

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118074.D
 Acq On : 3 Dec 2019 20:48
 Operator : JU
 Sample : K6024-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 00:36:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	137959	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	538735	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	281128	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	499121	20.00	ng	0.00
76) Chrysene-d12	14.09	240	298872	20.00	ng	0.01
87) Perylene-d12	15.57	264	359308	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	793074	101.76	ng	0.00
7) Phenol-d6	6.50	99	1011715	107.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	608697	67.17	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	306768	103.07	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1029559	65.70	ng	0.00
79) Terphenyl-d14	13.01	244	957040	58.52	ng	0.00

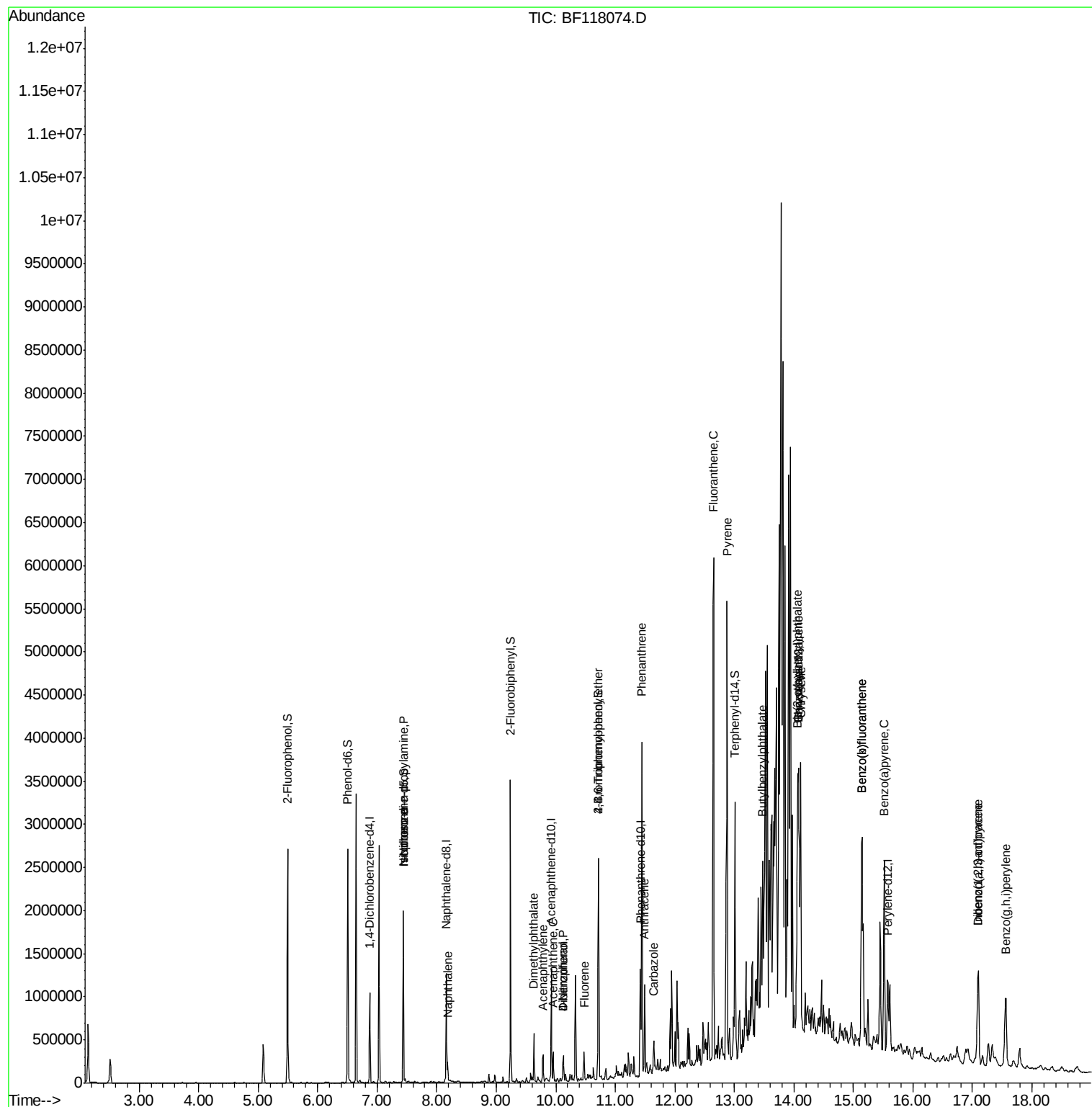
Target Compounds				Qvalue		
9) Benzaldehyde	6.43	77	937	Below Cal		87
19) n-Nitroso-di-n-propylamine	7.44	70	82010	14.141 ng	#	73
25) Isophorone	7.44	82	608689	36.645 ng	#	63
31) Naphthalene	8.18	128	97335	3.876 ng		99
49) Acenaphthylene	9.79	152	126486	5.056 ng		96
50) Dimethylphthalate	9.63	163	190449	9.661 ng		99
52) Acenaphthene	9.96	154	64511	4.026 ng		99
55) Dibenzofuran	10.13	168	68592	3.091 ng	#	97
56) 4-Nitrophenol	10.13	139	27485	7.142 ng	#	11
58) Fluorene	10.47	166	84928	4.939 ng		95
67) 4-Bromophenyl-phenylether	10.72	248	18850	3.500 ng	#	1
71) Phenanthrene	11.45	178	1513809	60.325 ng		98
72) Anthracene	11.49	178	402273	16.168 ng		99
73) Carbazole	11.64	167	131504	6.048 ng		99
75) Fluoranthene	12.65	202	2650028	130.217 ng		99
78) Pyrene	12.88	202	2384688	98.731 ng		98
80) Butylbenzylphthalate	13.47	149	449213	43.302 ng	#	27
81) Benzo(a)anthracene	14.08	228	1343128	68.007 ng		98
83) Chrysene	14.12	228	1193538	62.366 ng		97
84) Bis(2-ethylhexyl)phthalate	14.06	149	1488247	118.332 ng	#	59
86) Indeno(1,2,3-cd)pyrene	17.10	276	782043	48.013 ng		95
88) Benzo(b)fluoranthene	15.14	252	2074586	88.869 ng		99
89) Benzo(k)fluoranthene	15.14	252	2074586	94.318 ng		98
90) Benzo(a)pyrene	15.52	252	1144150	55.737 ng		96
91) Dibenzo(a,h)anthracene	17.10	278	202050	11.436 ng		92
92) Benzo(g,h,i)perylene	17.56	276	705621	40.096 ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118074.D
Acq On : 3 Dec 2019 20:48
Operator : JU
Sample : K6024-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 04 00:36:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration



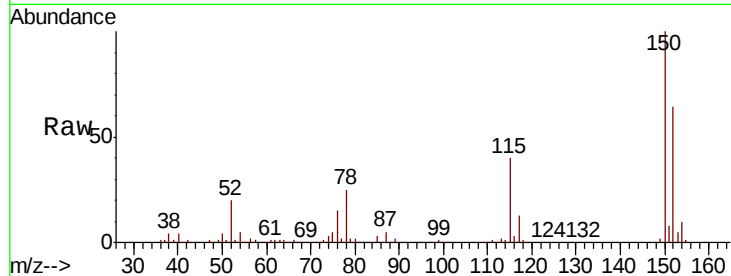


#1

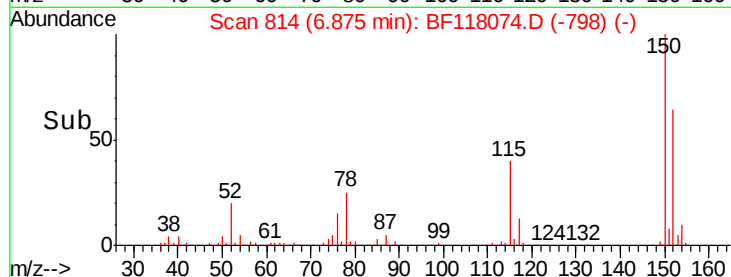
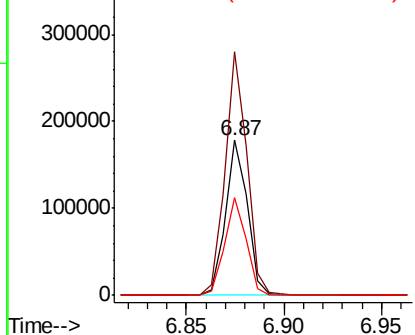
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118074.D
 Acq: 3 Dec 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	121.4	182.2
115	63.0	48.8	73.2



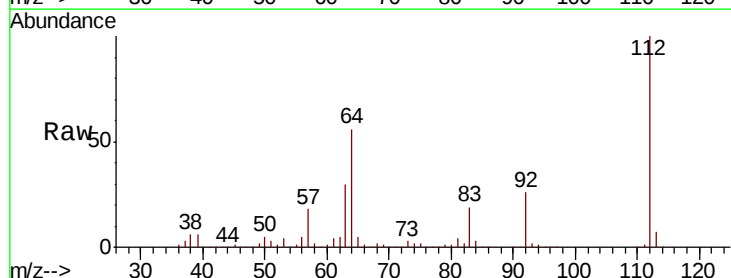
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



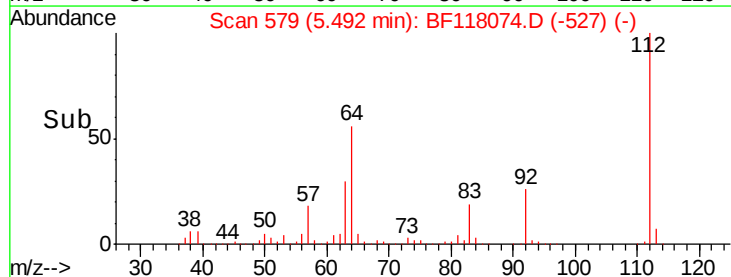
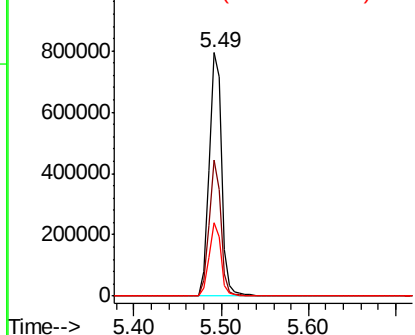
#5

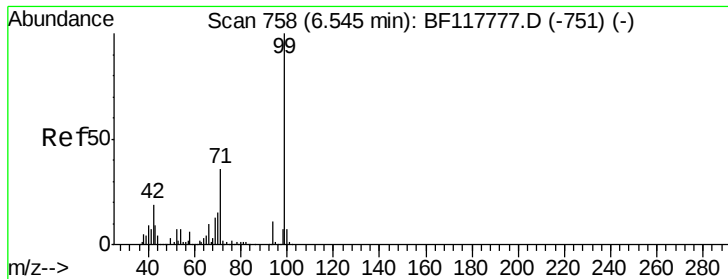
2-Fluorophenol
 Concen: 101.757 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF118074.D
 Acq: 3 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.1	67.7
63	30.3	24.6	37.0



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: 107.622 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118074.D

Acq: 3 Dec 2019 20:48

Instrument :

BNA_F

ClientSampleId :

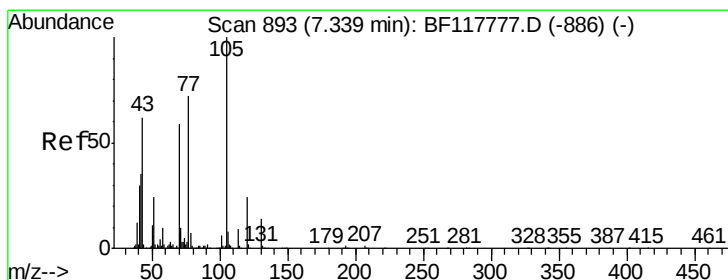
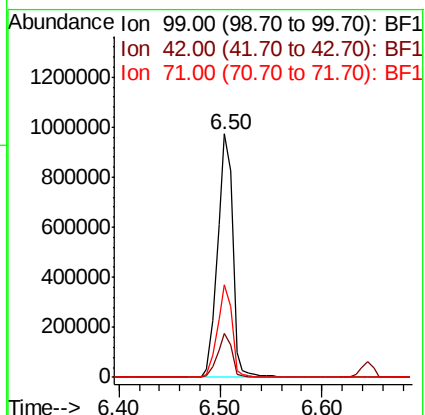
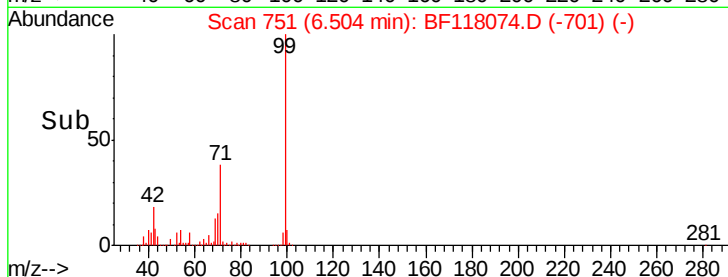
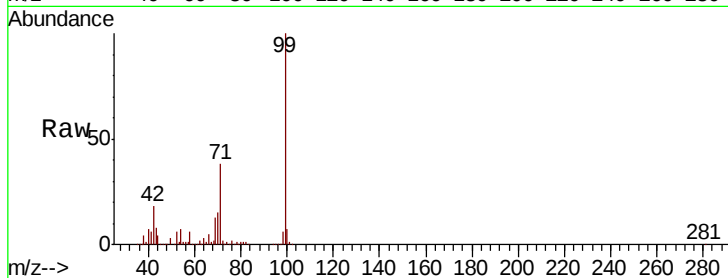
Tot Ion: 99 Resp: 1011715

Ion Ratio Lower Upper

99 100

42 18.0 14.0 21.0

71 37.8 29.2 43.8



#19

n-Nitroso-di-n-propylamine

Concen: 14.141 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF118074.D

Acq: 3 Dec 2019 20:48

Tgt Ion: 70 Resp: 82010

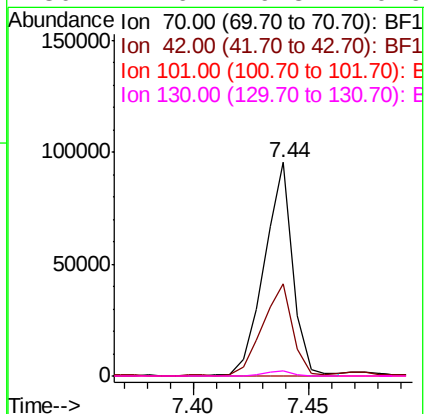
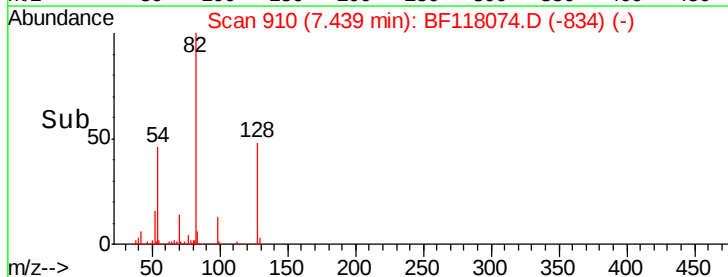
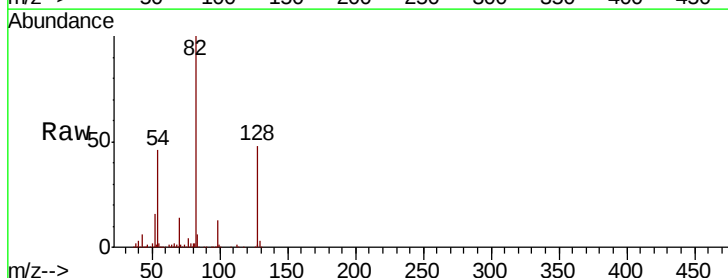
Ion Ratio Lower Upper

70 100

42 43.4 46.0 69.0#

101 0.0 8.8 13.2#

130 2.6 19.8 29.6#

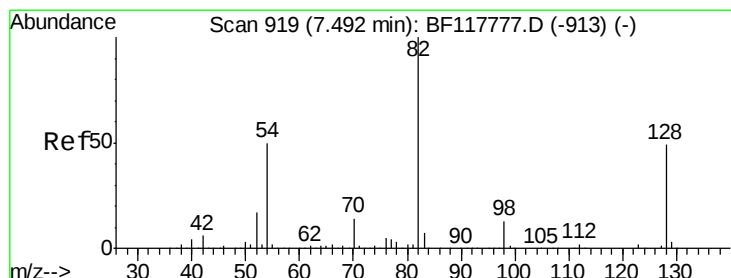
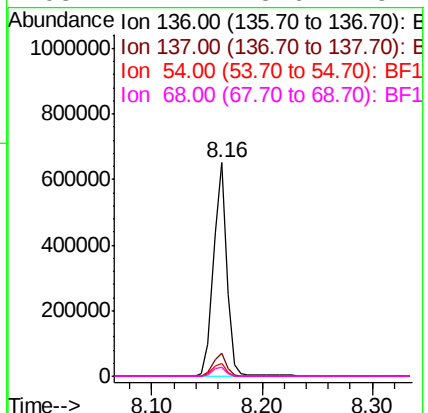
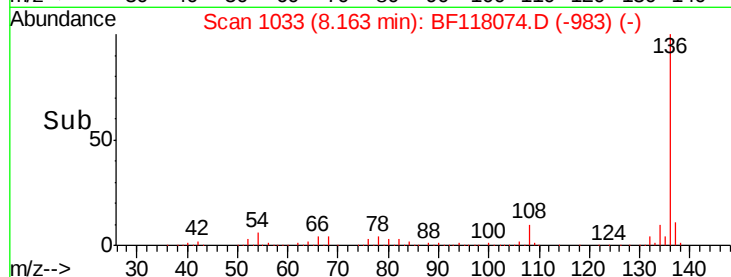
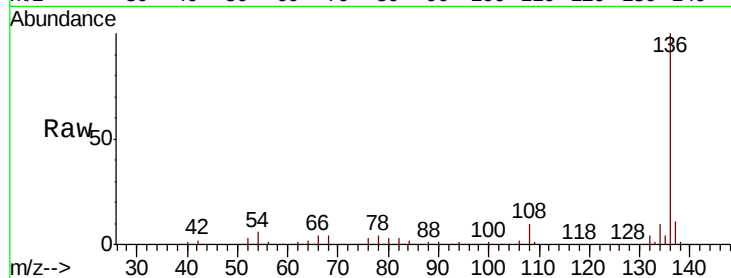




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

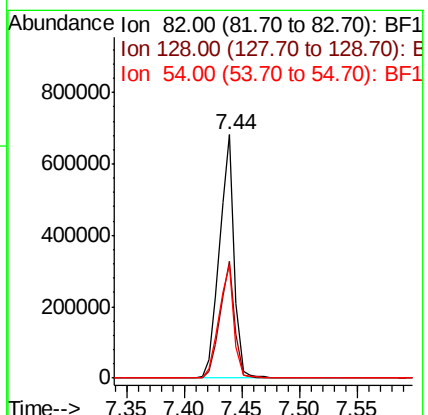
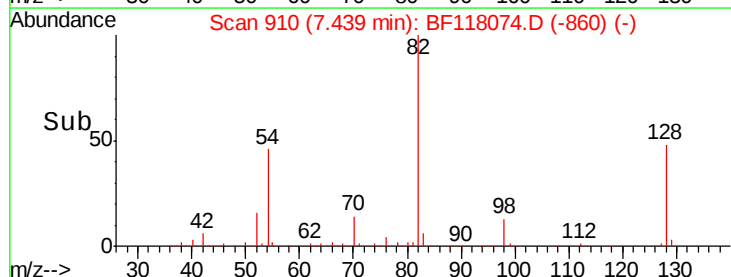
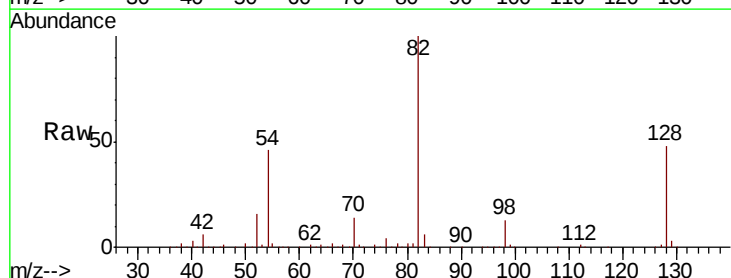
Instrument :
BNA_F
ClientSampled :

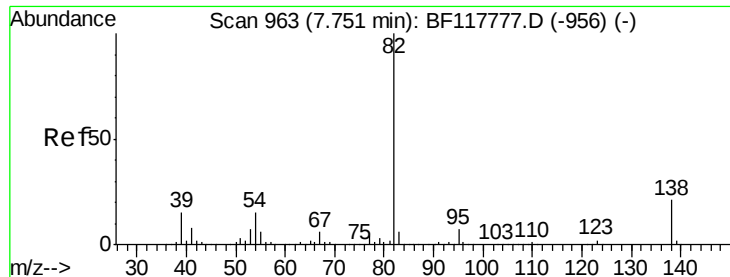
Tot Ion:136	Resp:	538735
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	5.8	4.9 7.3
68	4.4	3.6 5.4



#23
Nitrobenzene-d5
Concen: 67.166 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion: 82	Resp:	608697
Ion Ratio	Lower	Upper
82	100	
128	48.2	38.2 57.4
54	46.2	39.0 58.4





#25

Isophorone

Concen: 36.645 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF118074.D

Acq: 3 Dec 2019 20:48

Instrument :

BNA_F

ClientSampled :

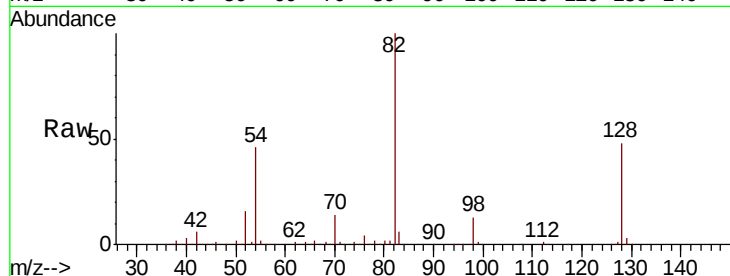
Tot Ion: 82 Resp: 608689

Ion Ratio Lower Upper

82 100

95 0.1 6.2 9.2#

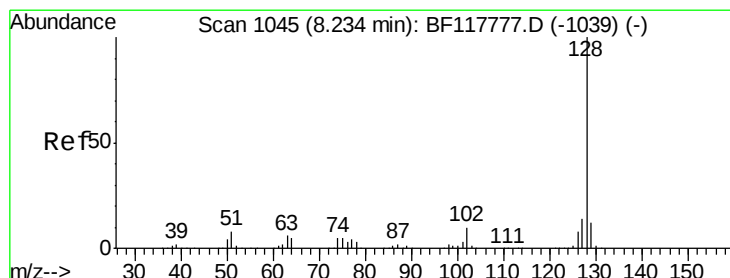
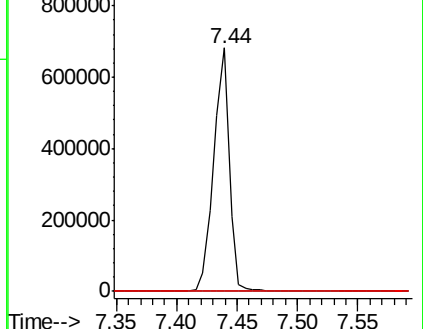
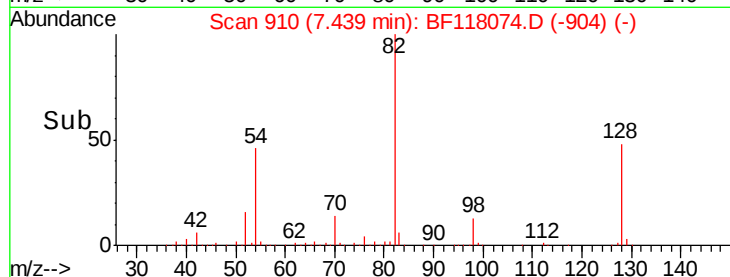
138 0.0 15.9 23.9#



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



#31

Naphthalene

Concen: 3.876 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF118074.D

Acq: 3 Dec 2019 20:48

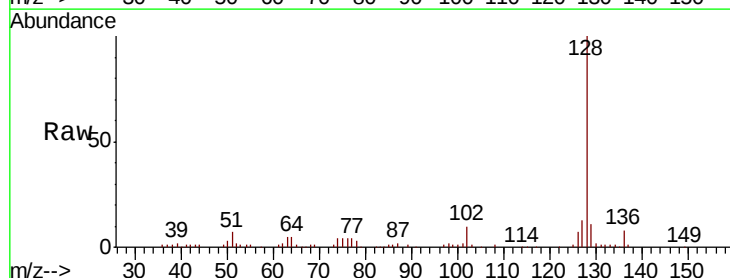
Tgt Ion: 128 Resp: 97335

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

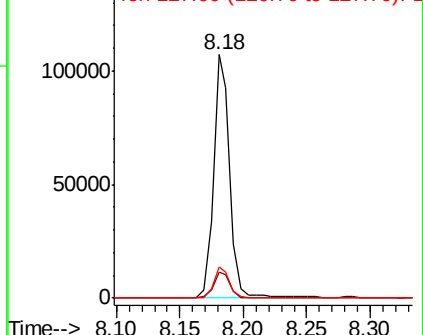
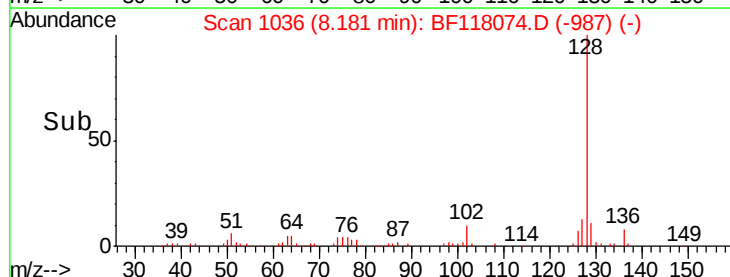
127 12.6 10.6 16.0

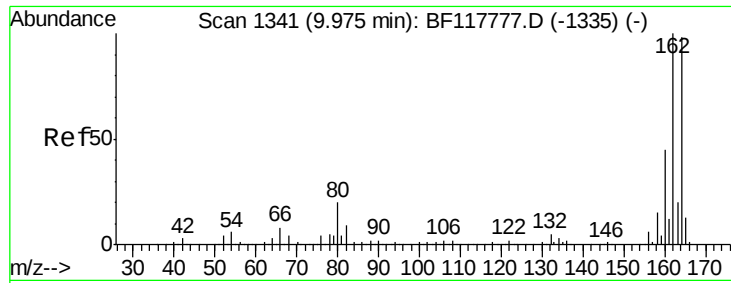


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

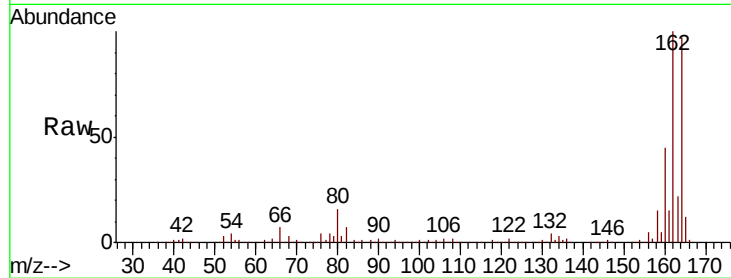




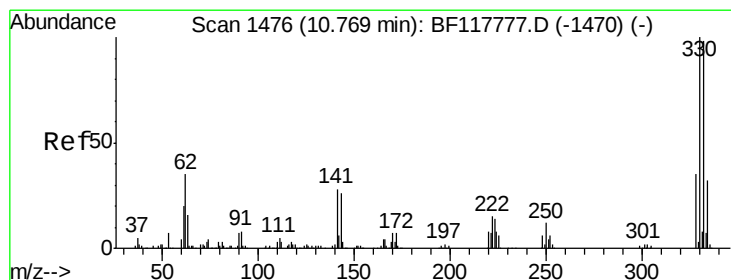
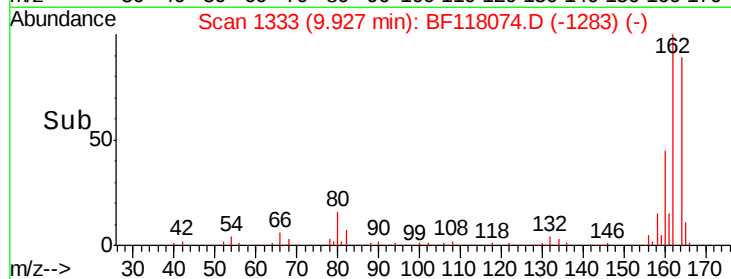
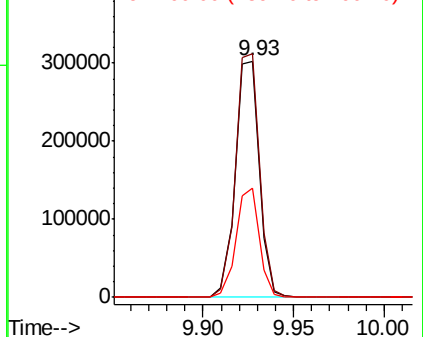
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 281128
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.8
160 46.0 35.9 53.9

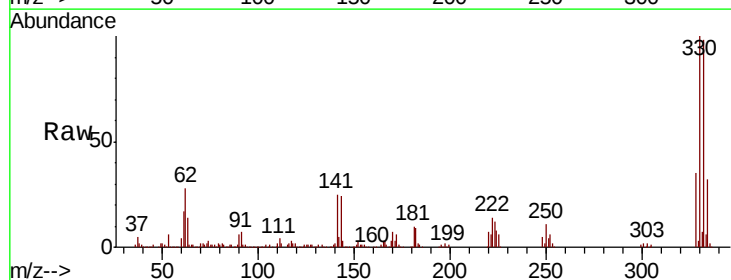


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

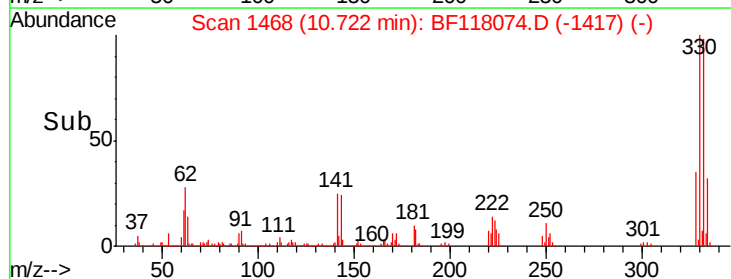
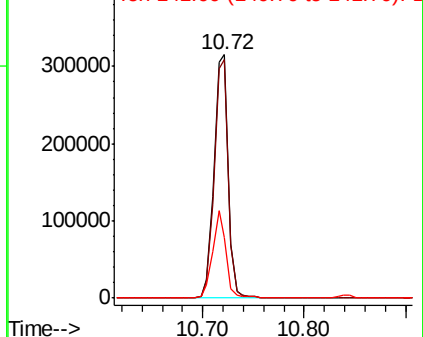


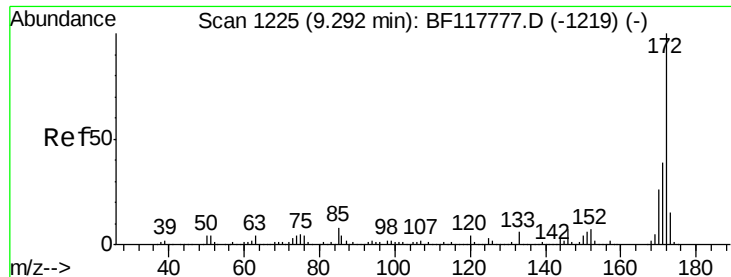
#42
2,4,6-Tribromophenol
Concen: 103.071 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion:330 Resp: 306768
Ion Ratio Lower Upper
330 100
332 96.9 78.3 117.5
141 33.1 26.4 39.6



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

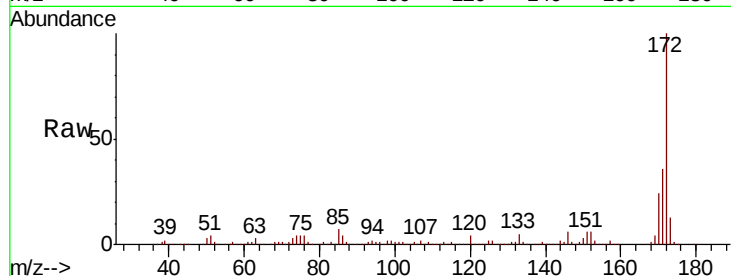




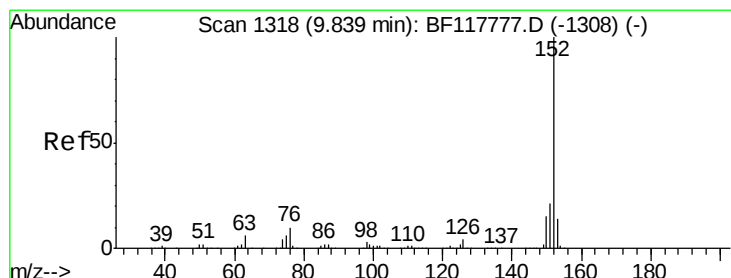
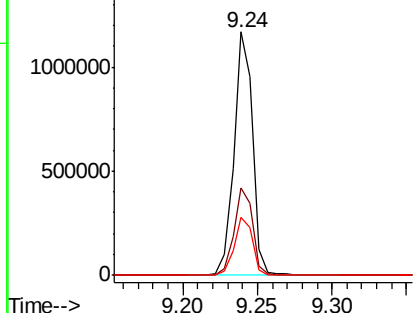
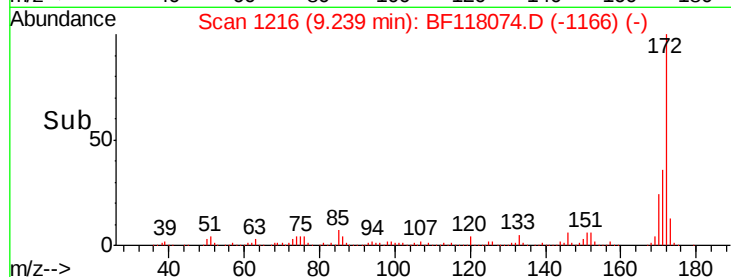
#45
2-Fluorobiphenyl
Concen: 65.702 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1029559
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 23.9 19.3 28.9

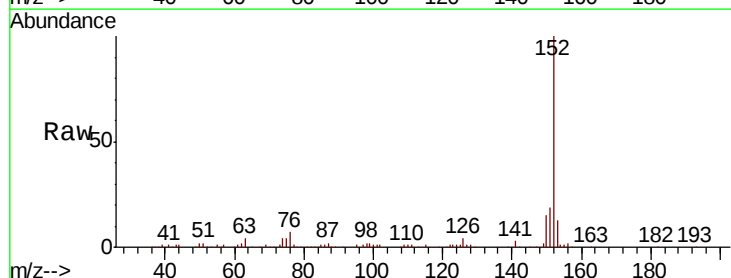


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

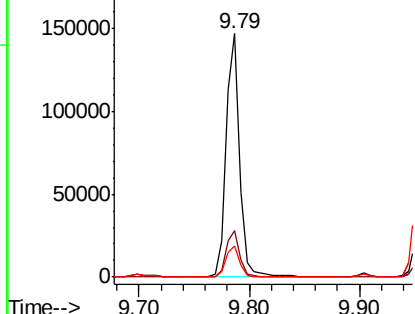
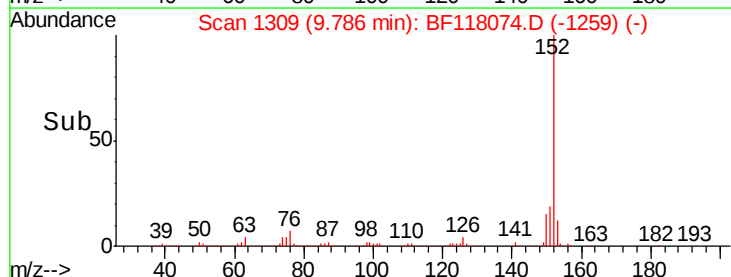


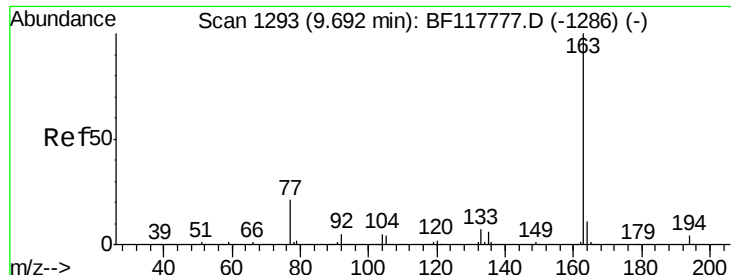
#49
Acenaphthylene
Concen: 5.056 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion:152 Resp: 126486
Ion Ratio Lower Upper
152 100
151 18.8 16.7 25.1
153 12.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

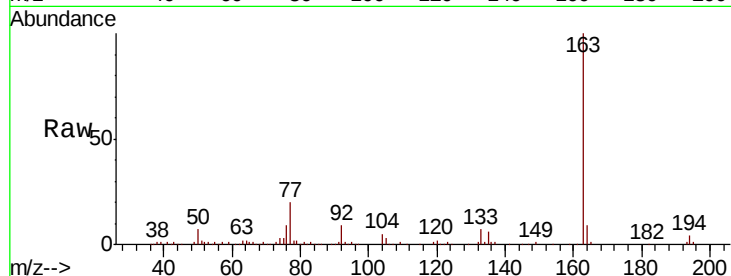




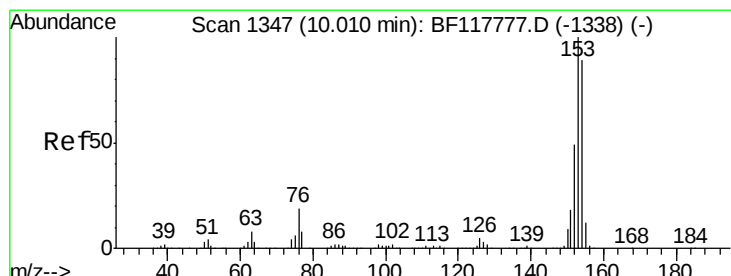
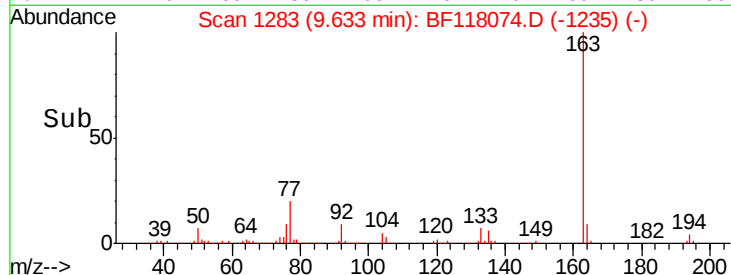
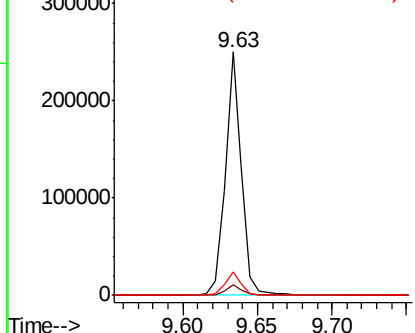
#50
Dimethylphthalate
Concen: 9.661 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.5	7.9	11.9

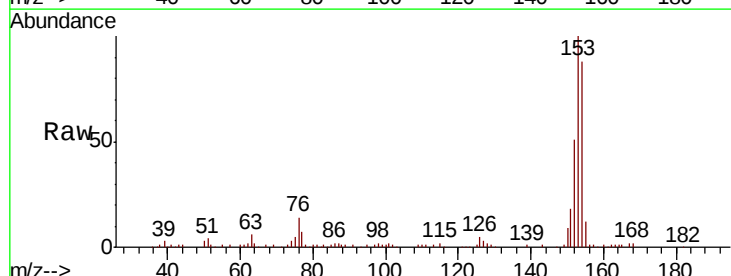


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

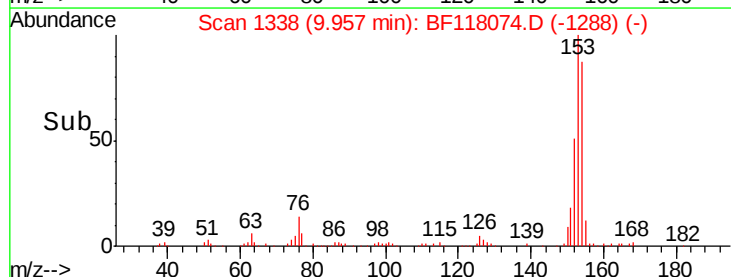
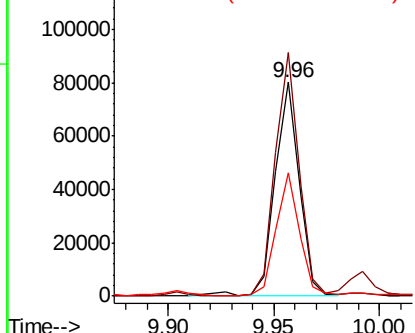


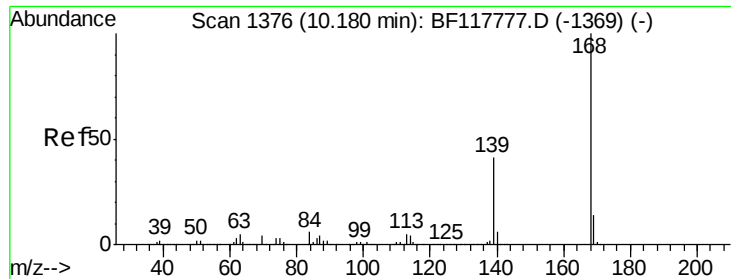
#52
Acenaphthene
Concen: 4.026 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	57.7	43.6	65.4



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

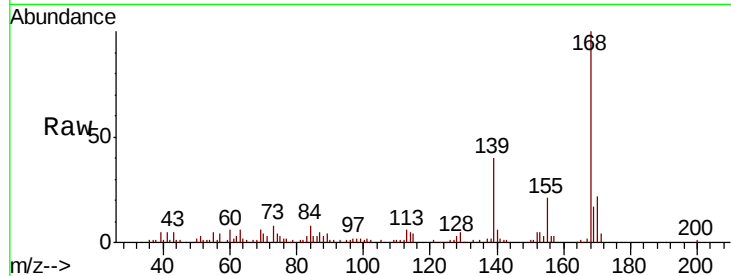




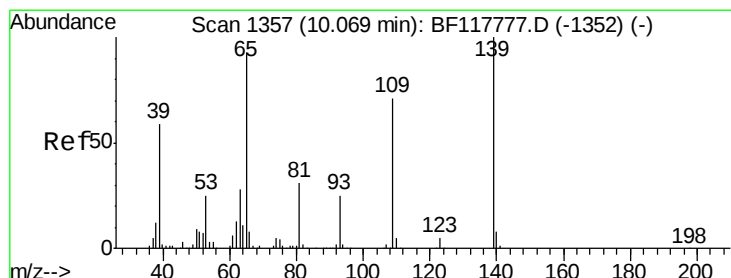
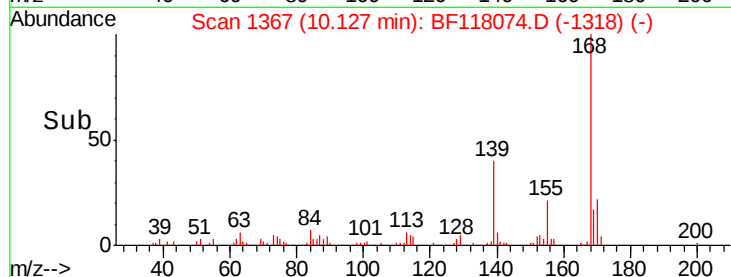
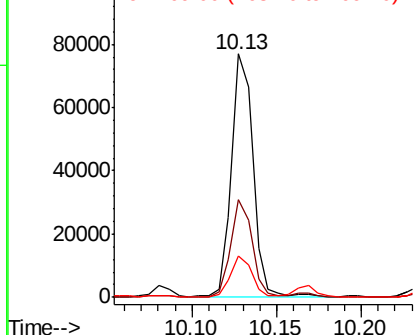
#55
Dibenzofuran
Concen: 3.091 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 68592
Ion Ratio Lower Upper
168 100
139 40.4 32.5 48.7
169 17.1 10.8 16.2#

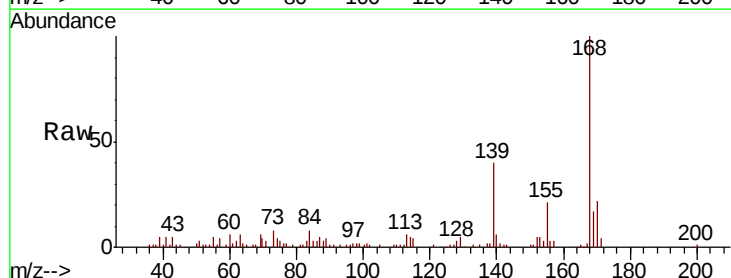


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

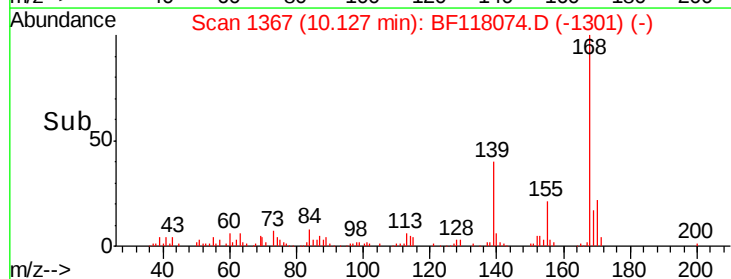
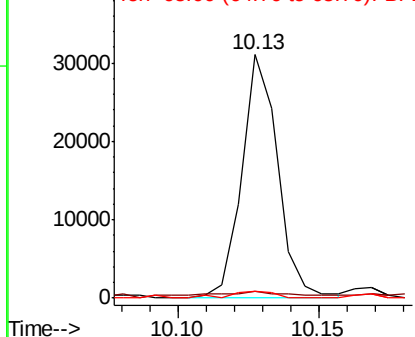


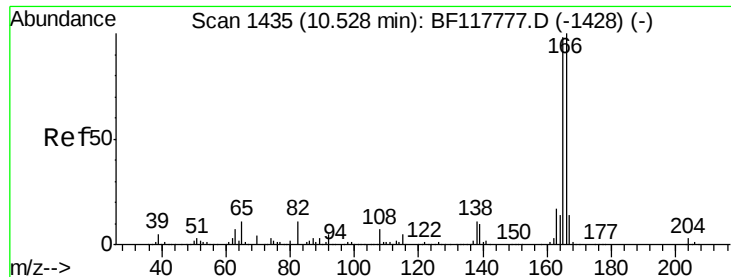
#56
4-Nitrophenol
Concen: 7.142 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.09 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion:139 Resp: 27485
Ion Ratio Lower Upper
139 100
109 2.6 55.2 95.2#
65 3.0 68.7 108.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

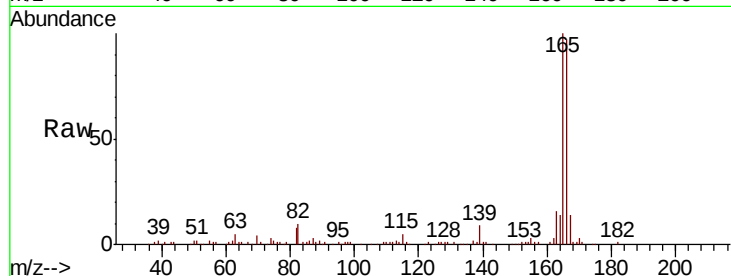




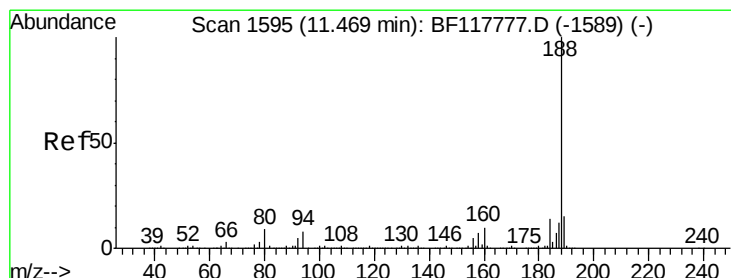
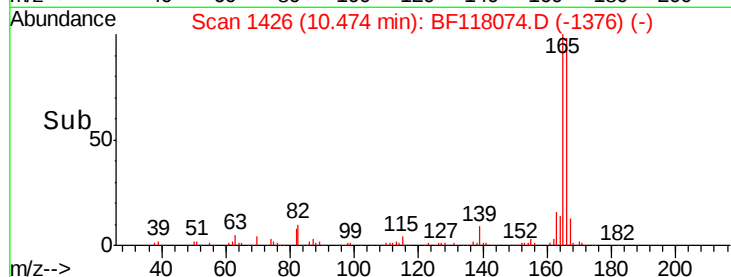
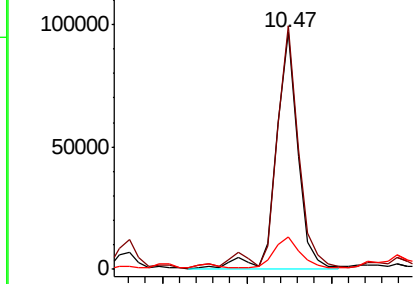
#58
 Fluorene
 Concen: 4.939 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF118074.D
 Acq: 3 Dec 2019 20:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 84928
 Ion Ratio Lower Upper
 166 100
 165 102.8 77.4 116.2
 167 13.9 10.7 16.1

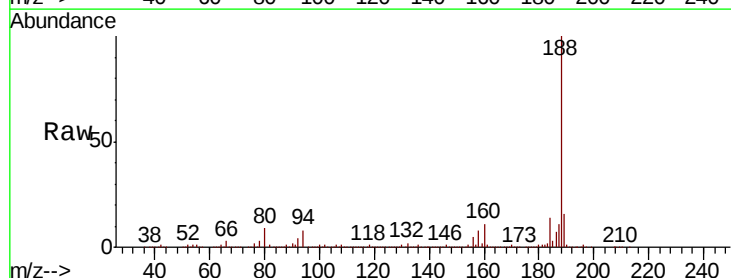


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

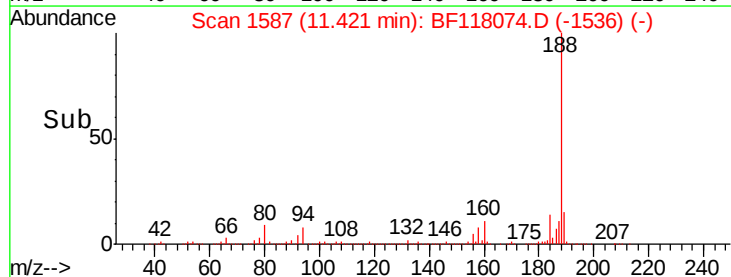
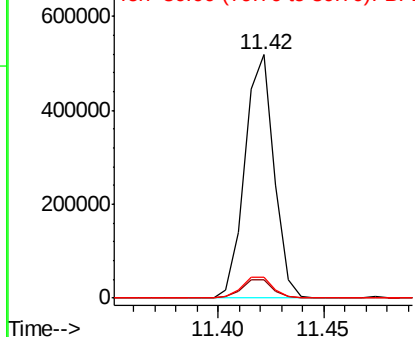


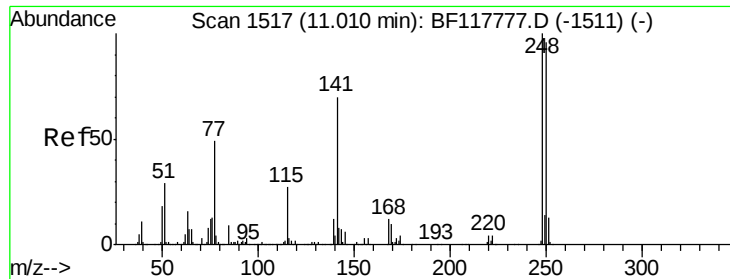
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF118074.D
 Acq: 3 Dec 2019 20:48

Tgt Ion:188 Resp: 499121
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.0 10.6
 80 8.7 7.2 10.8



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

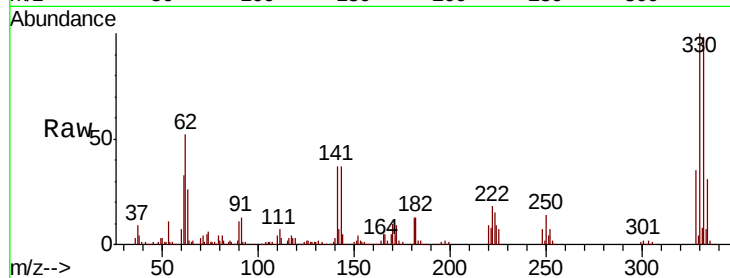




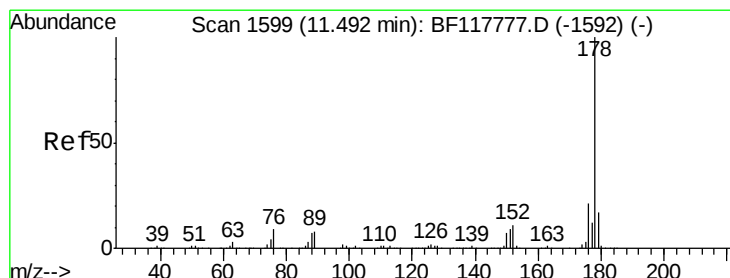
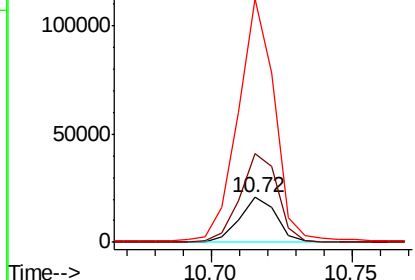
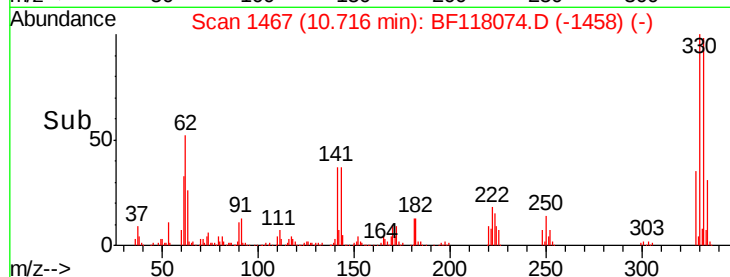
#67
4-Bromophenyl-phenylether
Concen: 3.500 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18850
Ion Ratio Lower Upper
248 100
250 198.7 78.0 117.0#
141 542.4 64.0 96.0#

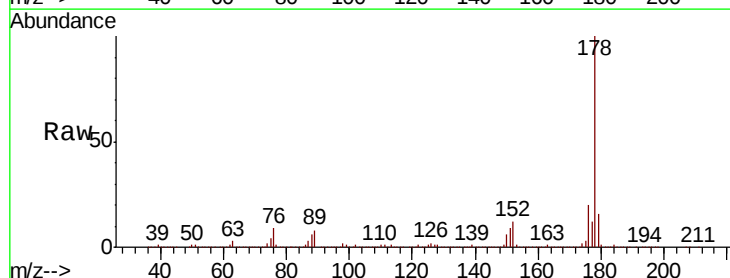


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

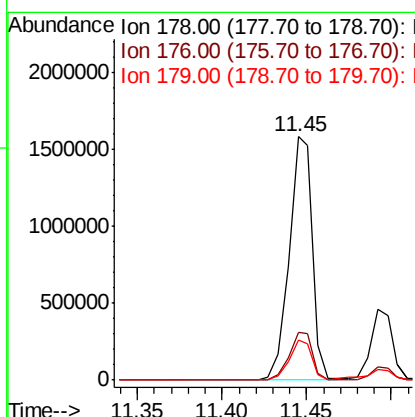
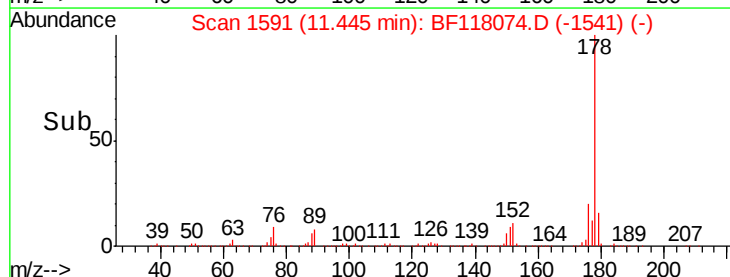


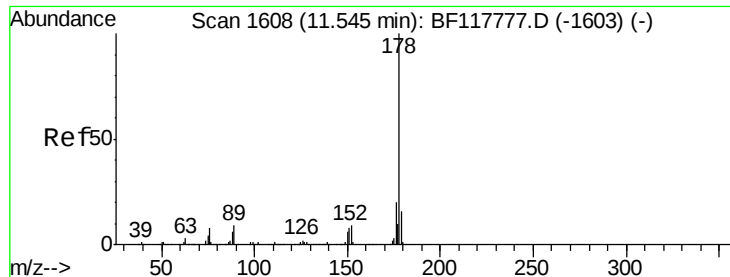
#71
Phenanthrene
Concen: 60.325 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion:178 Resp: 1513809
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 16.2 12.3 18.5



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

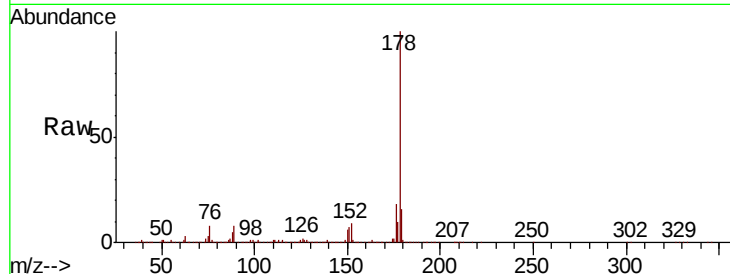




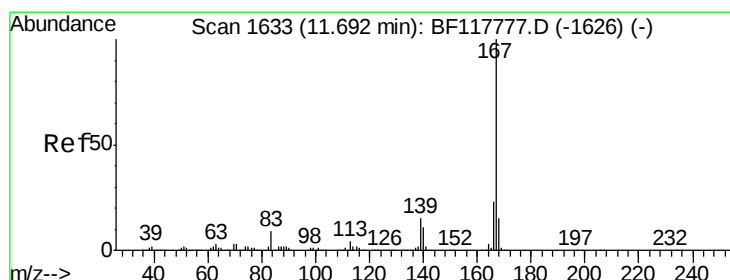
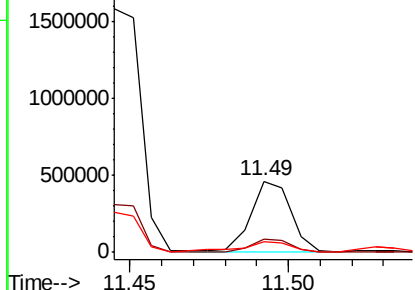
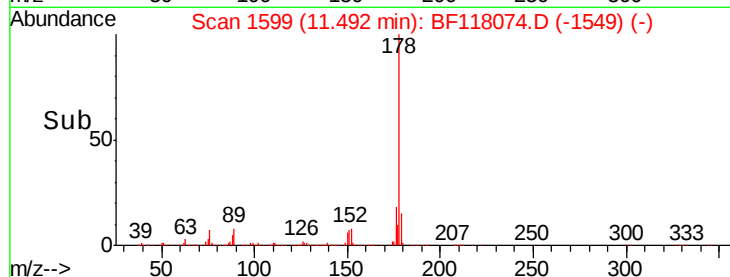
#72
 Anthracene
 Concen: 16.168 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF118074.D
 Acq: 3 Dec 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 402273
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.6
 179 15.7 12.8 19.2

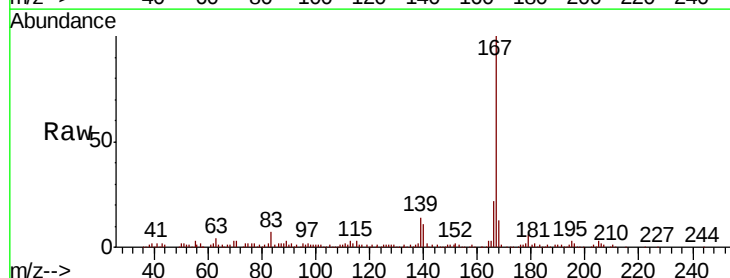


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

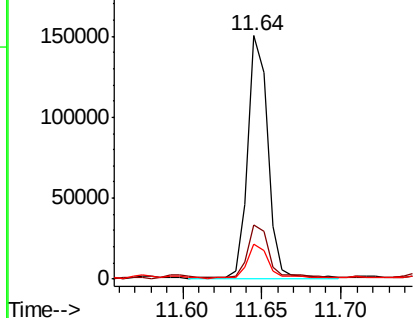
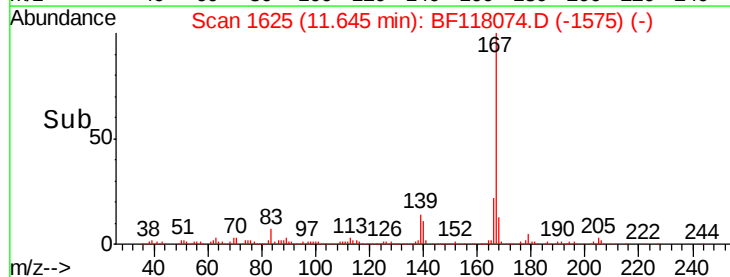


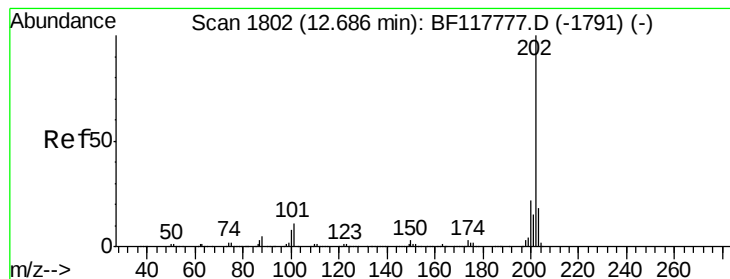
#73
 Carbazole
 Concen: 6.048 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF118074.D
 Acq: 3 Dec 2019 20:48

Tgt Ion:167 Resp: 131504
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.2 11.5 17.3



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: 130.217 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF118074.D

Acq: 3 Dec 2019 20:48

Instrument :

BNA_F

ClientSampleId :

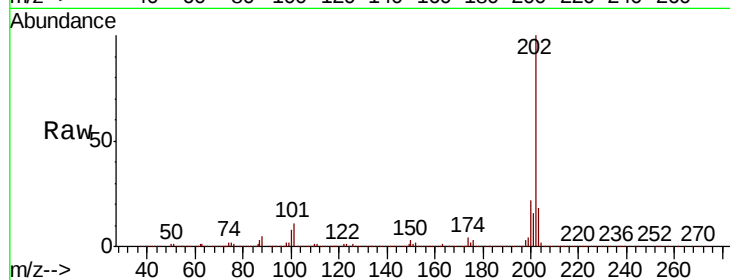
Tot Ion:202 Resp: 2650028

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.5

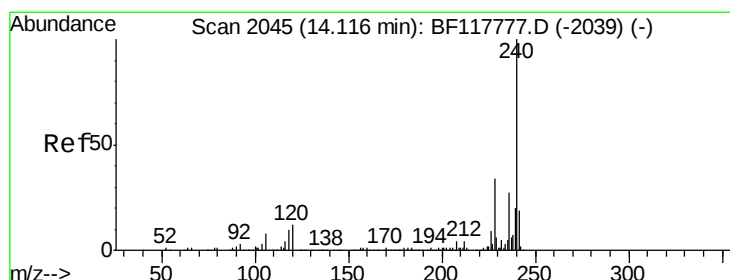
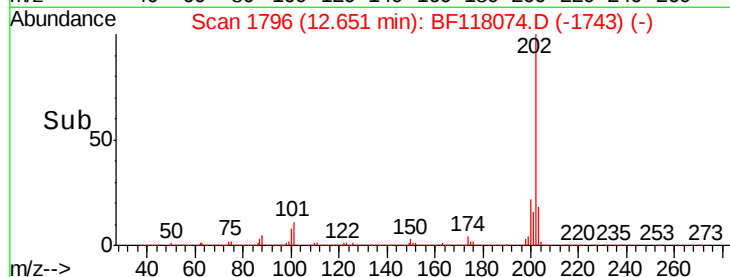
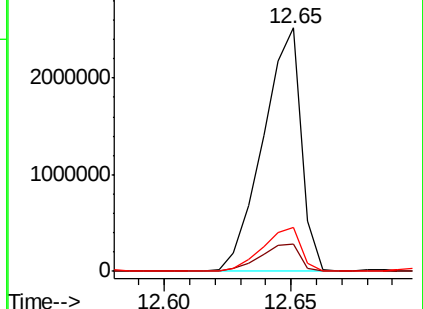
203 18.2 0.0 37.6



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: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF118074.D

Acq: 3 Dec 2019 20:48

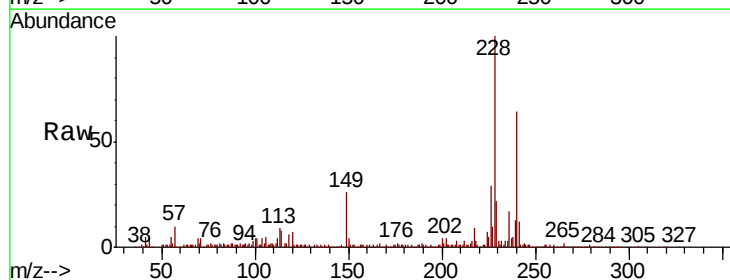
Tgt Ion:240 Resp: 298872

Ion Ratio Lower Upper

240 100

120 11.3 8.4 12.6

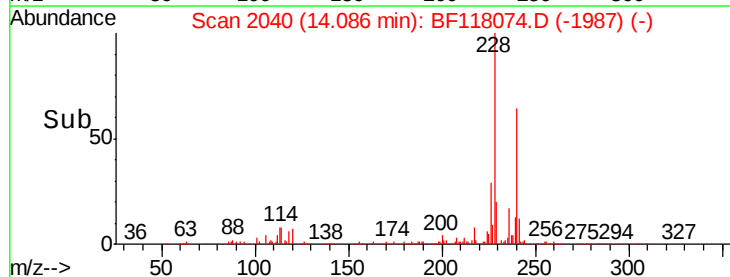
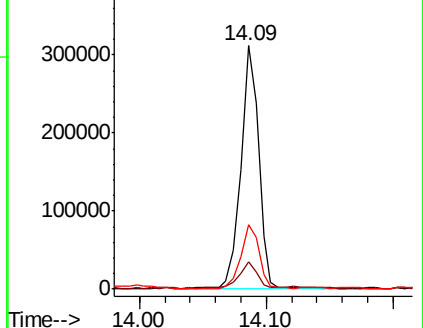
236 26.7 20.6 31.0

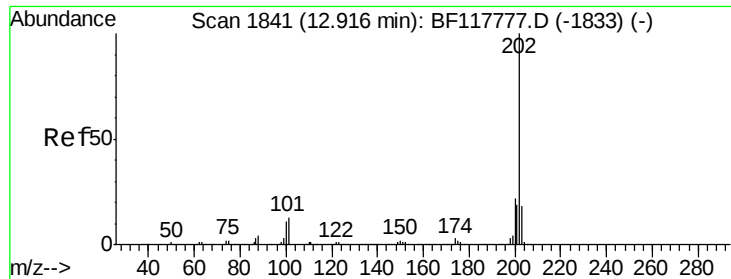


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

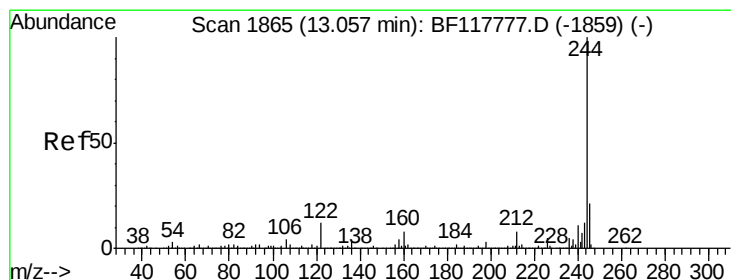
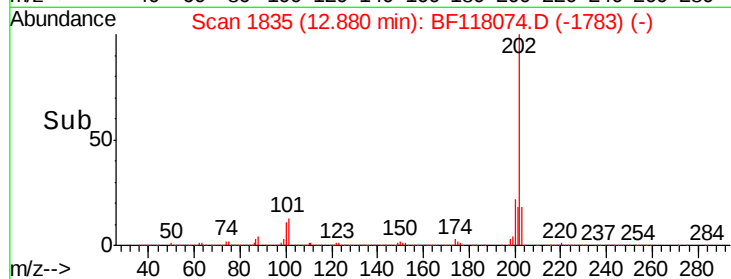
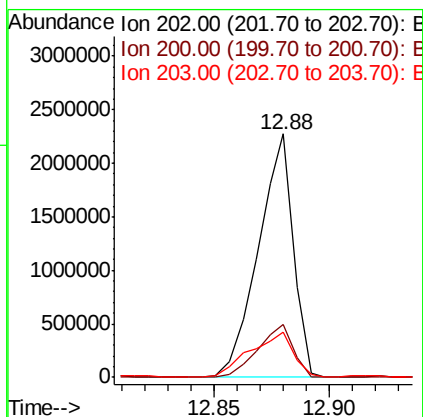
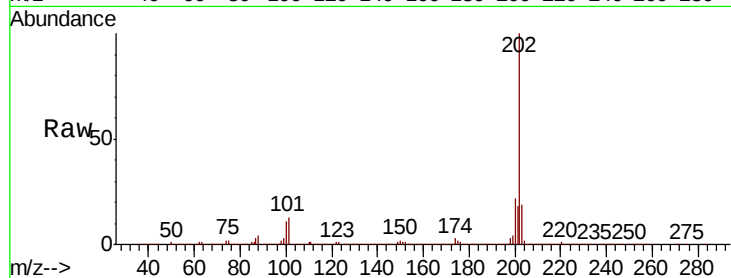




#78
Pvrene
Concen: 98.731 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

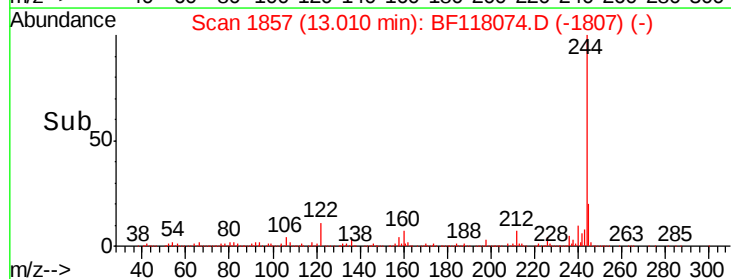
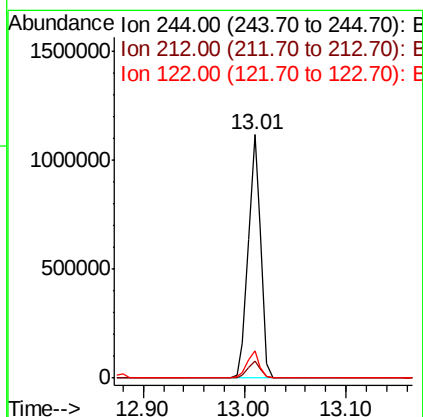
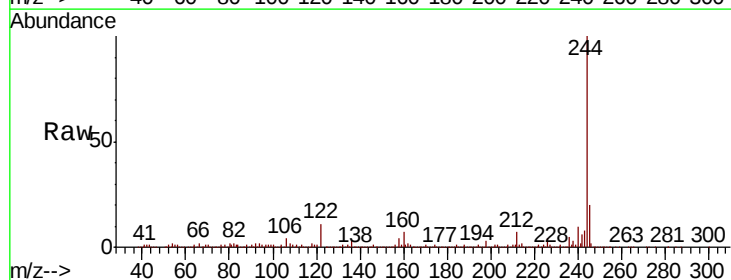
Instrument :
BNA_F
ClientSampleId :

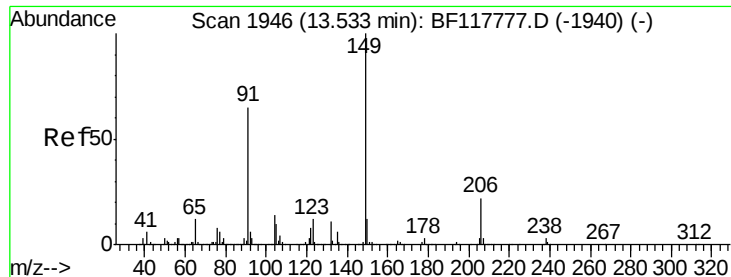
Tot Ion:202 Resp: 2384688
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 18.8 14.2 21.4



#79
Terphenyl-d14
Concen: 58.523 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion:244 Resp: 957040
Ion Ratio Lower Upper
244 100
212 6.9 5.2 7.8
122 11.0 7.2 10.8#

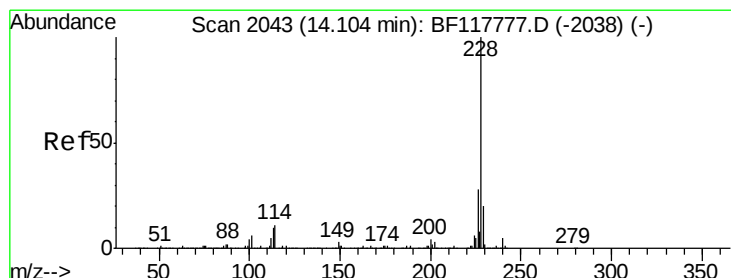
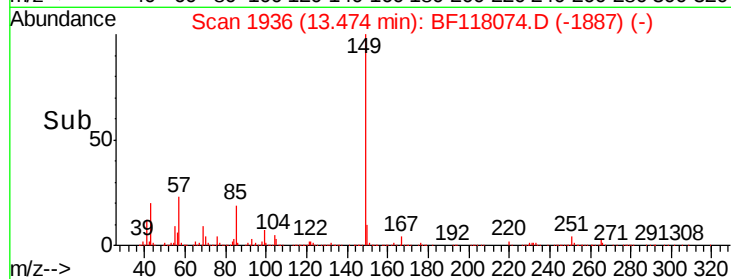
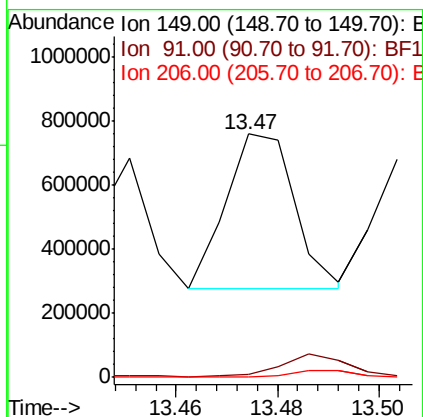
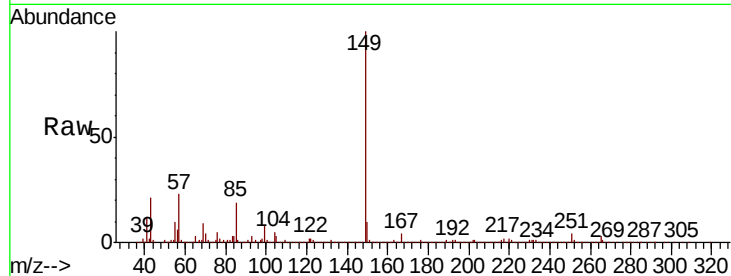




#80
Butylbenzylphthalate
Concen: 43.302 ng
RT: 13.47 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

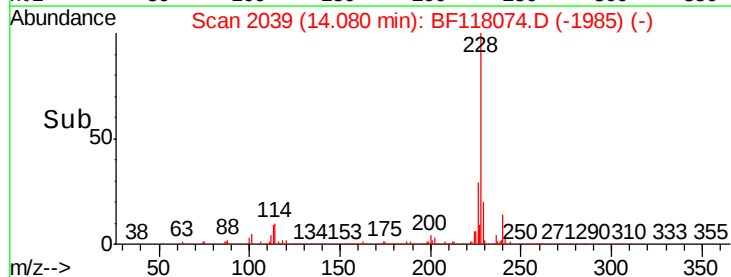
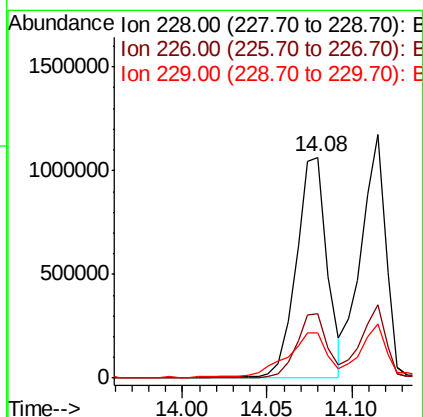
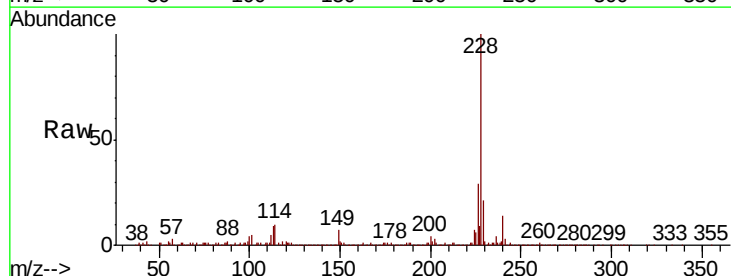
Instrument :
BNA_F
ClientSampleId :

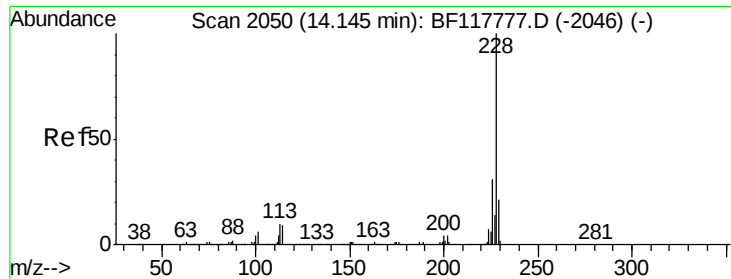
Tot Ion:149 Resp: 449213
Ion Ratio Lower Upper
149 100
91 1.1 53.1 79.7#
206 0.2 15.8 23.6#



#81
Benzo(a)anthracene
Concen: 68.007 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.02 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion:228 Resp: 1343128
Ion Ratio Lower Upper
228 100
226 29.1 21.9 32.9
229 20.7 16.2 24.2

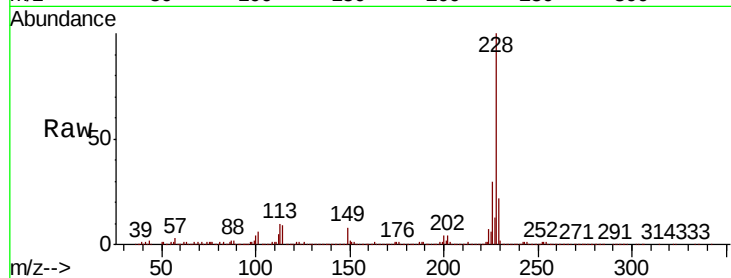




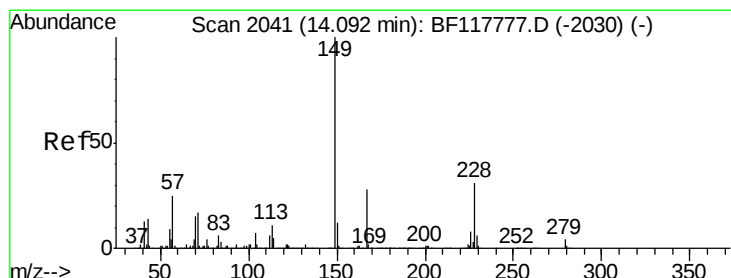
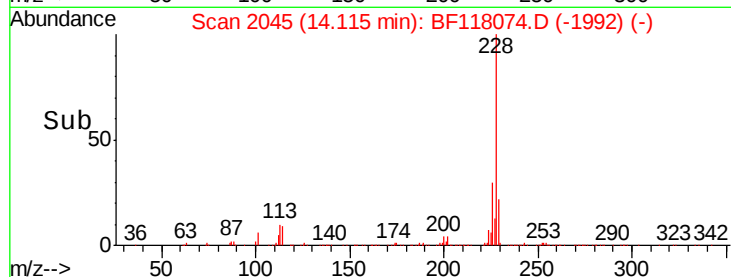
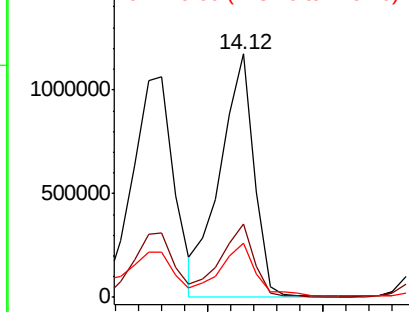
#83
Chrysene
Concen: 62.366 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1193538
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 22.4 16.2 24.2

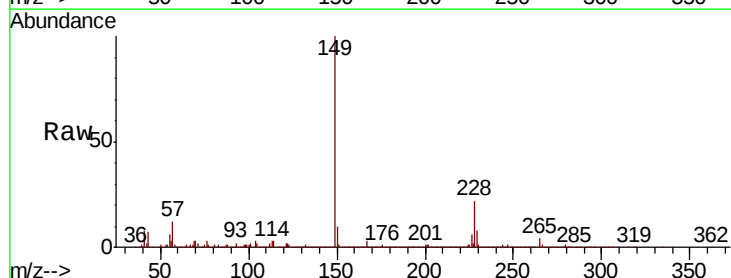


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

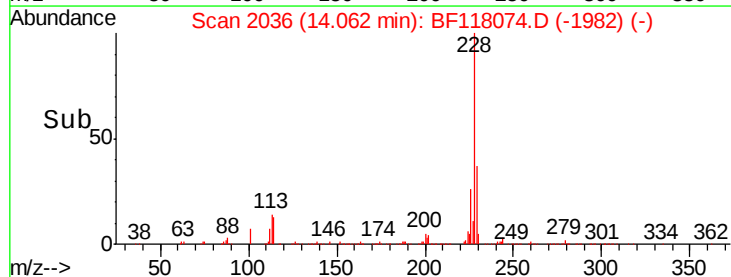
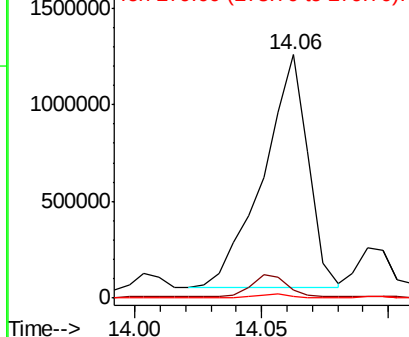


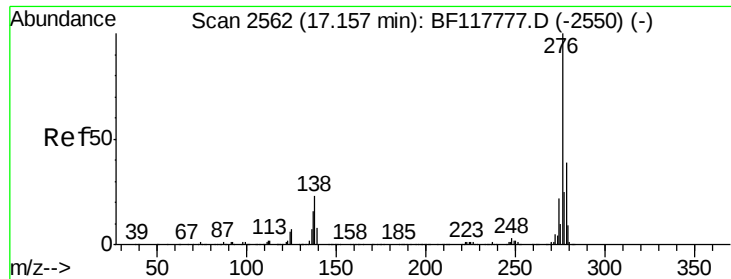
#84
Bis(2-ethylhexyl)phthalate
Concen: 118.332 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion:149 Resp: 1488247
Ion Ratio Lower Upper
149 100
167 3.3 21.8 32.8#
279 0.6 3.4 5.0#



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

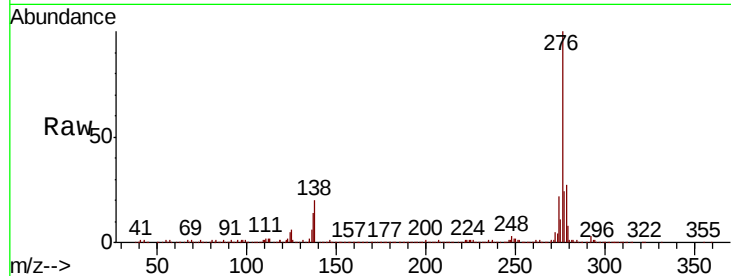




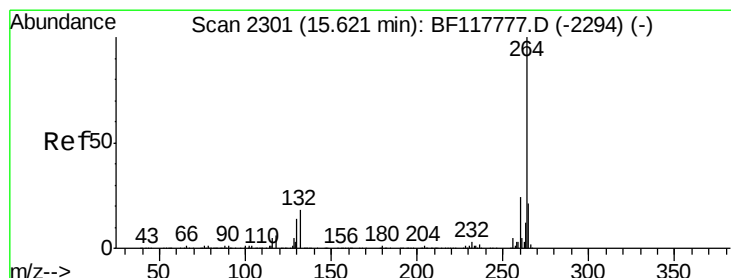
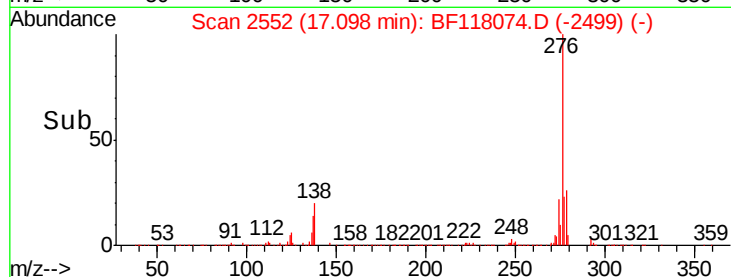
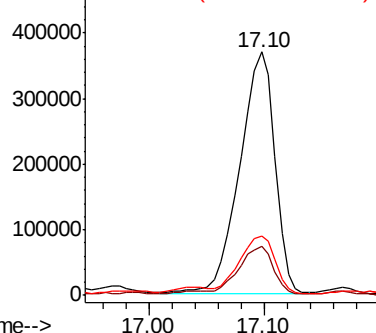
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 48.013 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. 0.01 min
 Lab File: BF118074.D
 Acq: 3 Dec 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.0	28.6
277	24.6	20.7	31.1

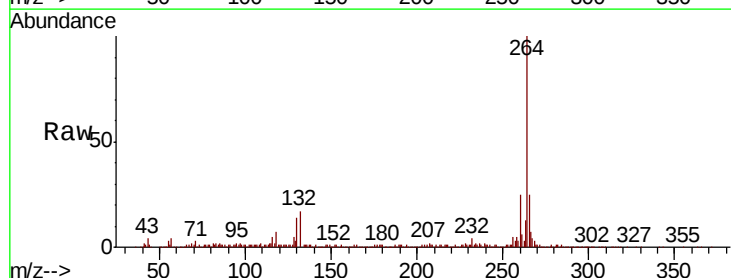


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

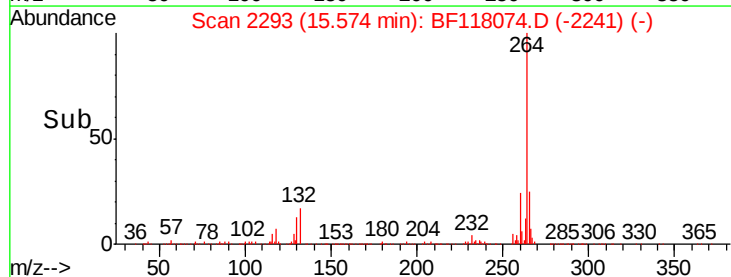
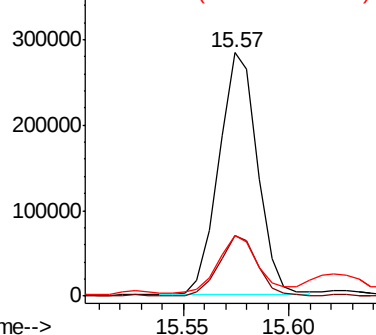


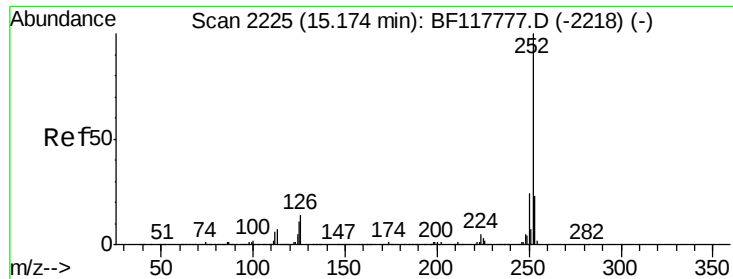
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF118074.D
 Acq: 3 Dec 2019 20:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	25.0	16.4	24.6



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

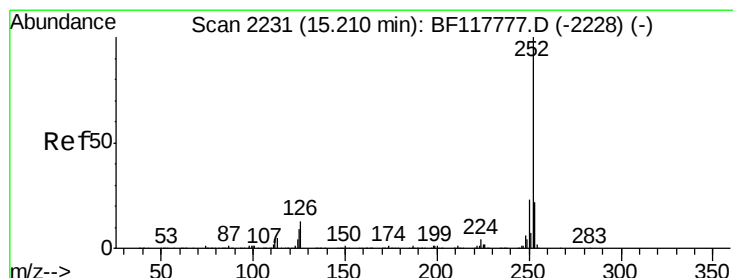
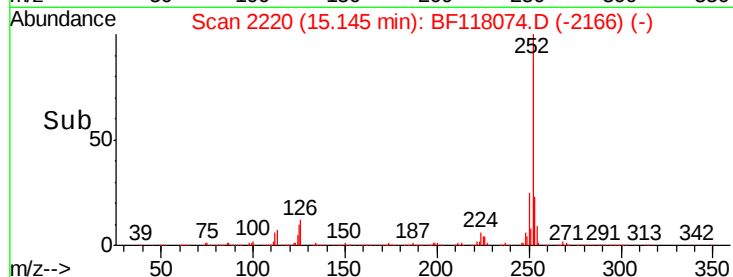
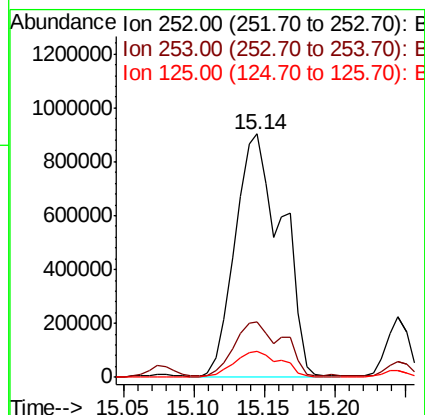
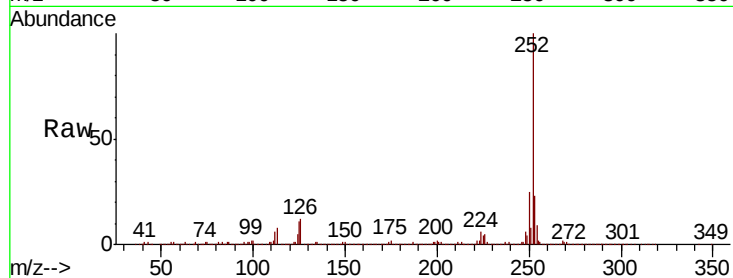




#88
Benzo(b)fluoranthene
Concen: 88.869 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

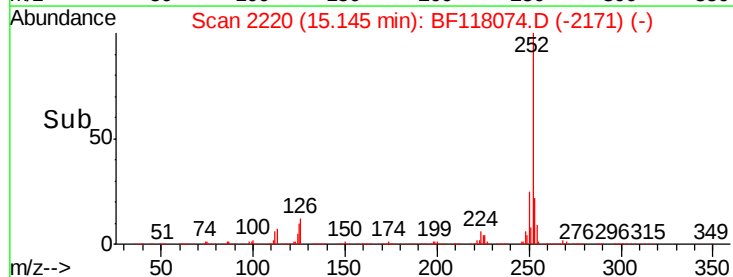
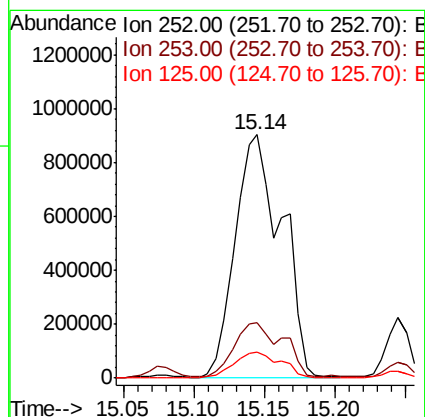
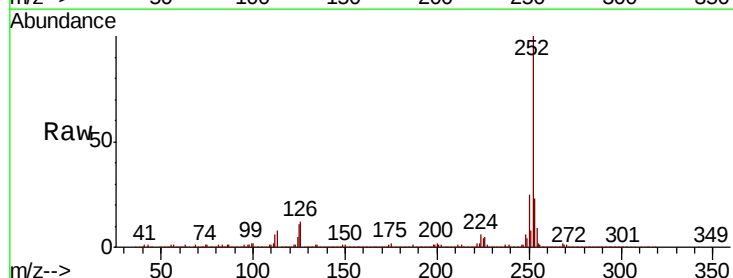
Instrument :
BNA_F
ClientSampleId :

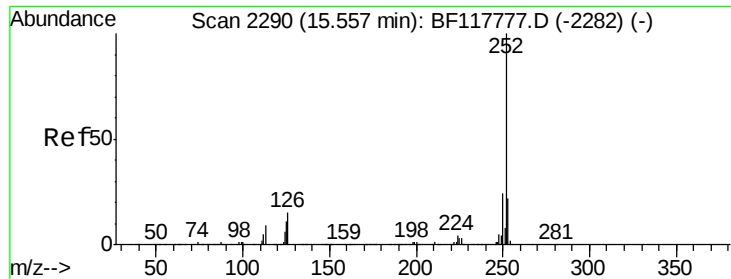
Tot Ion:252 Resp: 2074586
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 10.6 7.7 11.5



#89
Benzo(k)fluoranthene
Concen: 94.318 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion:252 Resp: 2074586
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 10.6 8.5 12.7

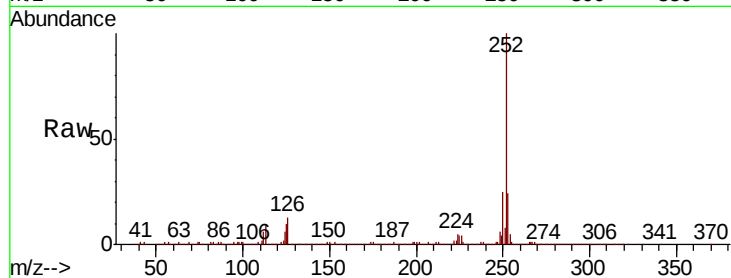




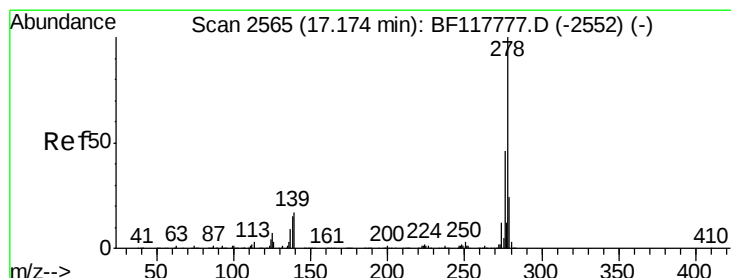
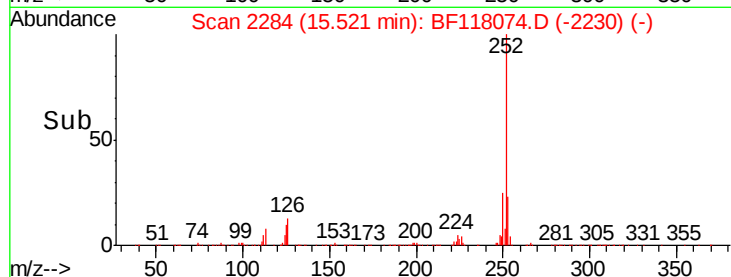
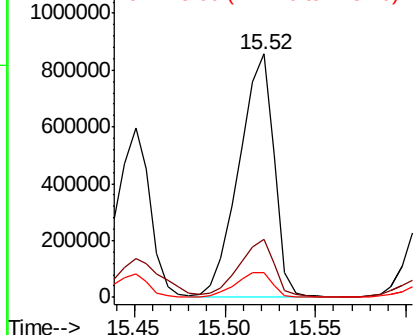
#90
Benzo(a)pyrene
Concen: 55.737 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1144150
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 10.3 8.9 13.3

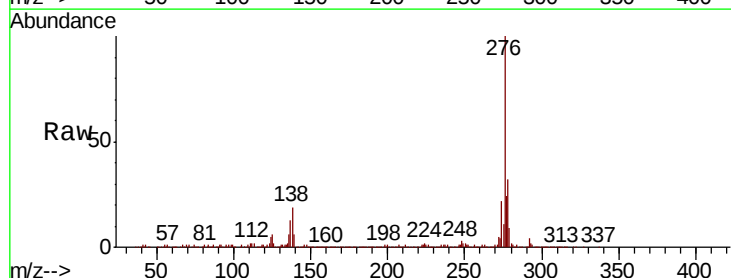


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

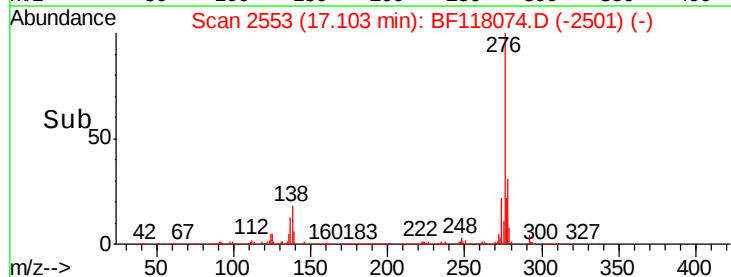
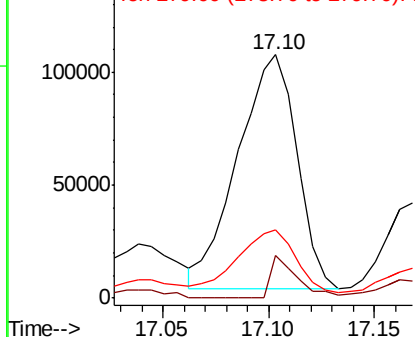


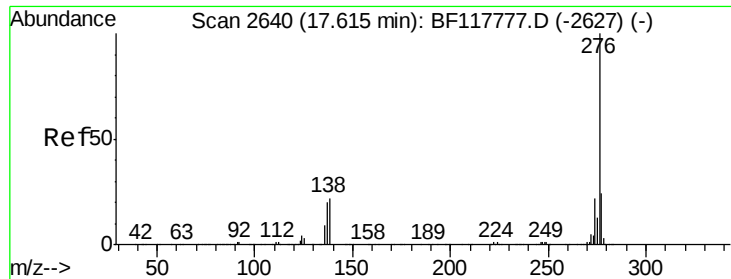
#91
Dibenzo(a,h)anthracene
Concen: 11.436 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118074.D
Acq: 3 Dec 2019 20:48

Tgt Ion:278 Resp: 202050
Ion Ratio Lower Upper
278 100
139 17.8 12.2 18.4
279 28.2 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

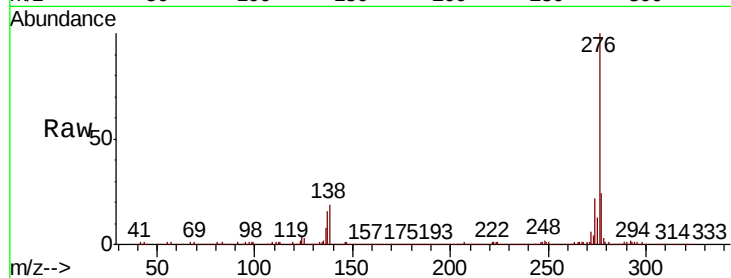




#92
 Benzo(a,h,i)perylene
 Concen: 40.096 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.02 min
 Lab File: BF118074.D
 Acq: 3 Dec 2019 20:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	18.9	16.6	25.0



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

