

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118123.D
 Acq On : 7 Dec 2019 12:27
 Operator : JU
 Sample : PB125281BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:41:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140687	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	559810	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	298681	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	563010	20.00	ng	0.00
76) Chrysene-d12	14.06	240	405826	20.00	ng	-0.01
87) Perylene-d12	15.54	264	326258	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1056532	131.53	ng	0.01
7) Phenol-d6	6.50	99	1299703	133.77	ng	0.00
23) Nitrobenzene-d5	7.43	82	809380	81.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	465431	128.27	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1648938	84.01	ng	0.00
79) Terphenyl-d14	13.00	244	2041795	86.52	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.64	93	1396	0.112	ng	# 1
8) 2-Chlorophenol	6.65	128	159	0.018	ng	# 1
9) Benzaldehyde	6.50	77	1968	Below Cal		# 1
10) Phenol	6.64	94	2483	0.224	ng	# 1
11) bis(2-Chloroethyl)ether	6.64	93	1396	0.174	ng	# 1
15) Benzyl Alcohol	7.02	79	14413	1.900	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	7.22	45	125	0.013	ng	# 63
19) n-Nitroso-di-n-propylamine	7.43	70	111725	18.924	ng	# 77
24) Nitrobenzene	7.43	77	2403	0.246	ng	# 31
25) Isophorone	7.43	82	798144	47.315	ng	# 62
32) Benzoic acid	8.16	122	106	0.017	ng	# 1
38) 1-Methylnaphthalene	9.23	142	779	0.044	ng	# 50
46) 1,1'-Biphenyl	9.33	154	3573	0.152	ng	# 93
48) 2-Nitroaniline	9.23	65	2453	0.454	ng	# 1
51) 2,6-Dinitrotoluene	9.92	165	37009	7.715	ng	# 28
52) Acenaphthene	9.92	154	946	0.055	ng	# 4
57) 2,4-Dinitrotoluene	10.19	165	1833	0.286	ng	# 24
58) Fluorene	10.71	166	16937	0.853	ng	# 91
60) Diethylphthalate	10.32	149	8340	0.384	ng	# 96
63) Azobenzene	10.70	77	1880	0.101	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.70	198	1122	0.361	ng	# 1
66) n-Nitrosodiphenylamine	10.70	169	13426	0.764	ng	# 46
67) 4-Bromophenyl-phenylether	10.71	248	29153	4.536	ng	# 1
73) Carbazole	11.40	167	150	0.006	ng	# 58
74) Di-n-butylphthalate	11.97	149	606	0.018	ng	# 78
77) Benzidine	13.00	184	28127	2.633	ng	# 95
78) Pyrene	13.00	202	6623	0.207	ng	# 64
81) Benzo(a)anthracene	14.06	228	1144	0.041	ng	# 59
83) Chrysene	14.06	228	1144	0.043	ng	# 56
84) Bis(2-ethylhexyl)phthalate	14.03	149	576	0.030	ng	# 54
85) Di-n-octyl phthalate	14.70	149	110	0.004	ng	# 32
88) Benzo(b)fluoranthene	15.17	252	230	0.011	ng	# 1
89) Benzo(k)fluoranthene	15.17	252	230	0.011	ng	# 1
90) Benzo(a)pyrene	15.54	252	1310	0.069	ng	# 2

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 09 05:41:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

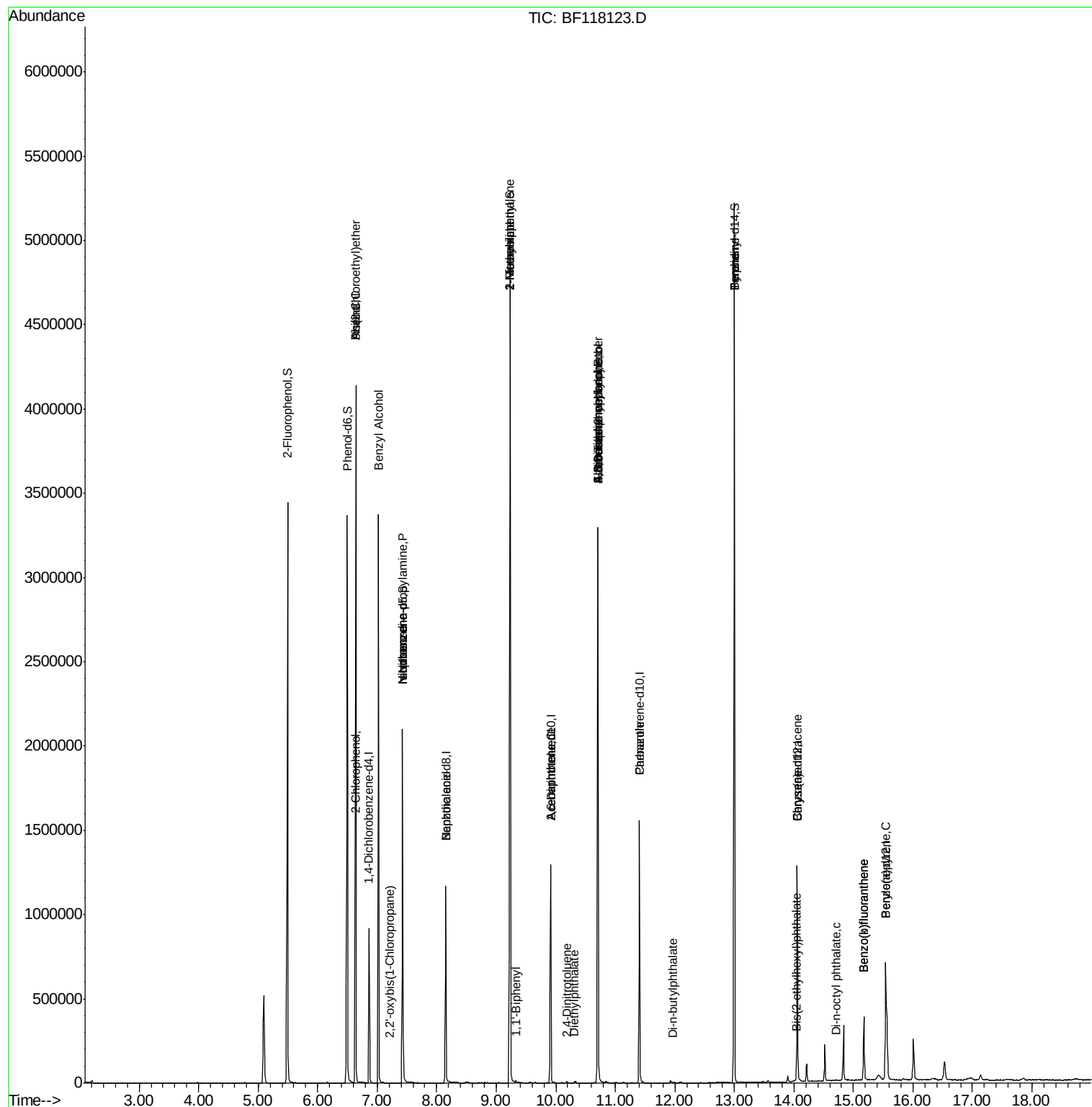
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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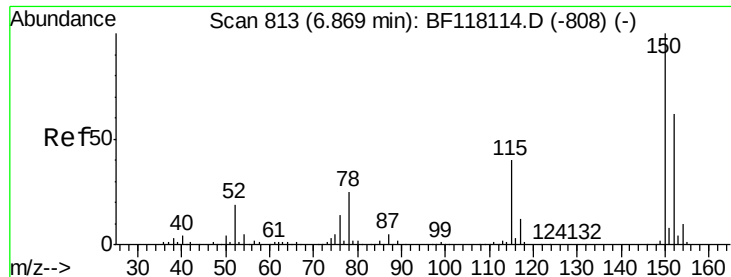
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
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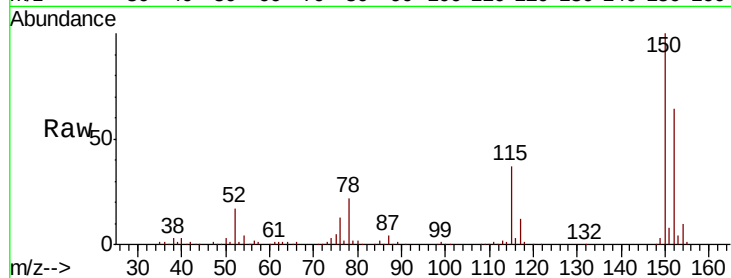


#1

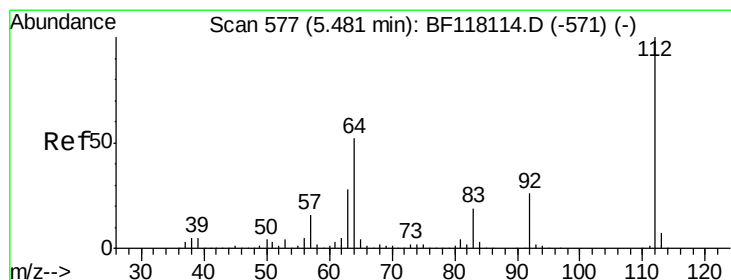
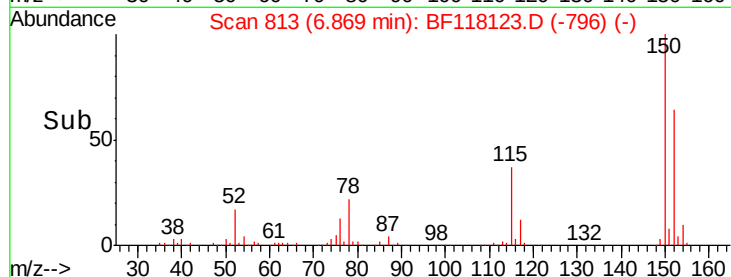
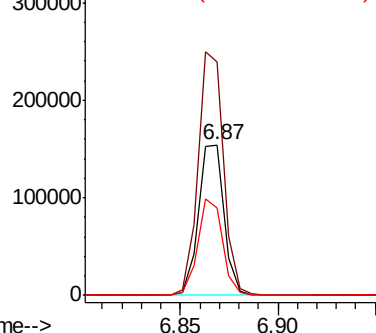
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140687
Ion Ratio Lower Upper
152 100
150 155.3 128.3 192.5
115 57.8 51.1 76.7



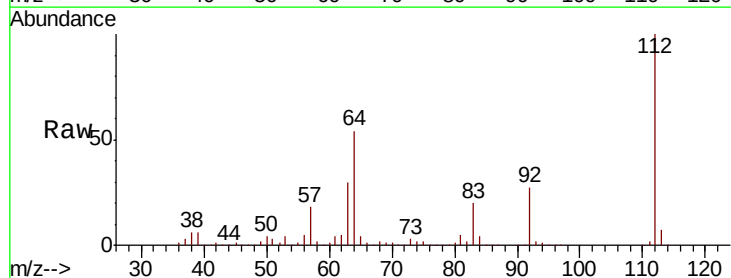
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



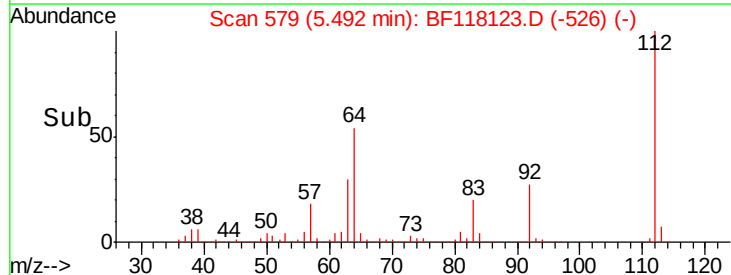
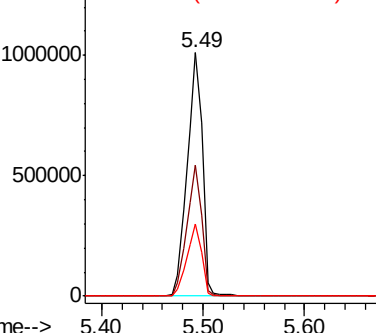
#5

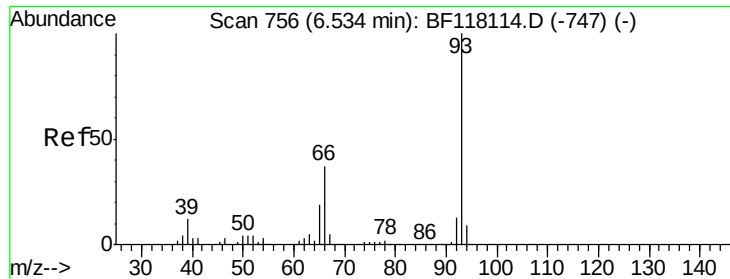
2-Fluorophenol
Concen: 131.532 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion:112 Resp: 1056532
Ion Ratio Lower Upper
112 100
64 54.0 41.3 61.9
63 29.7 22.4 33.6



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: 0.112 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.11 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

Instrument :

BNA_F

ClientSampleId :

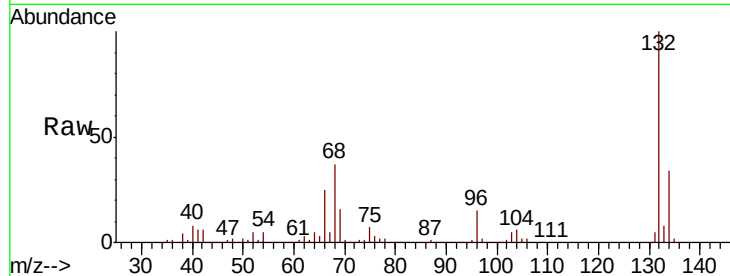
Tot Ion: 93 Resp: 1396

Ion Ratio Lower Upper

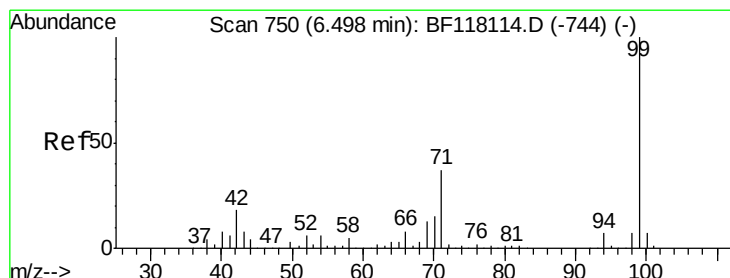
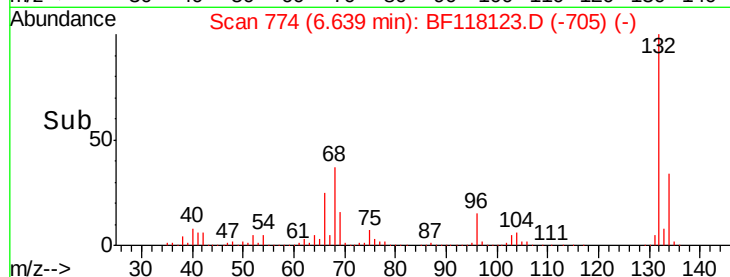
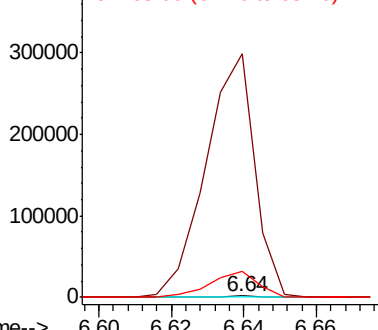
93 100

66 18723.1 30.2 45.2#

65 1953.7 15.5 23.3#



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: 133.775 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

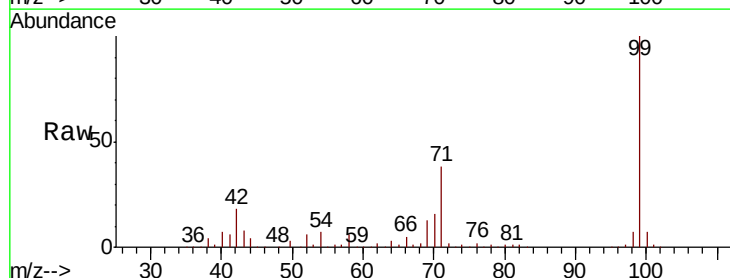
Tgt Ion: 99 Resp: 1299703

Ion Ratio Lower Upper

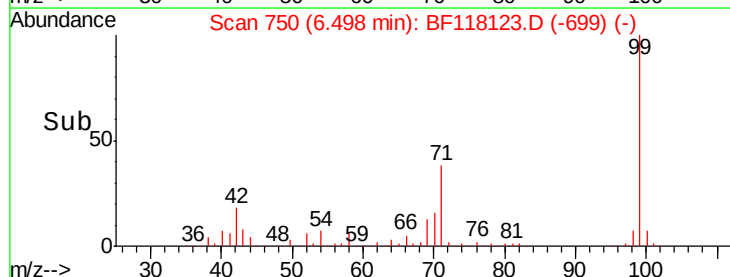
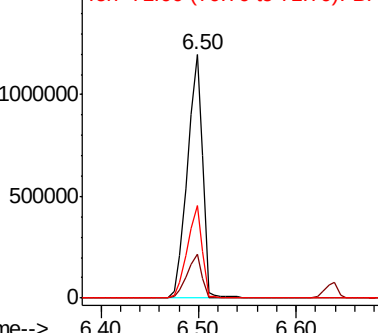
99 100

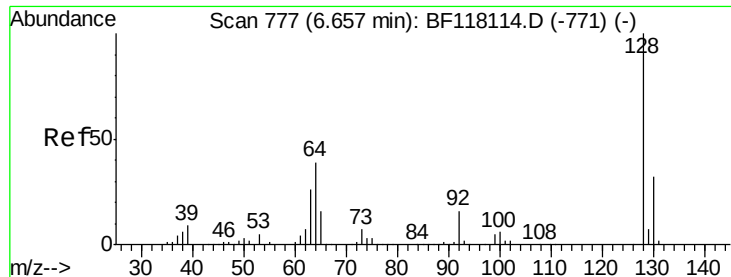
42 18.1 14.1 21.1

71 37.9 29.7 44.5



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





#8

2-Chlorophenol

Concen: 0.018 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

Instrument :

BNA_F

ClientSampleId :

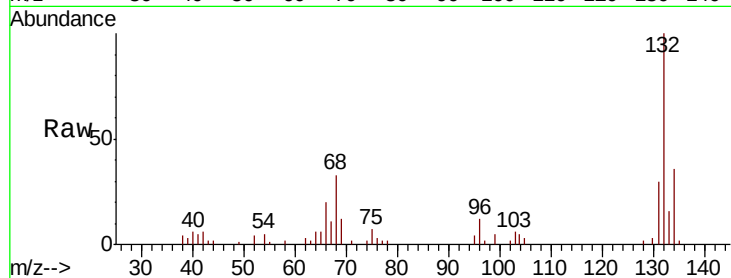
Tot Ion:128 Resp: 159

Ion Ratio Lower Upper

128 100

130 136.0 12.1 52.1#

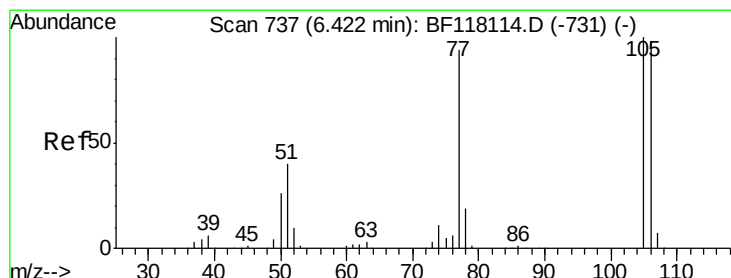
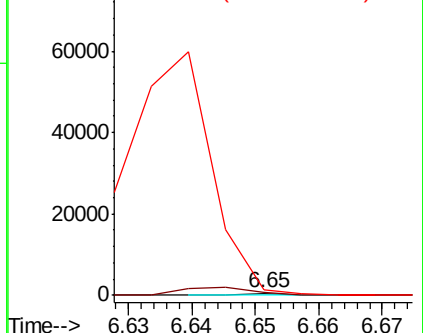
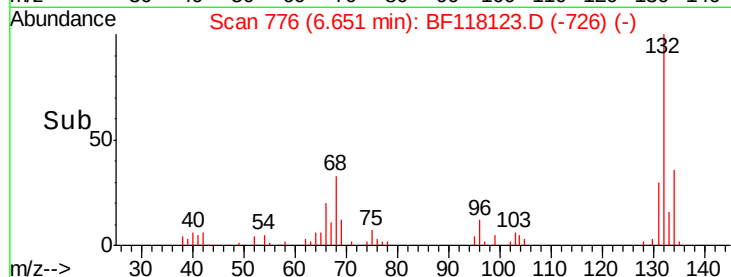
64 296.2 19.3 59.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: Below Cal

RT: 6.50 min Scan# 750

Delta R.T. 0.08 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

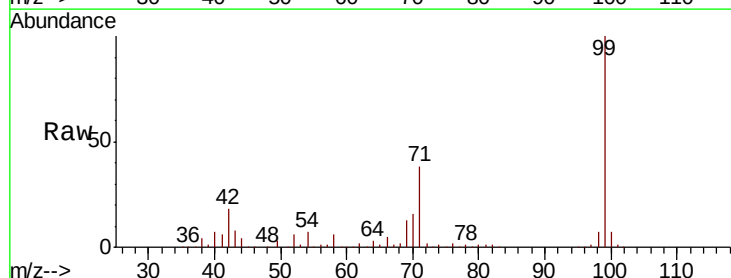
Tgt Ion: 77 Resp: 1968

Ion Ratio Lower Upper

77 100

105 0.0 86.4 126.4#

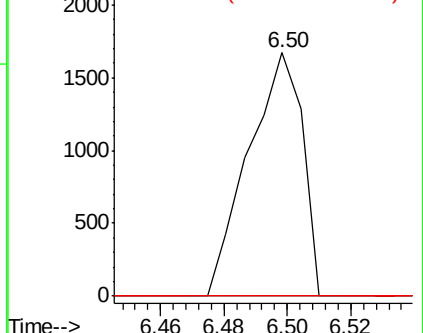
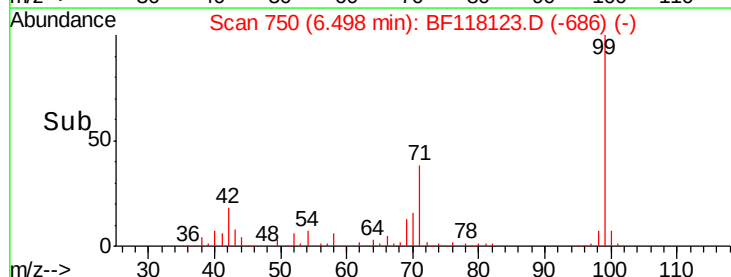
106 0.0 83.8 123.8#

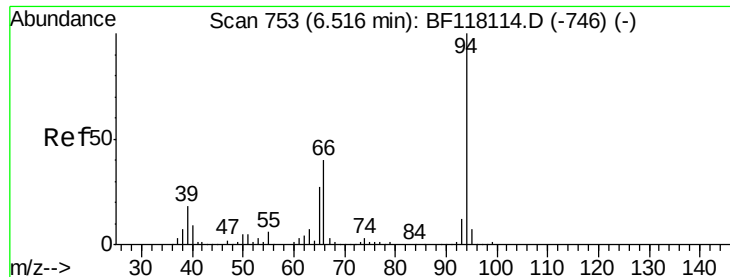


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.224 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.12 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

Instrument :

BNA_F

ClientSampleId :

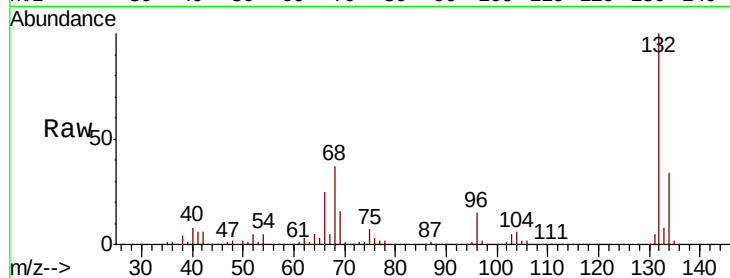
Tot Ion: 94 Resp: 2483

Ion Ratio Lower Upper

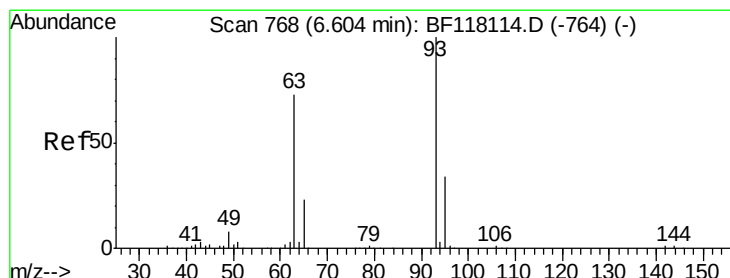
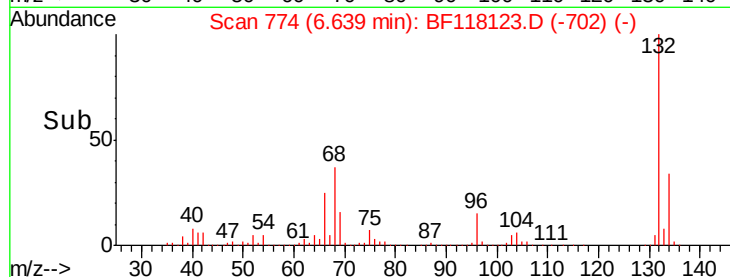
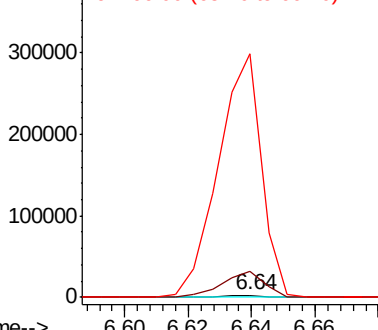
94 100

65 1171.6 7.3 47.3#

66 11228.2 20.2 60.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 0.174 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.04 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

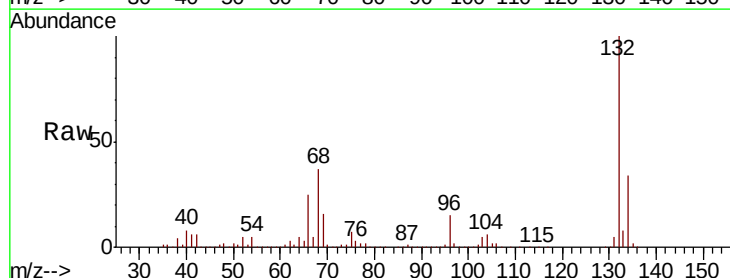
Tgt Ion: 93 Resp: 1396

Ion Ratio Lower Upper

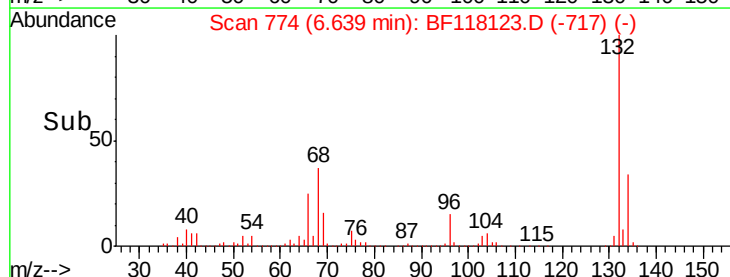
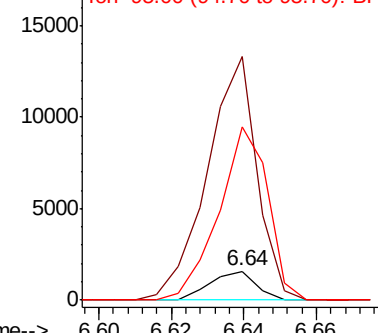
93 100

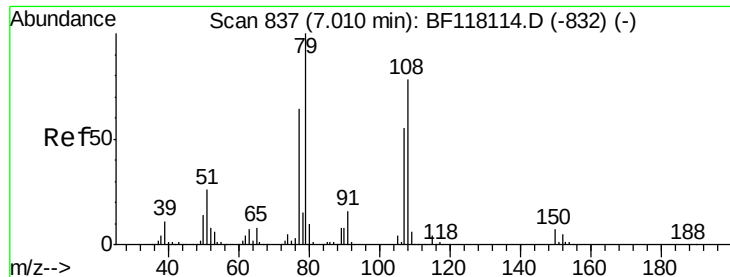
63 833.9 53.2 93.2#

95 591.5 13.8 53.8#



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: 1.900 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

Instrument :

BNA_F

ClientSampled :

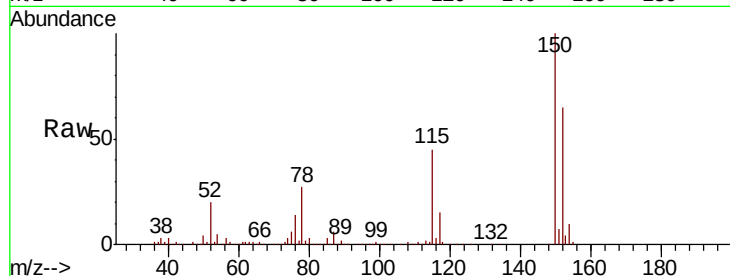
Tot Ion: 79 Resp: 14413

Ion Ratio Lower Upper

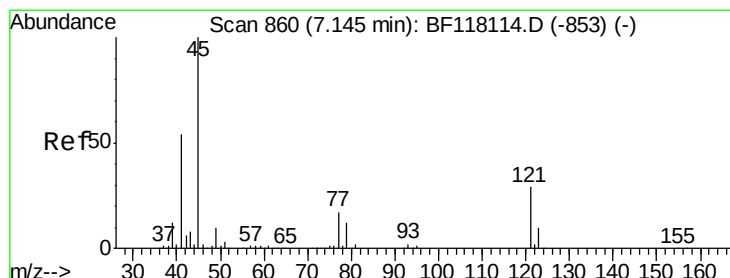
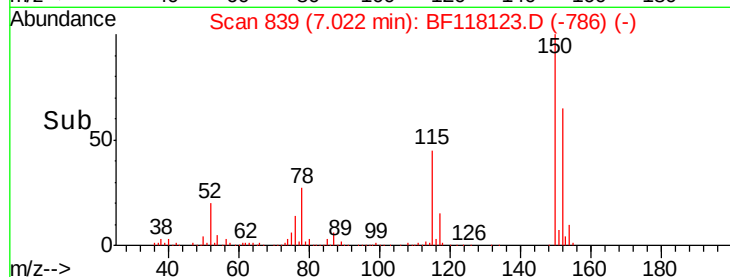
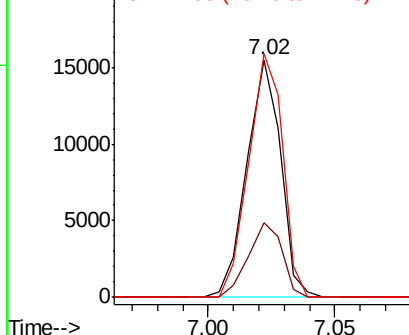
79 100

108 31.3 62.7 94.1#

77 102.4 51.4 77.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.013 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.07 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

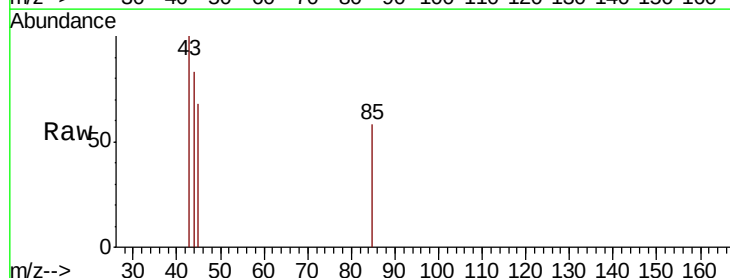
Tgt Ion: 45 Resp: 125

Ion Ratio Lower Upper

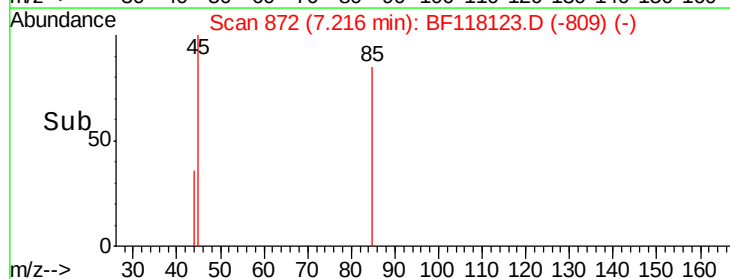
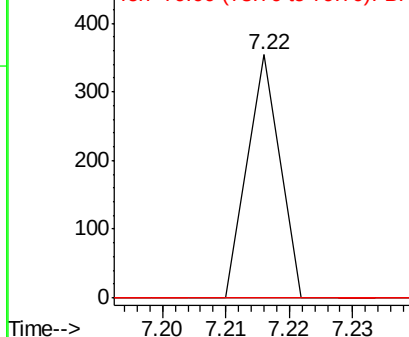
45 100

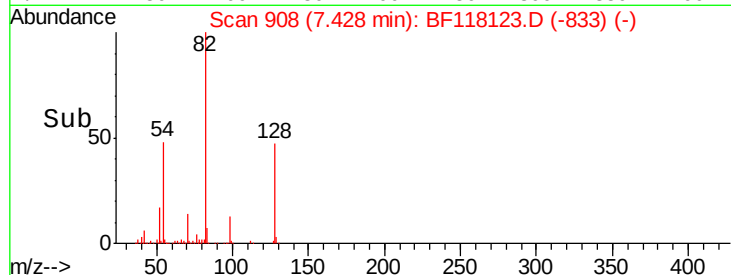
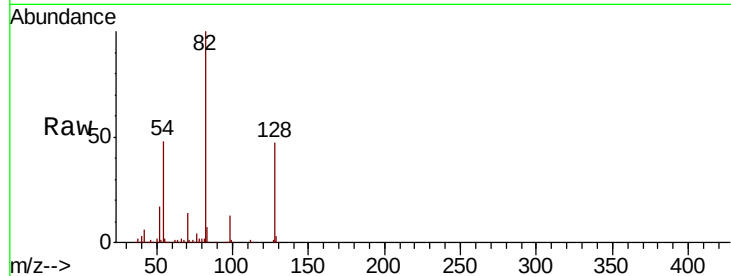
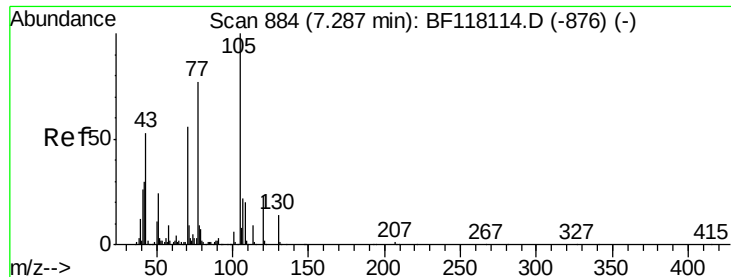
77 0.0 0.0 38.0

79 0.0 0.0 33.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

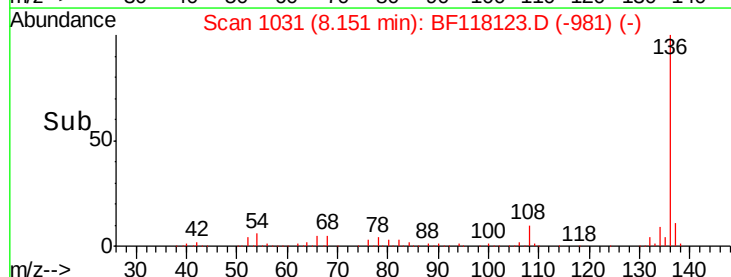
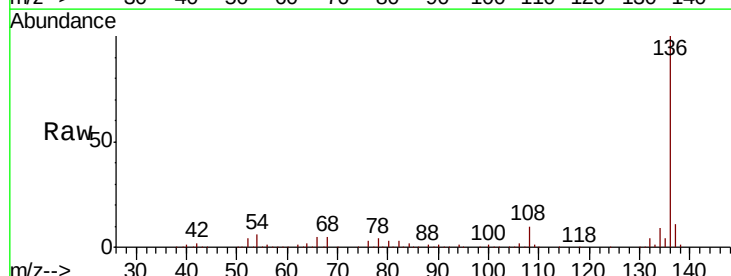
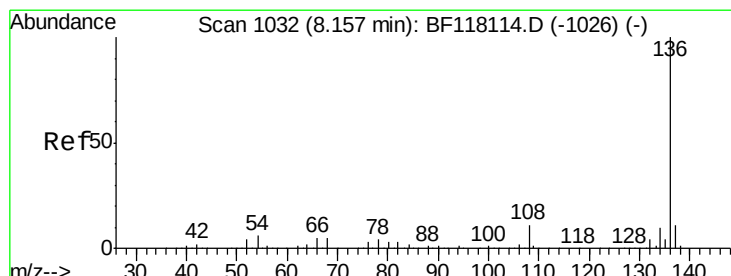
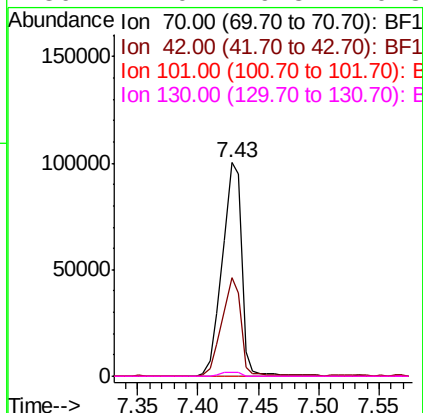




#19
n-Nitroso-di-n-propylamine
Concen: 18.924 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

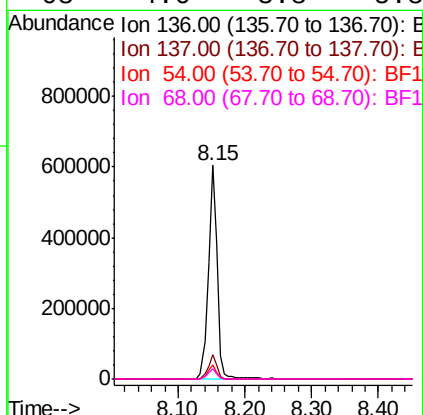
Instrument :
BNA_F
ClientSampleId :

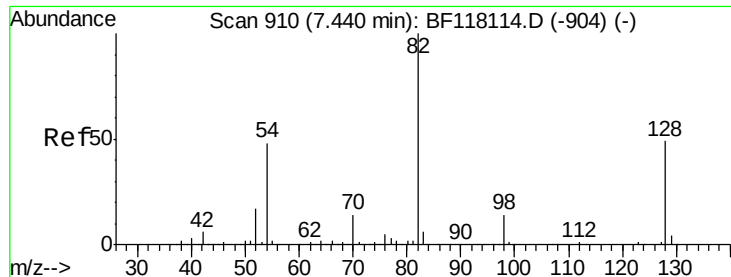
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.9	43.2	64.8
101	0.0	8.1	12.1#
130	2.0	19.8	29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.3	5.0	7.6
68	4.6	3.8	5.8

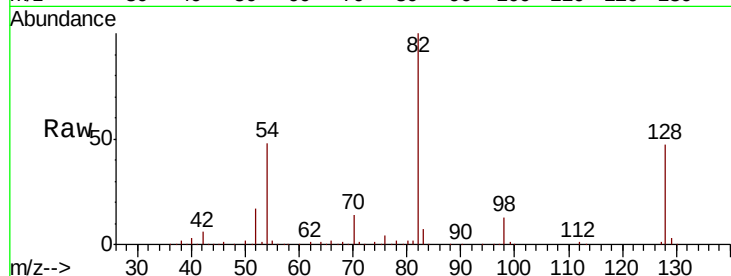




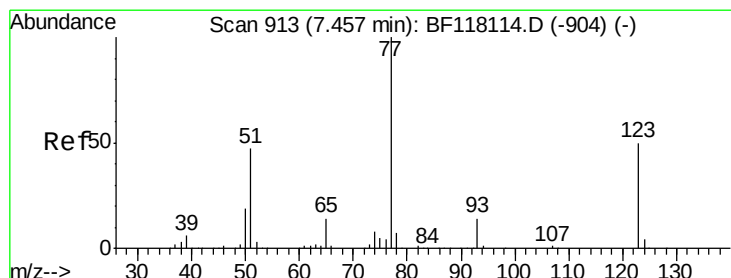
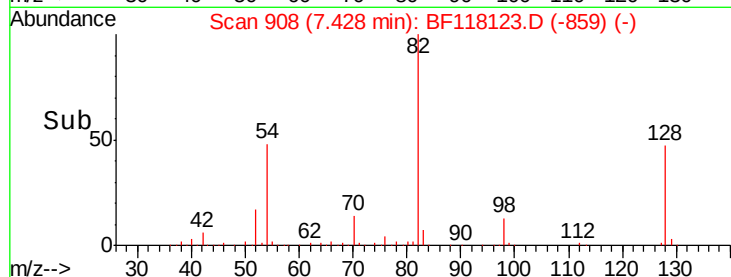
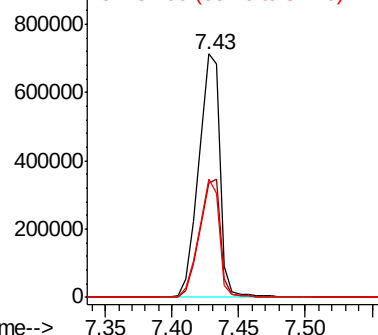
#23
 Nitrobenzene-d5
 Concen: 81.338 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118123.D
 Acq: 7 Dec 2019 12:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	809380
Ion Ratio	100	Lower	Upper
128	47.2	39.1	58.7
54	48.4	38.2	57.2

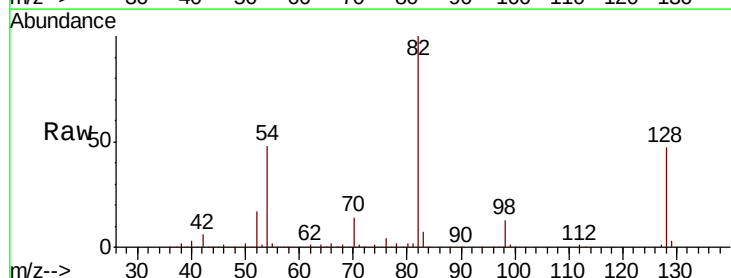


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

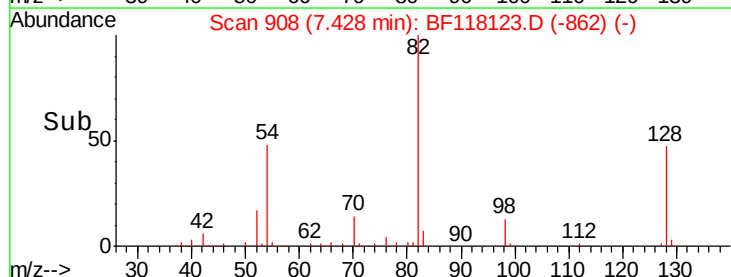
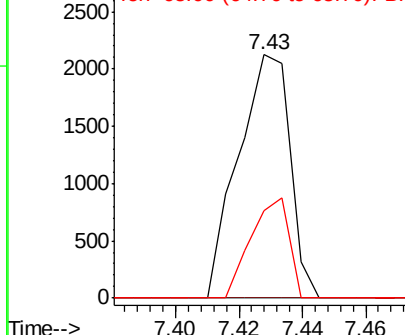


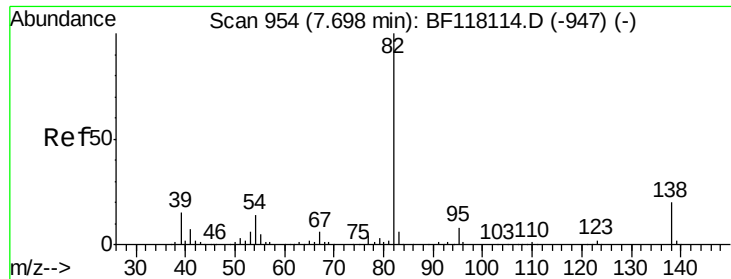
#24
 Nitrobenzene
 Concen: 0.246 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.03 min
 Lab File: BF118123.D
 Acq: 7 Dec 2019 12:27

Tgt Ion	77	Resp	2403
Ion Ratio	100	Lower	Upper
123	0.0	40.1	60.1#
65	36.0	10.9	16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.315 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

Instrument :

BNA_F

ClientSampled :

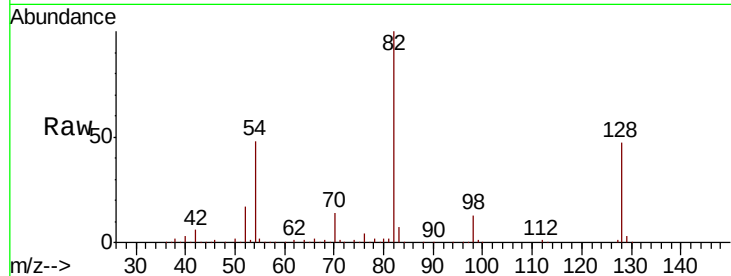
Tot Ion: 82 Resp: 798144

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

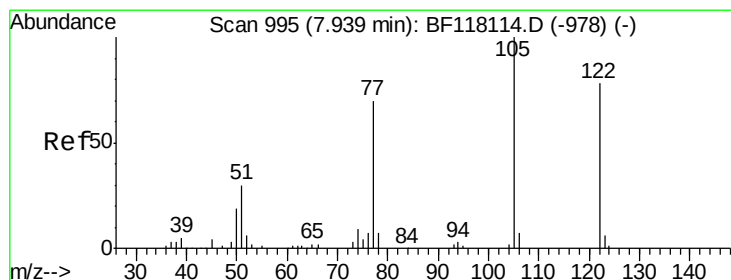
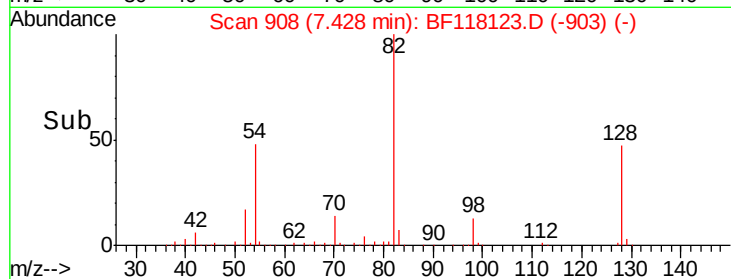
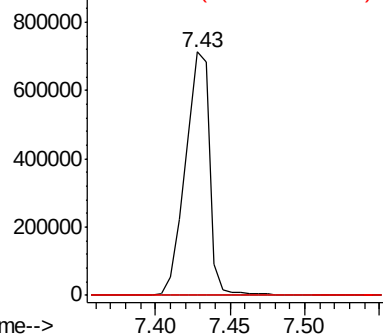
138 0.0 16.3 24.5#



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



#32

Benzoic acid

Concen: 0.017 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.22 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

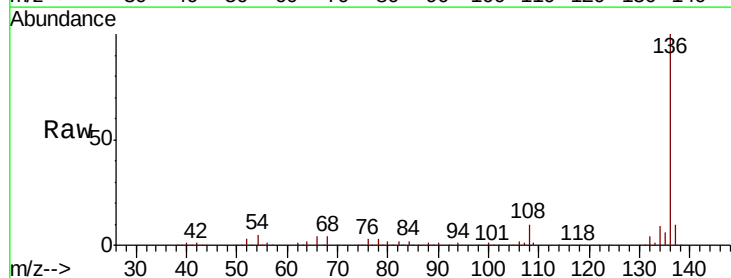
Tgt Ion: 122 Resp: 106

Ion Ratio Lower Upper

122 100

105 103.0 104.7 144.7#

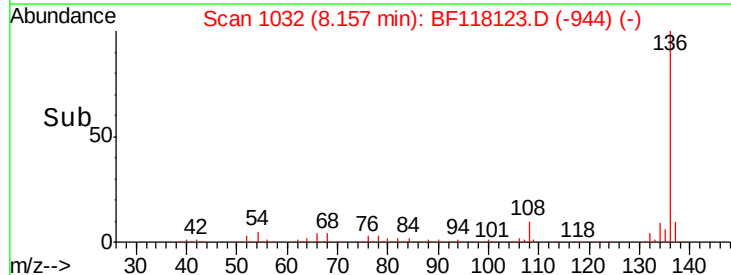
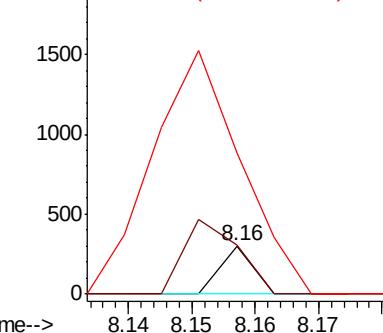
77 292.4 69.1 109.1#

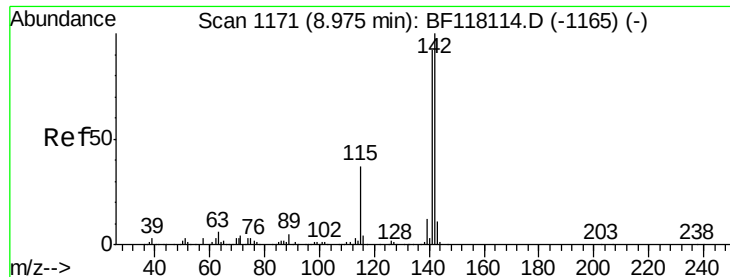


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

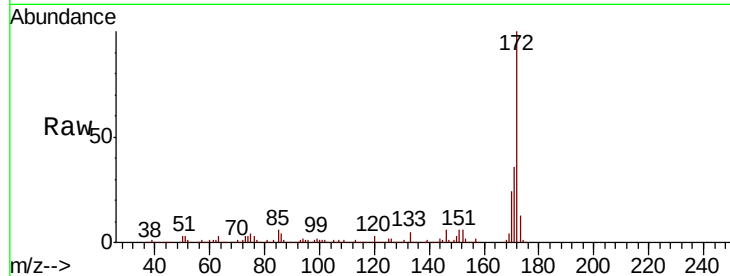




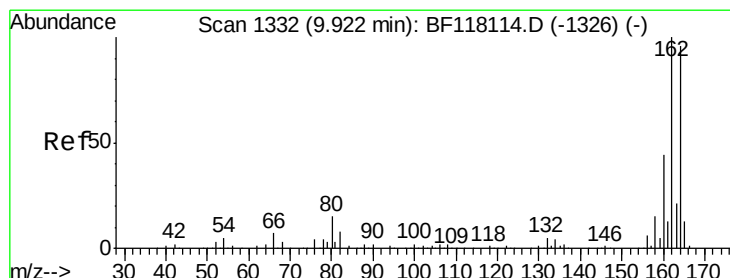
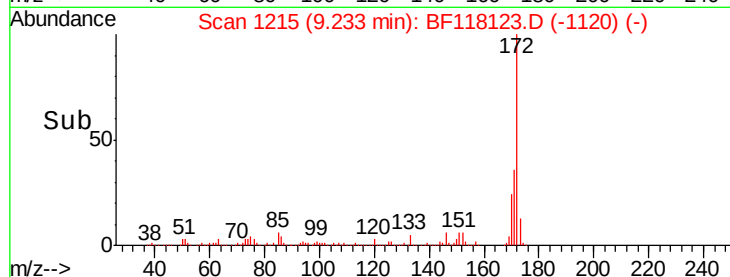
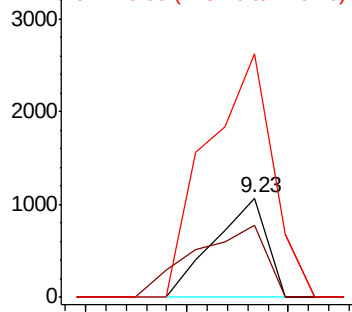
#38
1-Methylnaphthalene
Concen: 0.044 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.26 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 779
Ion Ratio Lower Upper
142 100
141 72.6 74.0 111.0#
116 245.2 3.2 4.8#

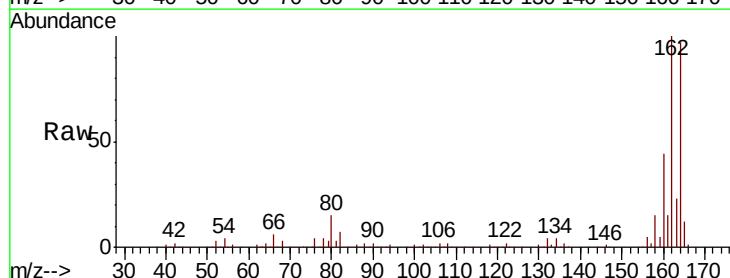


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

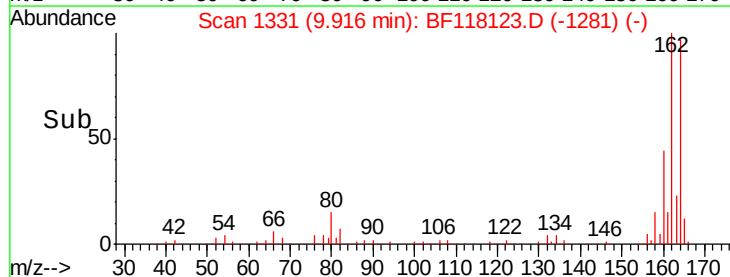
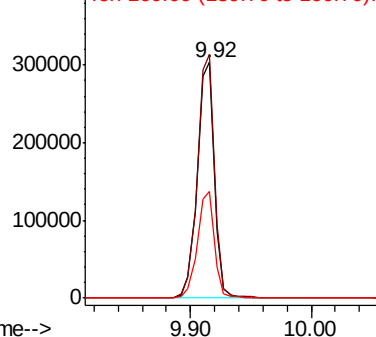


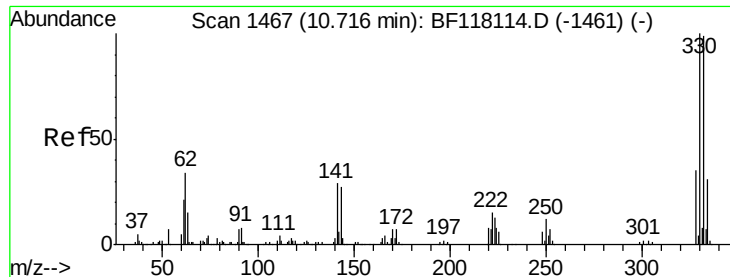
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion:164 Resp: 298681
Ion Ratio Lower Upper
164 100
162 103.3 83.4 125.0
160 45.5 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: 128.273 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

Instrument :

BNA_F

ClientSampleId :

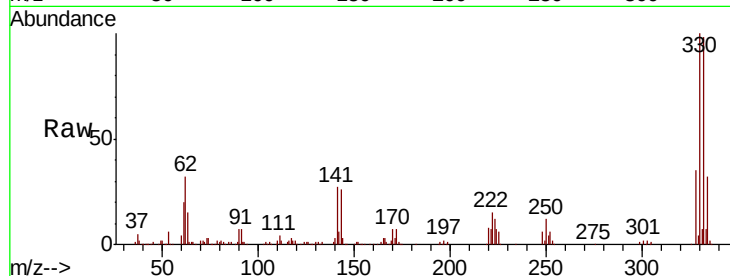
Tot Ion:330 Resp: 465431

Ion Ratio Lower Upper

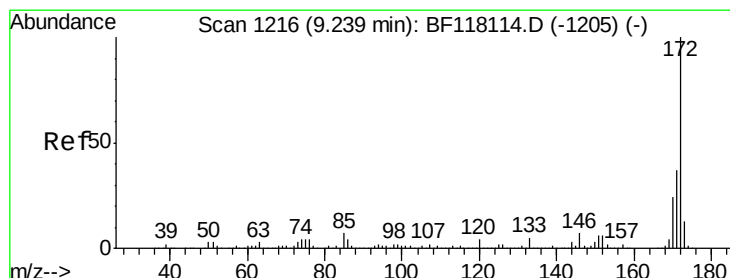
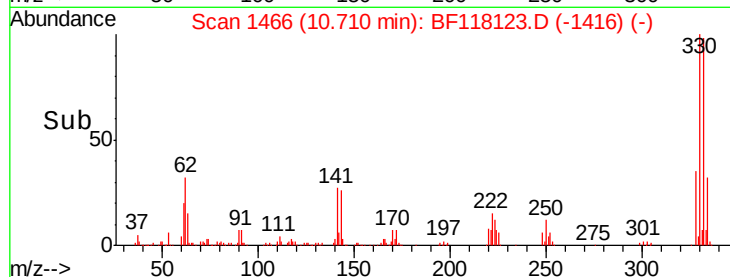
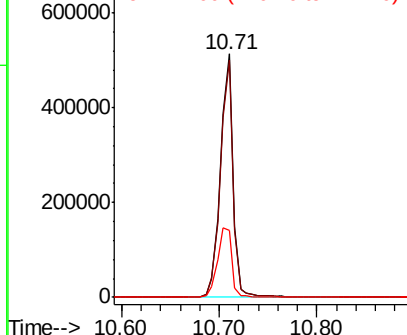
330 100

332 97.3 78.1 117.1

141 32.7 26.9 40.3



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



#45

2-Fluorobiphenyl

Concen: 84.006 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

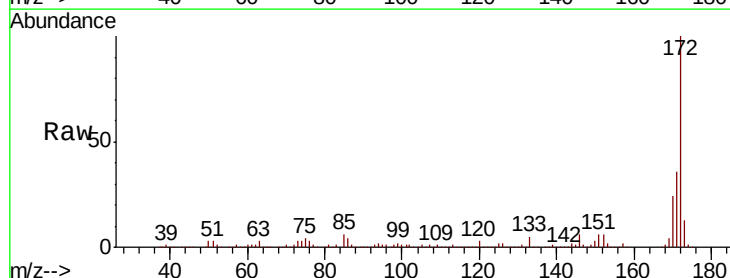
Tgt Ion:172 Resp: 1648938

Ion Ratio Lower Upper

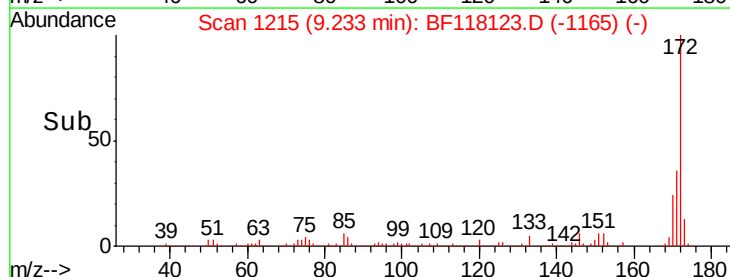
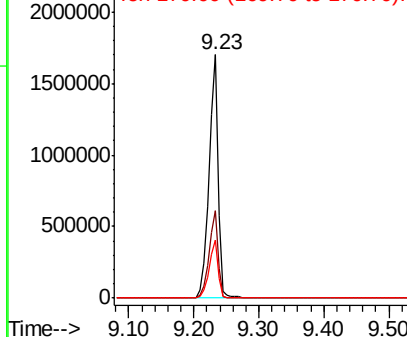
172 100

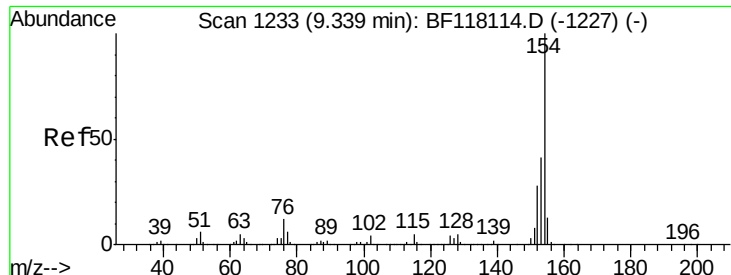
171 36.0 29.2 43.8

170 24.1 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

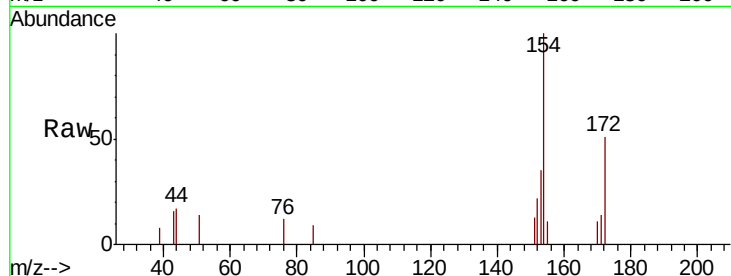




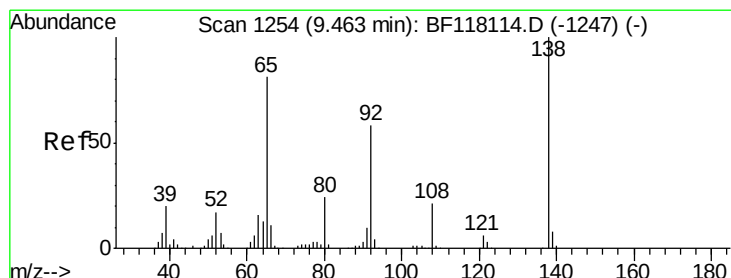
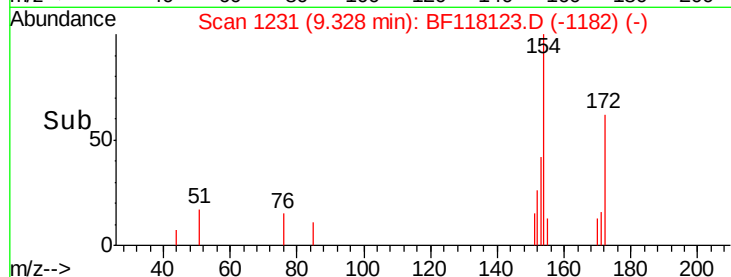
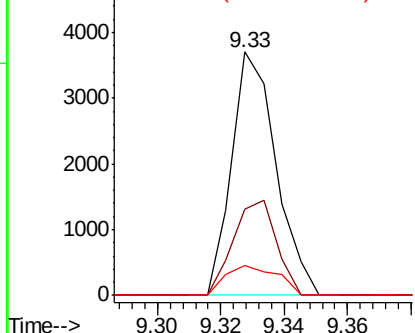
#46
1,1'-Biphenyl
Concen: 0.152 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 3573
Ion Ratio Lower Upper
154 100
153 35.5 20.7 60.7
76 12.2 0.0 31.9

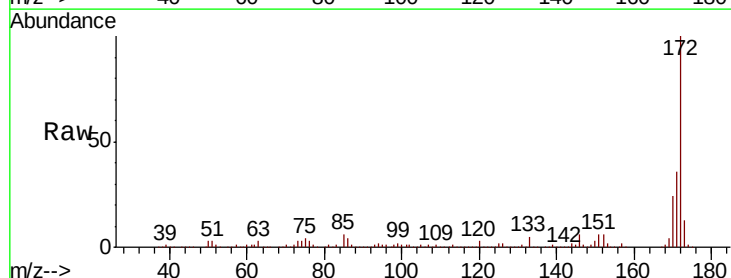


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

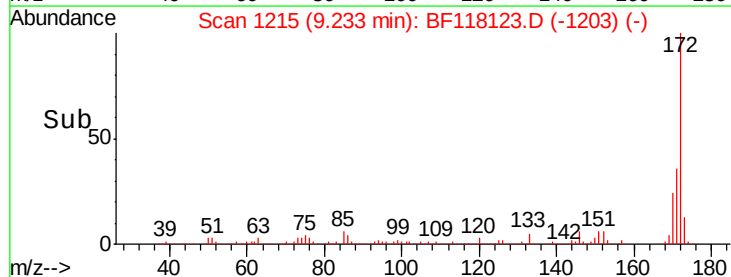
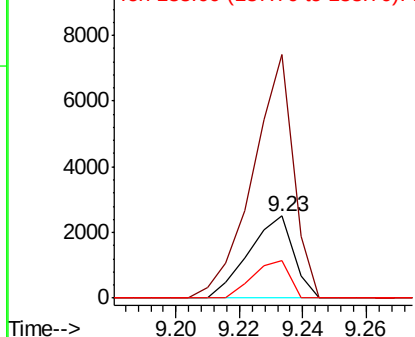


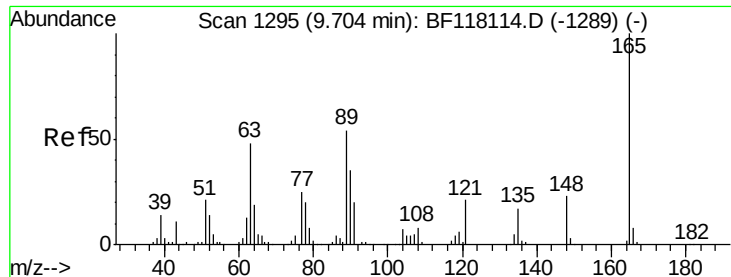
#48
2-Nitroaniline
Concen: 0.454 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.23 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion: 65 Resp: 2453
Ion Ratio Lower Upper
65 100
92 298.0 57.8 86.6#
138 46.0 98.8 148.2#



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: 7.715 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

Instrument :

BNA_F

ClientSampled :

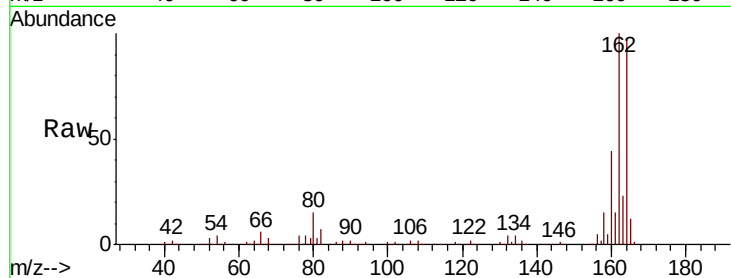
Tot Ion:165 Resp: 37009

Ion Ratio Lower Upper

165 100

63 2.2 41.4 62.0#

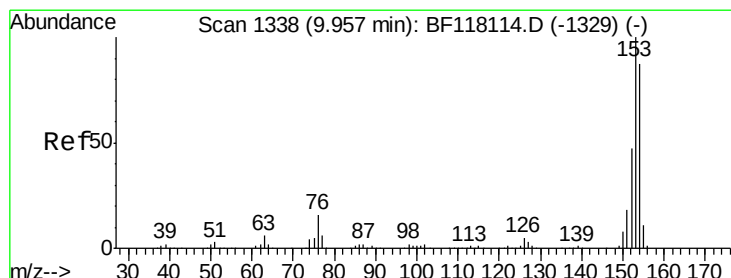
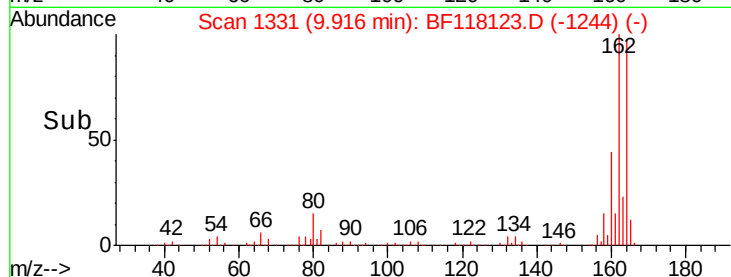
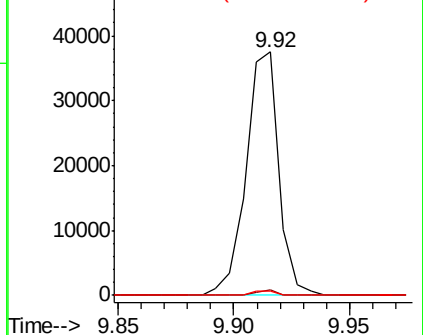
89 1.7 42.9 64.3#



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



#52

Acenaphthene

Concen: 0.055 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.04 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

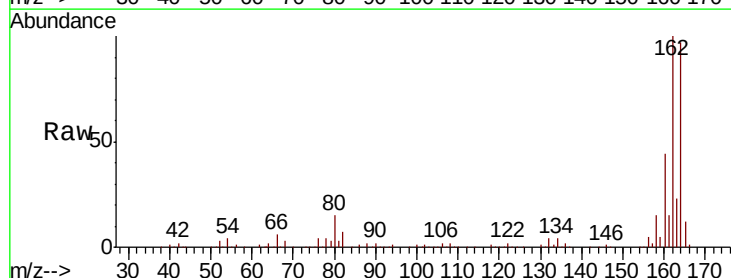
Tgt Ion:154 Resp: 946

Ion Ratio Lower Upper

154 100

153 0.0 91.8 137.6#

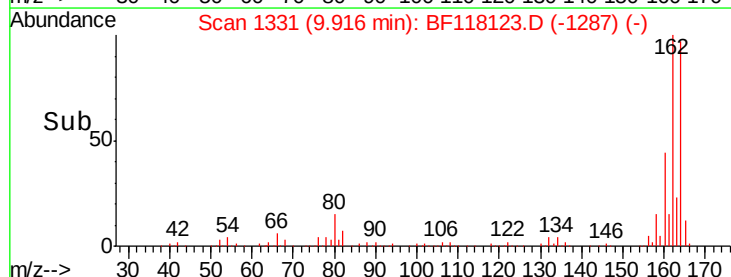
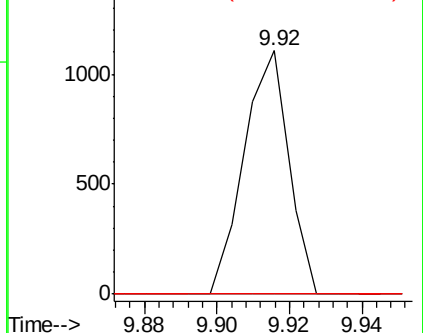
152 0.0 43.3 64.9#

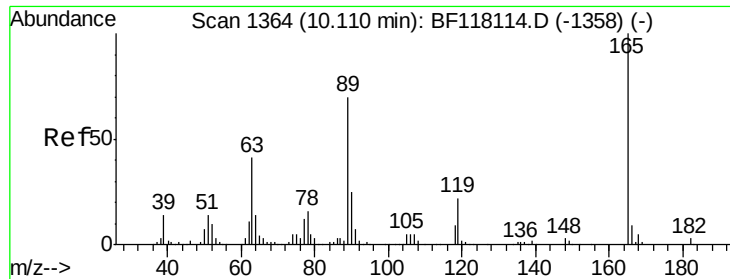


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

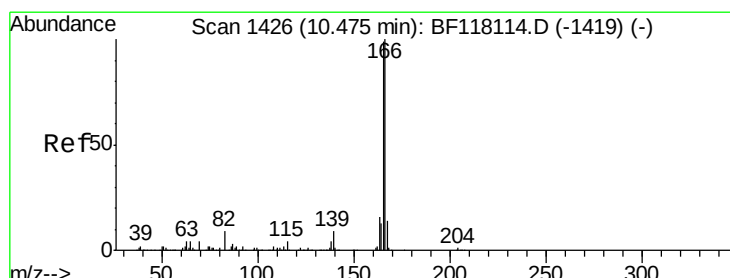
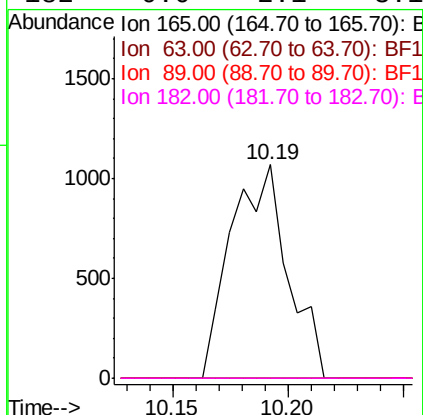
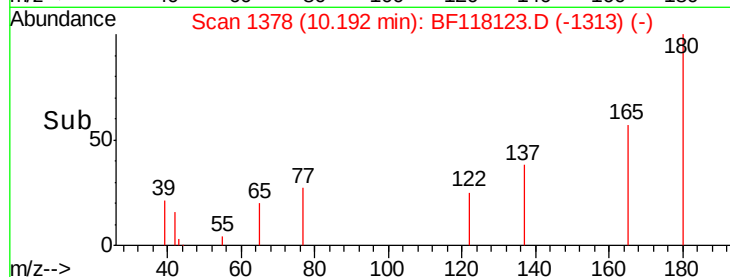
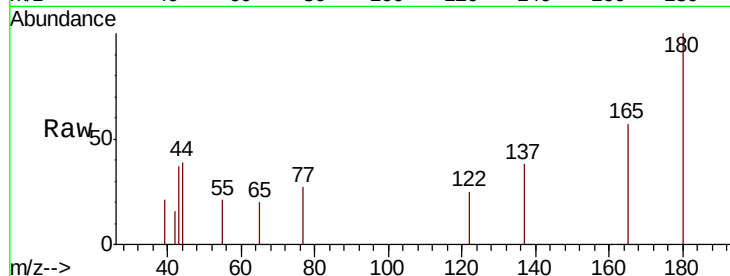




#57
2,4-Dinitrotoluene
Concen: 0.286 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

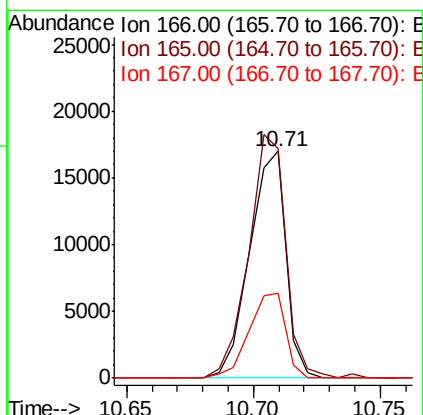
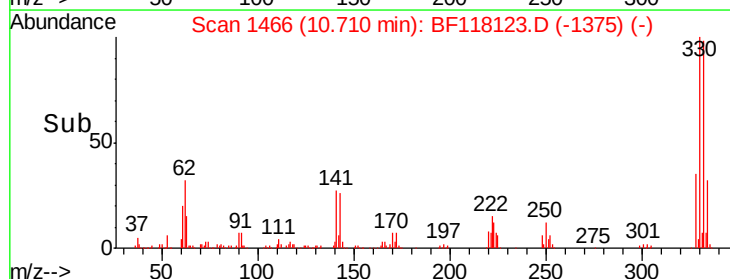
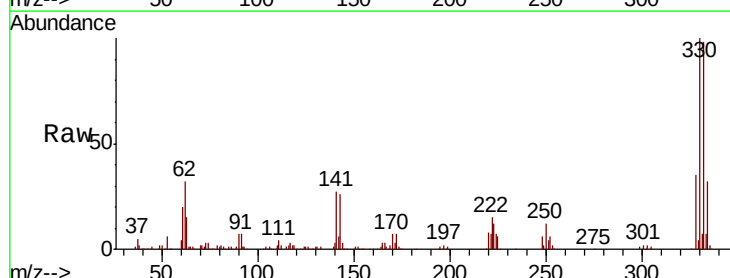
Instrument :
BNA_F
ClientSampleId :

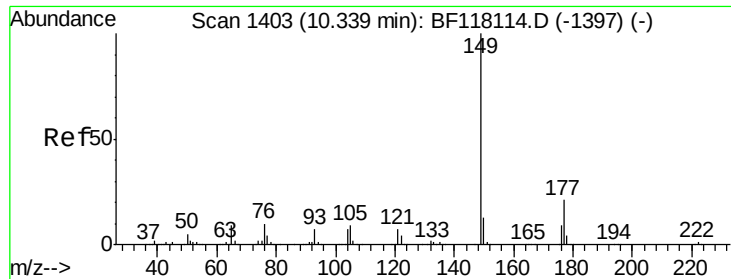
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.6	49.0#
89	0.0	56.1	84.1#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: 0.853 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.24 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.0	118.4
167	37.4	10.9	16.3#





#60

Diethylphthalate

Concen: 0.384 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

Instrument :

BNA_F

ClientSampleId :

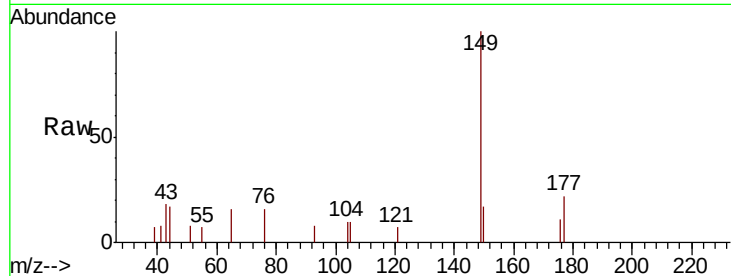
Tot Ion:149 Resp: 8340

Ion Ratio Lower Upper

149 100

177 21.7 17.0 25.4

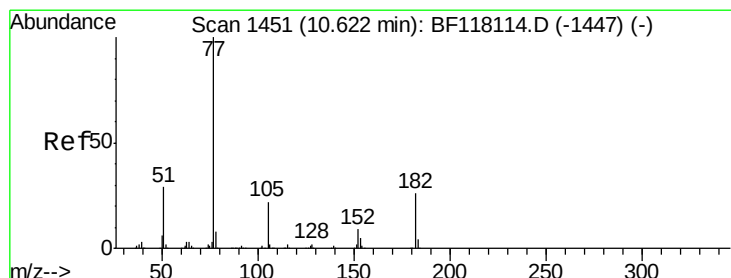
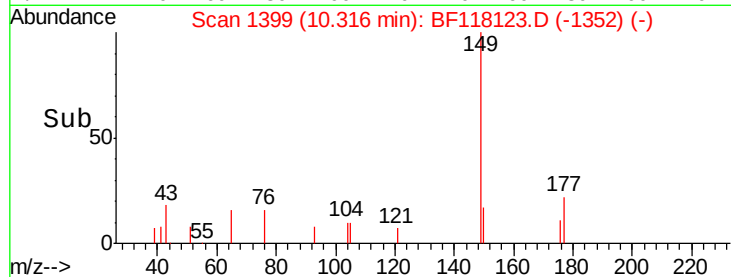
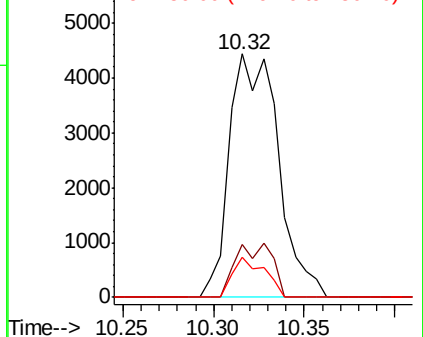
150 16.6 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Azobenzene

Concen: 0.101 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.08 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

Tgt Ion: 77 Resp: 1880

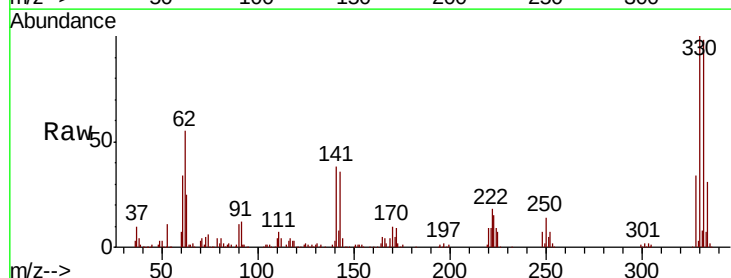
Ion Ratio Lower Upper

77 100

182 22.9 5.7 45.7

105 114.6 2.2 42.2#

51 99.0 9.6 49.6#

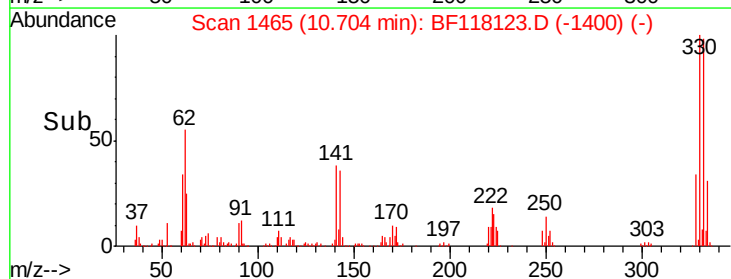
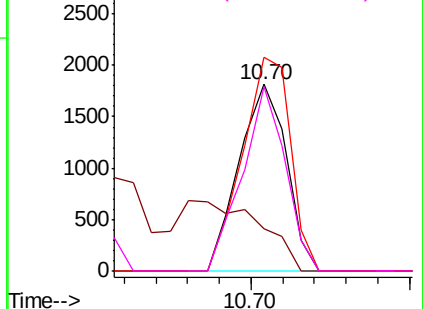


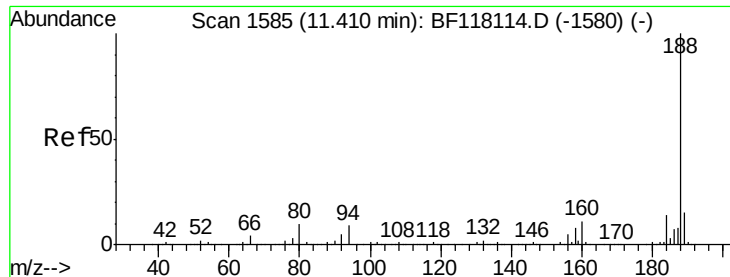
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

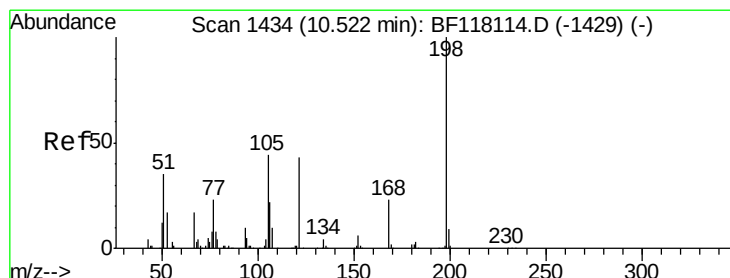
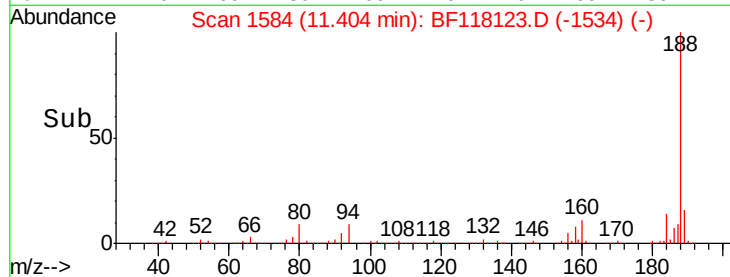
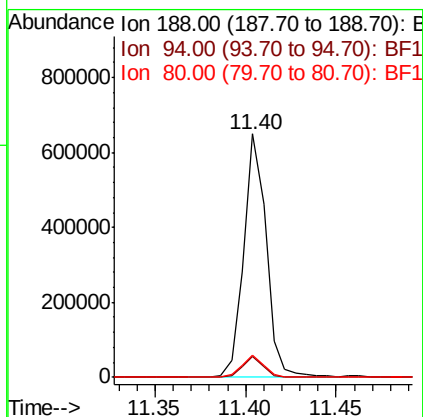
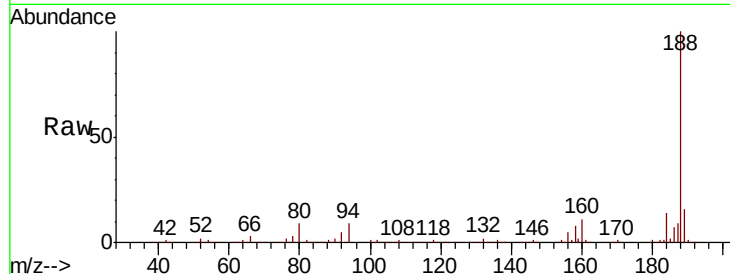




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

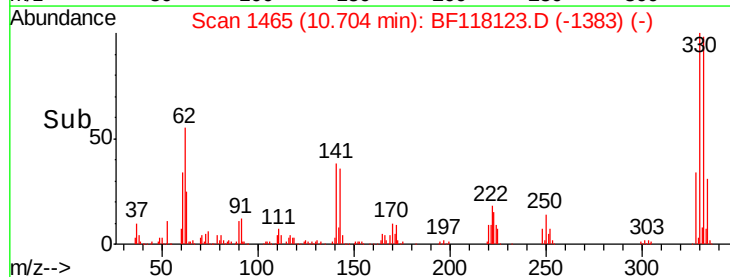
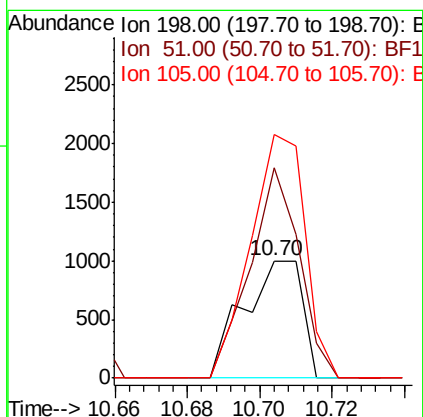
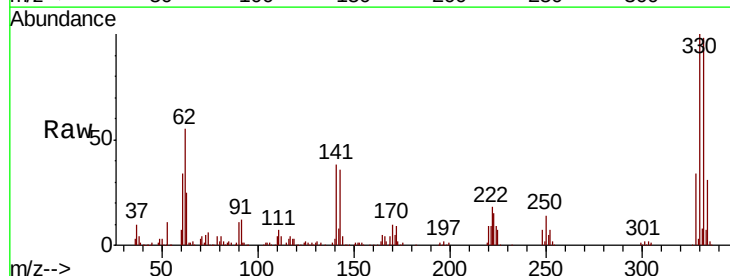
Instrument :
BNA_F
ClientSampleId :

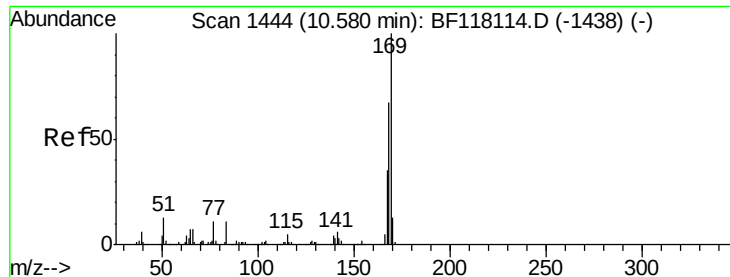
Tot Ion:188 Resp: 563010
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.3 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 0.361 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion:198 Resp: 1122
Ion Ratio Lower Upper
198 100
51 179.0 22.0 62.0#
105 207.4 25.6 65.6#

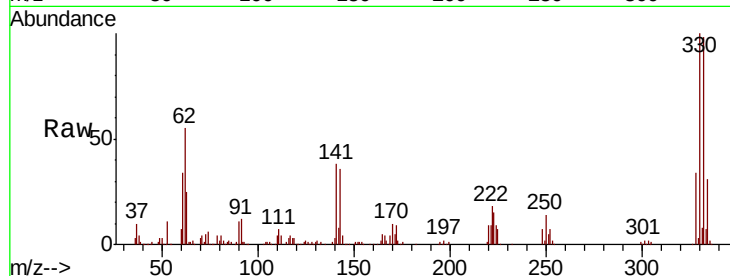




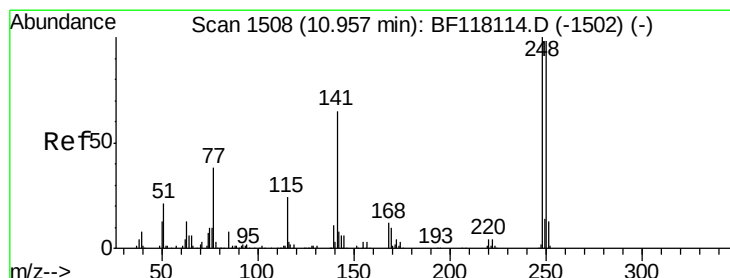
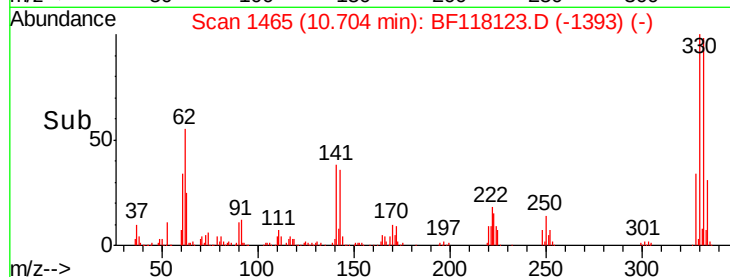
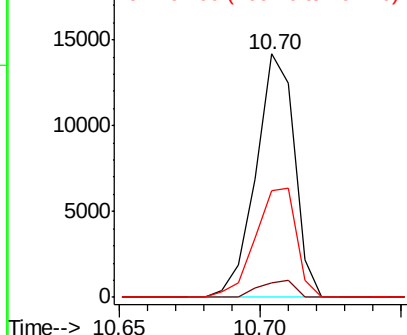
#66
n-Nitrosodiphenylamine
Concen: 0.764 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.12 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 13426
Ion Ratio Lower Upper
169 100
168 5.9 53.4 80.2#
167 43.6 28.4 42.6#

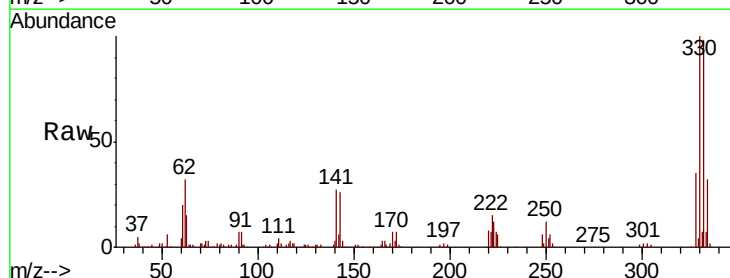


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

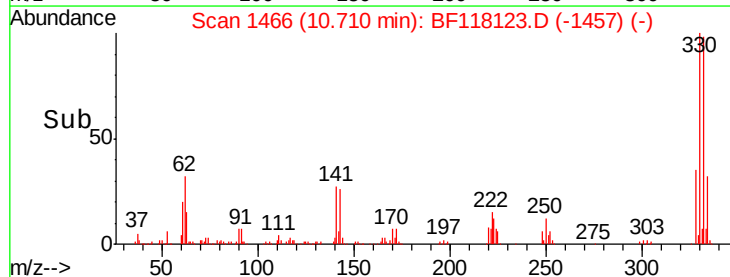
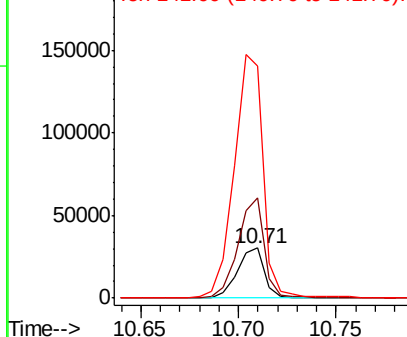


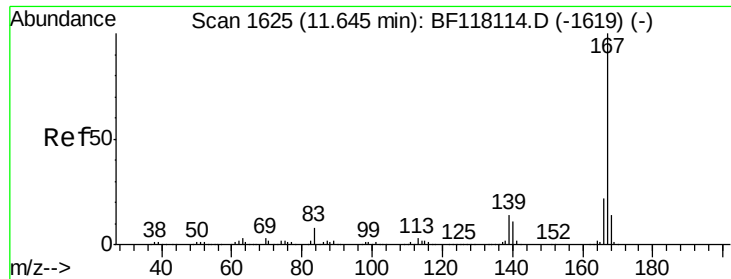
#67
4-Bromophenyl-phenylether
Concen: 4.536 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion:248 Resp: 29153
Ion Ratio Lower Upper
248 100
250 200.8 78.3 117.5#
141 462.8 52.2 78.4#



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

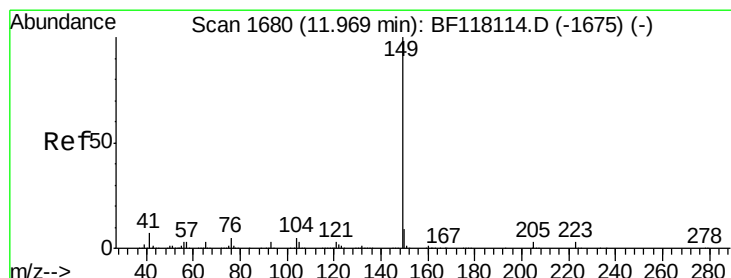
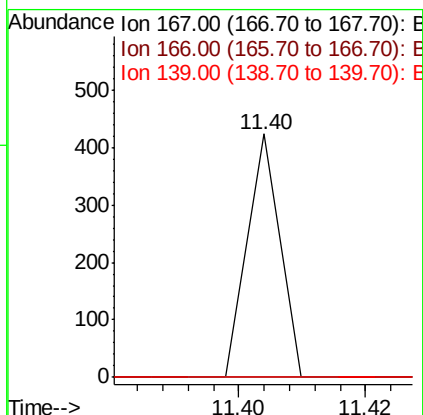
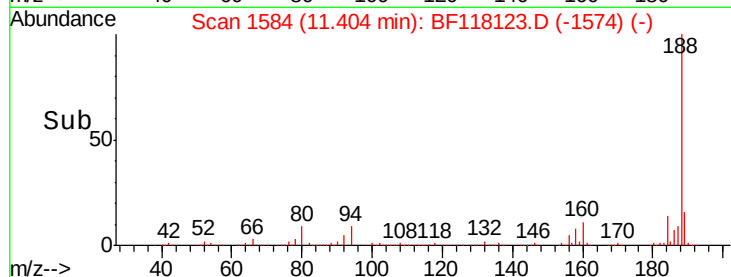
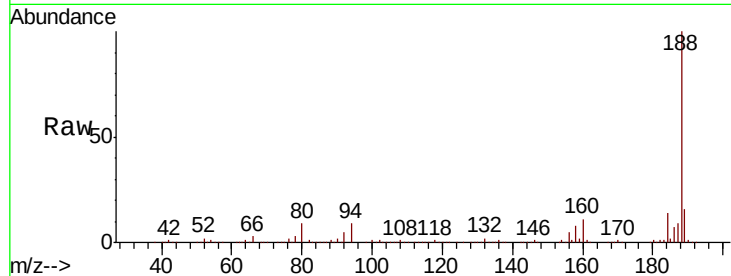




#73
 Carbazole
 Concen: 0.006 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.24 min
 Lab File: BF118123.D
 Acq: 7 Dec 2019 12:27

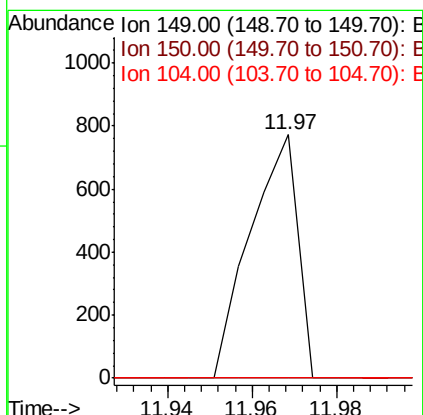
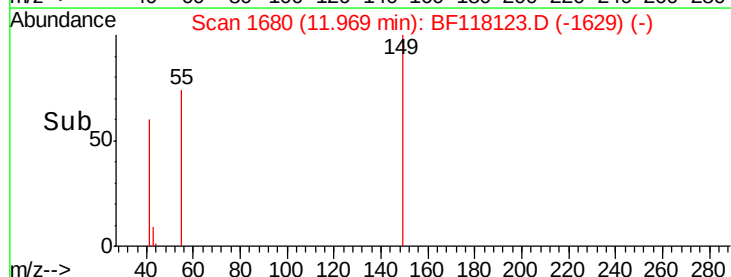
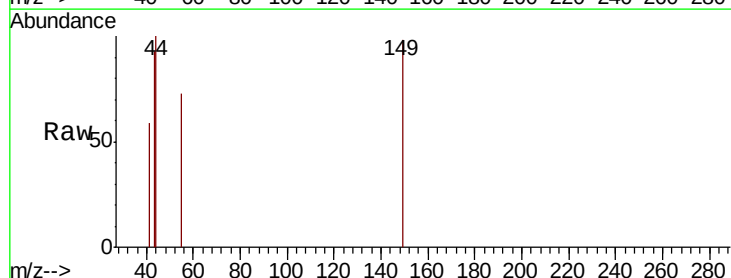
Instrument :
 BNA_F
 ClientSampleId :

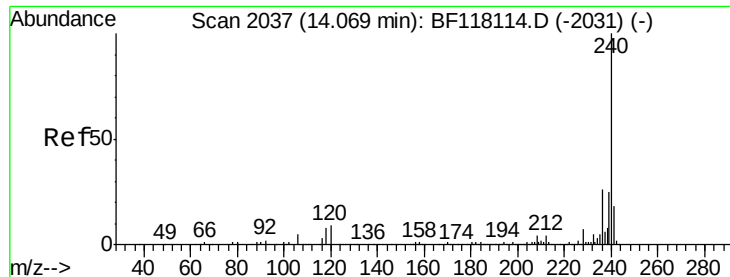
Tot Ion:167 Resp: 150
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.4 26.2#
 139 0.0 11.4 17.0#



#74
 Di-n-butylphthalate
 Concen: 0.018 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118123.D
 Acq: 7 Dec 2019 12:27

Tgt Ion:149 Resp: 606
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.4 11.2#
 104 0.0 4.3 6.5#

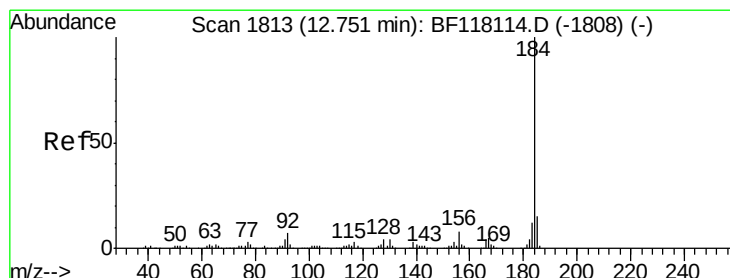
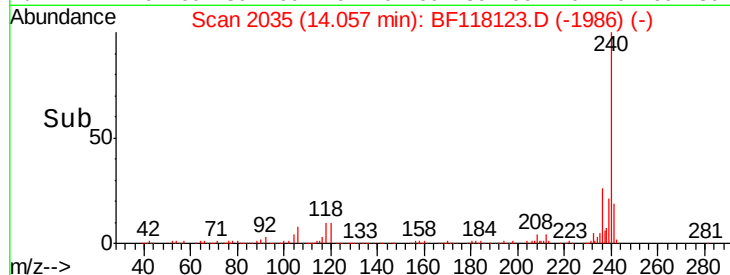
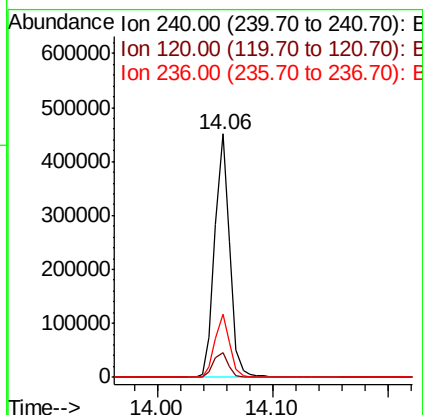
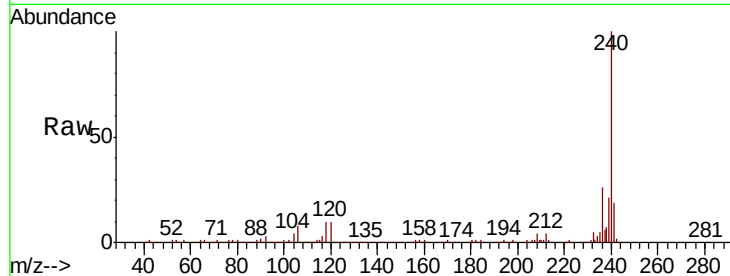




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

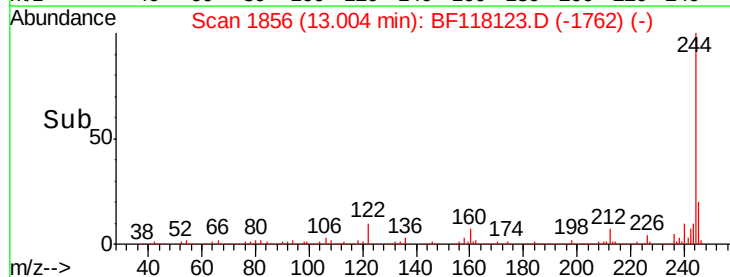
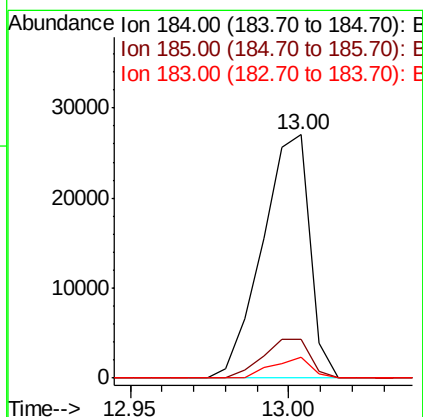
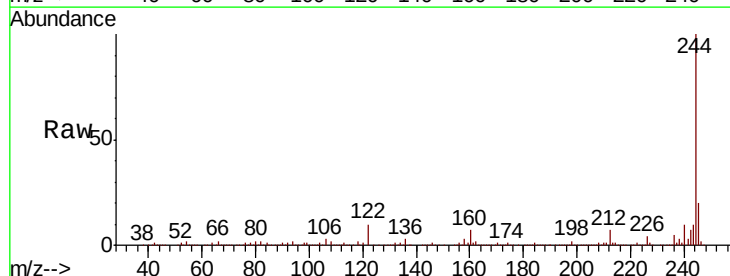
Instrument :
BNA_F
ClientSampleId :

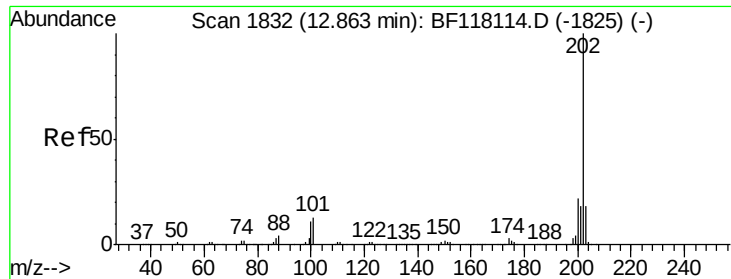
Tot Ion:240 Resp: 405826
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.0 21.0 31.6



#77
Benzidine
Concen: 2.633 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.25 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion:184 Resp: 28127
Ion Ratio Lower Upper
184 100
185 16.2 12.3 18.5
183 8.7 9.9 14.9#

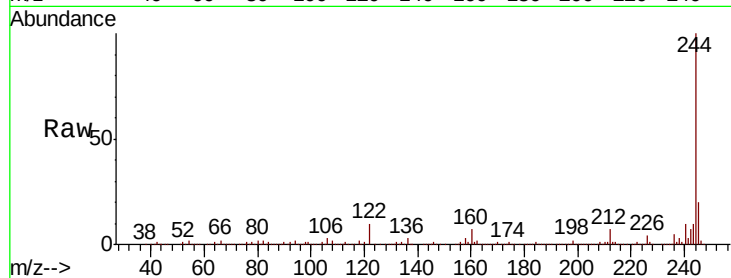




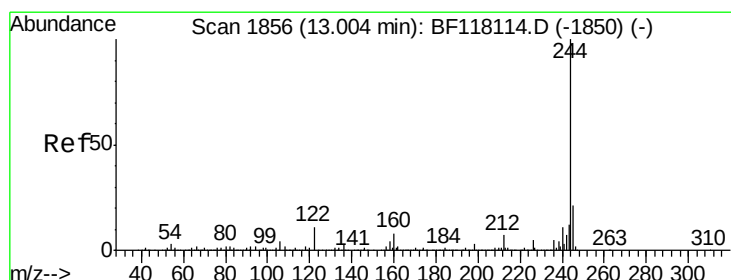
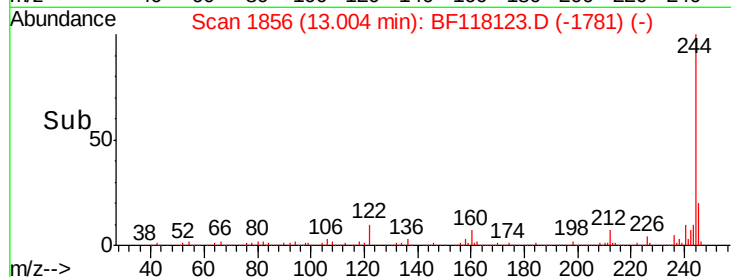
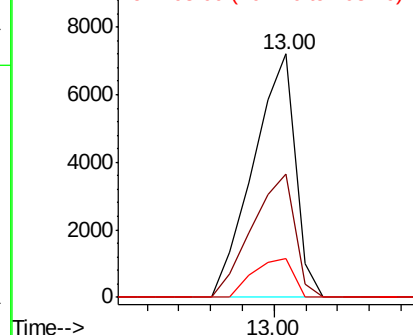
#78
Pvrene
Concen: 0.207 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.14 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 6623
Ion Ratio Lower Upper
202 100
200 50.8 17.5 26.3#
203 15.8 14.6 21.8

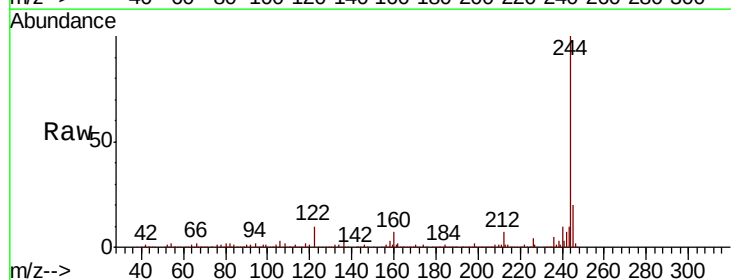


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

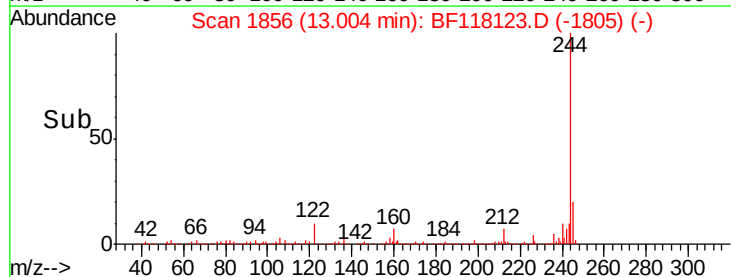
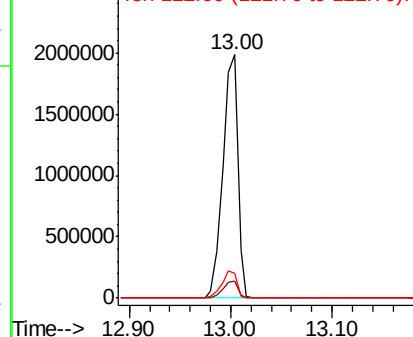


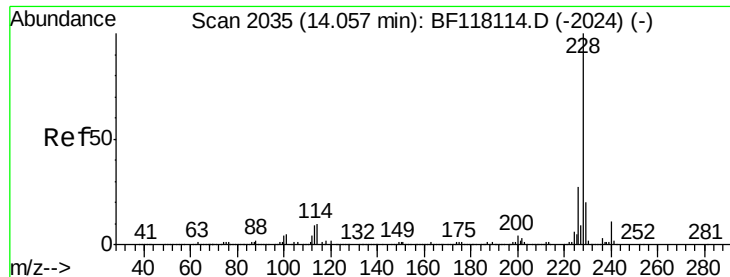
#79
Terphenyl-d14
Concen: 86.518 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion:244 Resp: 2041795
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.0 9.0 13.6



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

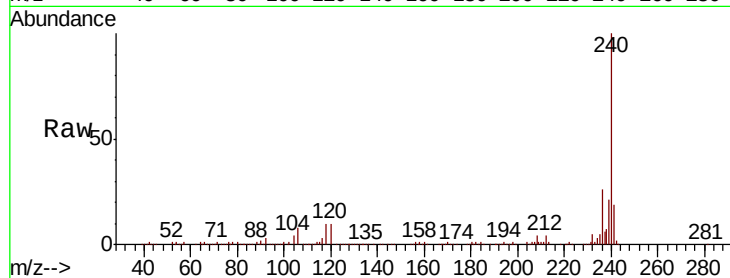




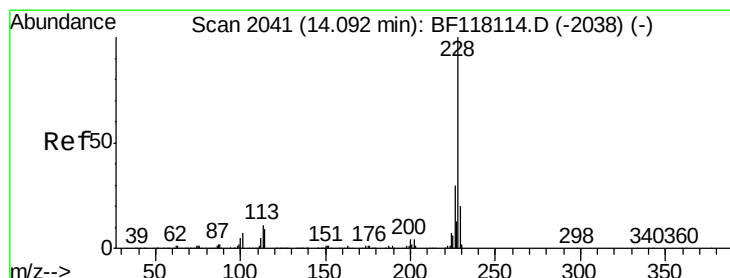
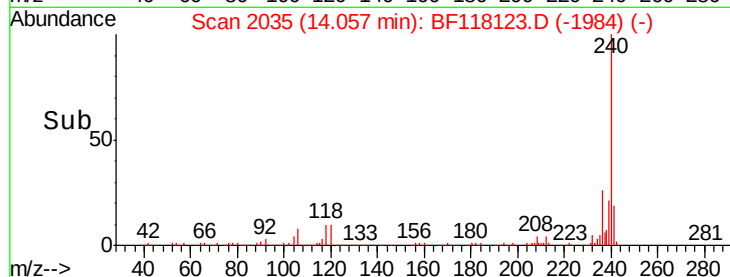
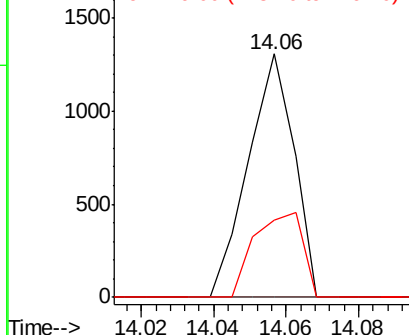
#81
Benzo(a)anthracene
Concen: 0.041 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1144
Ion Ratio Lower Upper
228 100
226 0.0 21.8 32.8#
229 31.5 15.8 23.8#

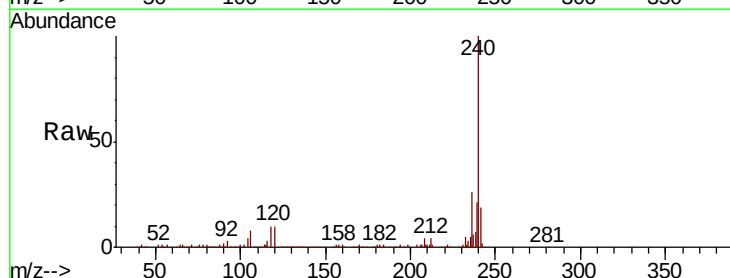


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

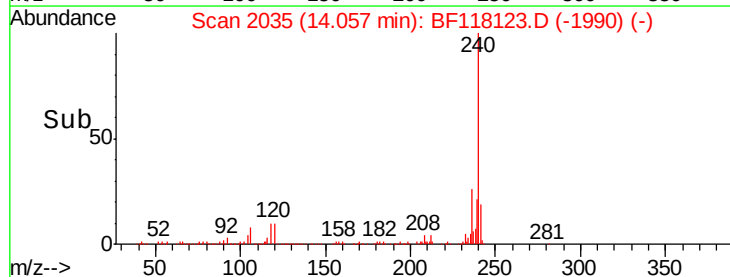
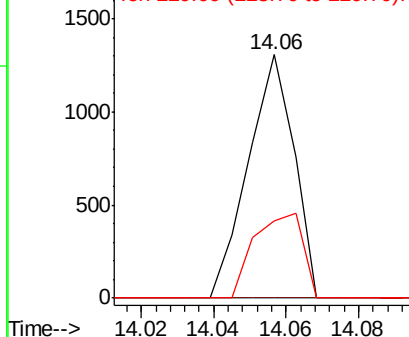


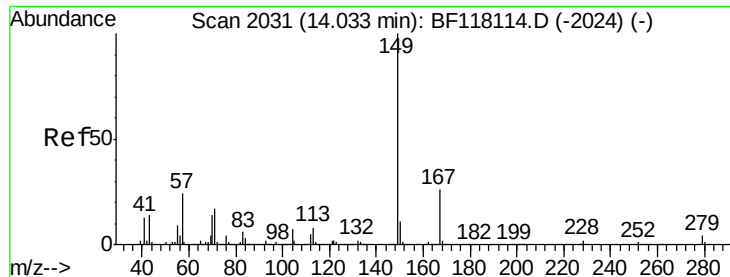
#83
Chrysene
Concen: 0.043 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.04 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion:228 Resp: 1144
Ion Ratio Lower Upper
228 100
226 0.0 23.8 35.8#
229 31.5 15.7 23.5#



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

Instrument :

BNA_F

ClientSampleId :

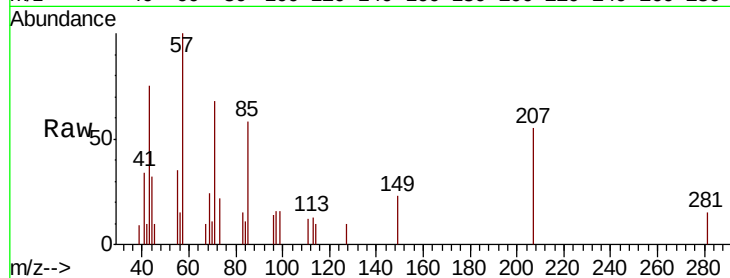
Tot Ion:149 Resp: 576

Ion Ratio Lower Upper

149 100

167 0.0 20.8 31.2#

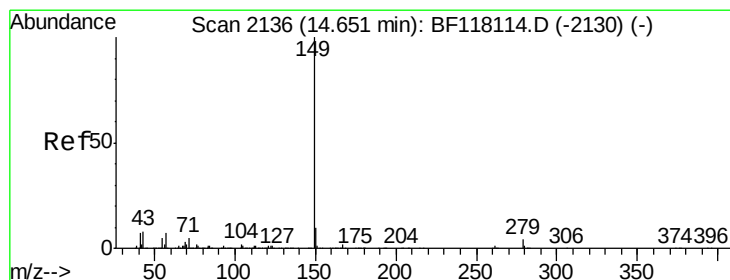
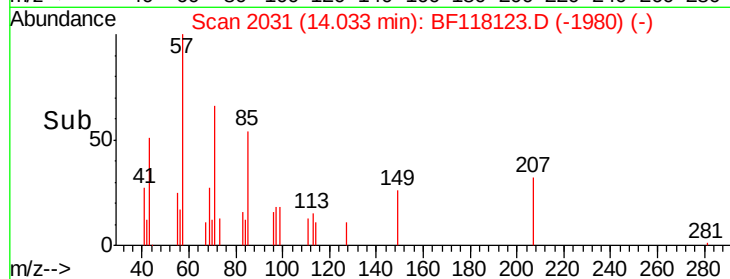
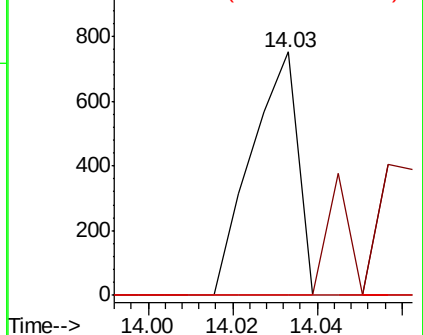
279 0.0 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.05 min

Lab File: BF118123.D

Acq: 7 Dec 2019 12:27

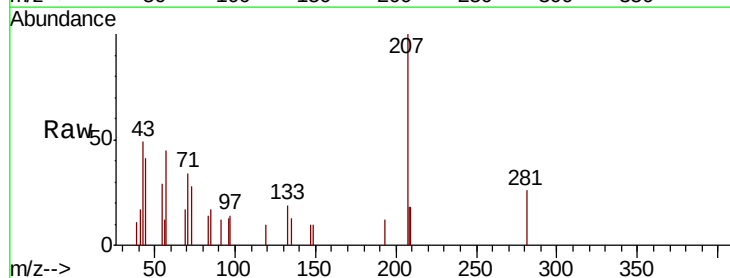
Tgt Ion:149 Resp: 110

Ion Ratio Lower Upper

149 100

167 111.8 1.3 1.9#

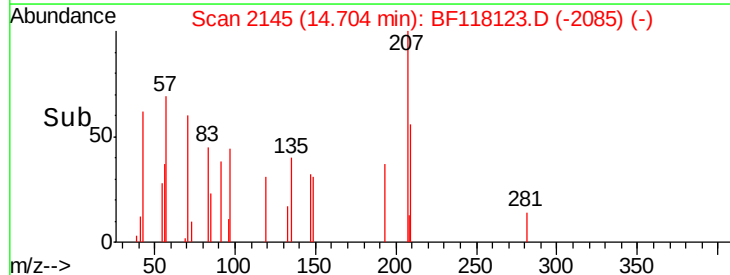
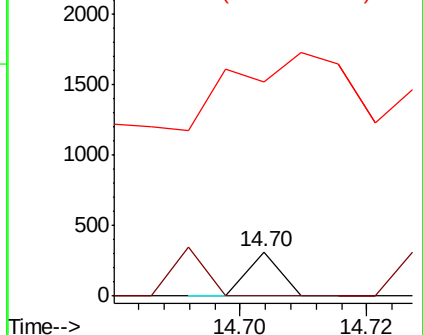
43 0.0 6.5 9.7#

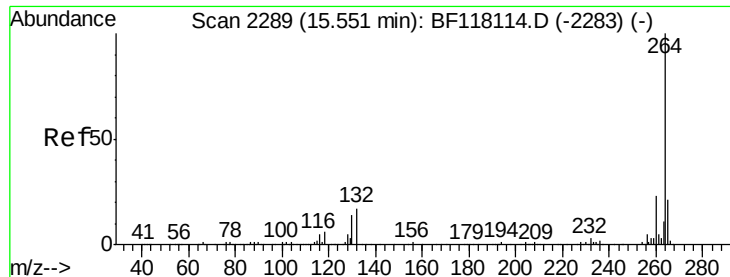


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



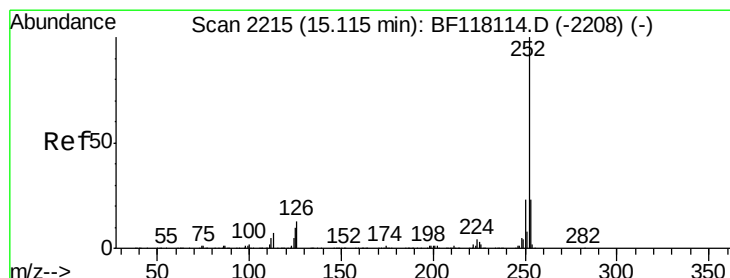
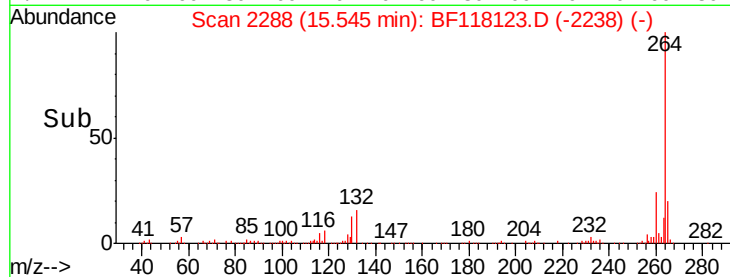
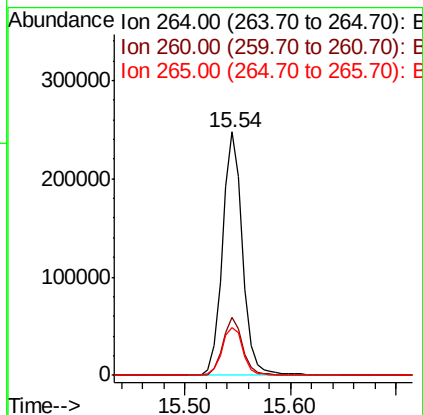
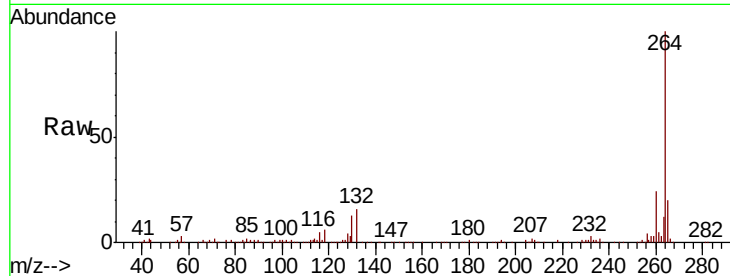


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 326258

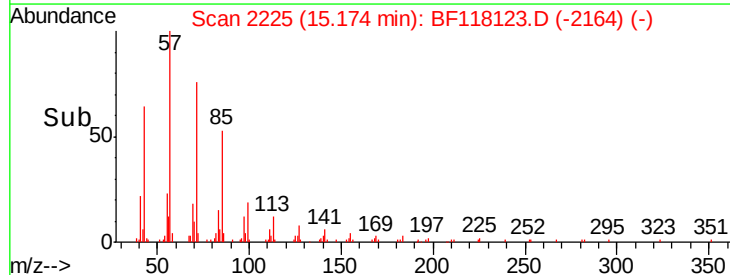
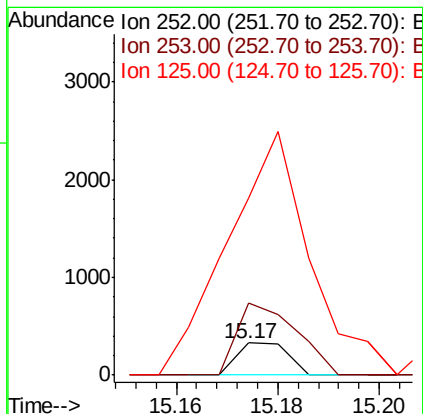
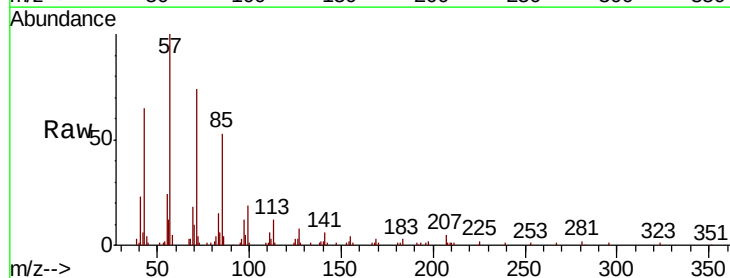
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	19.8	16.8	25.2

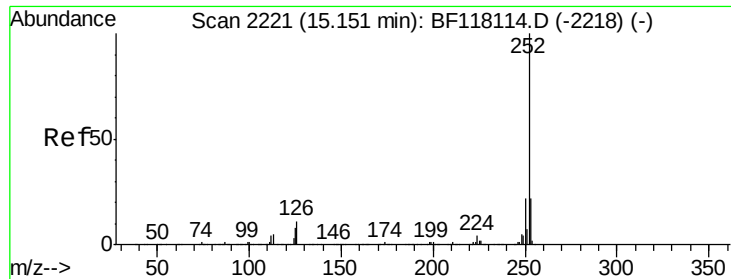


#88
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.06 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion:252 Resp: 230

Ion	Ratio	Lower	Upper
252	100		
253	222.5	18.2	27.4#
125	551.7	8.3	12.5#

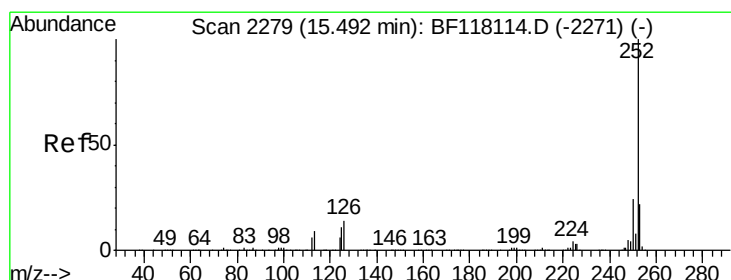
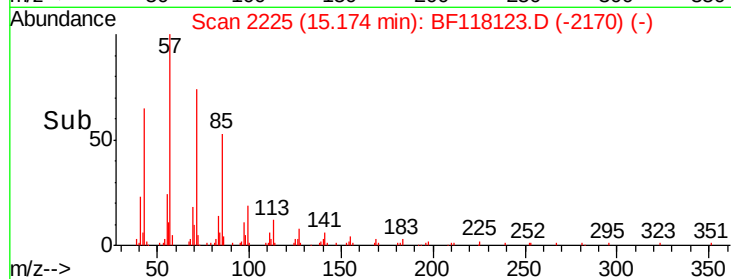
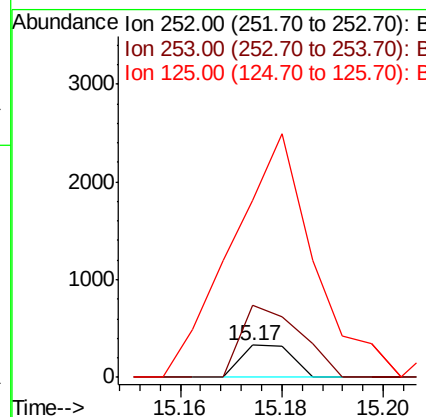
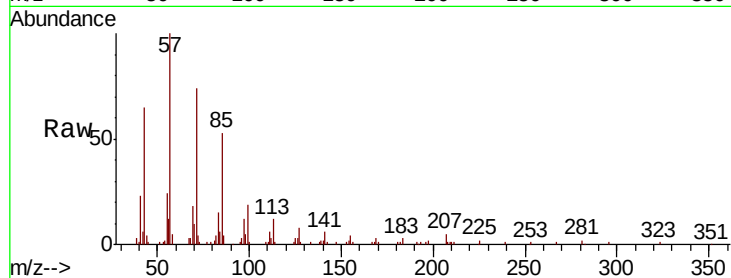




#89
Benzo(k)fluoranthene
Concen: 0.011 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.02 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	222.5	17.6	26.4#
125	551.7	6.7	10.1#



#90
Benzo(a)pyrene
Concen: 0.069 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.05 min
Lab File: BF118123.D
Acq: 7 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.3	17.5	26.3#
125	82.9	9.1	13.7#

