

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117617.D
 Acq On : 30 Oct 2019 11:59
 Operator : JU
 Sample : K5540-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 01:22:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	35745	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	145407	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	70820	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	109937	20.00	ng	0.00
76) Chrysene-d12	13.90	240	77461	20.00	ng	0.00
87) Perylene-d12	15.34	264	87887	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	188258	78.35	ng	0.00
7) Phenol-d6	6.38	99	280480	86.91	ng	0.00
23) Nitrobenzene-d5	7.29	82	190829	64.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	49555	80.87	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	245598	48.86	ng	-0.01
79) Terphenyl-d14	12.83	244	160316	33.76	ng	0.00

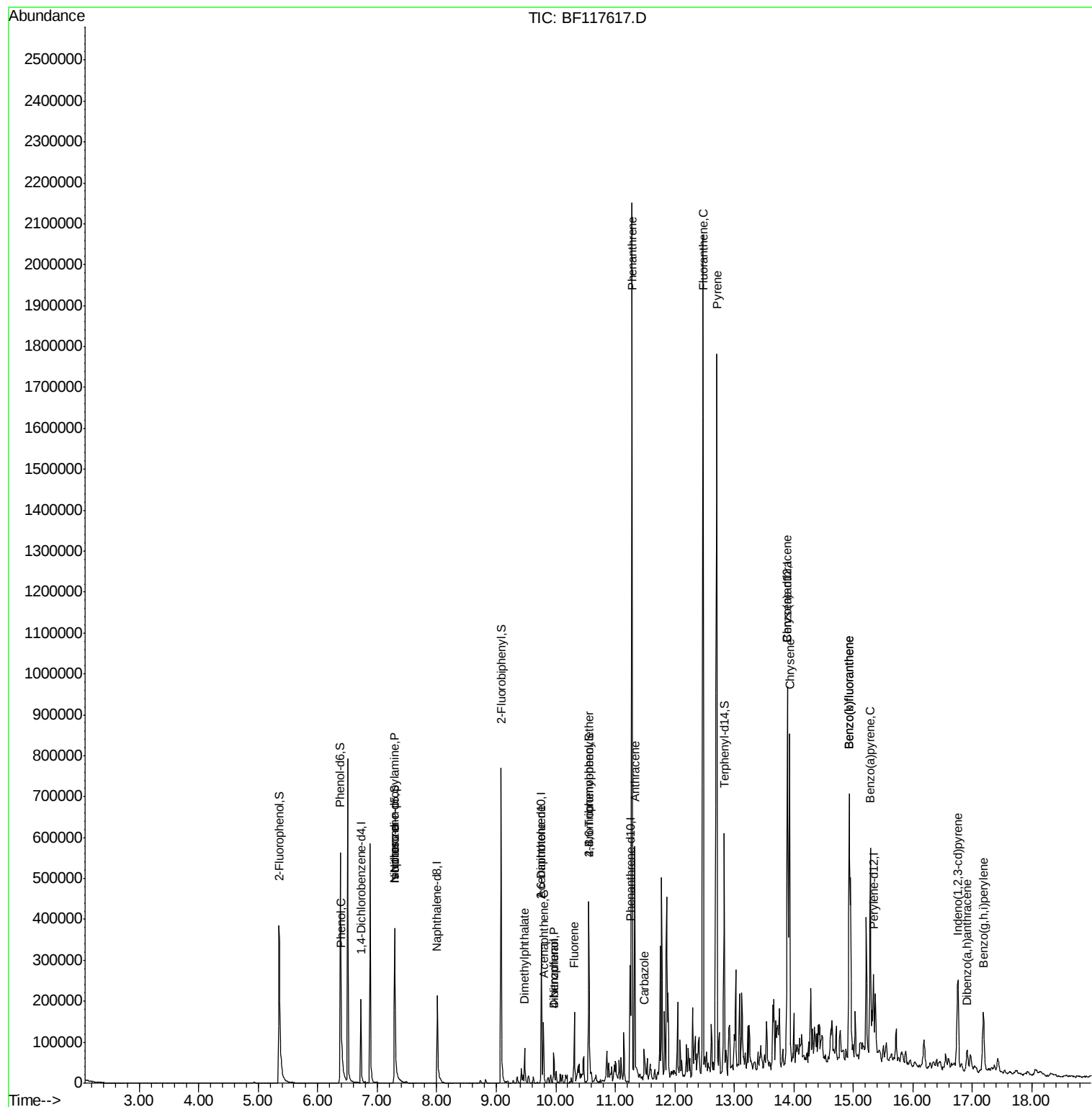
Target Compounds				Qvalue		
10) Phenol	6.40	94	11886	3.609	ng	83
19) n-Nitroso-di-n-propylamine	7.29	70	24448	12.405	ng	# 81
25) Isophorone	7.29	82	190828	37.452	ng	# 65
50) Dimethylphthalate	9.48	163	39968	7.916	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	9898	9.395	ng	# 22
52) Acenaphthene	9.79	154	33483	8.405	ng	96
55) Dibenzofuran	9.97	168	28704	4.973	ng	95
56) 4-Nitrophenol	9.97	139	11894	23.300	ng	# 6
58) Fluorene	10.31	166	52880	11.079	ng	95
67) 4-Bromophenyl-phenylether	10.56	248	3256	2.750	ng	# 1
71) Phenanthrene	11.28	178	828838	129.838	ng	99
72) Anthracene	11.33	178	232225	35.454	ng	99
73) Carbazole	11.49	167	28695	4.794	ng	98
75) Fluoranthene	12.47	202	867796	135.794	ng	99
77) Benzidine	12.83	184	2187	Below Cal	#	79
78) Pyrene	12.70	202	760258	114.265	ng	99
81) Benzo(a)anthracene	13.89	228	350018	66.988	ng	98
83) Chrysene	13.93	228	289095	56.454	ng	98
86) Indeno(1,2,3-cd)pyrene	16.76	276	126019	32.961	ng	96
88) Benzo(b)fluoranthene	14.93	252	435327	83.881	ng	98
89) Benzo(k)fluoranthene	14.93	252	435327	81.840	ng	# 97
90) Benzo(a)pyrene	15.29	252	241287	51.135	ng	95
91) Dibenzo(a,h)anthracene	16.91	278	30151	7.390	ng	96
92) Benzo(g,h,i)perylene	17.19	276	117796	30.513	ng	97

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

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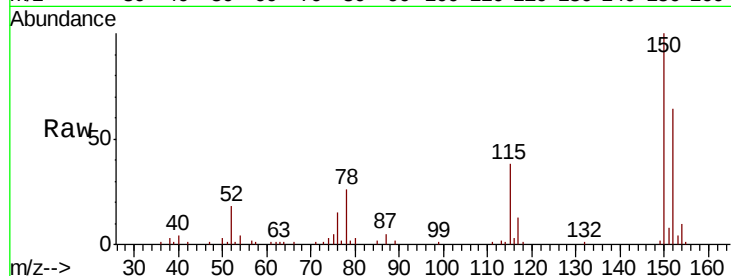


#1

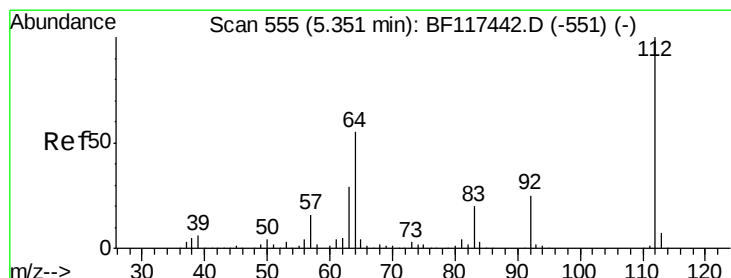
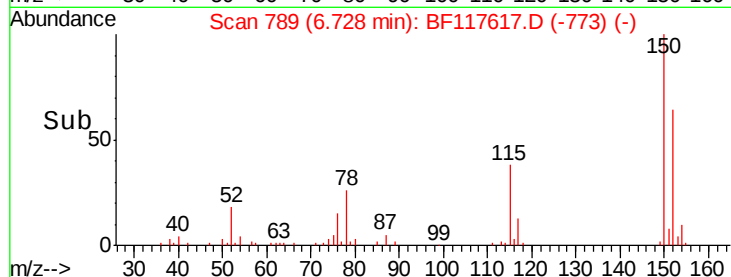
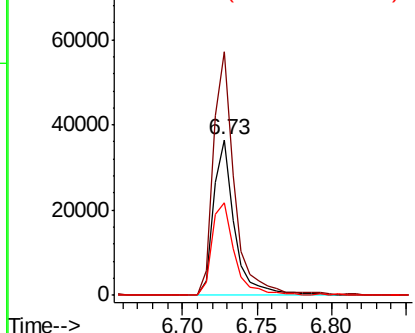
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 35745
Ion Ratio Lower Upper
152 100
150 156.7 126.8 190.2
115 59.9 51.6 77.4



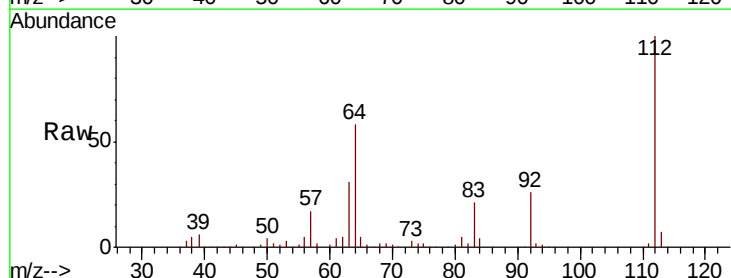
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



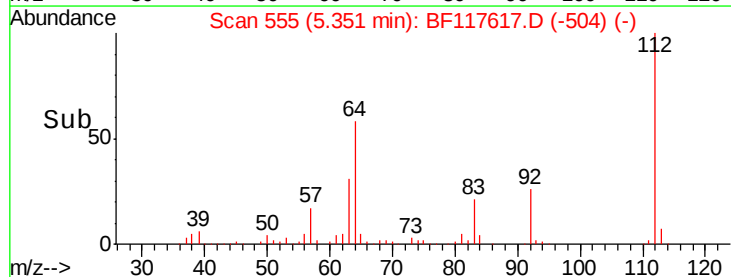
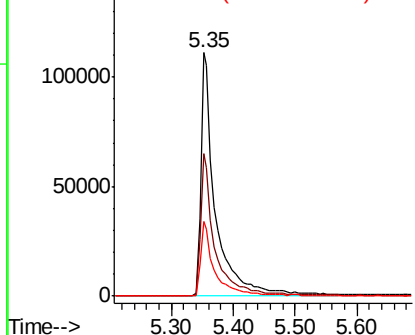
#5

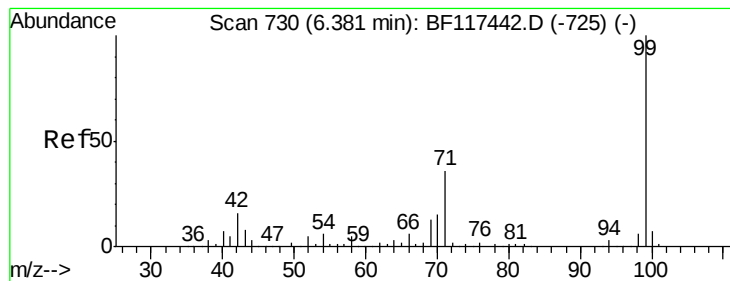
2-Fluorophenol
Concen: 78.353 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Tgt Ion:112 Resp: 188258
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 30.7 23.4 35.2



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: 86.914 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

Instrument :

BNA_F

ClientSampled :

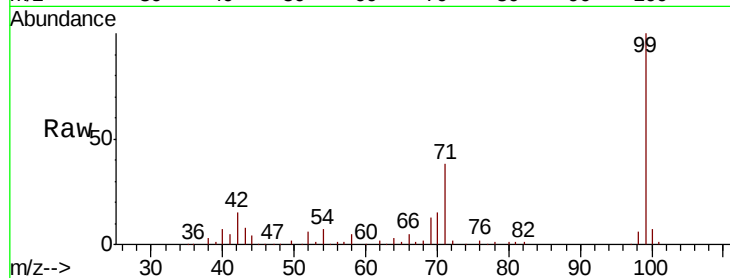
Tot Ion: 99 Resp: 280480

Ion Ratio Lower Upper

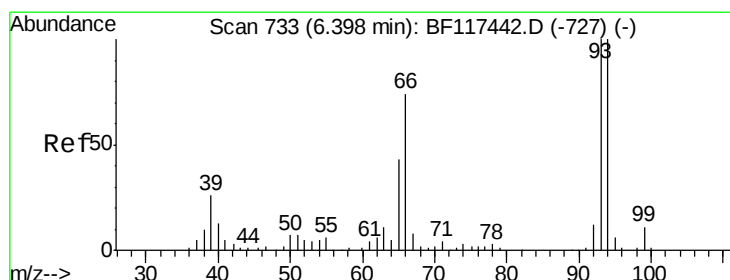
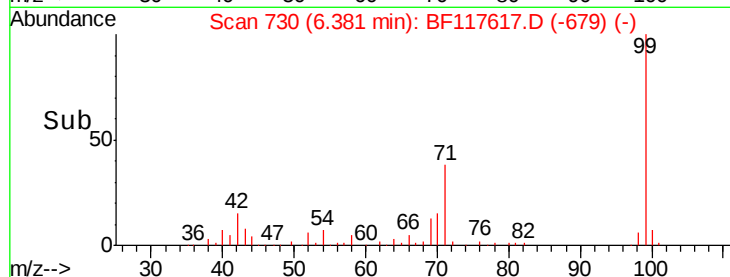
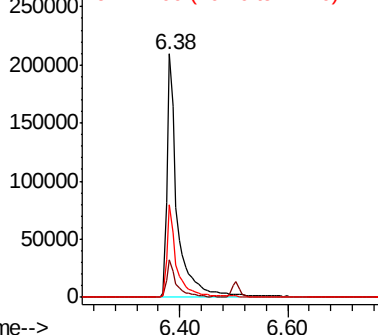
99 100

42 15.3 12.8 19.2

71 38.3 28.6 43.0



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



#10

Phenol

Concen: 3.609 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

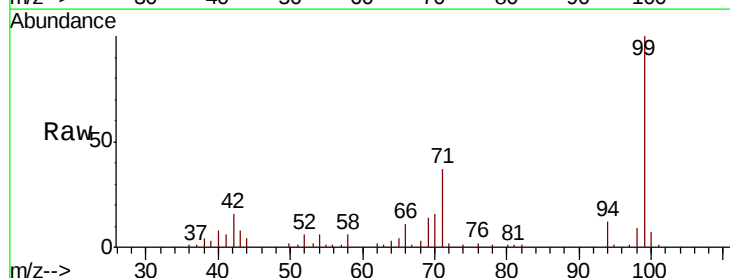
Tgt Ion: 94 Resp: 11886

Ion Ratio Lower Upper

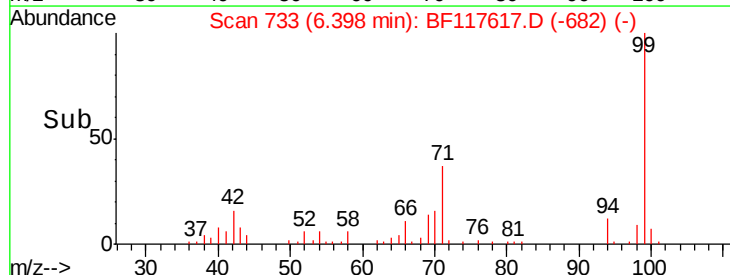
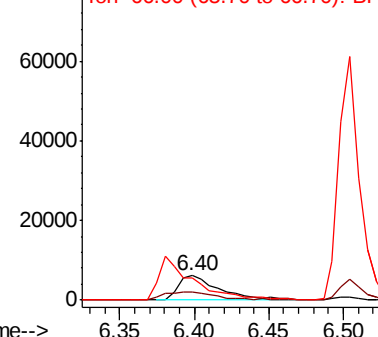
94 100

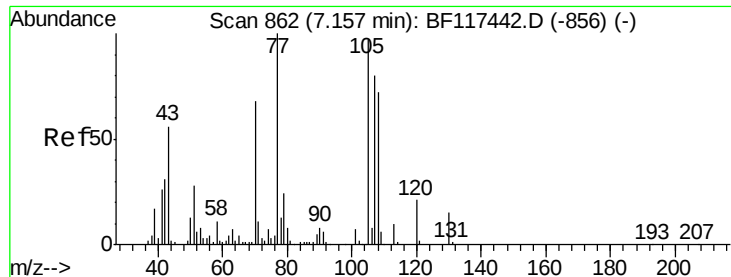
65 34.0 23.4 63.4

66 91.0 54.7 94.7



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

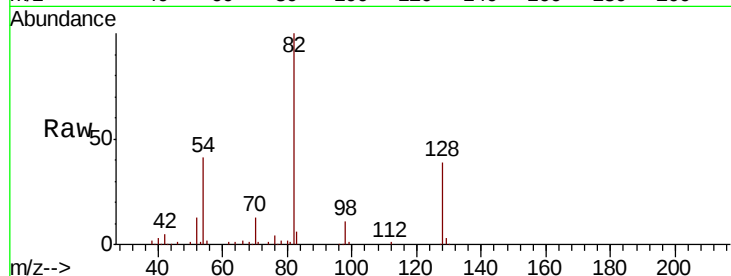




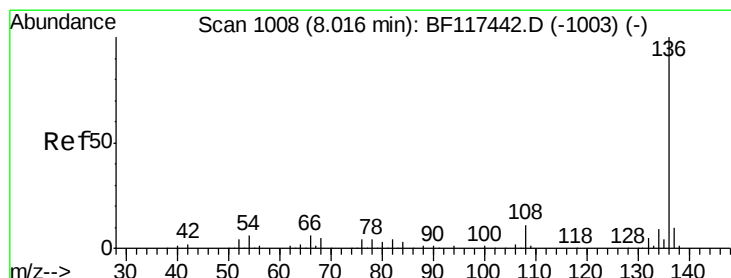
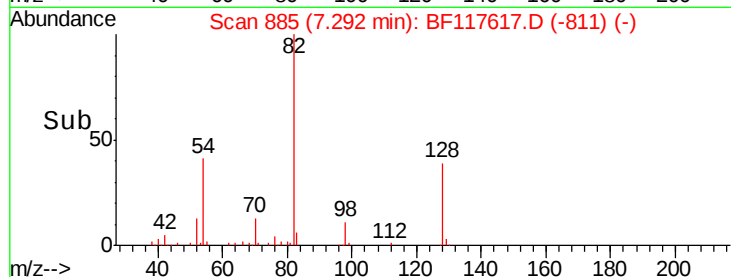
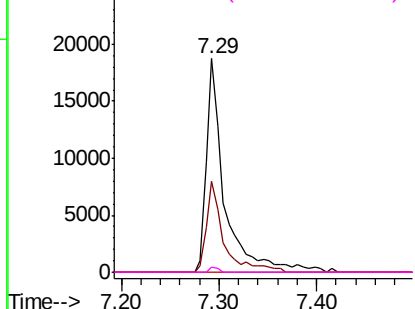
#19
n-Nitroso-di-n-propylamine
Concen: 12.405 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 24448
Ion Ratio Lower Upper
70 100
42 42.4 36.7 55.1
101 0.0 8.3 12.5#
130 2.3 18.1 27.1#

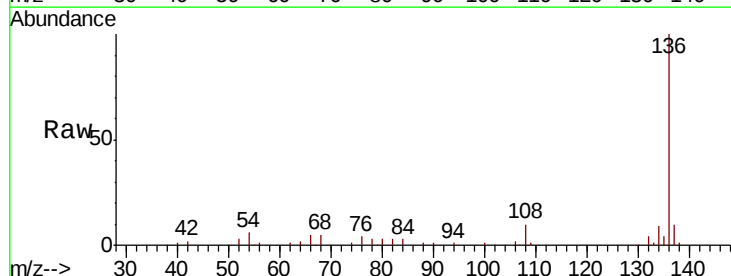


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

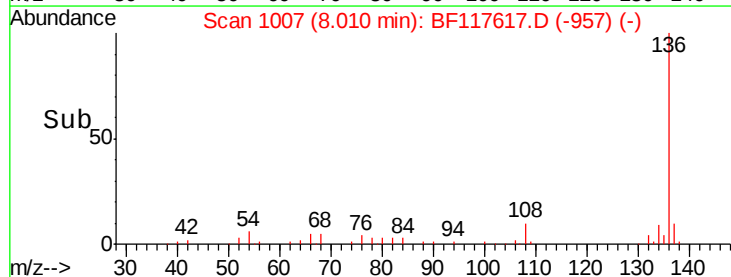
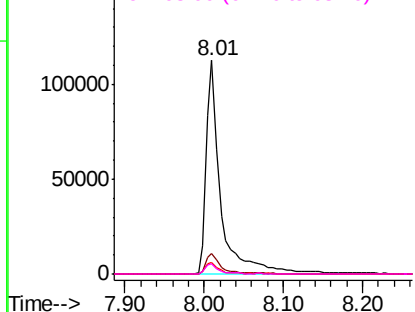


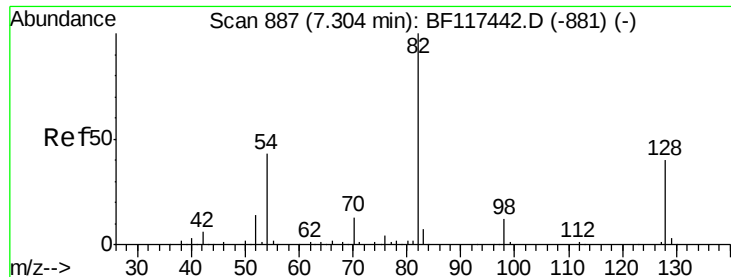
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Tgt Ion:136 Resp: 145407
Ion Ratio Lower Upper
136 100
137 9.9 8.2 12.4
54 5.6 4.5 6.7
68 4.8 4.3 6.5



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

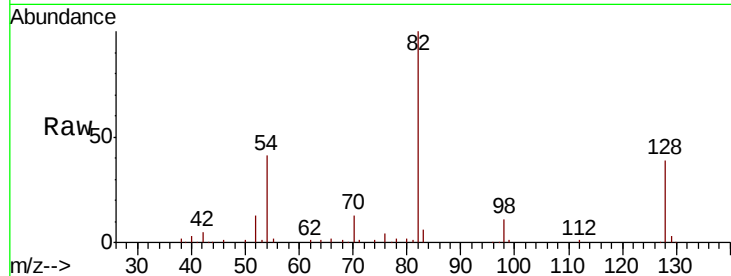




#23
Nitrobenzene-d5
Concen: 64.789 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	190829
Ion Ratio	100	Lower	Upper
128	39.1	32.2	48.2
54	41.3	34.2	51.2

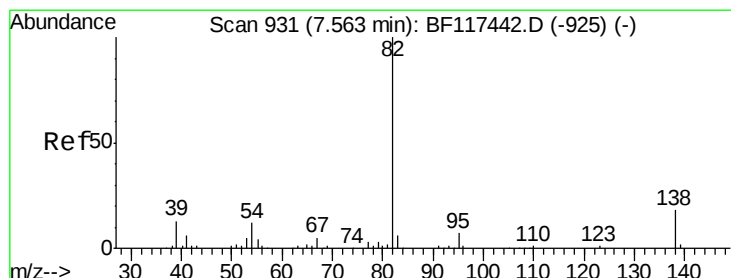
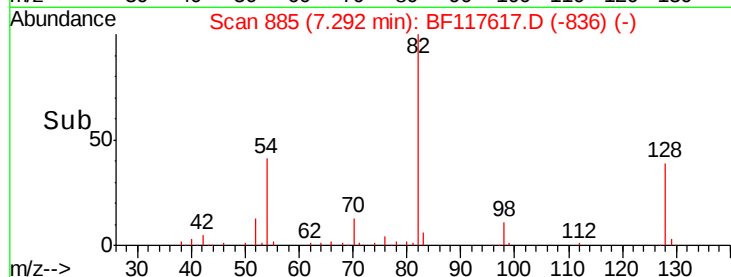
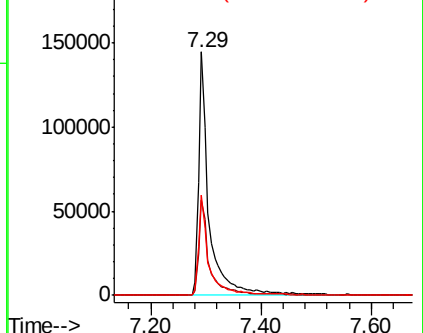


Abundance

Ion 82.00 (81.70 to 82.70): BF1

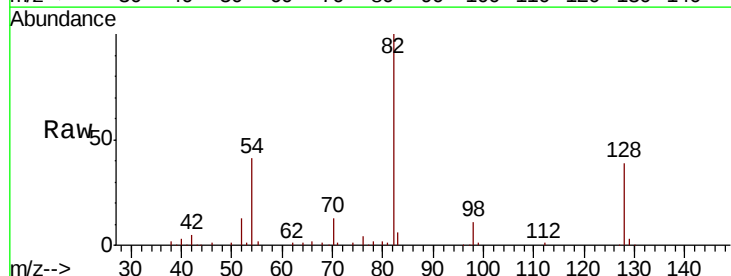
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25
Isophorone
Concen: 37.452 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Tgt Ion	82	Resp	190828
Ion Ratio	100	Lower	Upper
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

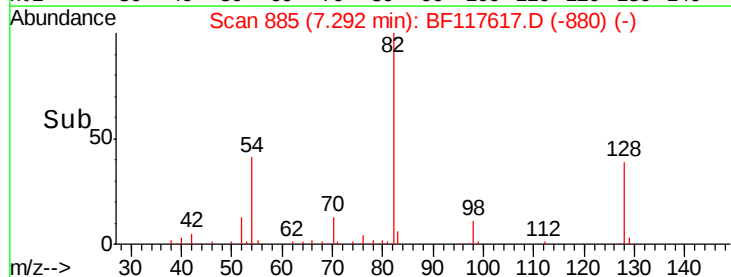
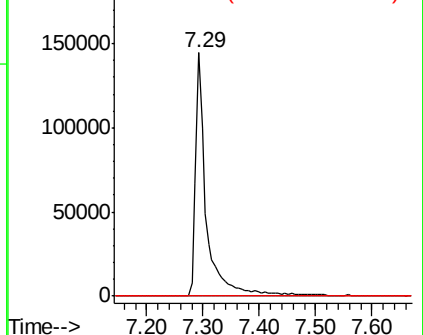


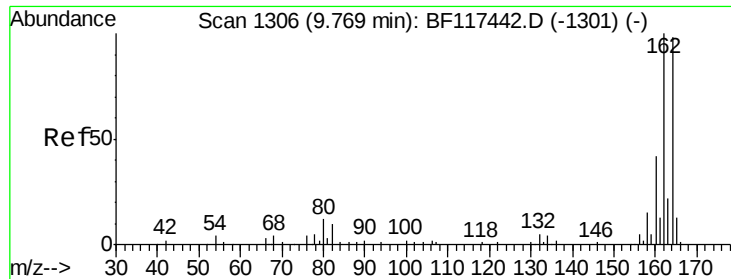
Abundance

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

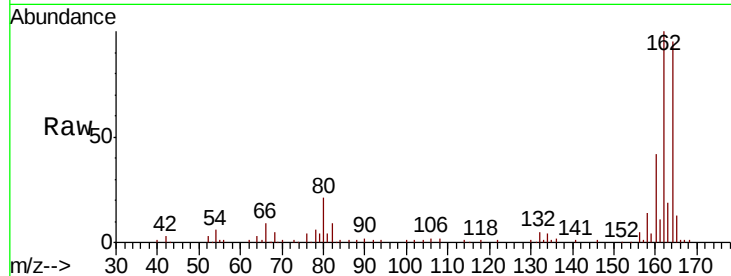




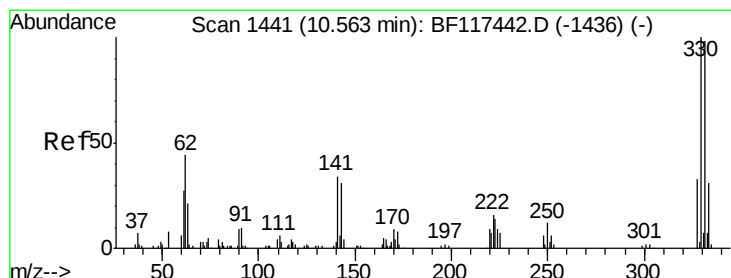
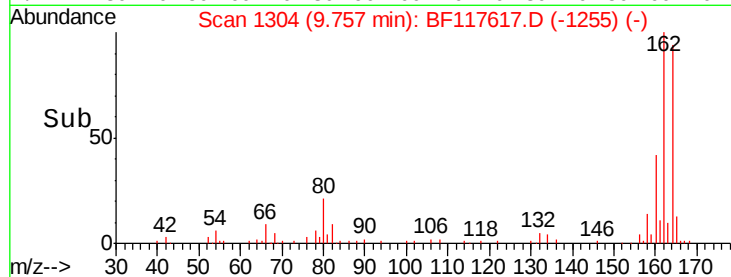
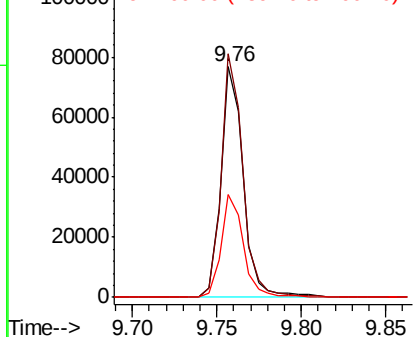
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 70820
Ion Ratio Lower Upper
164 100
162 105.7 81.8 122.6
160 44.6 34.4 51.6

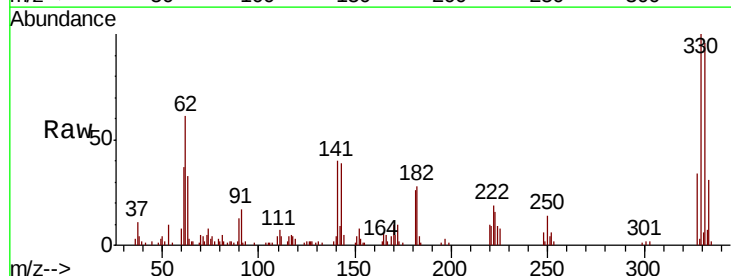


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

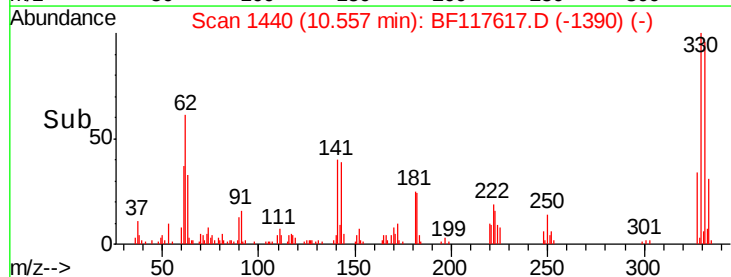
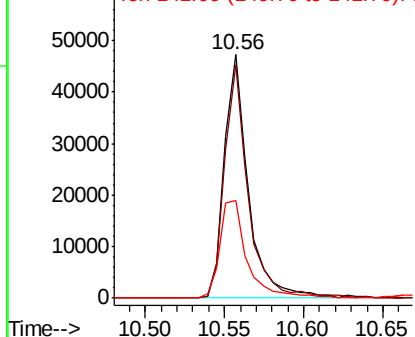


#42
2,4,6-Tribromophenol
Concen: 80.870 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Tgt Ion:330 Resp: 49555
Ion Ratio Lower Upper
330 100
332 94.6 78.5 117.7
141 45.4 37.0 55.6



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

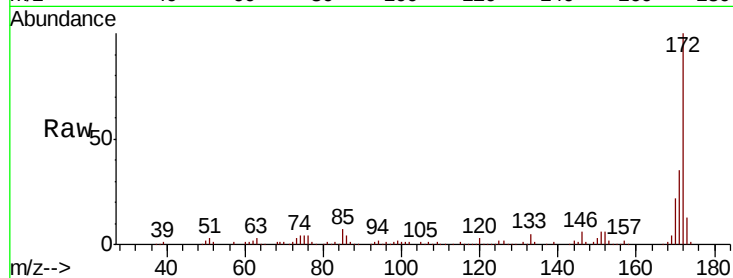




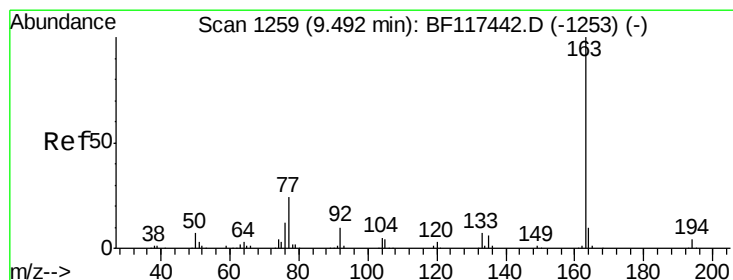
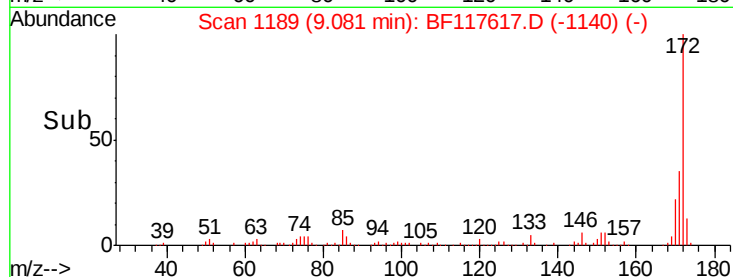
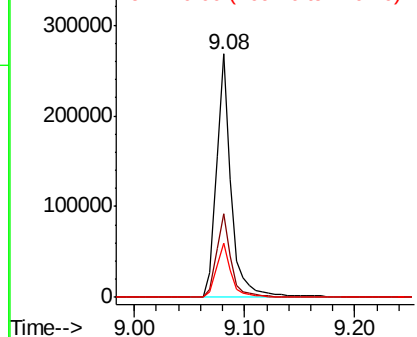
#45
2-Fluorobiphenyl
Concen: 48.863 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 245598
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 22.1 18.6 27.8

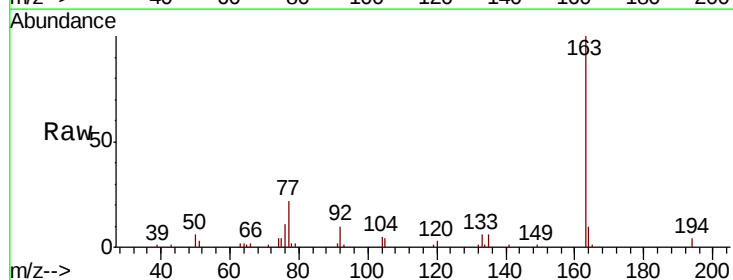


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

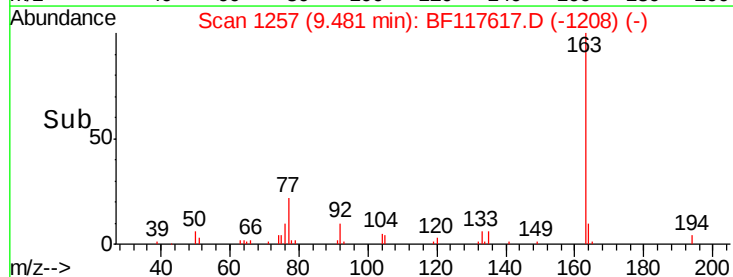
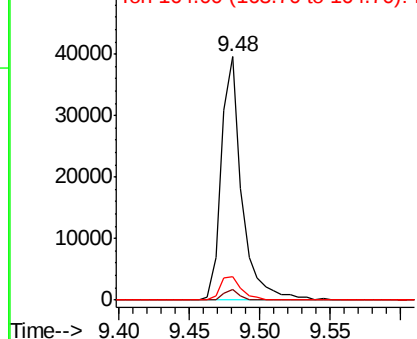


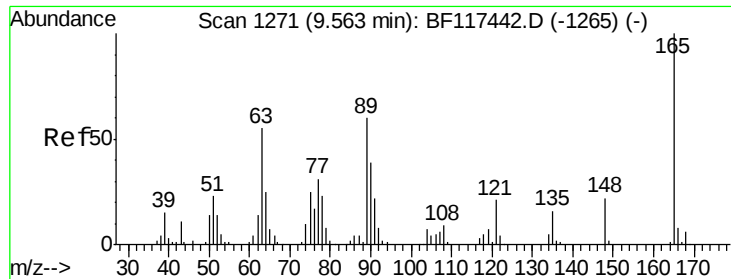
#50
Dimethylphthalate
Concen: 7.916 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Tgt Ion:163 Resp: 39968
Ion Ratio Lower Upper
163 100
194 4.4 2.9 4.3#
164 9.5 8.2 12.2



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

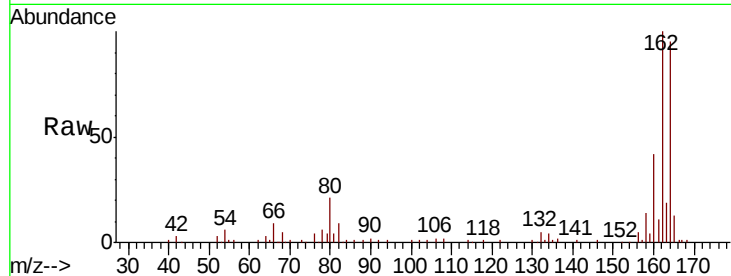




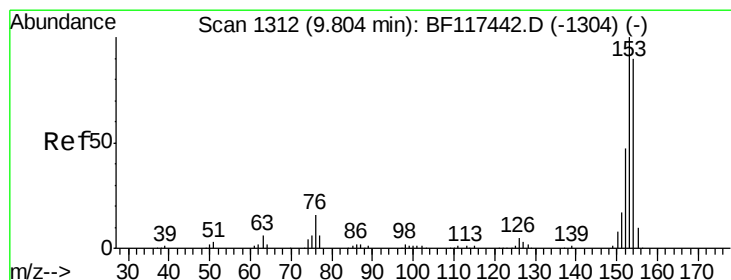
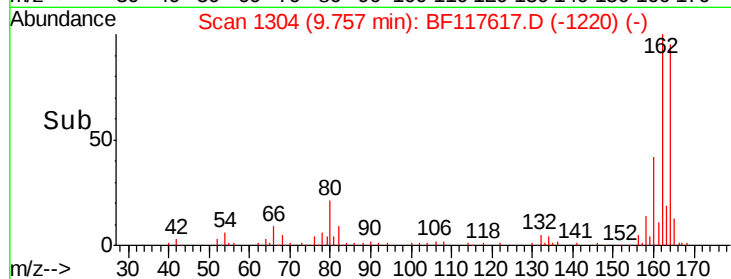
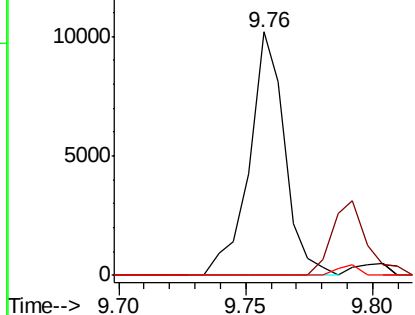
#51
 2,6-Dinitrotoluene
 Concen: 9.395 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.19 min
 Lab File: BF117617.D
 Acq: 30 Oct 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 9898
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.8 65.8#
 89 0.0 47.6 71.4#

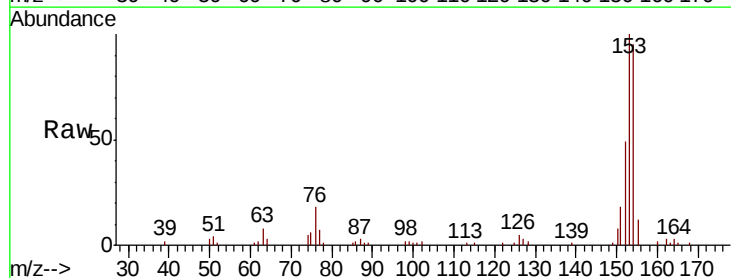


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

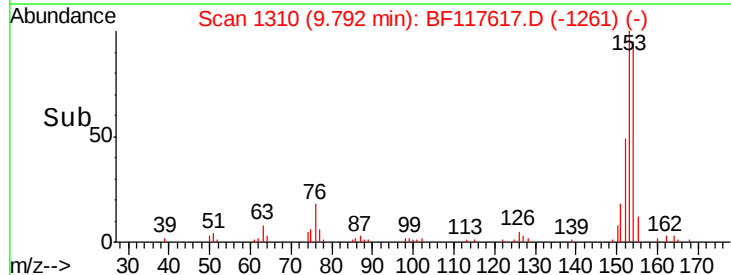
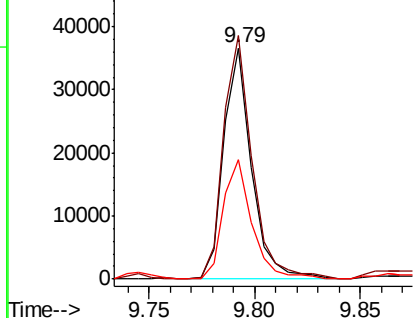


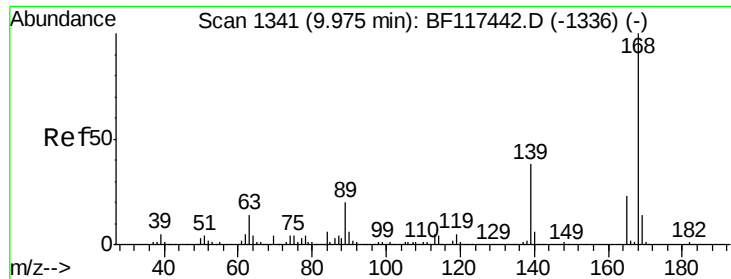
#52
 Acenaphthene
 Concen: 8.405 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF117617.D
 Acq: 30 Oct 2019 11:59

Tgt Ion:154 Resp: 33483
 Ion Ratio Lower Upper
 154 100
 153 105.4 89.2 133.8
 152 51.6 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

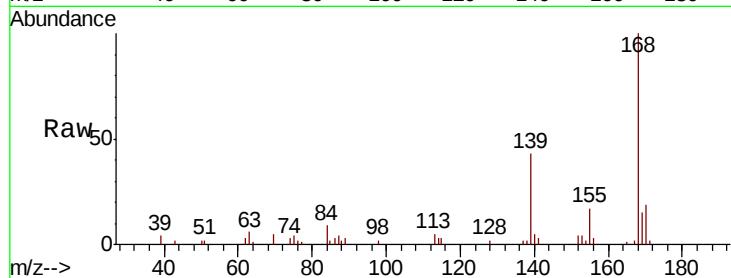




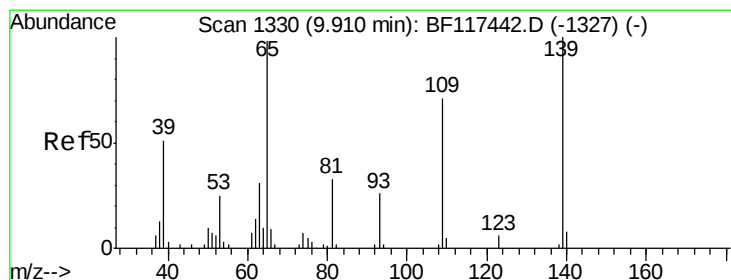
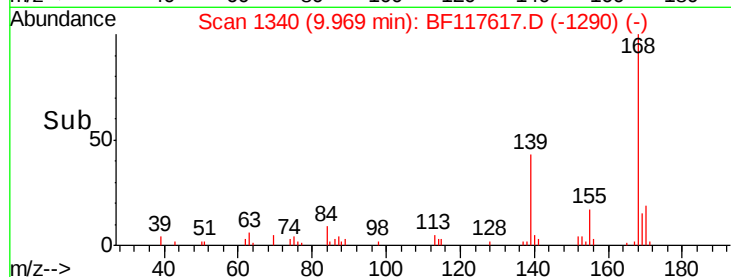
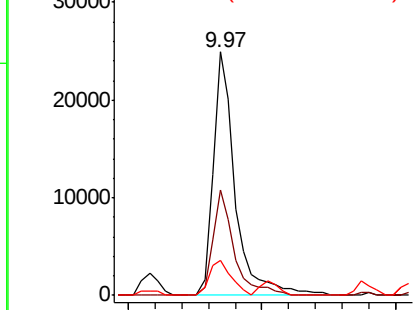
#55
Dibenzenofuran
Concen: 4.973 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 28704
Ion Ratio Lower Upper
168 100
139 43.4 31.8 47.6
169 14.5 11.2 16.8

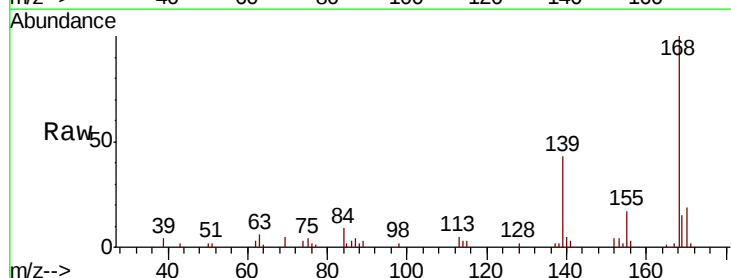


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

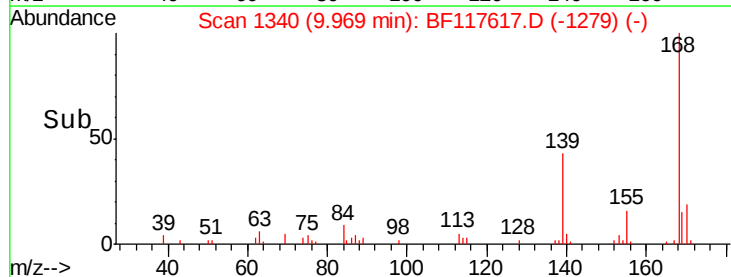
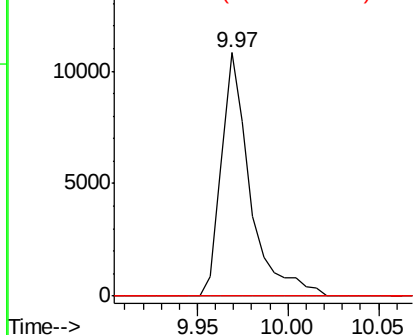


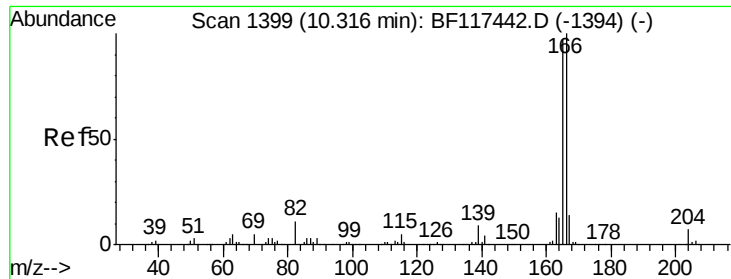
#56
4-Nitrophenol
Concen: 23.300 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Tgt Ion:139 Resp: 11894
Ion Ratio Lower Upper
139 100
109 0.0 51.4 91.4#
65 0.0 79.4 119.4#



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: 11.079 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

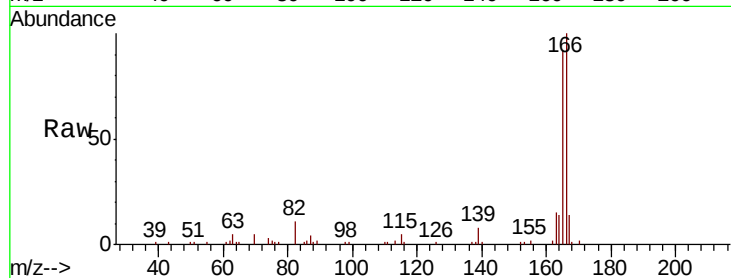
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 52880

Ion	Ratio	Lower	Upper
166	100		
165	91.7	77.6	116.4
167	14.0	11.0	16.4

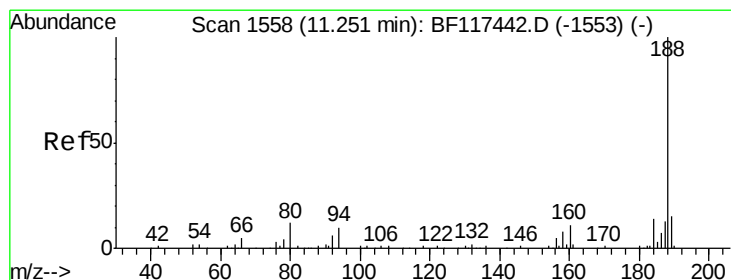
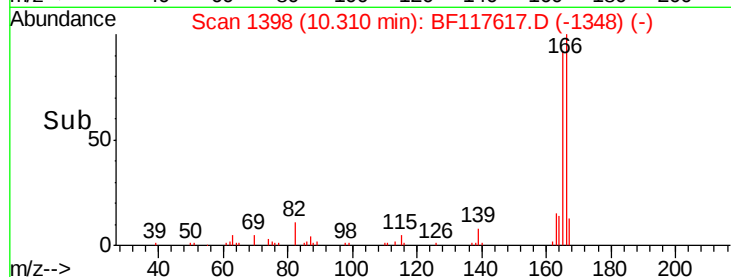
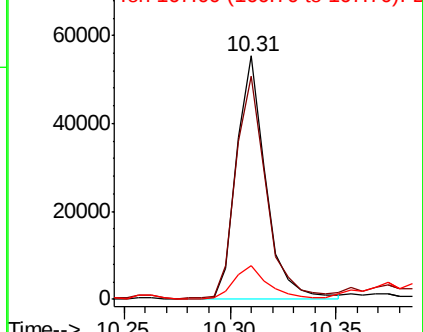


Abundance

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: 11.25 min Scan# 1558

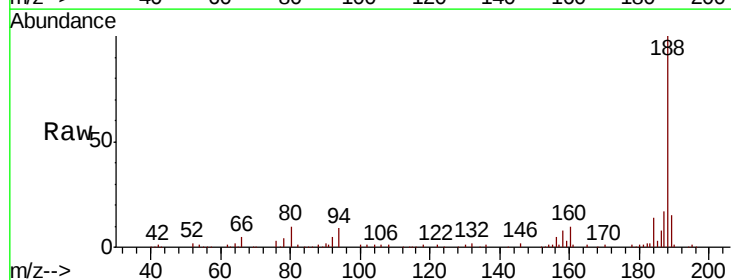
Delta R.T. 0.00 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

Tgt Ion:188 Resp: 109937

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	10.0	9.5	14.3

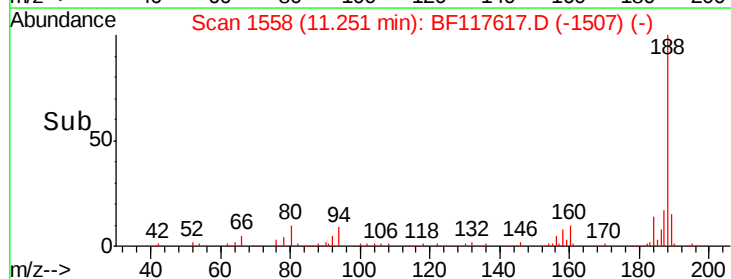
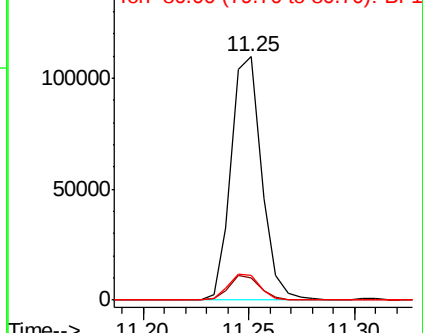


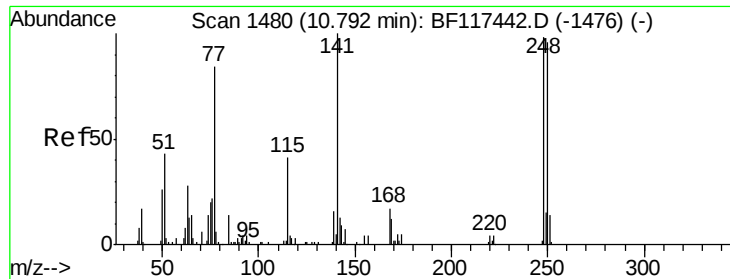
Abundance

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: 2.750 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

Instrument :

BNA_F

ClientSampled :

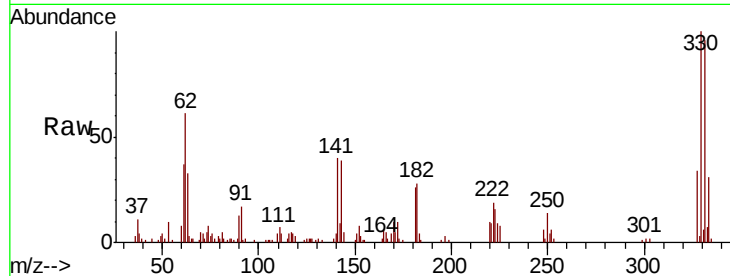
Tot Ion:248 Resp: 3256

Ion Ratio Lower Upper

248 100

250 218.3 78.0 117.0#

141 620.9 81.7 122.5#

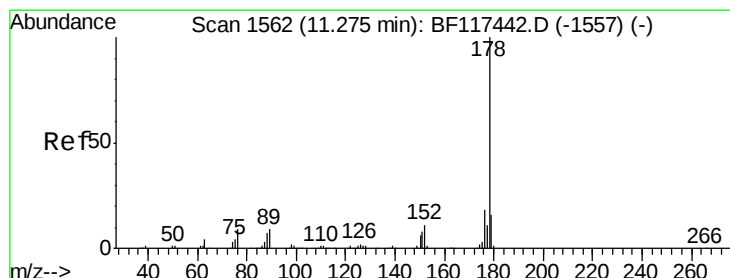
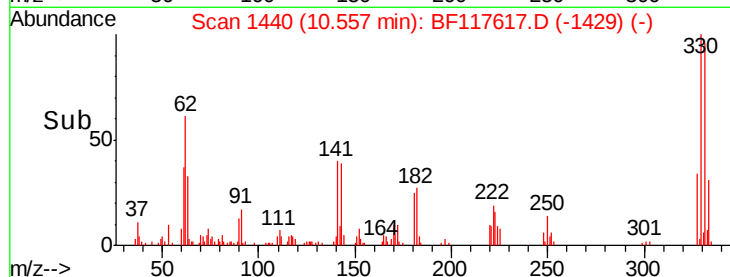
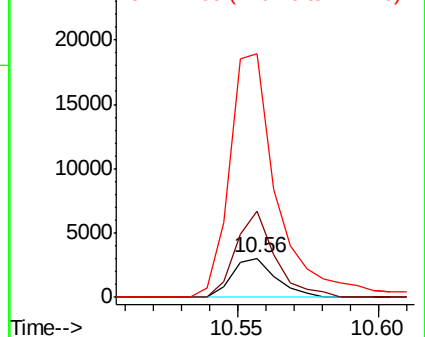


Abundance

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: 129.838 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

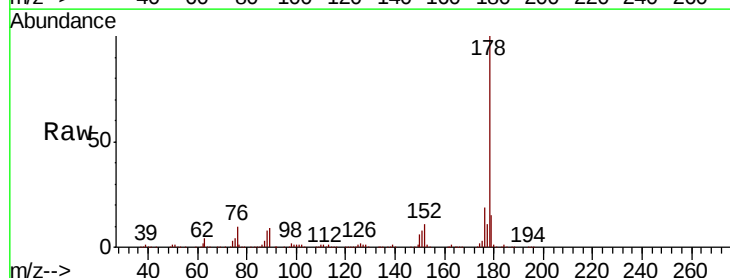
Tgt Ion:178 Resp: 828838

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

179 15.4 12.6 19.0

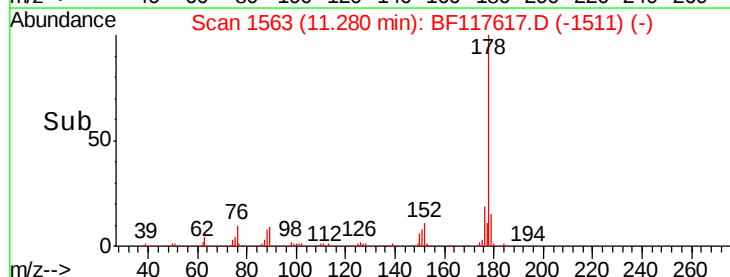
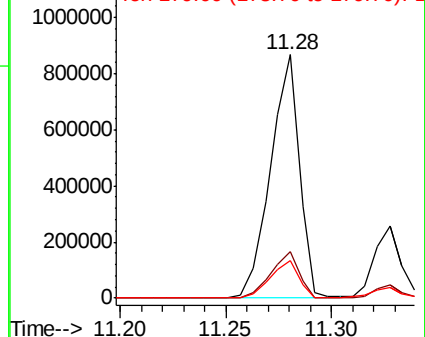


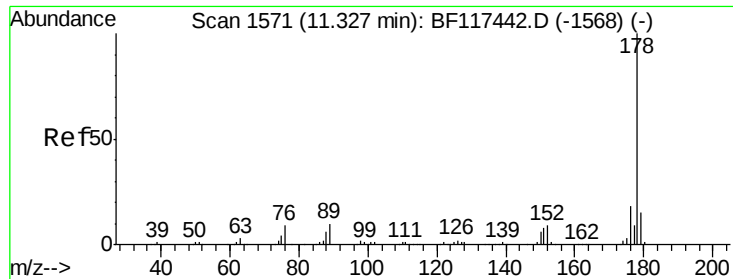
Abundance

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

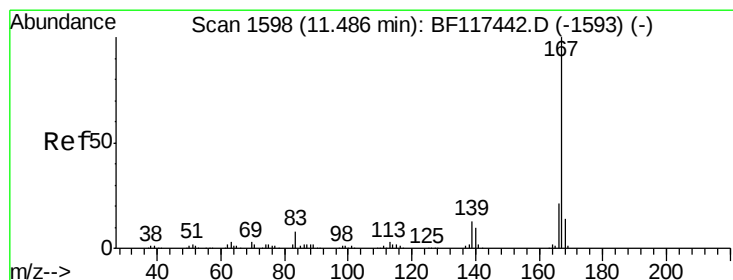
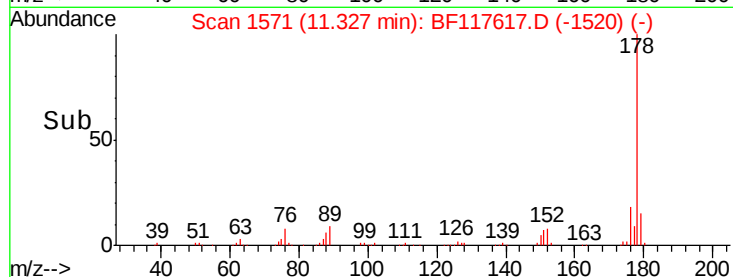
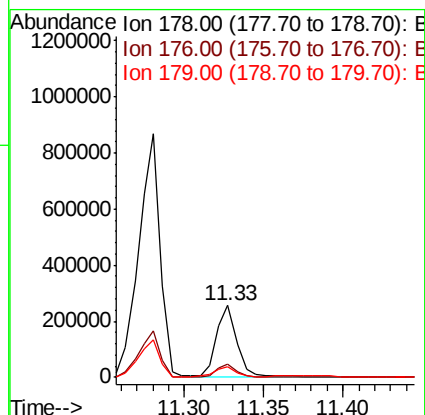
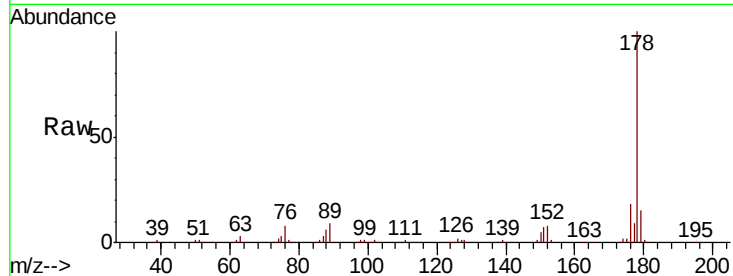




#72
 Anthracene
 Concen: 35.454 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF117617.D
 Acq: 30 Oct 2019 11:59

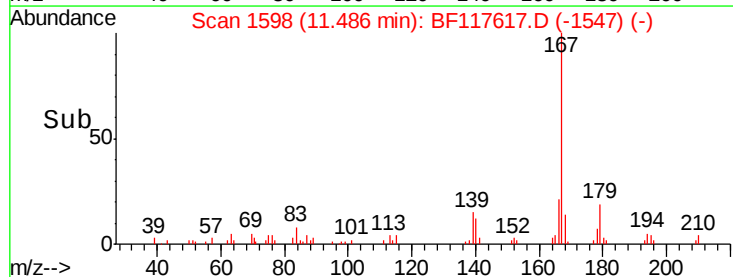
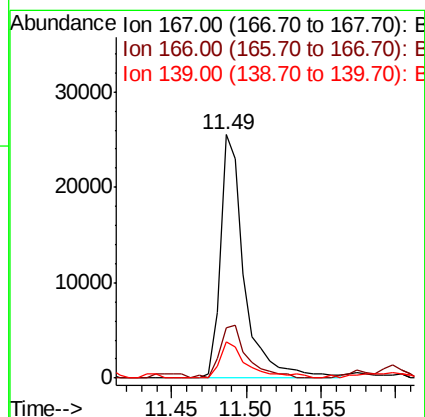
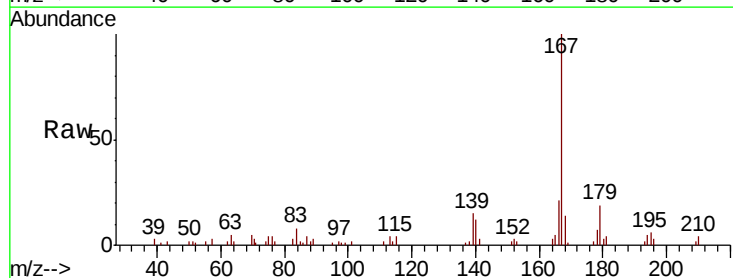
Instrument :
 BNA_F
 ClientSampled :

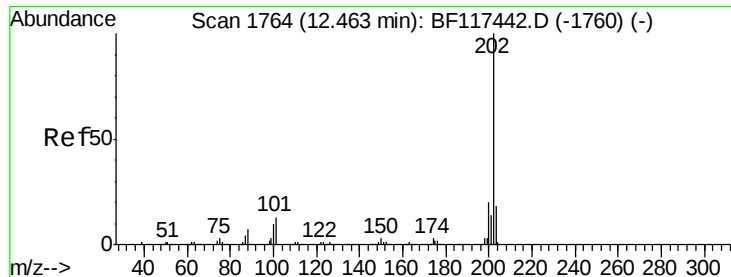
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.7	22.1
179	15.2	12.2	18.2



#73
 Carbazole
 Concen: 4.794 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117617.D
 Acq: 30 Oct 2019 11:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.0	25.6
139	14.9	10.6	16.0





#75

Fluoranthene

Concen: 135.794 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

Instrument :

BNA_F

ClientSampled :

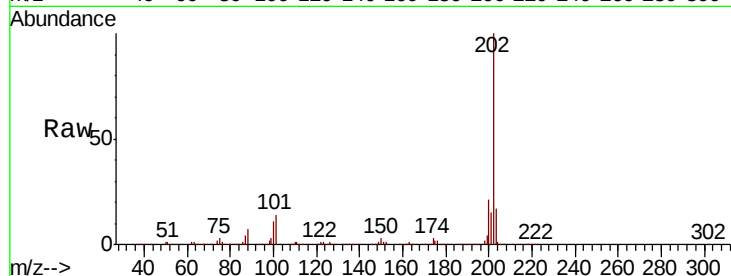
Tot Ion:202 Resp: 867796

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.7

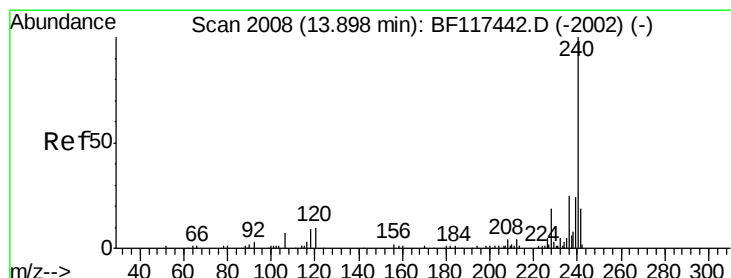
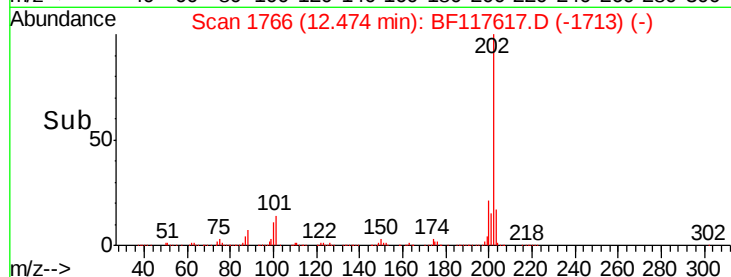
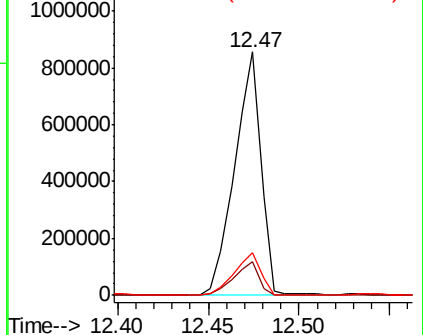
203 17.5 0.0 37.6



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: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

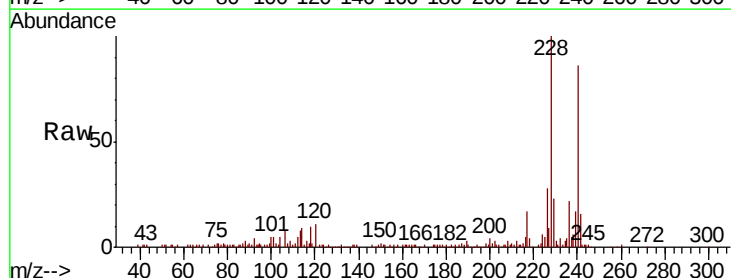
Tgt Ion:240 Resp: 77461

Ion Ratio Lower Upper

240 100

120 13.3 8.4 12.6#

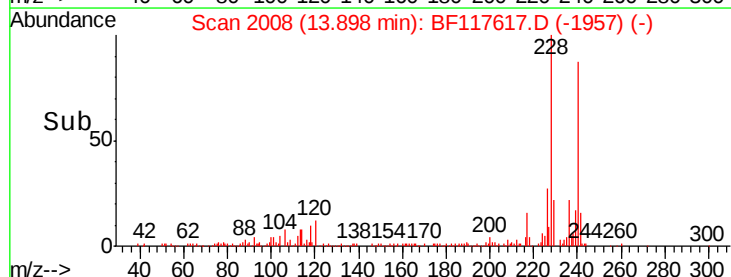
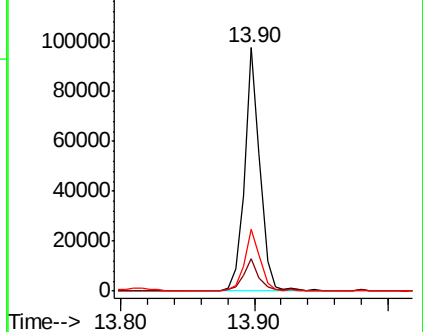
236 25.2 20.0 30.0

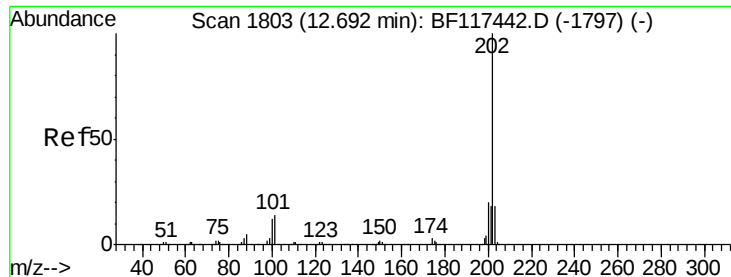


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

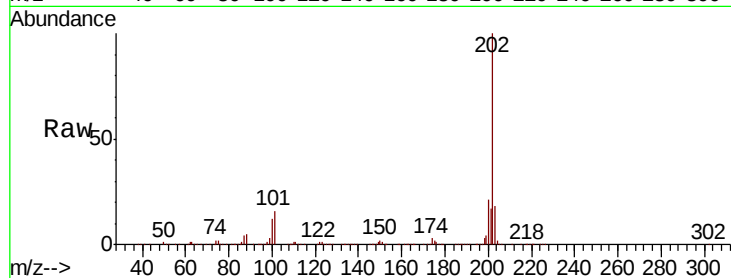




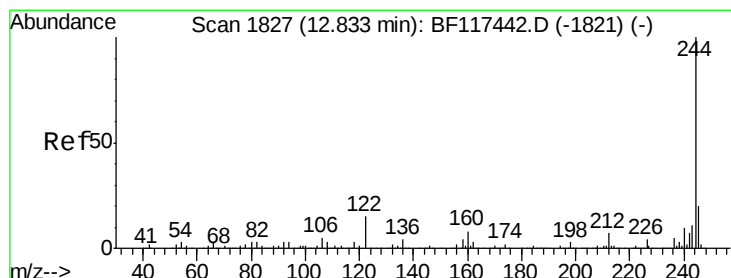
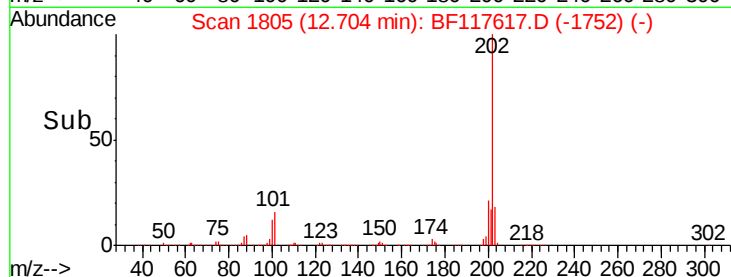
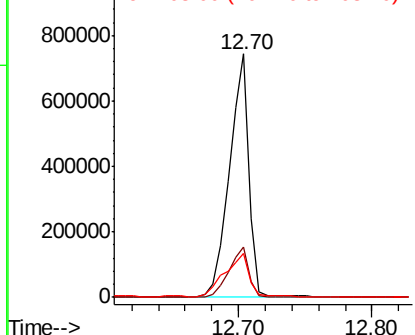
#78
Pvrene
Concen: 114.265 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 760258
Ion Ratio Lower Upper
202 100
200 20.7 16.2 24.2
203 18.0 14.0 21.0

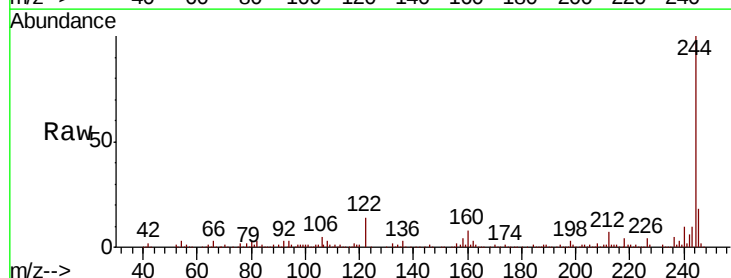


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

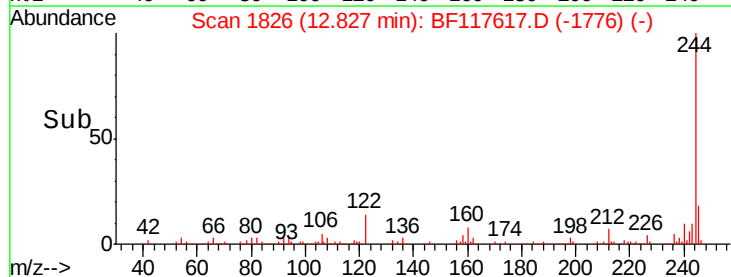
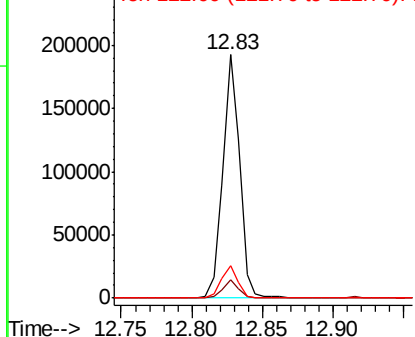


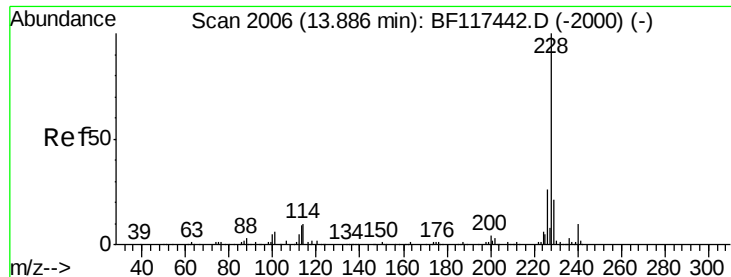
#79
Terphenyl-d14
Concen: 33.758 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Tgt Ion:244 Resp: 160316
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 13.5 11.8 17.8



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: 66.988 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

Instrument :

BNA_F

ClientSampleId :

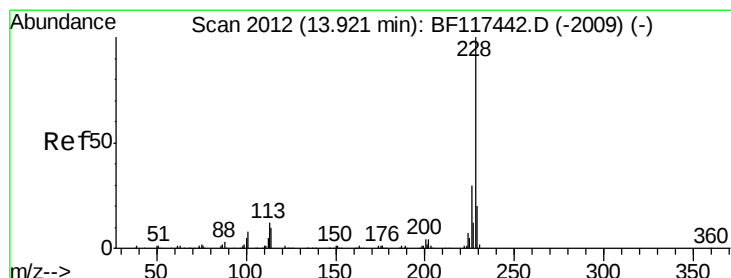
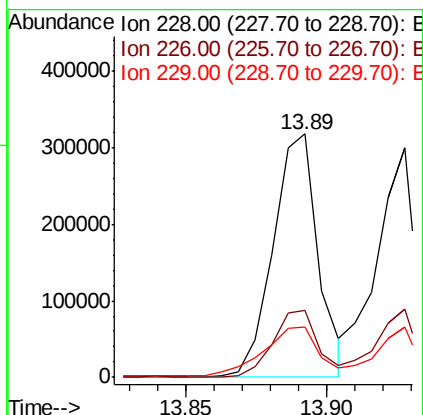
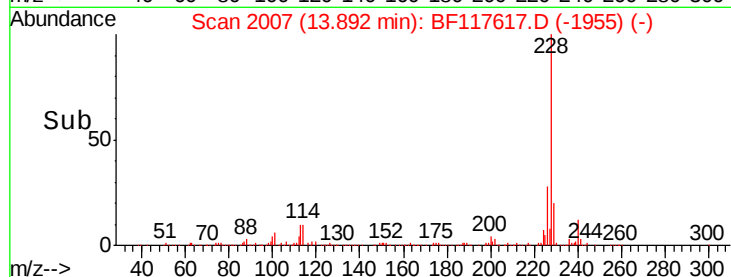
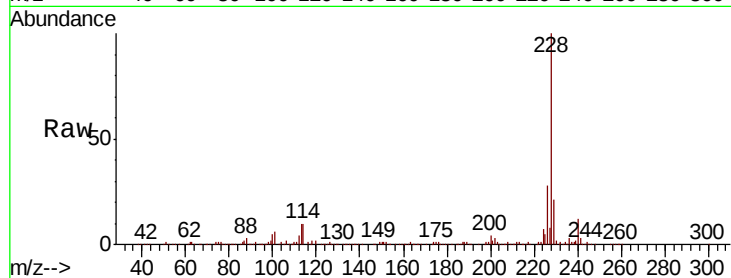
Tot Ion:228 Resp: 350018

Ion Ratio Lower Upper

228 100

226 27.7 21.0 31.4

229 20.5 16.4 24.6



#83

Chrysene

Concen: 56.454 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

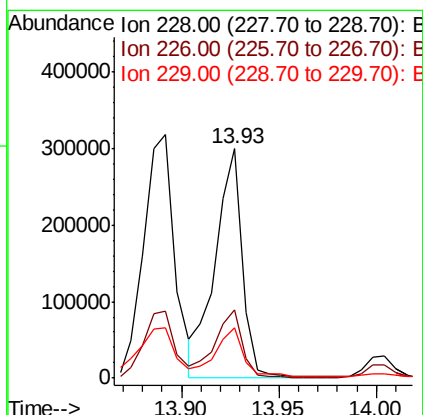
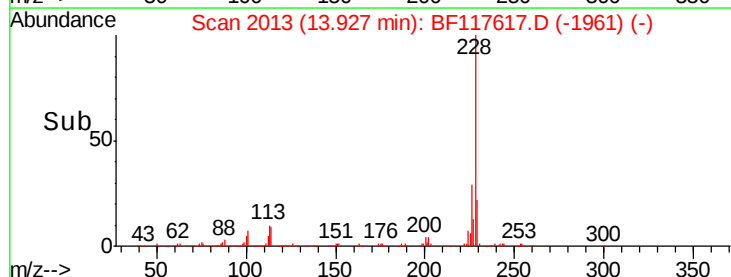
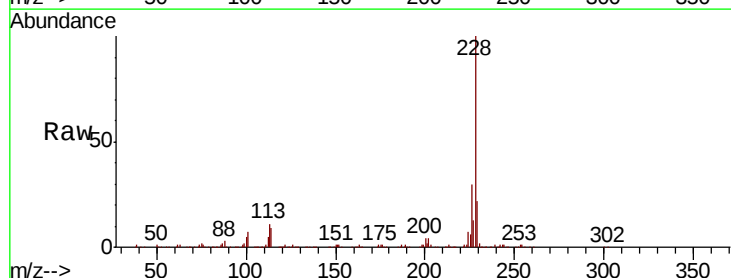
Tgt Ion:228 Resp: 289095

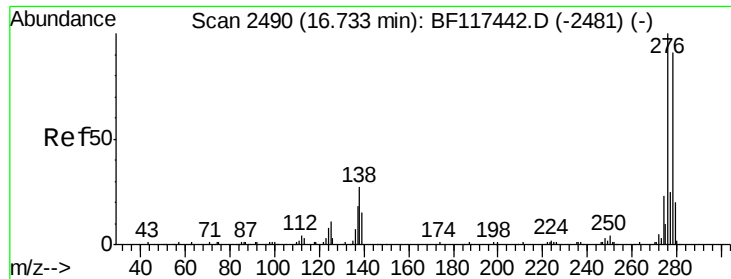
Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 21.8 15.8 23.6

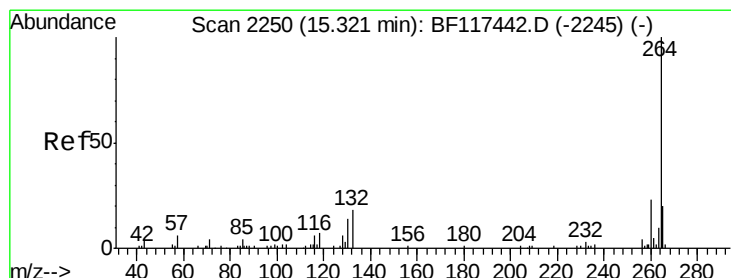
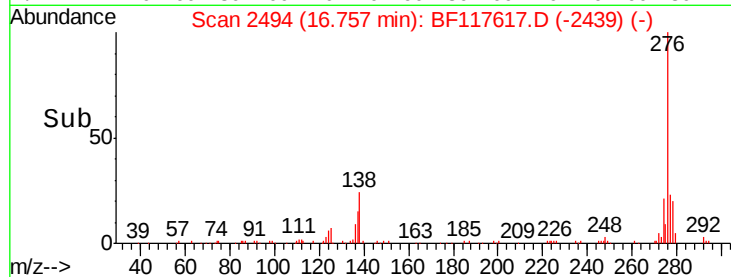
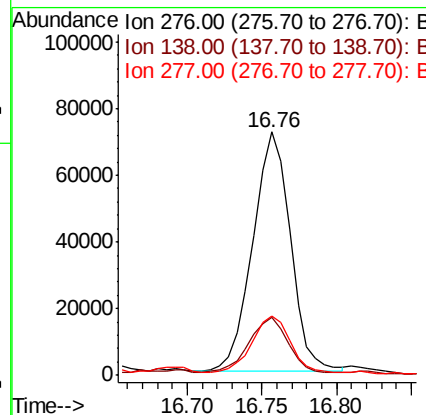
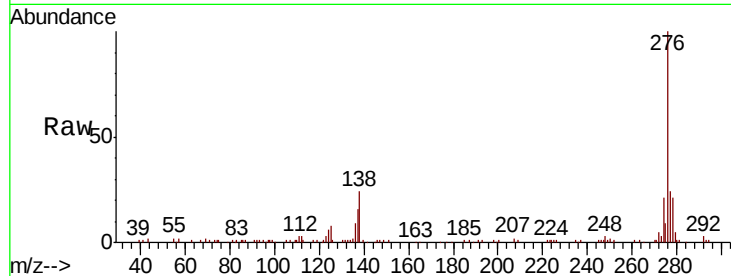




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 32.961 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. 0.02 min
 Lab File: BF117617.D
 Acq: 30 Oct 2019 11:59

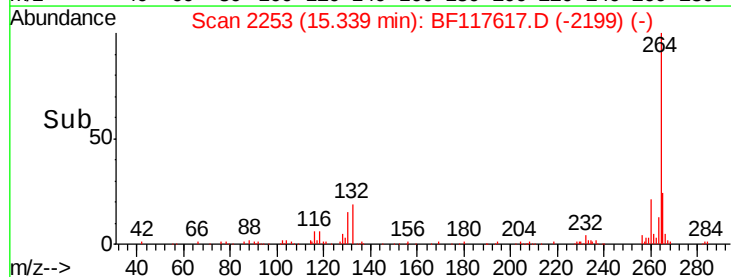
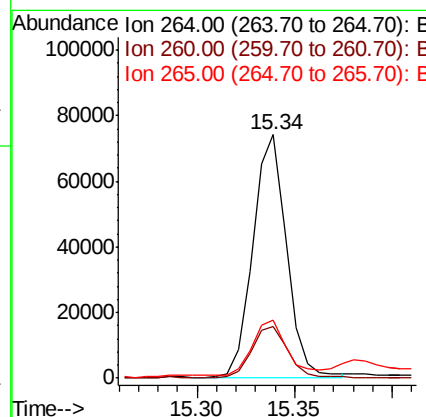
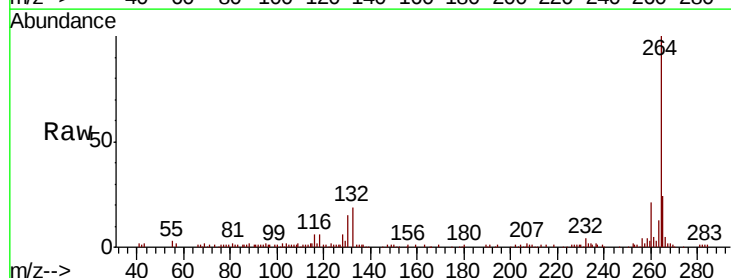
Instrument :
 BNA_F
 ClientSampleId :

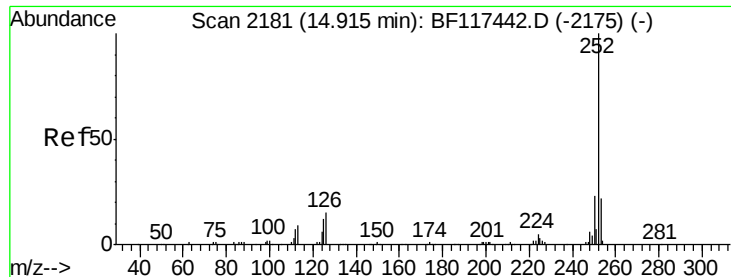
Tot Ion:276	Resp:	126019
Ion Ratio	Lower	Upper
276	100	
138	24.2	21.8 32.8
277	23.8	20.0 30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117617.D
 Acq: 30 Oct 2019 11:59

Tgt Ion:264	Resp:	87887
Ion Ratio	Lower	Upper
264	100	
260	21.3	18.4 27.6
265	23.6	16.1 24.1





#88

Benzo(b)fluoranthene

Concen: 83.881 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.02 min

Lab File: BF117617.D

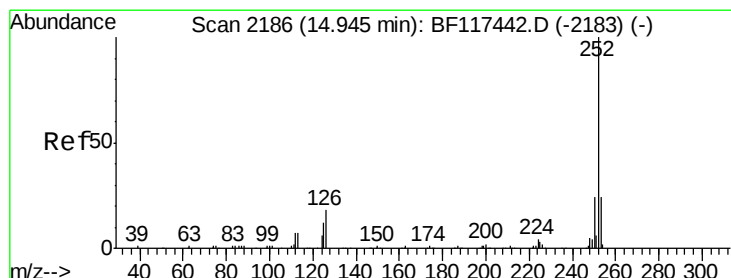
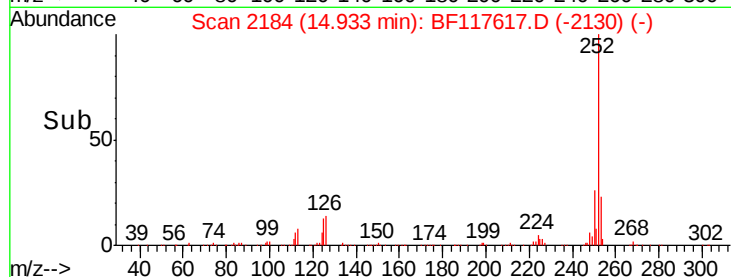
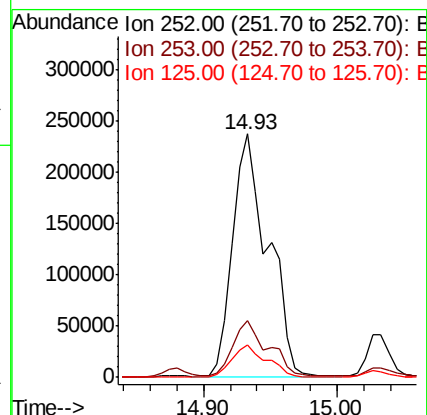
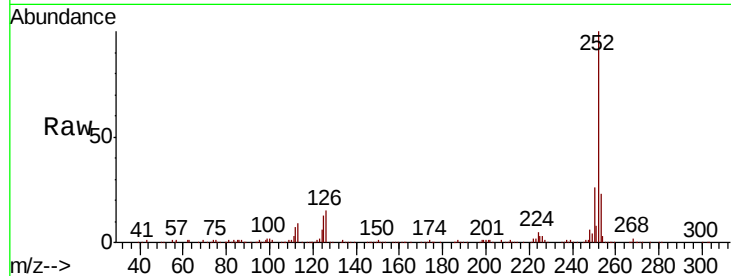
Acq: 30 Oct 2019 11:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	435327
Ion Ratio	Lower	Upper
252	100	
253	23.4	17.8 26.6
125	13.4	9.9 14.9



#89

Benzo(k)fluoranthene

Concen: 81.840 ng

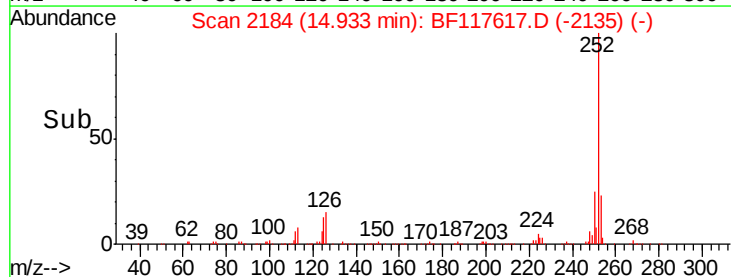
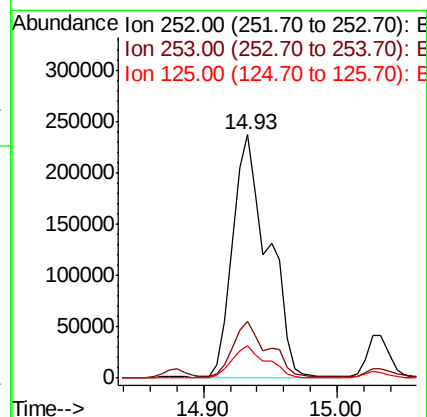
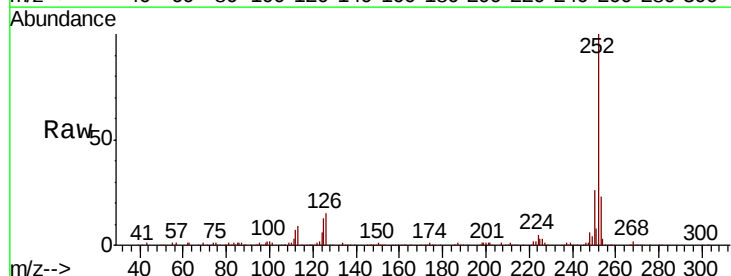
RT: 14.93 min Scan# 2184

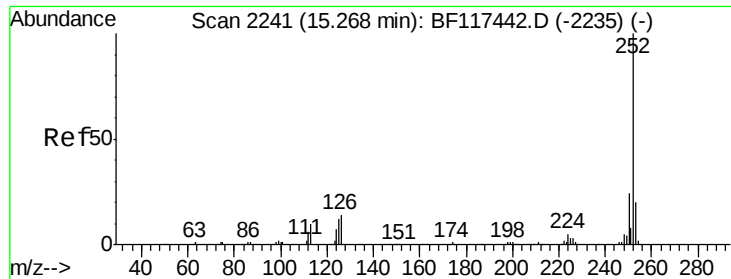
Delta R.T. -0.01 min

Lab File: BF117617.D

Acq: 30 Oct 2019 11:59

Tgt Ion:252	Resp:	435327
Ion Ratio	Lower	Upper
252	100	
253	23.4	18.0 27.0
125	13.4	8.9 13.3#

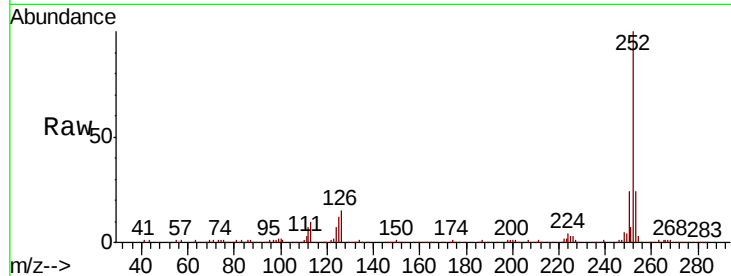




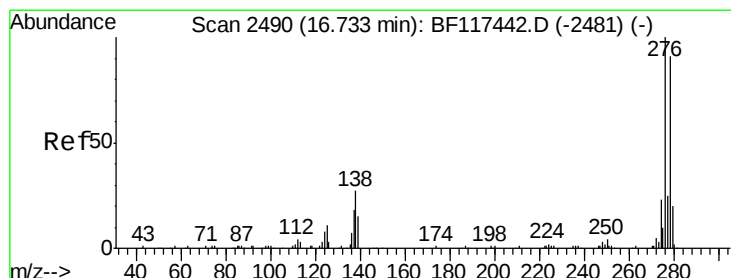
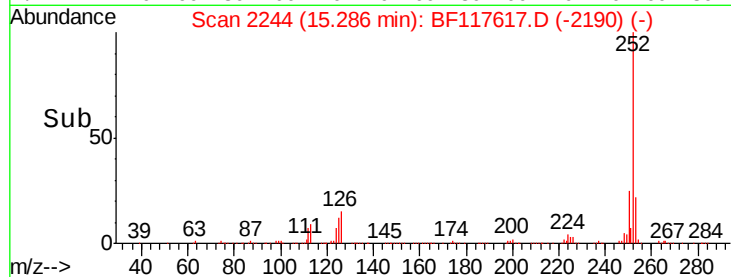
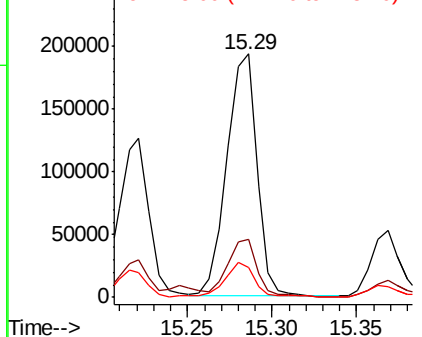
#90
Benzo(a)pyrene
Concen: 51.135 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.02 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 241287
Ion Ratio Lower Upper
252 100
253 23.6 16.3 24.5
125 12.5 9.2 13.8

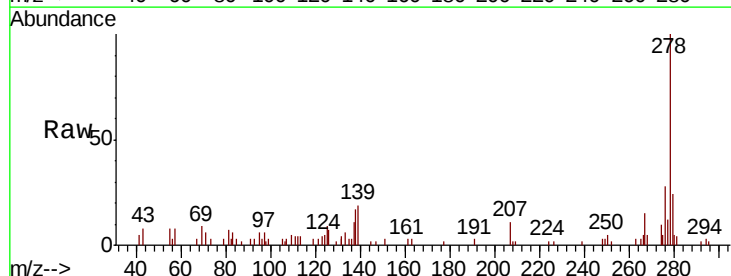


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

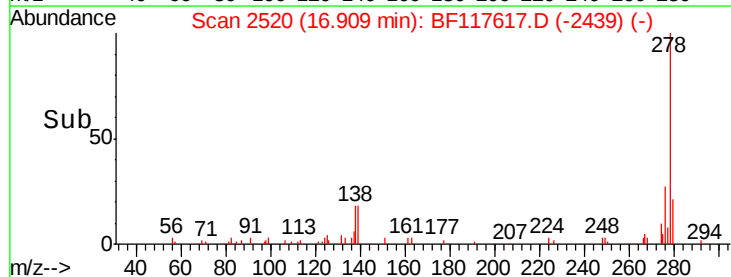
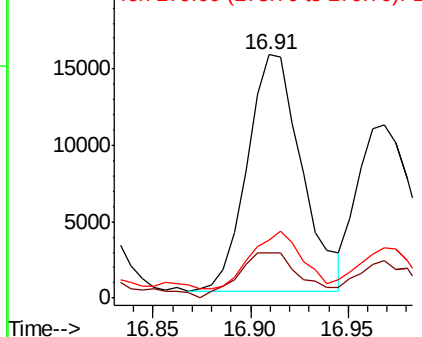


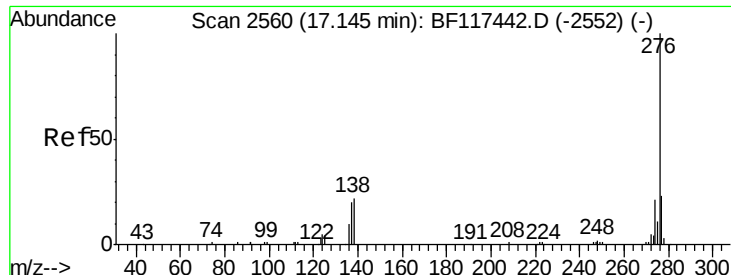
#91
Dibenzo(a,h)anthracene
Concen: 7.390 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.18 min
Lab File: BF117617.D
Acq: 30 Oct 2019 11:59

Tgt Ion:278 Resp: 30151
Ion Ratio Lower Upper
278 100
139 18.7 13.4 20.0
279 24.1 17.8 26.6



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

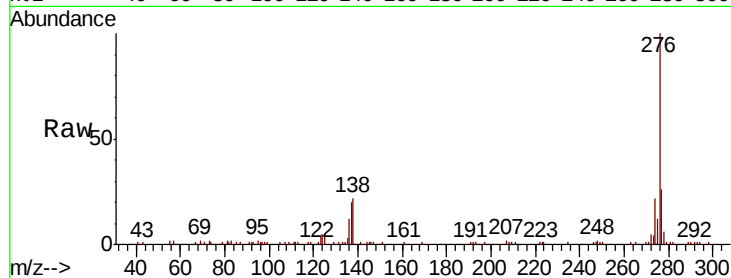




#92
 Benzo(a,h,i)perylene
 Concen: 30.513 ng
 RT: 17.19 min Scan# 2567
 Delta R.T. 0.04 min
 Lab File: BF117617.D
 Acq: 30 Oct 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.4	27.6
138	22.4	17.8	26.6



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

