

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119084.D
 Acq On : 26 Feb 2020 00:41
 Operator : CG/JU
 Sample : L1613-01DL 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

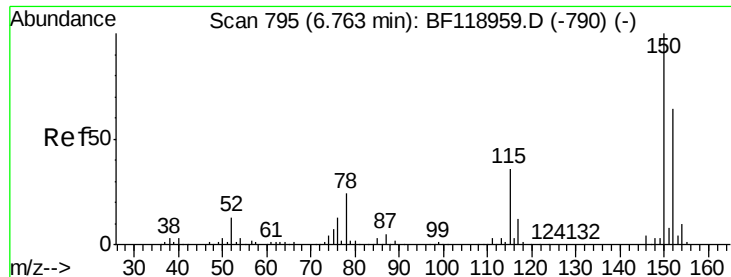
Quant Time: Feb 26 01:31:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	169659	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	633586	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	314682	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	493117	20.00	ng	0.00
76) Chrysene-d12	13.91	240	343119	20.00	ng	0.00
87) Perylene-d12	15.34	264	345906	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	15014	1.48	ng	0.01
7) Phenol-d6	6.40	99	20337	1.65	ng	0.00
23) Nitrobenzene-d5	7.32	82	12664	1.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	5162	1.25	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	30485	1.43	ng	-0.02
79) Terphenyl-d14	12.85	244	30278	1.52	ng	-0.01

Target Compounds				Qvalue		
31) Naphthalene	8.06	128	249435	7.591	ng	99
32) Benzoic acid	7.84	122	137	6.699	ng	# 25
33) 4-Chloroaniline	8.06	127	31669	2.241	ng	# 33
37) 2-Methylnaphthalene	8.75	142	66355	3.001	ng	99
38) 1-Methylnaphthalene	8.85	142	42060	2.022	ng	99
49) Acenaphthylene	9.65	152	502320	16.970	ng	99
51) 2,6-Dinitrotoluene	9.79	165	43095	8.061	ng	# 30
55) Dibenzofuran	9.99	168	110745	4.157	ng	95
56) 4-Nitrophenol	9.99	139	44261	12.430	ng	# 12
58) Fluorene	10.33	166	155172	7.496	ng	100
71) Phenanthrene	11.30	178	1044969	38.858	ng	100
72) Anthracene	11.35	178	423823	15.773	ng	99
73) Carbazole	11.50	167	60714	2.536	ng	98
75) Fluoranthene	12.49	202	1460244	51.155	ng	99
78) Pyrene	12.72	202	1297541	47.094	ng	99
81) Benzo(a)anthracene	13.93	228	714208	30.549	ng	93
83) Chrysene	13.93	228	714208	30.659	ng	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	70419	4.807	ng	# 66
86) Indeno(1,2,3-cd)pyrene	16.74	276	491634	21.796	ng	# 93
88) Benzo(b)fluoranthene	14.93	252	1424775	62.490	ng	99
89) Benzo(k)fluoranthene	14.93	252	1424775	67.431	ng	98
90) Benzo(a)pyrene	15.29	252	816936	39.700	ng	98
91) Dibenzo(a,h)anthracene	16.74	278	137657	7.603	ng	93
92) Benzo(g,h,i)perylene	17.17	276	479784	26.819	ng	98

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

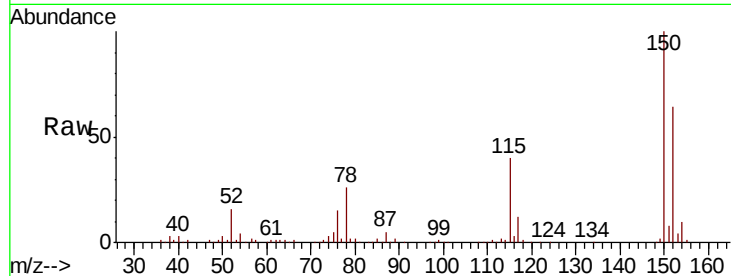


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119084.D
Acq: 26 Feb 2020 00:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.3	186.5
115	62.2	44.6	67.0

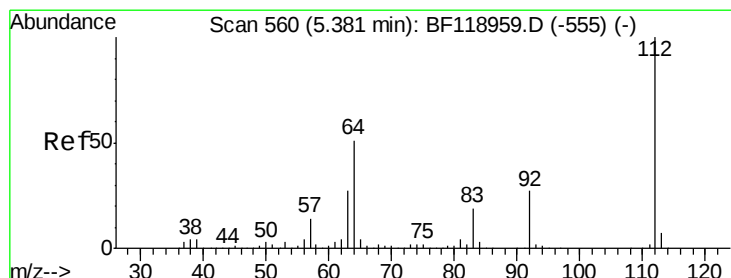
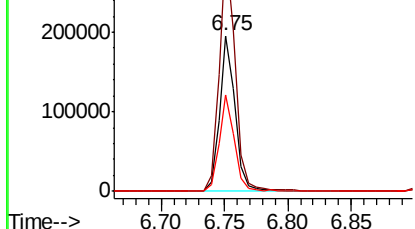
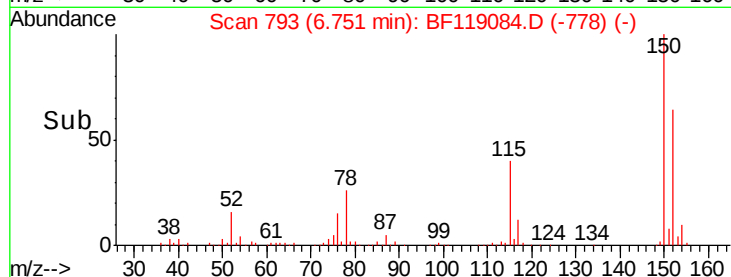


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

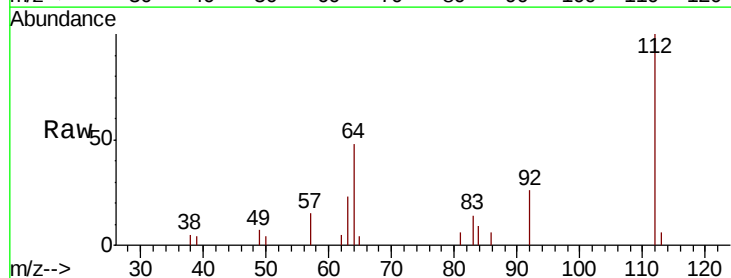
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 1.479 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF119084.D
Acq: 26 Feb 2020 00:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.7	40.4	60.6
63	23.2	21.3	31.9

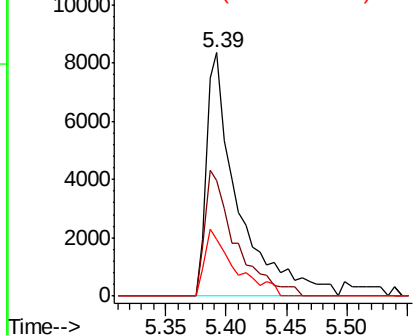
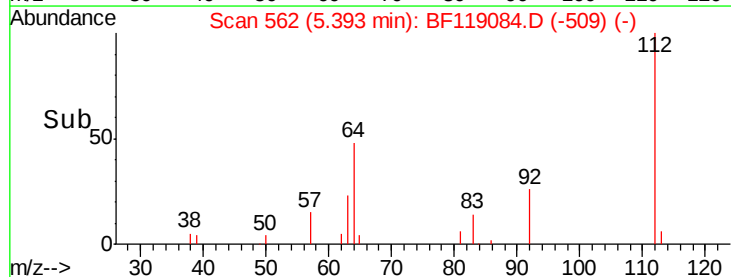


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 1.647 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampleId :

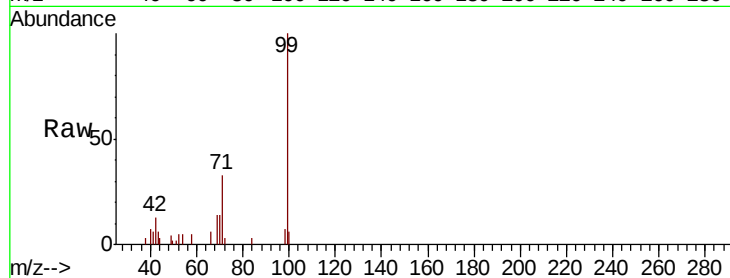
Tot Ion: 99 Resp: 20337

Ion Ratio Lower Upper

99 100

42 13.1 11.4 17.0

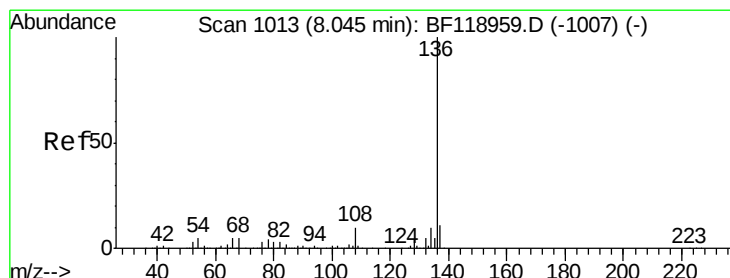
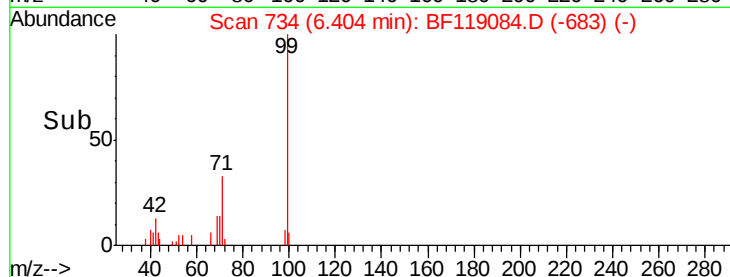
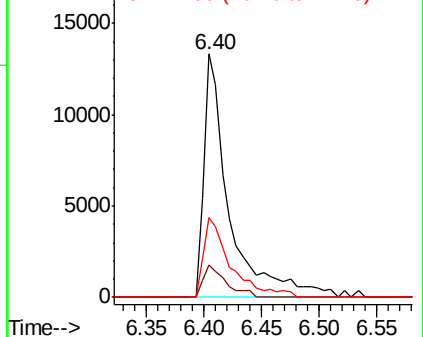
71 33.0 29.8 44.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Tgt Ion: 136 Resp: 633586

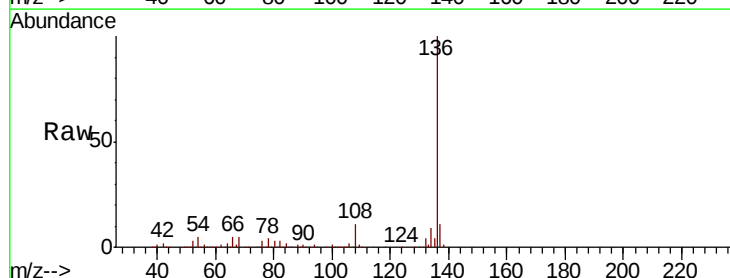
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.2 3.8 5.6

68 5.2 4.2 6.2

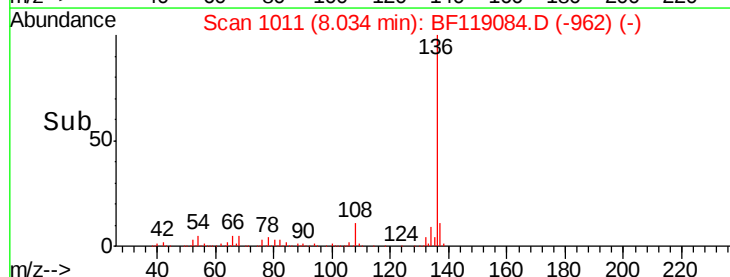
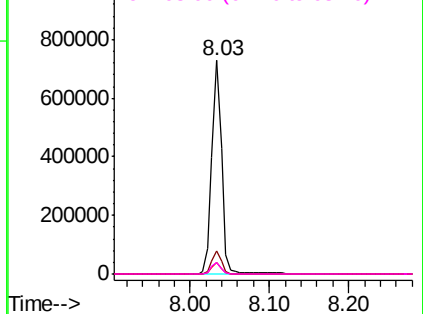


Abundance Ion 136.00 (135.70 to 136.70): E

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

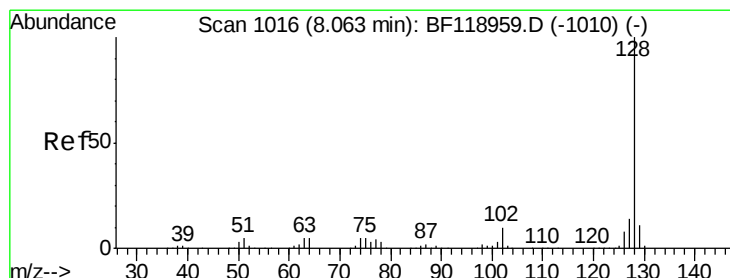
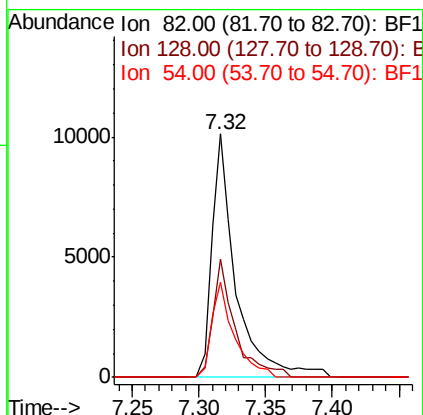
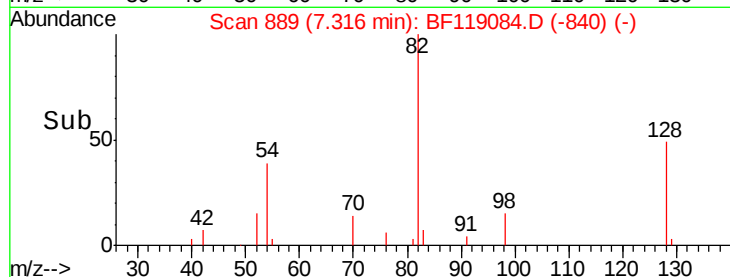
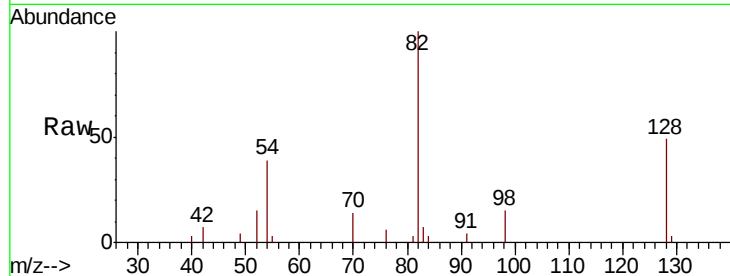




#23
 Nitrobenzene-d5
 Concen: 1.055 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119084.D
 Acq: 26 Feb 2020 00:41

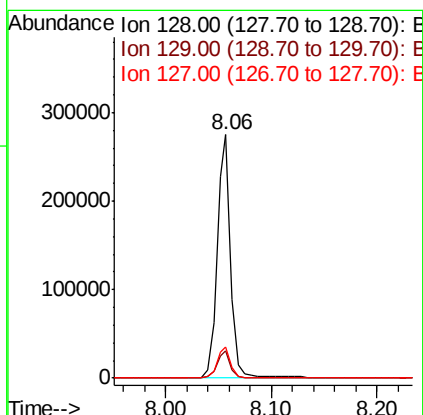
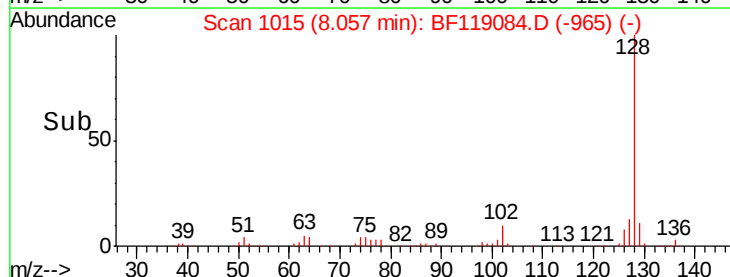
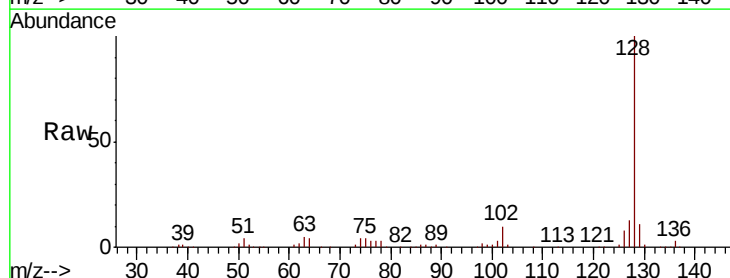
Instrument :
 BNA_F
 ClientSampleId :

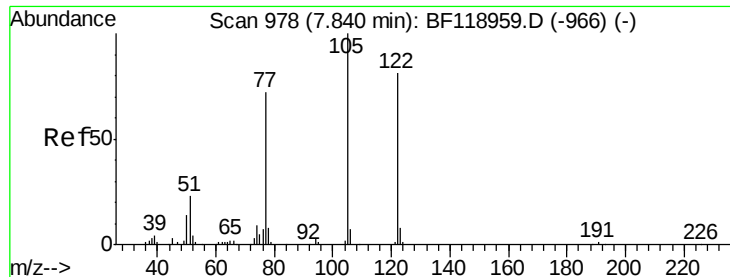
Tot Ion: 82 Resp: 12664
 Ion Ratio Lower Upper
 82 100
 128 48.6 38.2 57.2
 54 39.0 31.3 46.9



#31
 Naphthalene
 Concen: 7.591 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF119084.D
 Acq: 26 Feb 2020 00:41

Tgt Ion: 128 Resp: 249435
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.4
 127 12.9 10.9 16.3





#32

Benzoic acid

Concen: 6.699 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampleId :

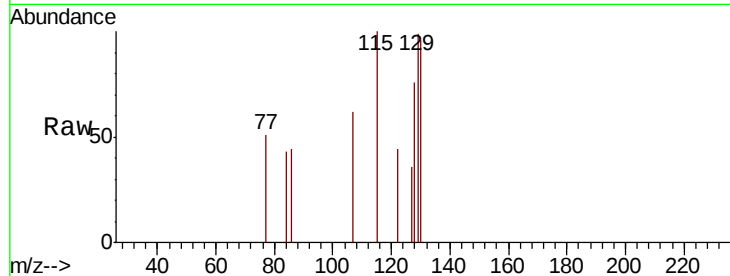
Tot Ion:122 Resp: 137

Ion Ratio Lower Upper

122 100

105 0.0 102.2 142.2#

77 116.0 68.6 108.6#



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

600

500

400

300

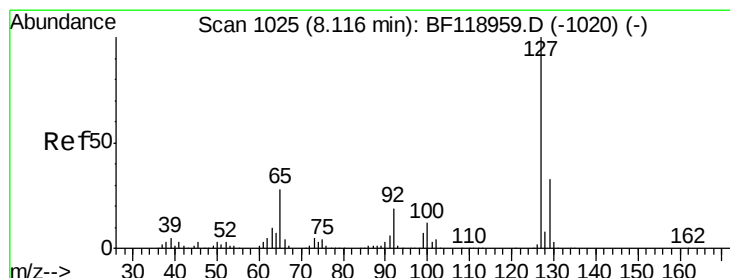
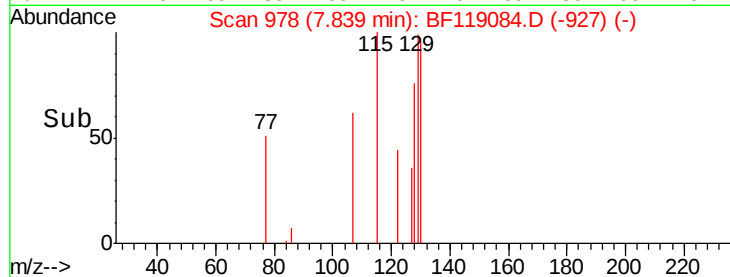
200

100

0

7.82 7.83 7.84 7.85

Time-->



#33

4-Chloroaniline

Concen: 2.241 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.06 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Tgt Ion:127 Resp: 31669

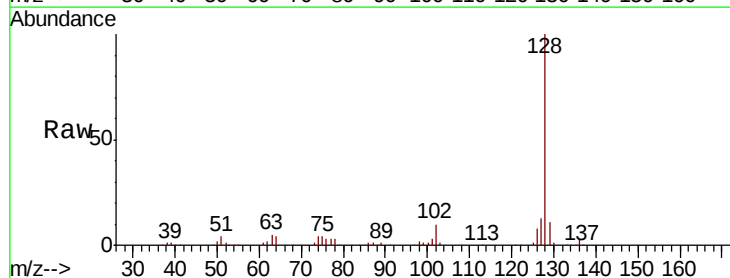
Ion Ratio Lower Upper

127 100

129 85.0 26.2 39.2#

65 0.0 22.0 33.0#

92 0.0 15.5 23.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

50000

40000

30000

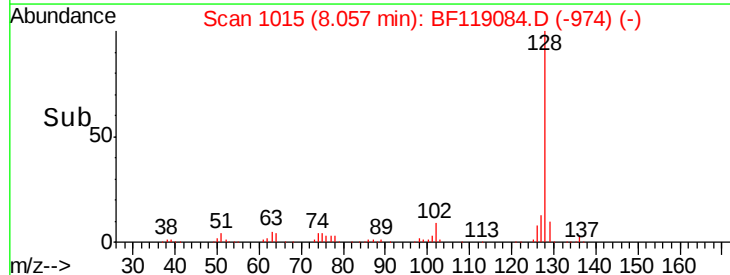
20000

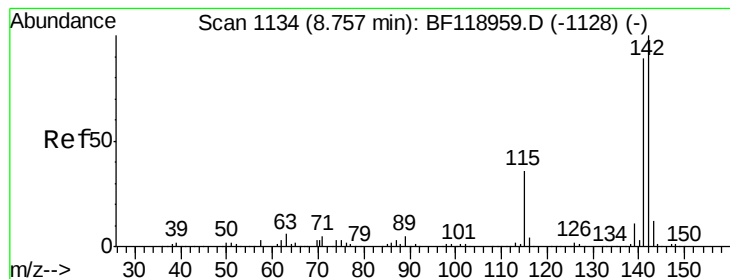
10000

0

8.00 8.05 8.10

Time-->





#37

2-Methylnaphthalene

Concen: 3.001 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampled :

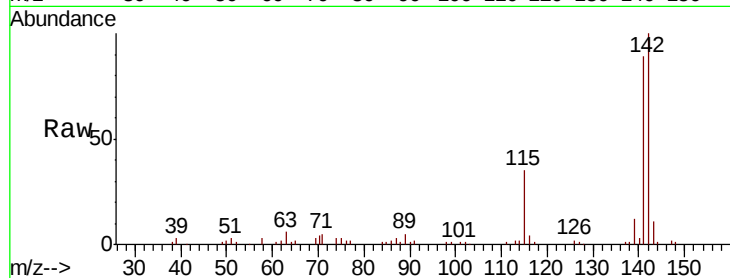
Tot Ion:142 Resp: 66355

Ion Ratio Lower Upper

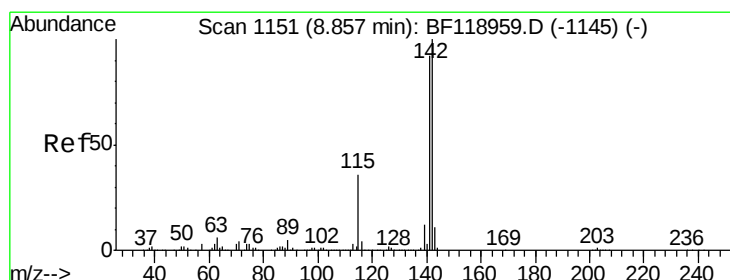
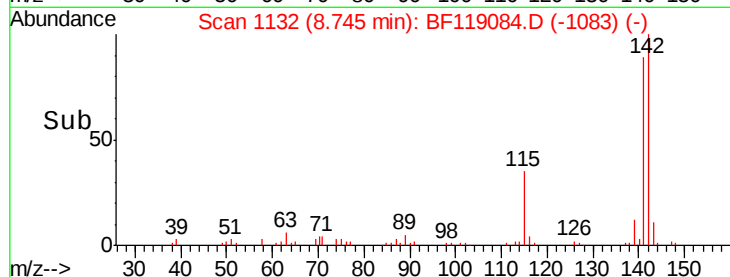
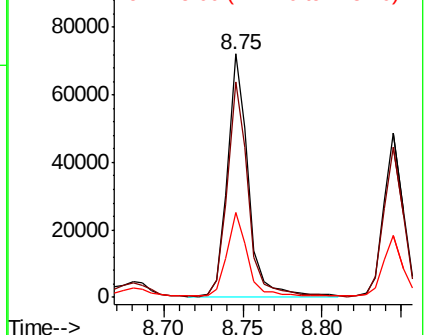
142 100

141 88.7 71.0 106.4

115 34.7 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.022 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

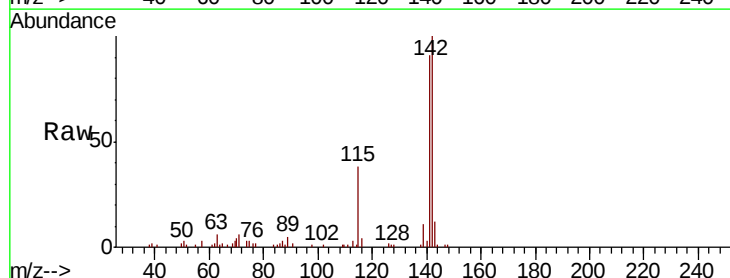
Tgt Ion:142 Resp: 42060

Ion Ratio Lower Upper

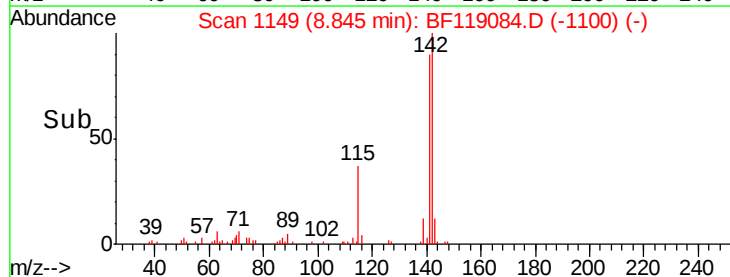
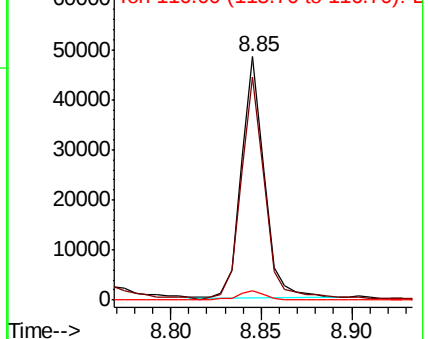
142 100

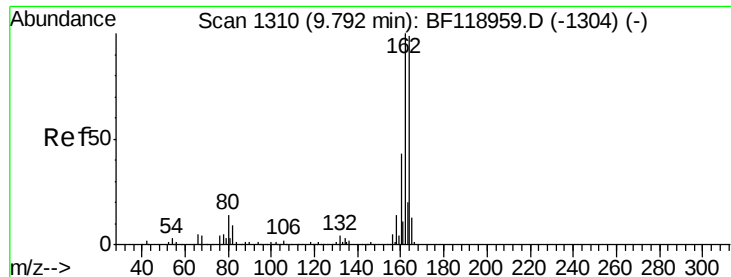
141 91.4 73.7 110.5

116 3.8 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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampleId :

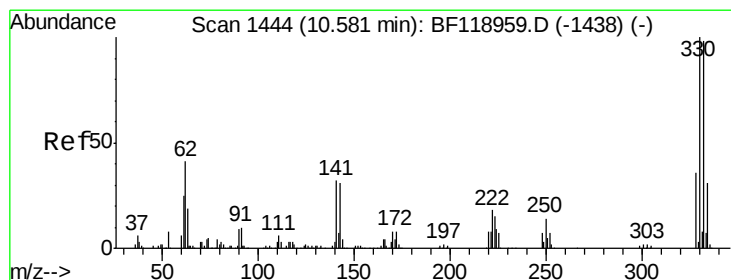
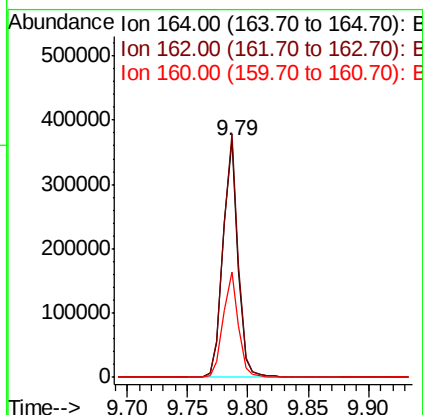
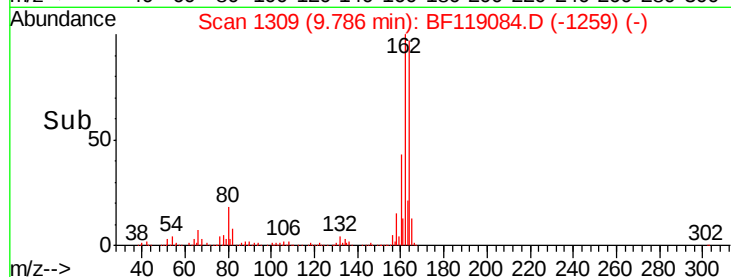
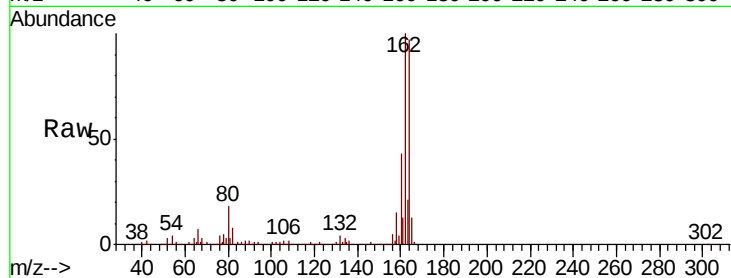
Tot Ion:164 Resp: 314682

Ion Ratio Lower Upper

164 100

162 102.8 81.2 121.8

160 44.5 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 1.254 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

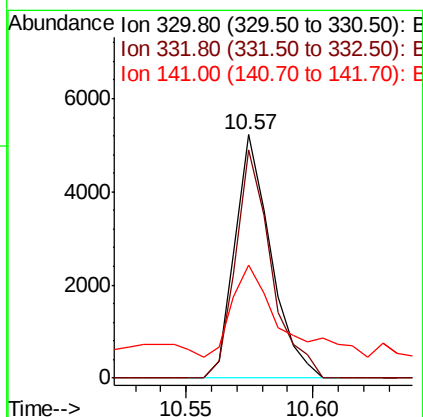
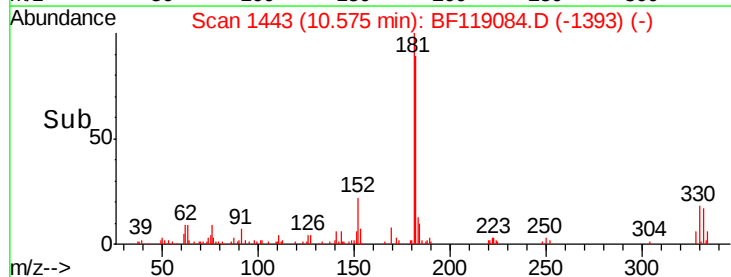
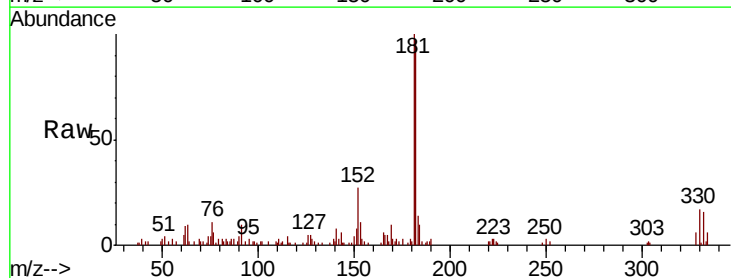
Tgt Ion:330 Resp: 5162

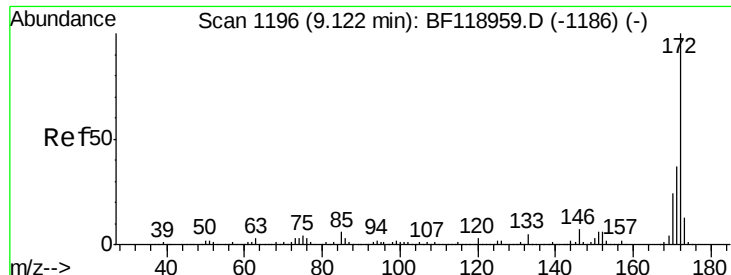
Ion Ratio Lower Upper

330 100

332 93.0 77.1 115.7

141 49.9 23.0 34.6#

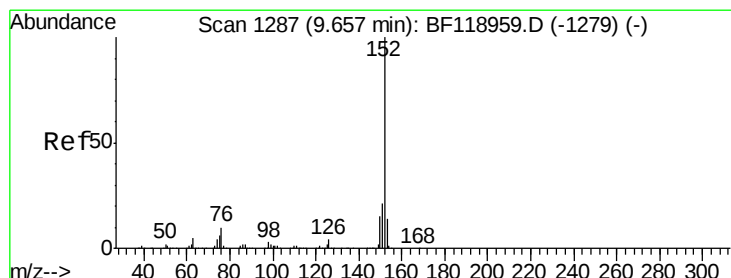
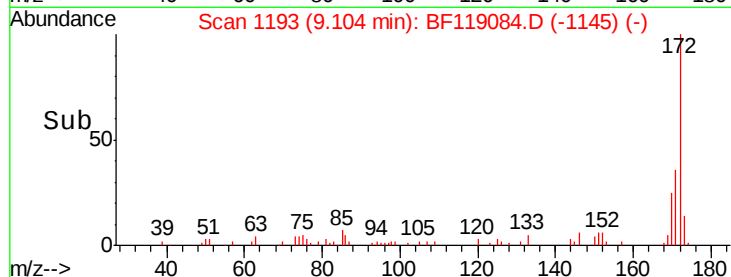
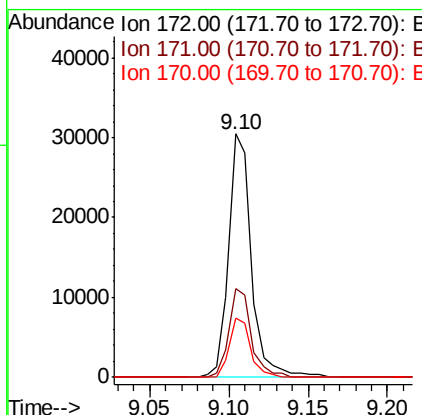
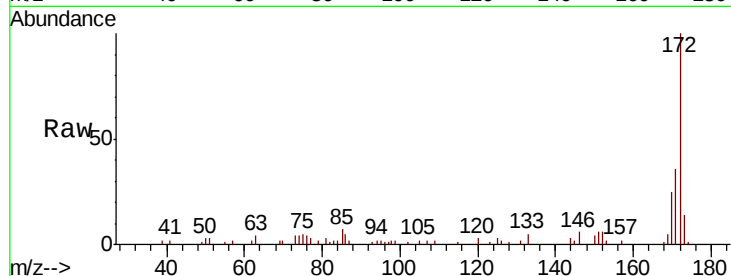




#45
2-Fluorobiphenyl
Concen: 1.427 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF119084.D
Acq: 26 Feb 2020 00:41

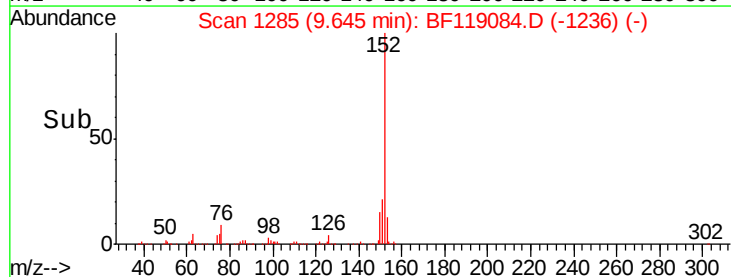
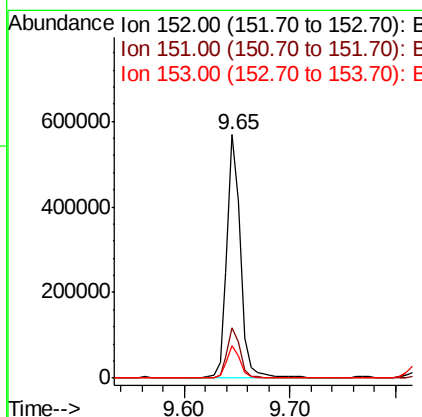
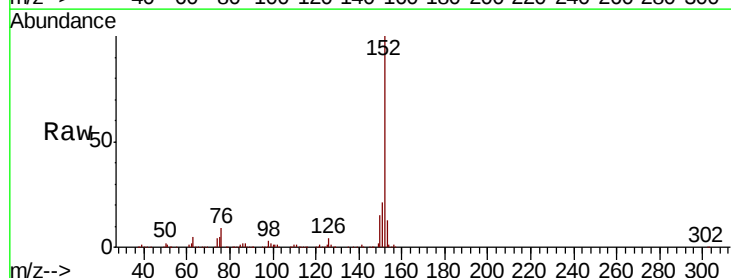
Instrument :
BNA_F
ClientSampleId :

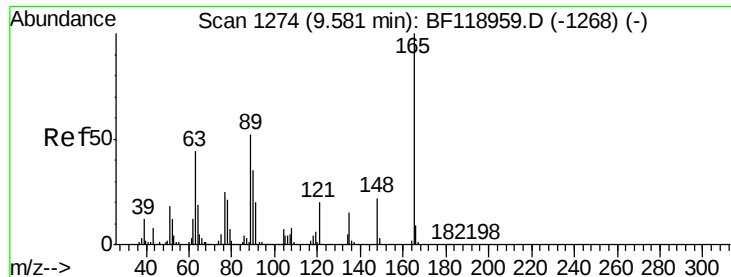
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.6	19.6	29.4



#49
Acenaphthylene
Concen: 16.970 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF119084.D
Acq: 26 Feb 2020 00:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	13.2	10.9	16.3

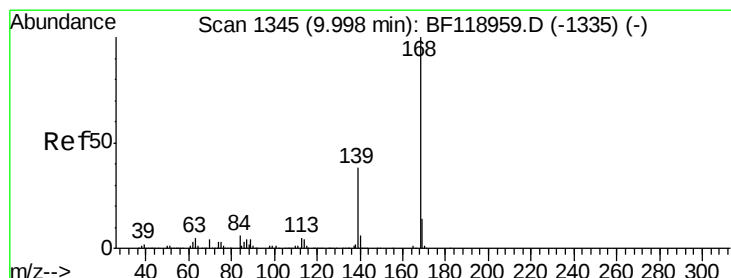
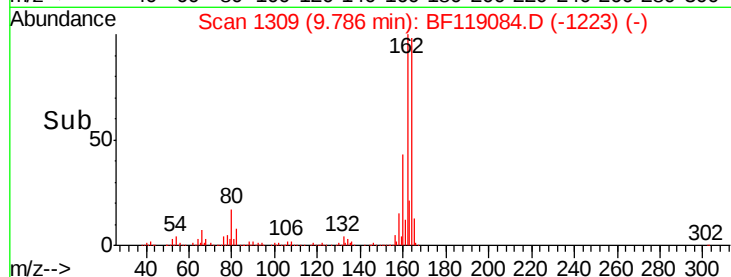
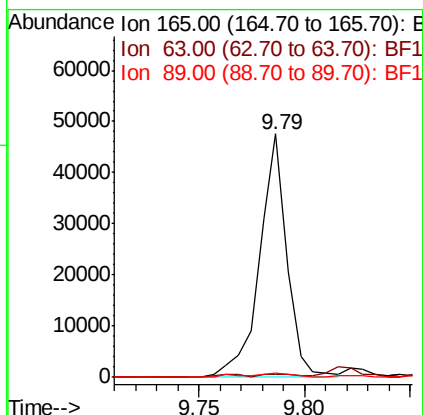
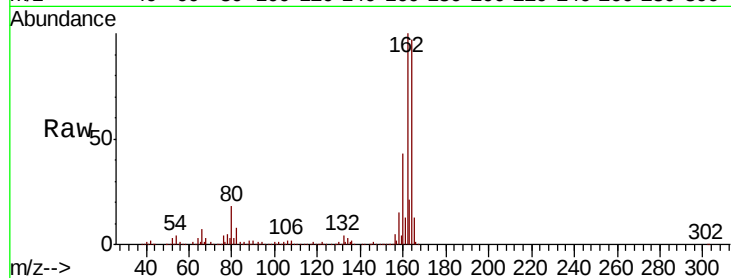




#51
 2,6-Dinitrotoluene
 Concen: 8.061 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.21 min
 Lab File: BF119084.D
 Acq: 26 Feb 2020 00:41

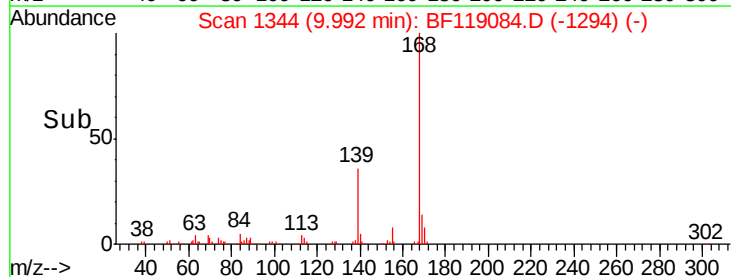
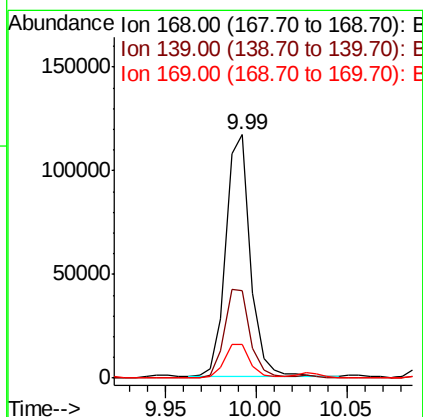
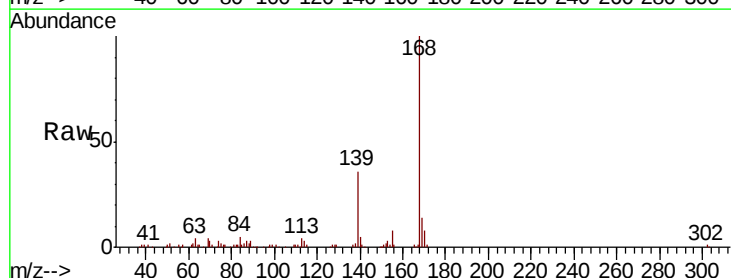
Instrument :
 BNA_F
 ClientSampleId :

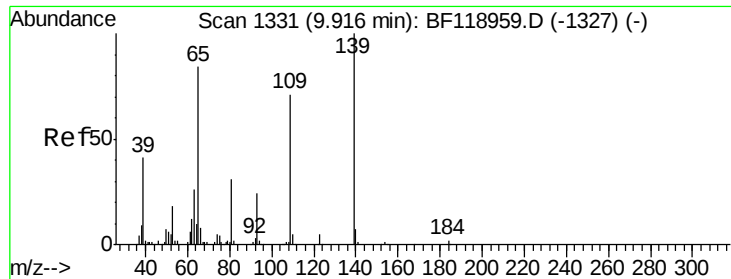
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	37.9	56.9#
89	1.8	41.4	62.0#



#55
 Dibenzofuran
 Concen: 4.157 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF119084.D
 Acq: 26 Feb 2020 00:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	31.7	47.5
169	13.7	11.0	16.4

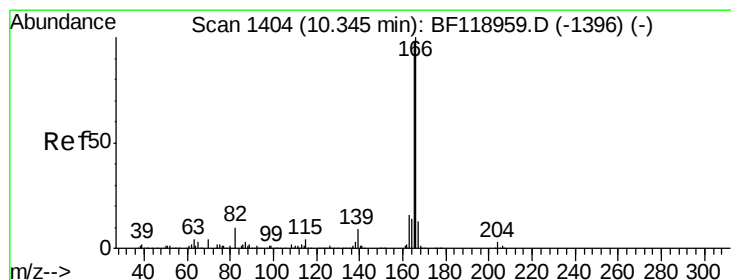
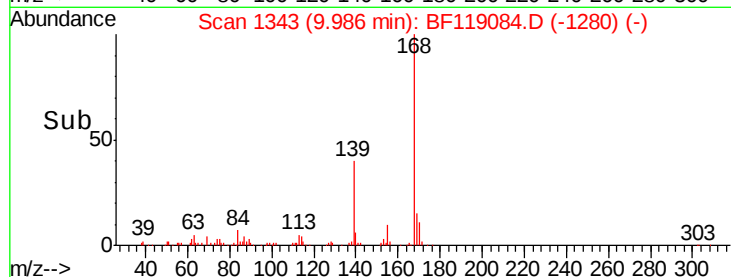
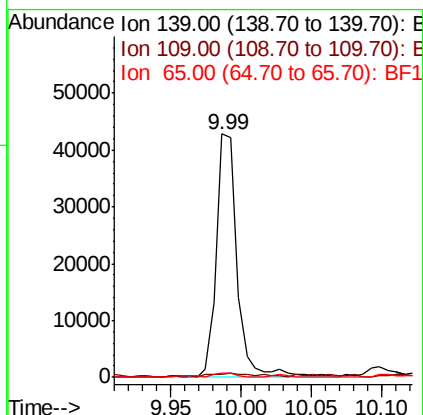
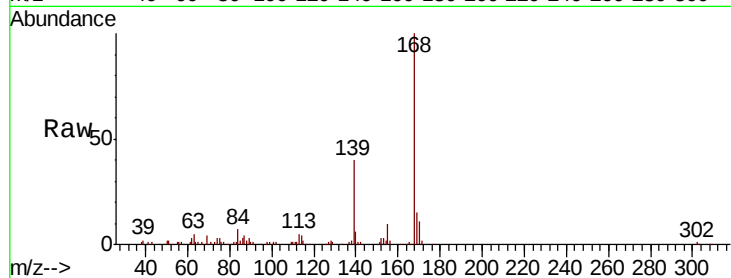




#56
4-Nitrophenol
Concen: 12.430 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.07 min
Lab File: BF119084.D
Acq: 26 Feb 2020 00:41

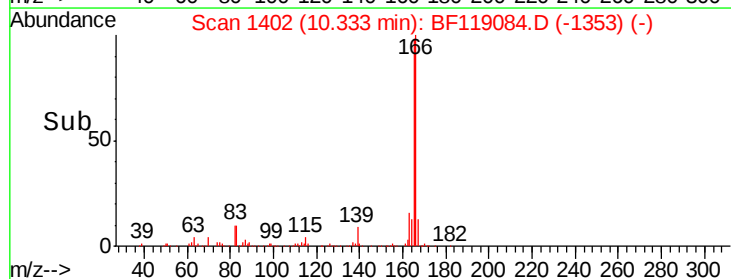
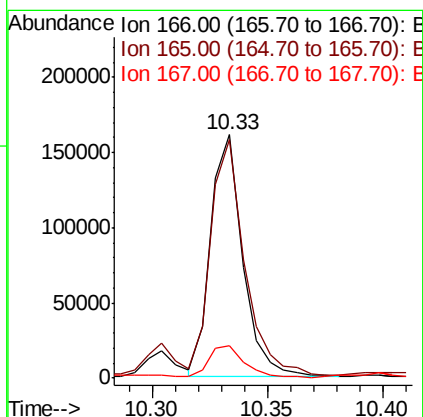
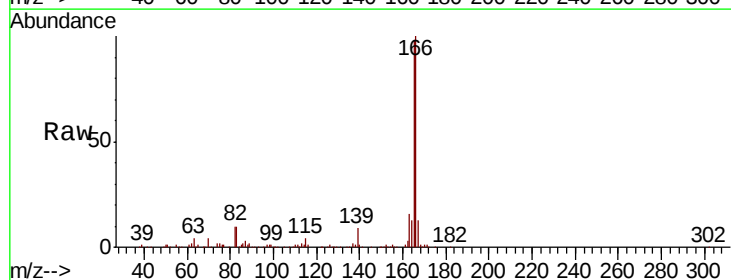
Instrument :
BNA_F
ClientSampled :

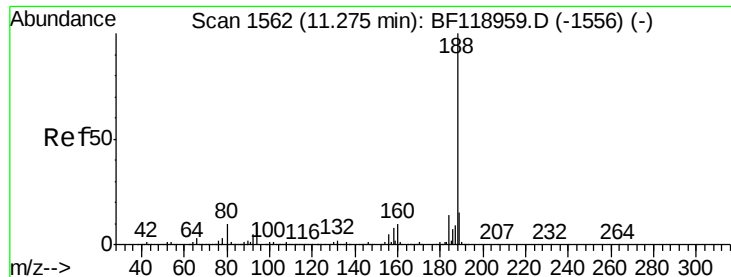
Tot Ion:139 Resp: 44261
Ion Ratio Lower Upper
139 100
109 1.5 51.1 91.1#
65 2.0 64.7 104.7#



#58
Fluorene
Concen: 7.496 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF119084.D
Acq: 26 Feb 2020 00:41

Tgt Ion:166 Resp: 155172
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.5 10.6 16.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119084.D

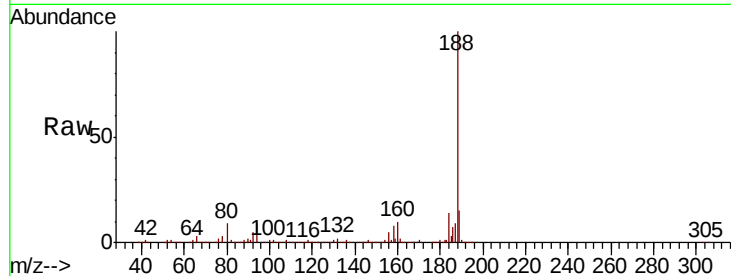
Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampleId :

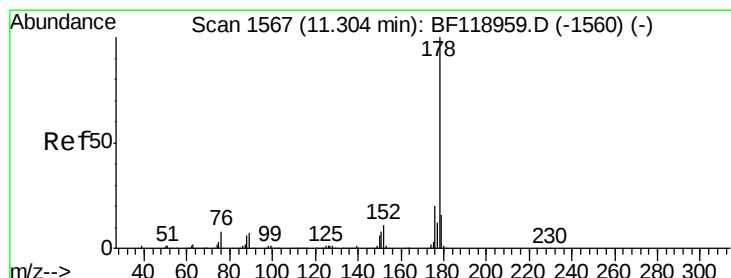
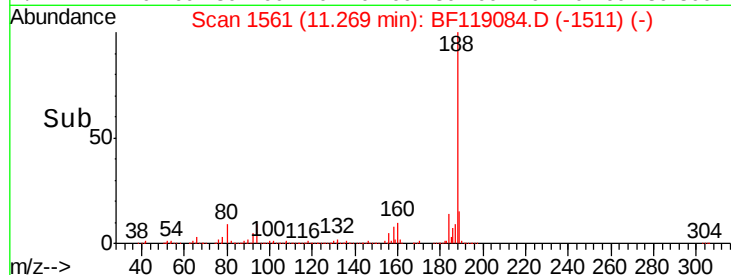
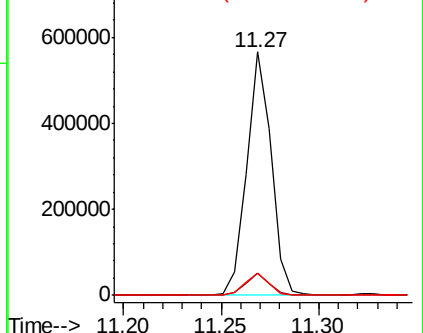
Tot Ion:188	Resp:	493117
Ion	Ratio	Lower Upper
188	100	
94	8.9	7.0 10.6
80	9.2	7.9 11.9



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



#71

Phenanthrene

Concen: 38.858 ng

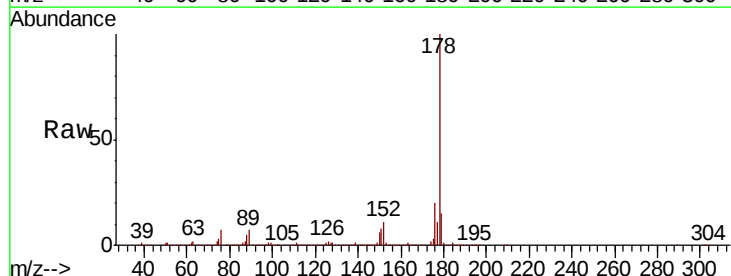
RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

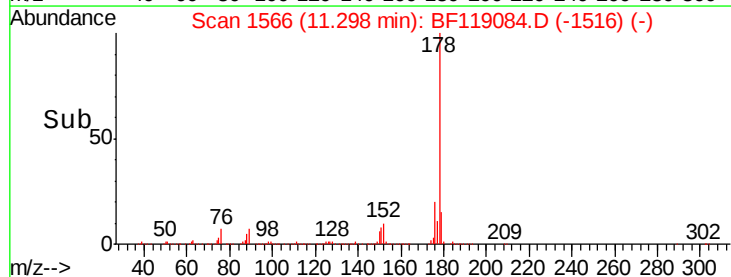
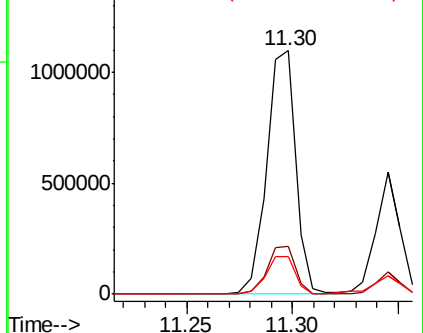
Tgt Ion:178	Resp:	1044969
Ion	Ratio	Lower Upper
178	100	
176	19.6	15.6 23.4
179	15.4	12.6 18.8

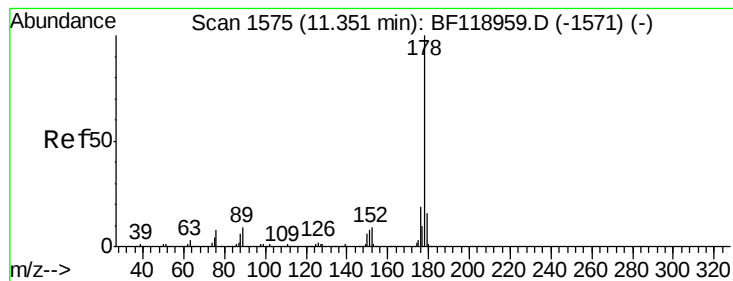


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 15.773 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampled :

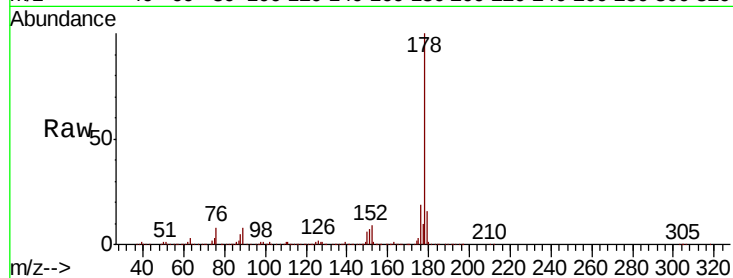
Tot Ion:178 Resp: 423823

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.5 12.8 19.2

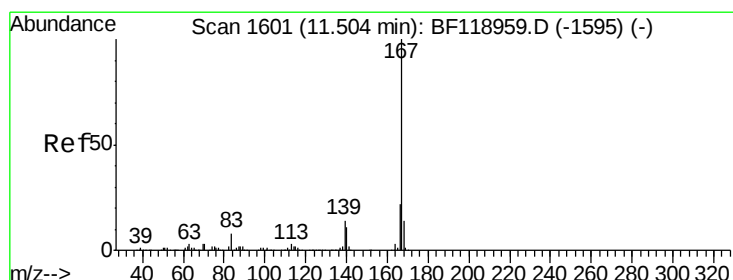
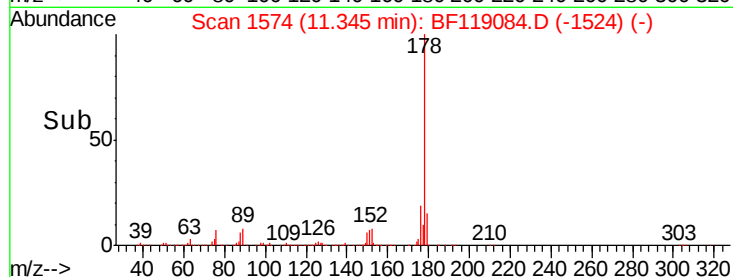
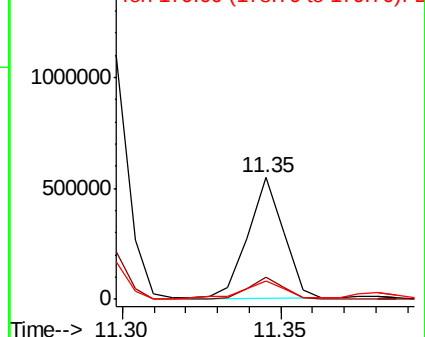


Abundance

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



#73

Carbazole

Concen: 2.536 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

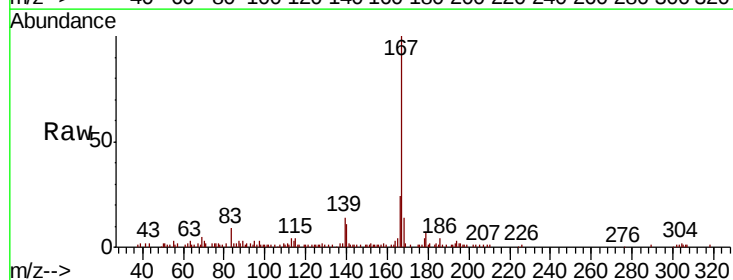
Tgt Ion:167 Resp: 60714

Ion Ratio Lower Upper

167 100

166 23.5 17.8 26.6

139 13.6 11.2 16.8

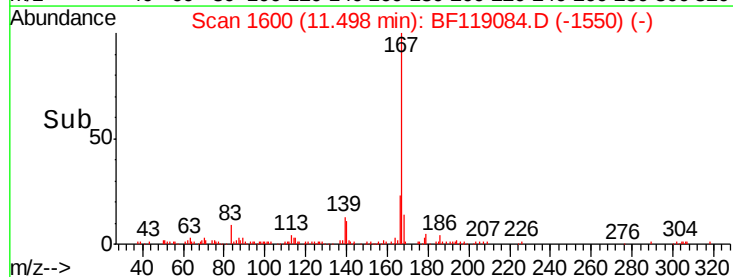
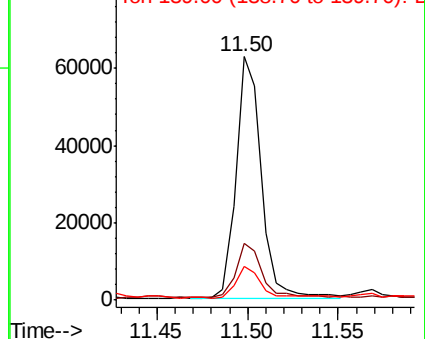


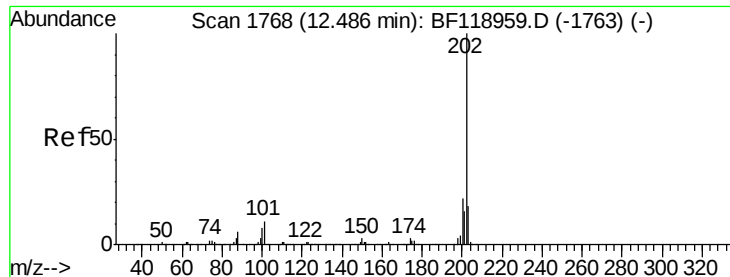
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 51.155 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampleId :

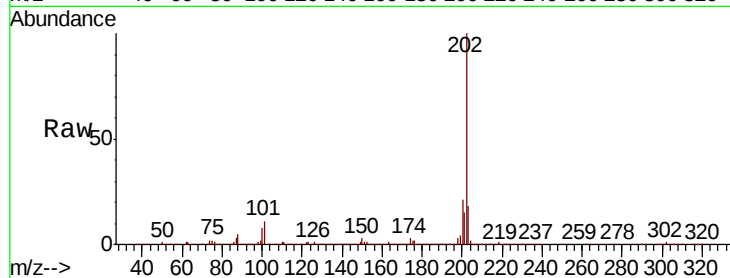
Tot Ion:202 Resp: 1460244

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.1

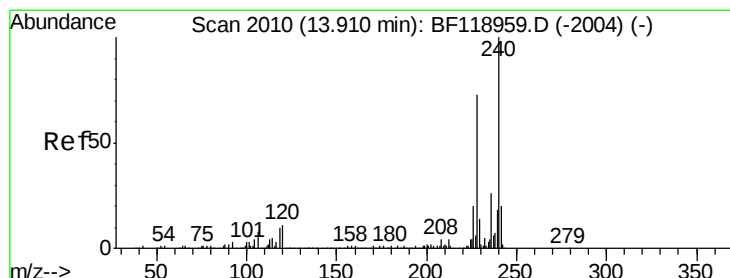
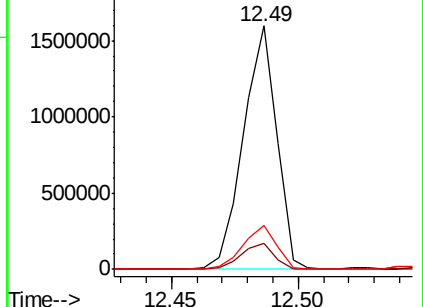
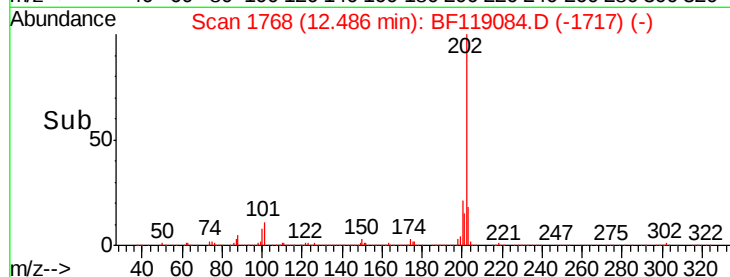
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

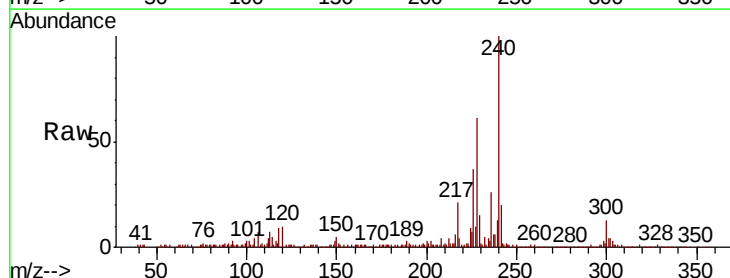
Tgt Ion:240 Resp: 343119

Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

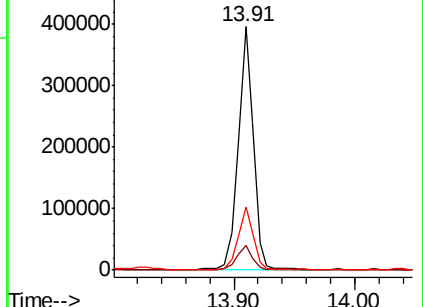
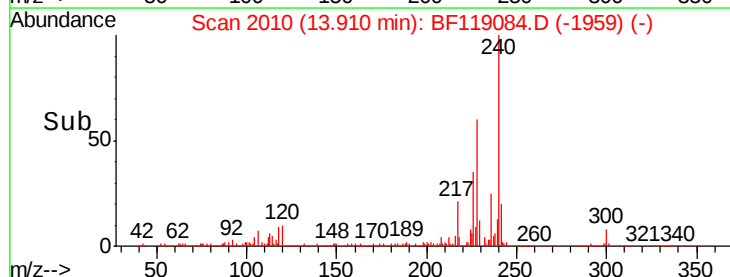
236 25.9 20.6 30.8

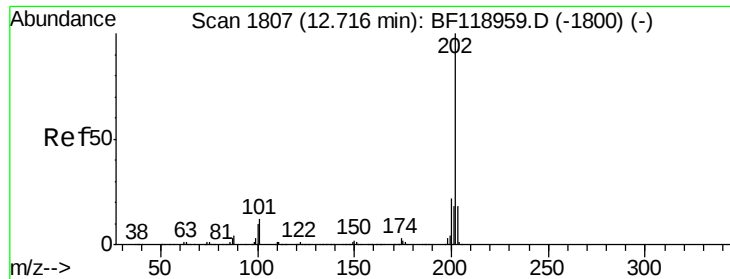


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

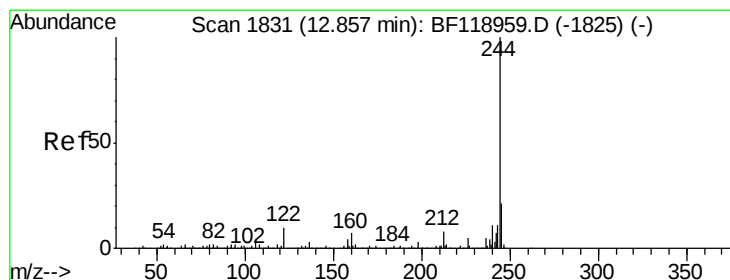
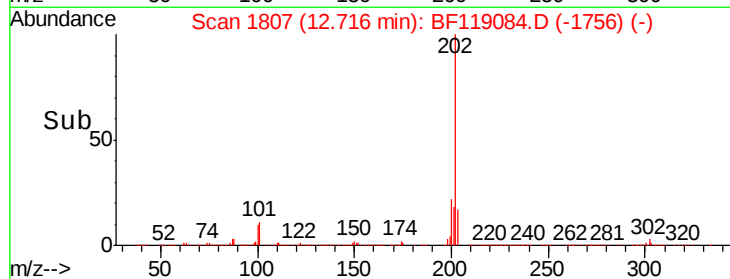
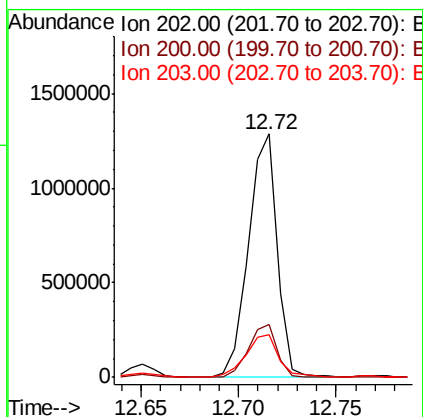
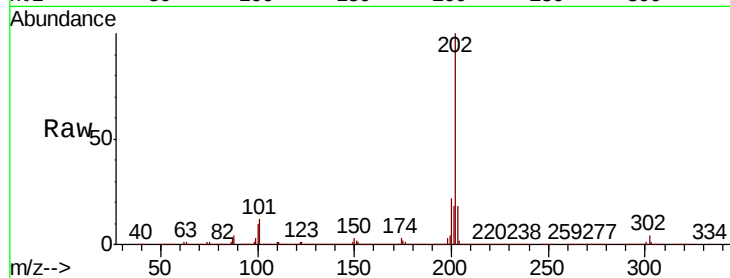




#78
Pvrene
Concen: 47.094 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF119084.D
Acq: 26 Feb 2020 00:41

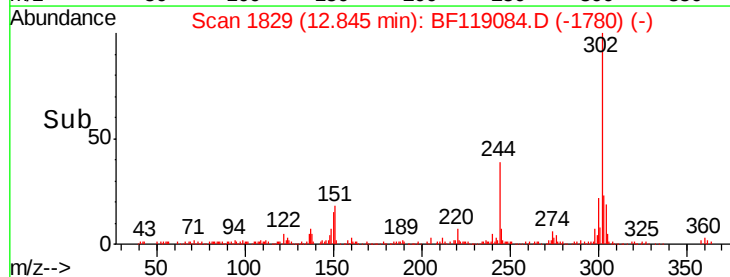
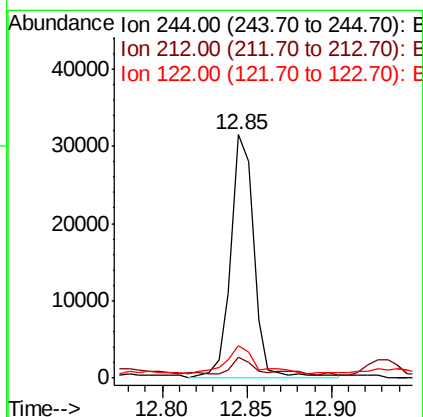
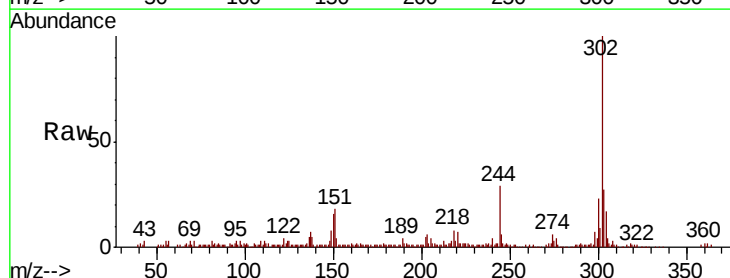
Instrument :
BNA_F
ClientSampleId :

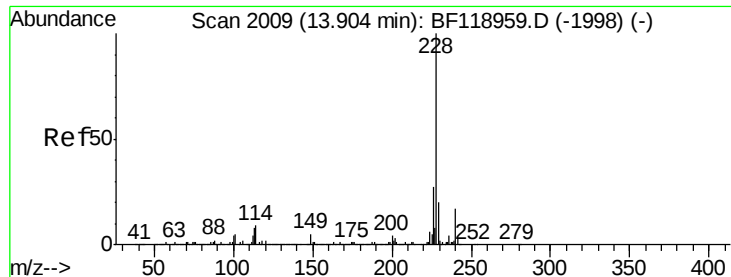
Tot Ion:202 Resp: 1297541
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.0
203 17.7 14.5 21.7



#79
Terphenyl-d14
Concen: 1.519 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF119084.D
Acq: 26 Feb 2020 00:41

Tgt Ion:244 Resp: 30278
Ion Ratio Lower Upper
244 100
212 8.8 6.3 9.5
122 13.3 8.4 12.6#





#81

Benzo(a)anthracene

Concen: 30.549 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.03 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampleId :

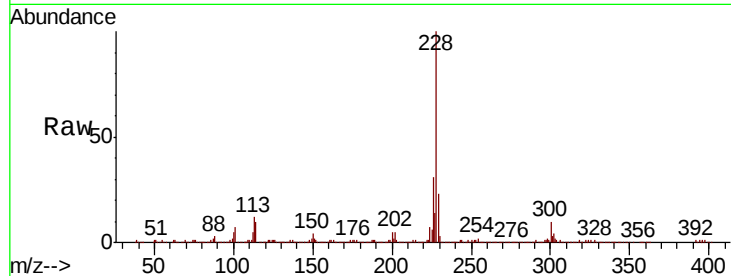
Tot Ion:228 Resp: 714208

Ion Ratio Lower Upper

228 100

226 31.0 21.8 32.8

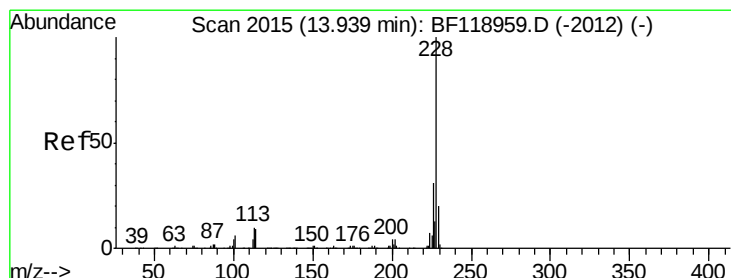
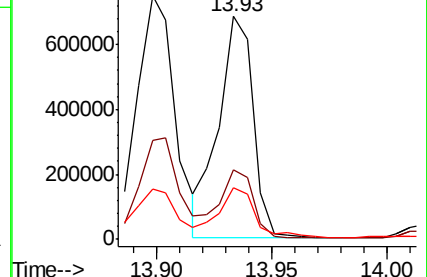
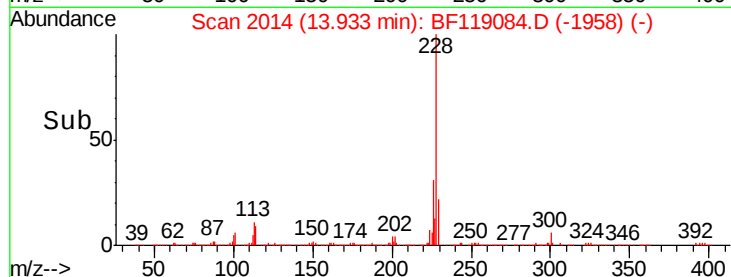
229 23.1 16.0 24.0



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: 30.659 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

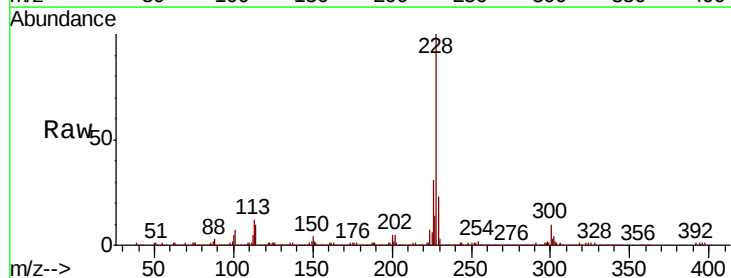
Tgt Ion:228 Resp: 714208

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

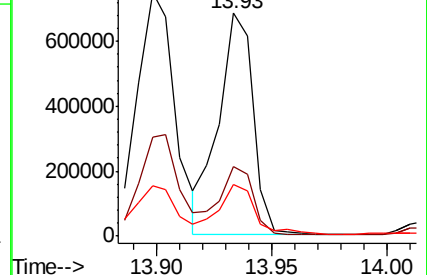
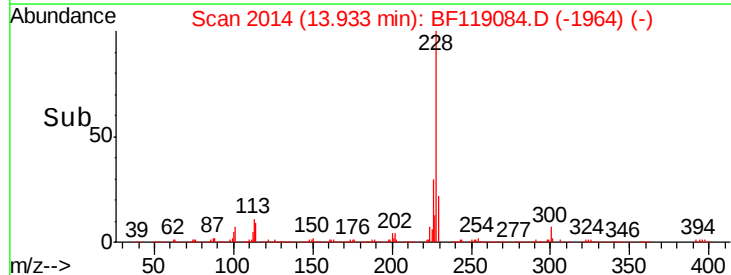
229 23.1 16.2 24.2

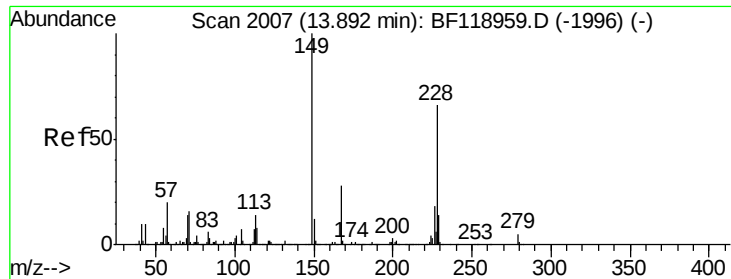


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.807 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.04 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampleId :

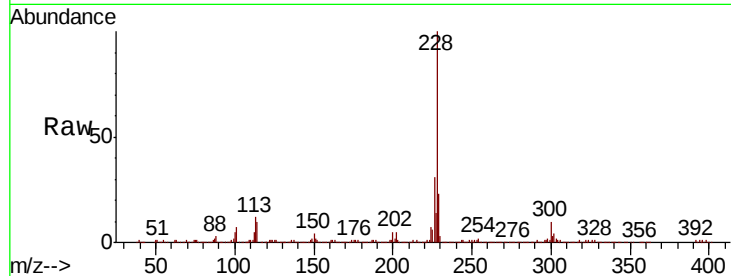
Tot Ion:149 Resp: 70419

Ion Ratio Lower Upper

149 100

167 7.1 22.3 33.5#

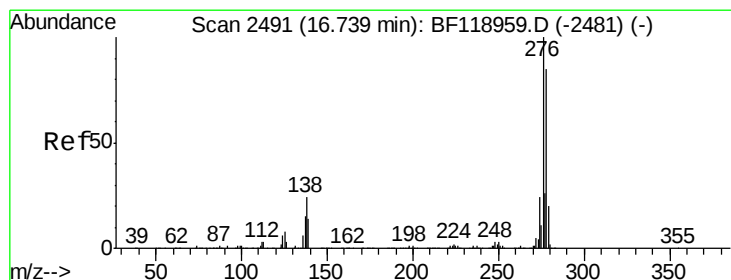
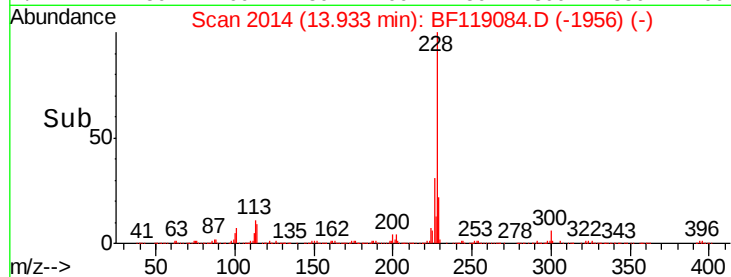
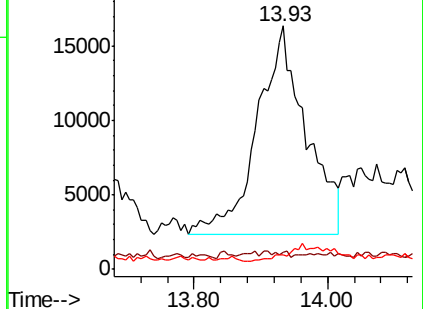
279 5.7 4.2 6.4



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 21.796 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

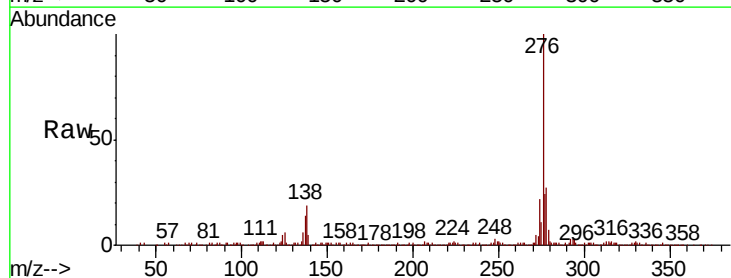
Tgt Ion:276 Resp: 491634

Ion Ratio Lower Upper

276 100

138 18.2 18.7 28.1#

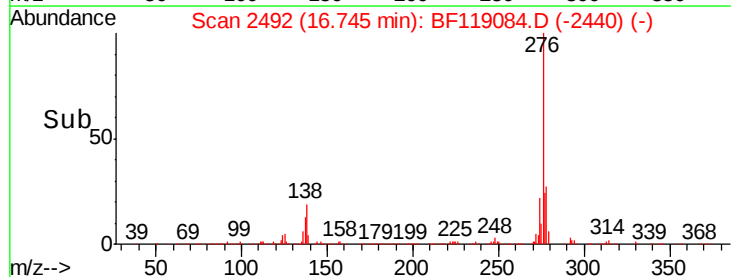
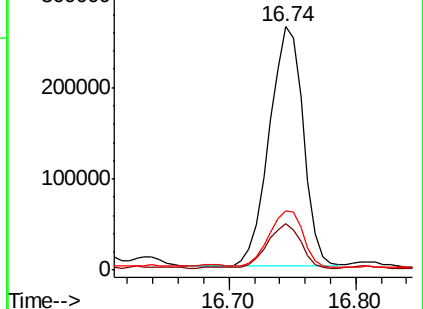
277 24.0 20.3 30.5

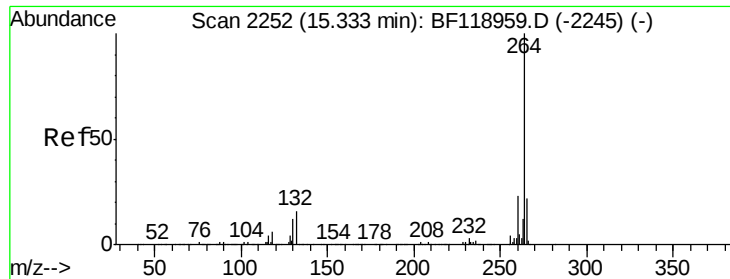


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampleId :

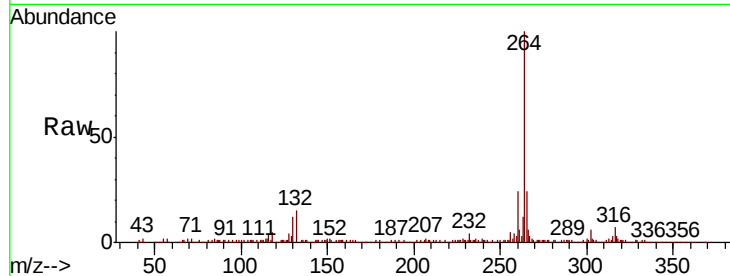
Tot Ion:264 Resp: 345906

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 23.8 17.3 25.9

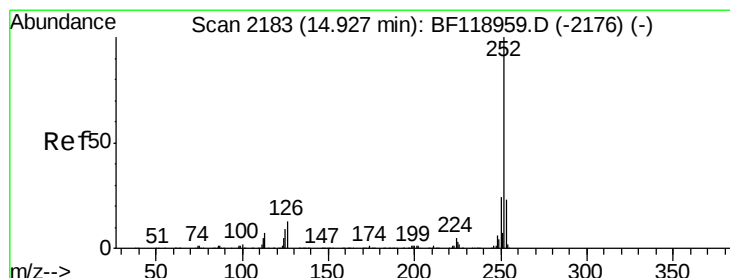
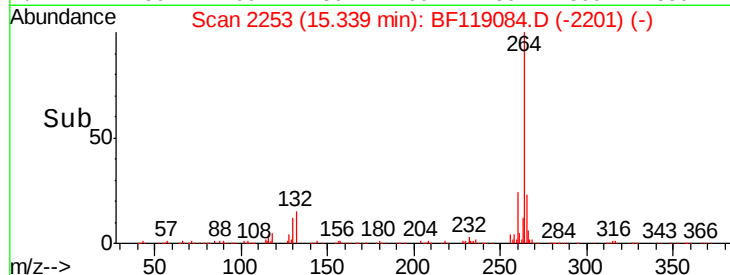
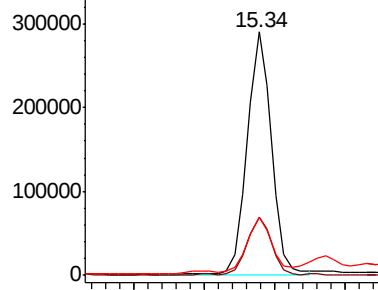


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 62.490 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

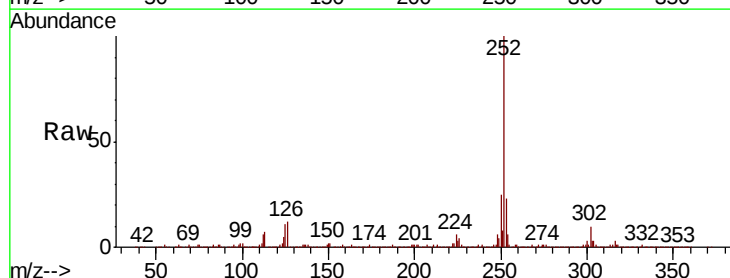
Tgt Ion:252 Resp: 1424775

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 10.6 7.4 11.0

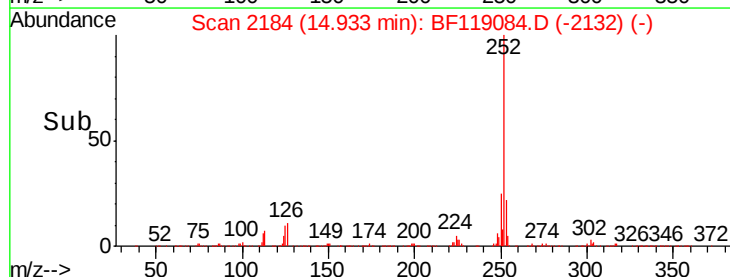
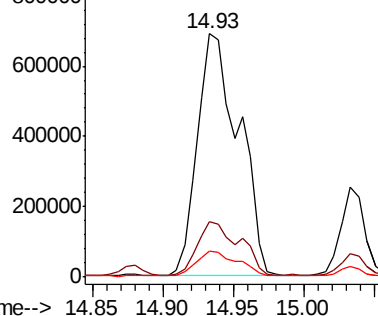


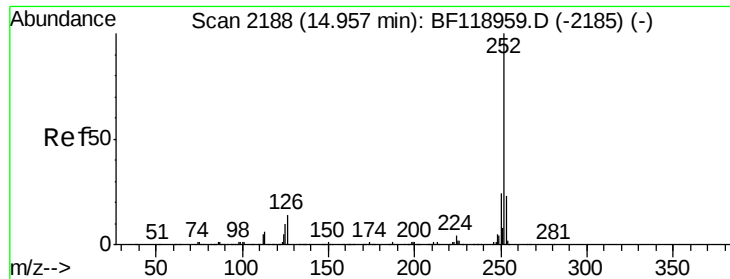
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

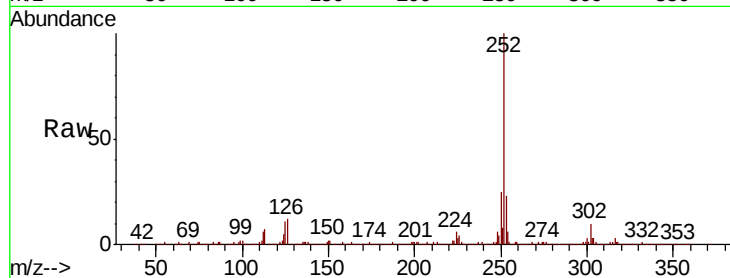




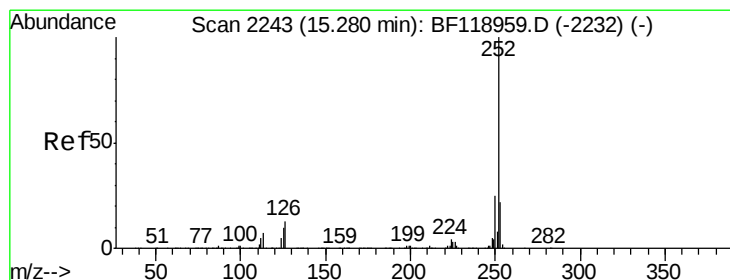
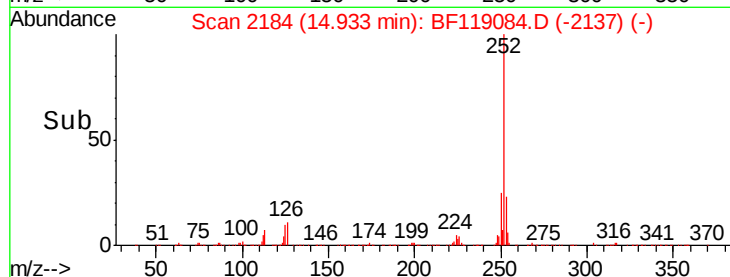
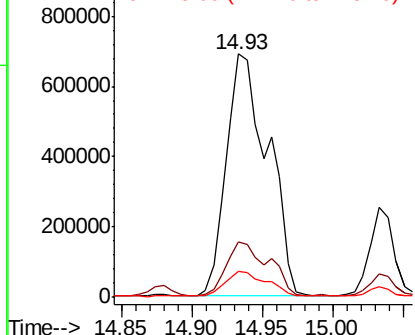
#89
Benzo(k)fluoranthene
Concen: 67.431 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119084.D
Acq: 26 Feb 2020 00:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1424775
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 10.6 7.3 10.9

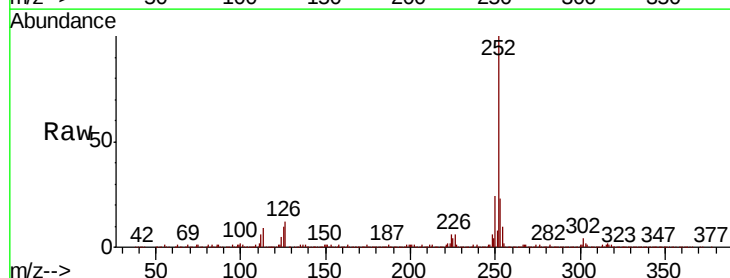


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

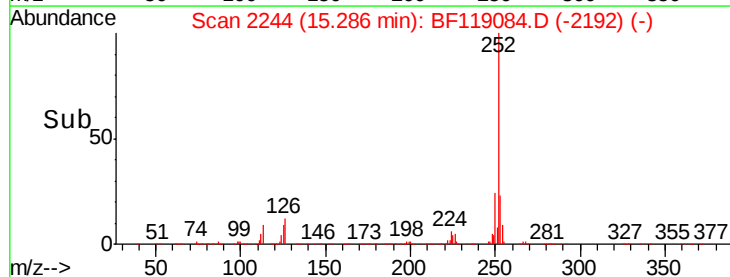
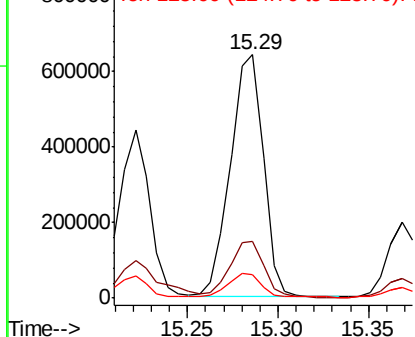


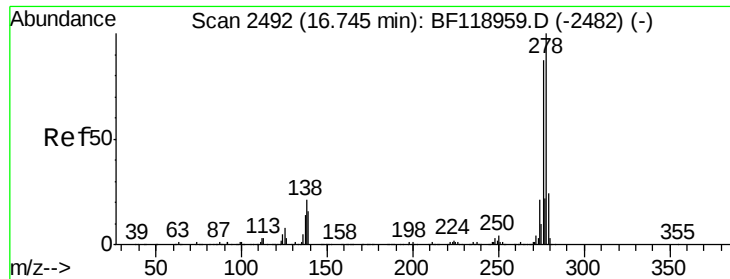
#90
Benzo(a)pyrene
Concen: 39.700 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF119084.D
Acq: 26 Feb 2020 00:41

Tgt Ion:252 Resp: 816936
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 9.7 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 7.603 ng

RT: 16.74 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

Instrument :

BNA_F

ClientSampled :

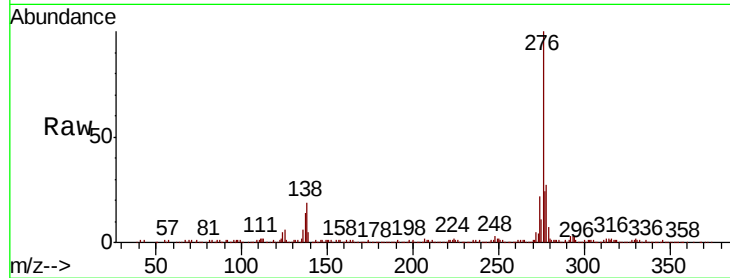
Tot Ion:278 Resp: 137657

Ion Ratio Lower Upper

278 100

139 18.0 12.6 18.8

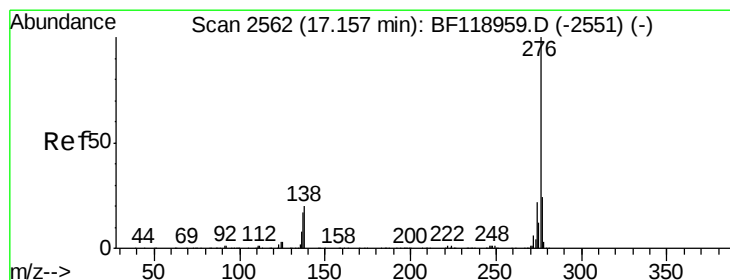
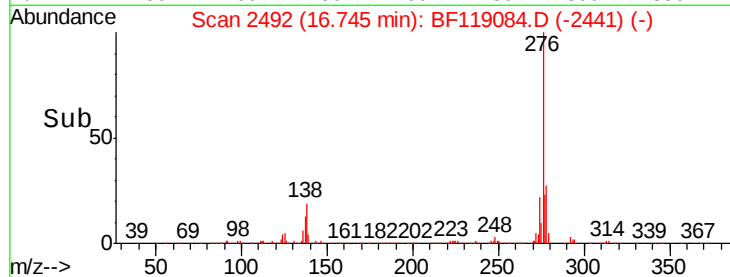
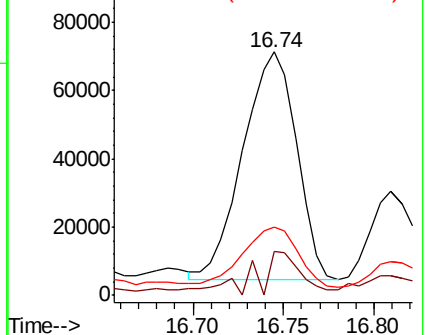
279 27.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 26.819 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.02 min

Lab File: BF119084.D

Acq: 26 Feb 2020 00:41

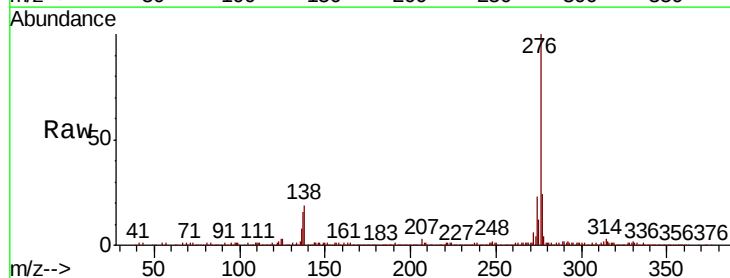
Tgt Ion:276 Resp: 479784

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 18.7 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

