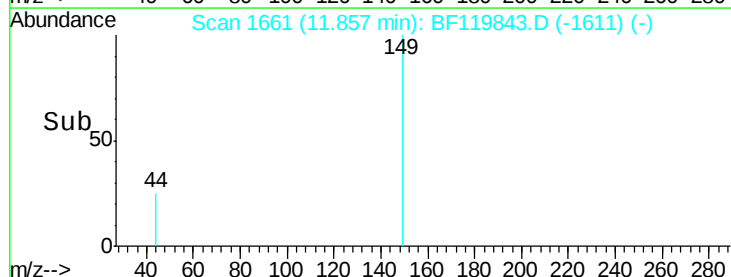
104 0.0 3.8 5.6#

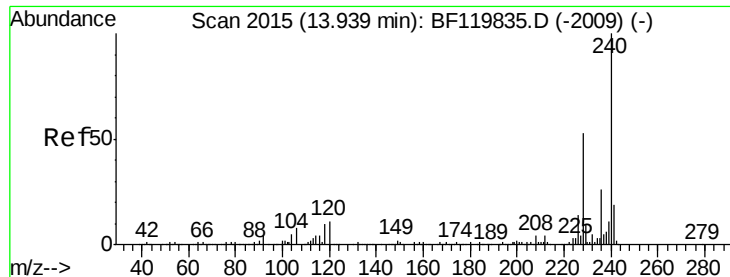


Abundance Ion 149.00 (148.70 to 149.70): E

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: BF119843.D

Acq: 9 Apr 2020 00:17

Instrument :

BNA_F

ClientSampleId :

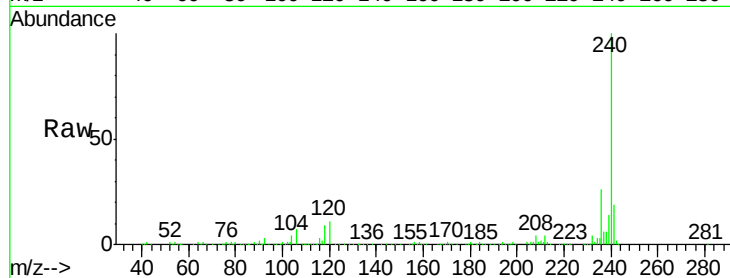
Tot Ion:240 Resp: 564813

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

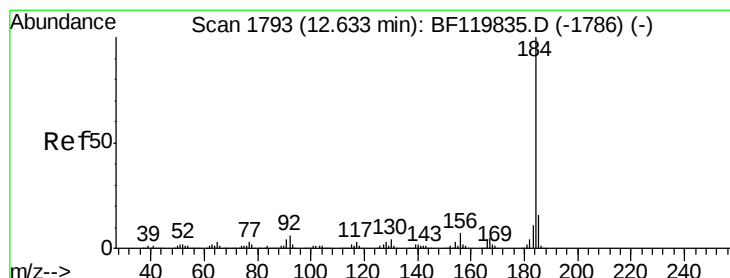
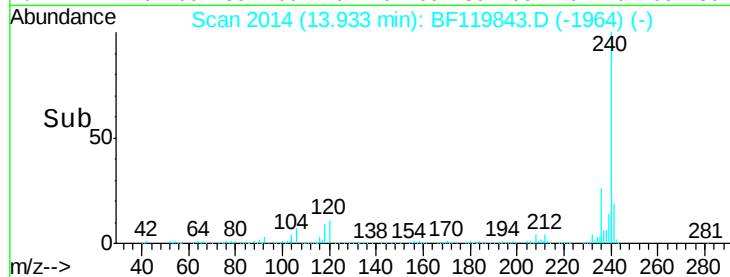
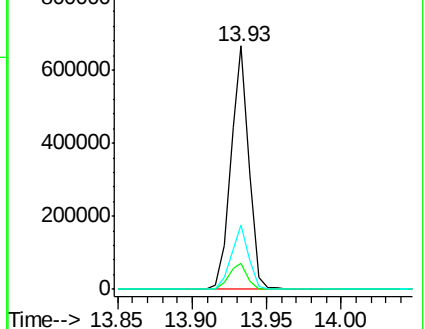
236 26.3 20.7 31.1



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: 1.724 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.26 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

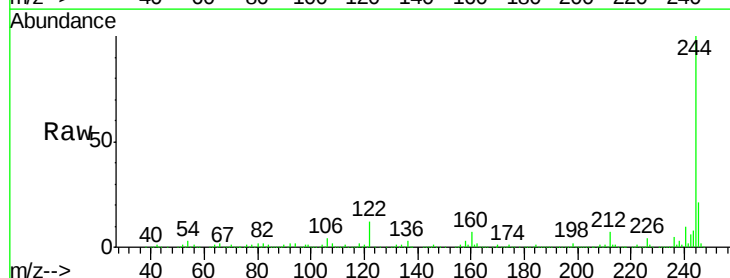
Tgt Ion:184 Resp: 32923

Ion Ratio Lower Upper

184 100

185 15.9 13.2 19.8

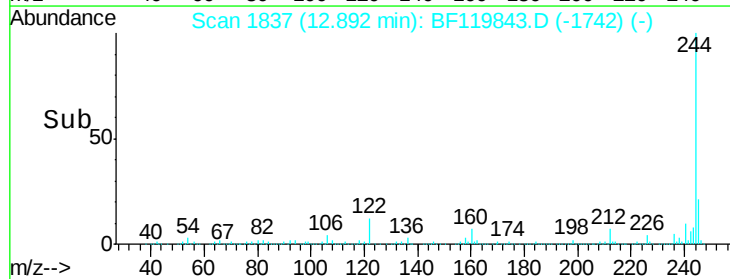
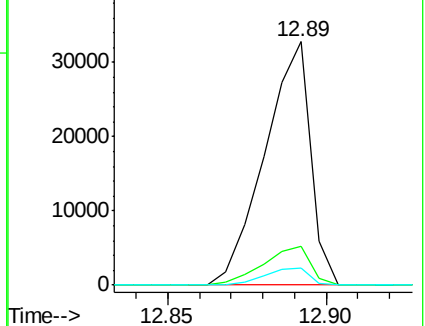
183 6.9 9.1 13.7#

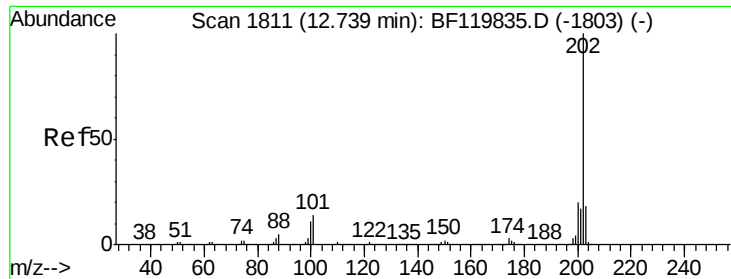


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.189 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.15 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

Instrument :

BNA_F

ClientSampleId :

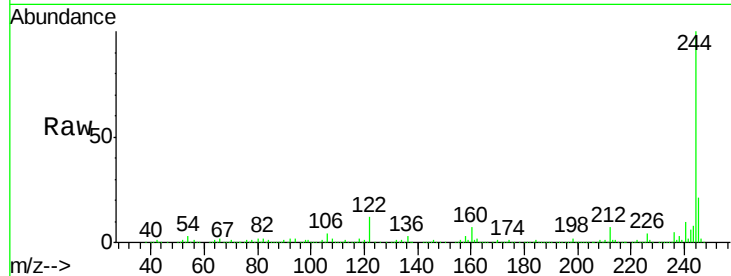
Tot Ion:202 Resp: 9013

Ion Ratio Lower Upper

202 100

200 43.2 16.2 24.2#

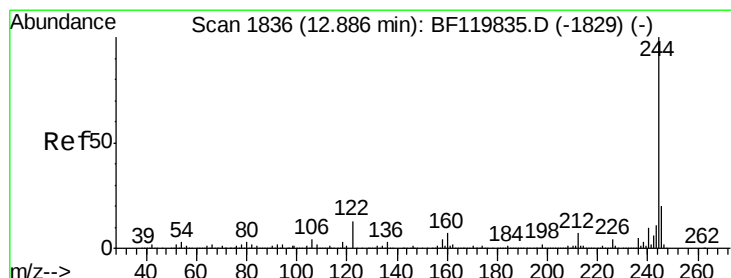
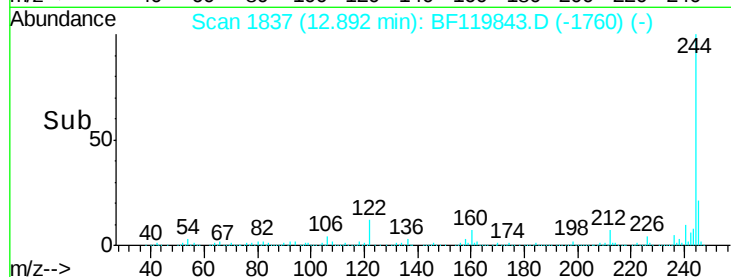
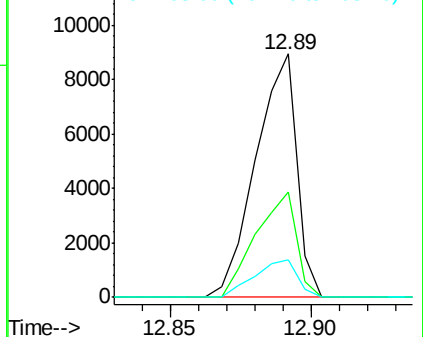
203 15.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 81.966 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

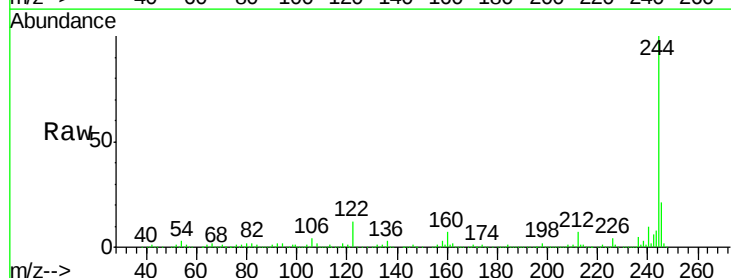
Tgt Ion:244 Resp: 2751325

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

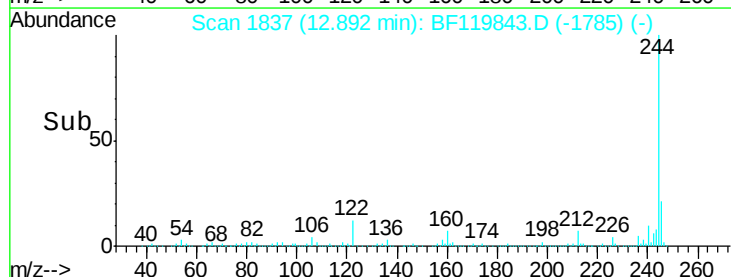
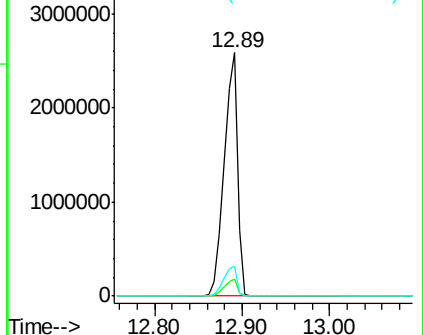
122 12.4 10.3 15.5

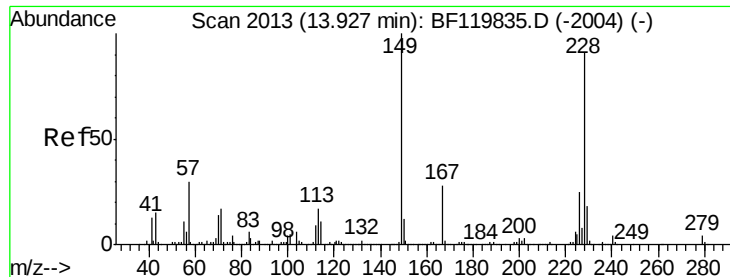


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 0.037 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119843.D

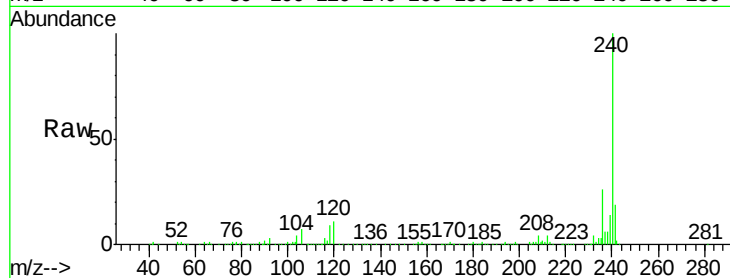
Acq: 9 Apr 2020 00:17

Instrument :

BNA_F

ClientSampleId :

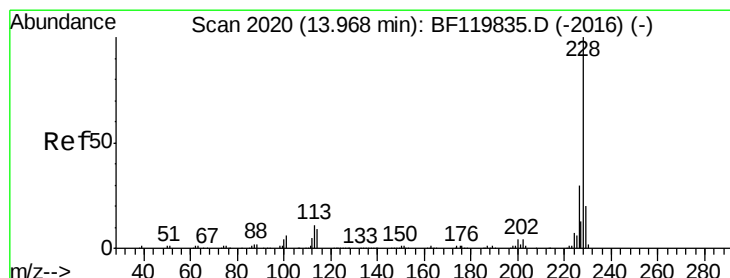
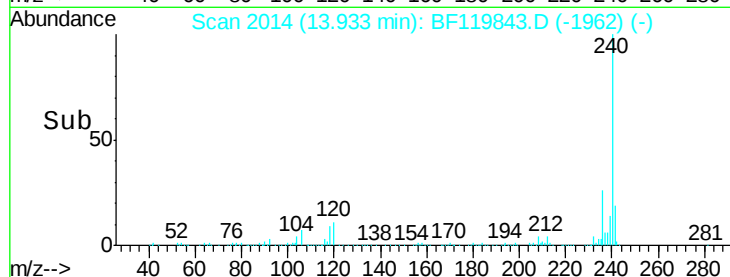
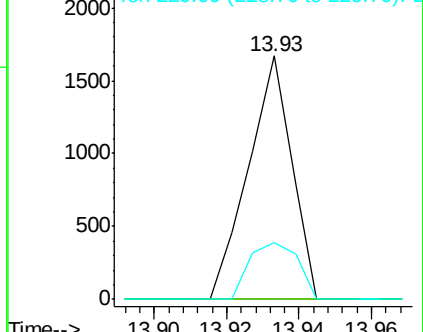
Tot Ion:	228	Resp:	1387
Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.9	32.9#
229	23.2	15.9	23.9



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



#83

Chrysene

Concen: 0.037 ng

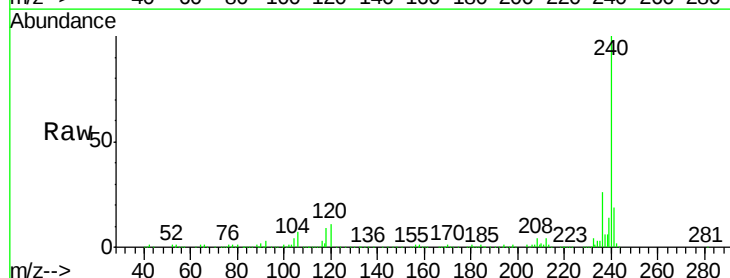
RT: 13.93 min Scan# 2014

Delta R.T. -0.04 min

Lab File: BF119843.D

Acq: 9 Apr 2020 00:17

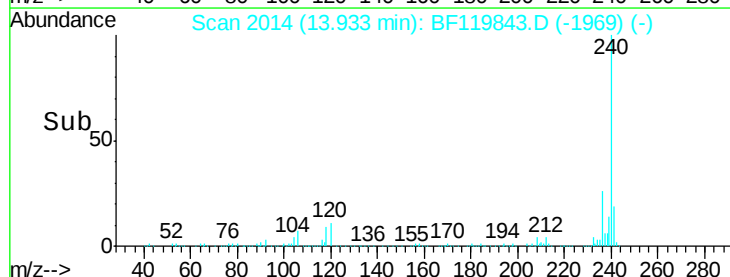
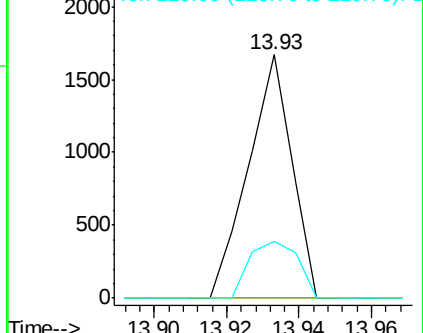
Tgt Ion:	228	Resp:	1387
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.2	36.2#
229	23.2	15.9	23.9

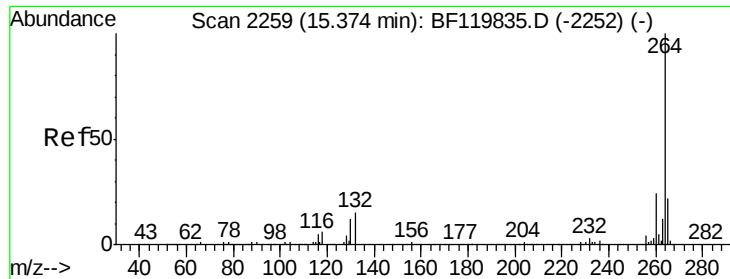


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

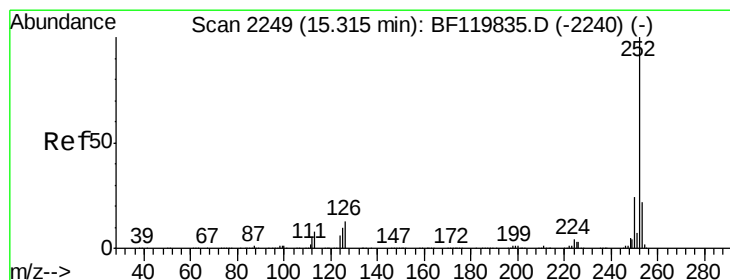
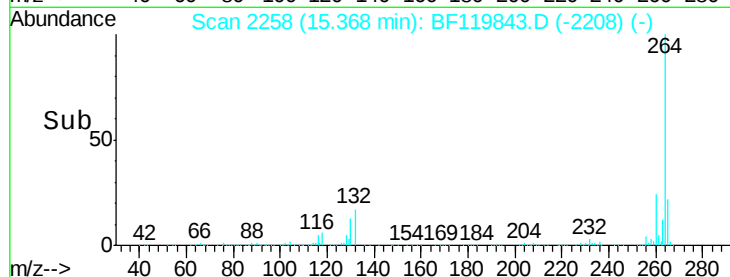
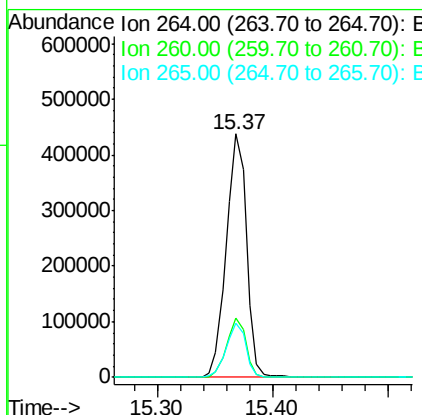
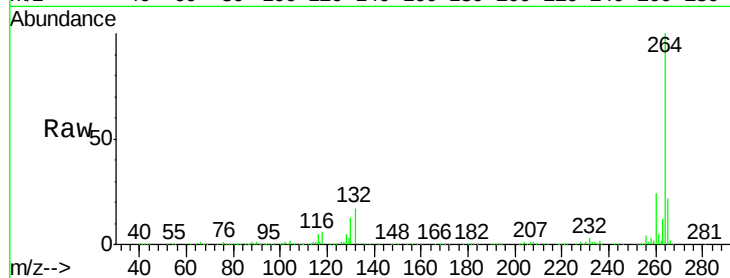




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 533367
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 22.1 17.6 26.4



#90
Benzo(a)pyrene
Concen: 0.054 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.05 min
Lab File: BF119843.D
Acq: 9 Apr 2020 00:17

Tgt Ion:252 Resp: 1751
Ion Ratio Lower Upper
252 100
253 37.9 17.4 26.2#
125 0.0 8.3 12.5#

