

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
 Data File : BF117891.D
 Acq On : 20 Nov 2019 14:25
 Operator : JU
 Sample : K5676-16DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 15:00:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135652	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	505190	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	235798	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	378185	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	316252	20.00	ng	0.00
87) Perylene-d12	15.62	264	386517	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	196386	25.63	ng	-0.01
7) Phenol-d6	6.53	99	253199	27.39	ng	-0.02
23) Nitrobenzene-d5	7.47	82	147412	17.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	54734	21.93	ng	-0.02
45) 2-Fluorobiphenyl	9.28	172	286624	21.81	ng	-0.01
79) Terphenyl-d14	13.04	244	250577	14.48	ng	-0.01

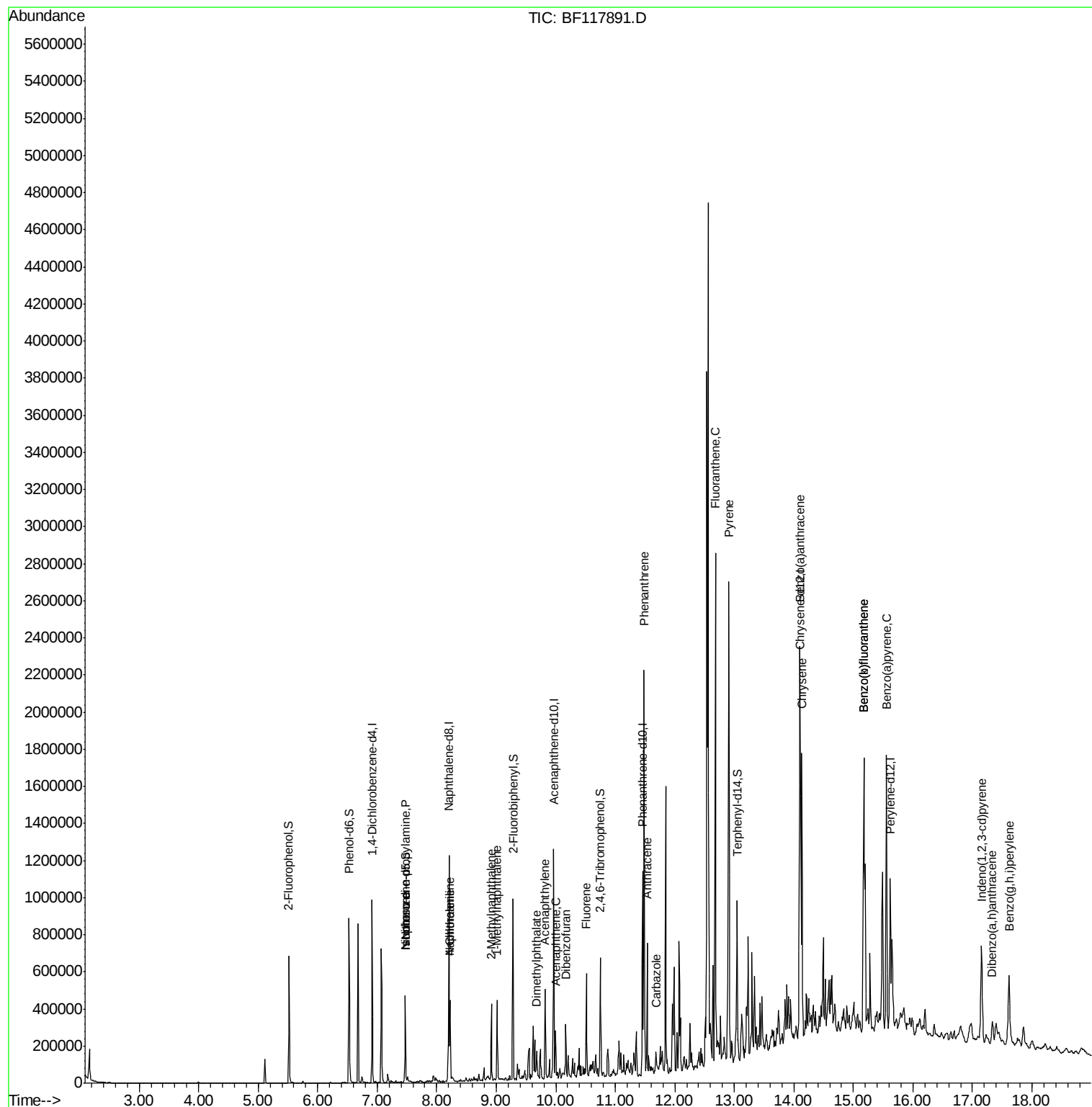
Target Compounds				Qvalue		
9) Benzaldehyde	6.53	77	764	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.47	70	20312	3.562 ng	#	75
25) Isophorone	7.47	82	145464	9.339 ng	#	62
31) Naphthalene	8.22	128	173296	7.358 ng		97
33) 4-Chloroaniline	8.22	127	22289	2.114 ng	#	34
37) 2-Methylnaphthalene	8.92	142	102219	6.424 ng		100
38) 1-Methylnaphthalene	9.02	142	98802	6.567 ng		100
49) Acenaphthylene	9.82	152	176065	8.391 ng		97
50) Dimethylphthalate	9.67	163	45252	2.737 ng		97
52) Acenaphthene	10.00	154	46369	3.450 ng		96
55) Dibenzofuran	10.17	168	75915	4.079 ng		98
58) Fluorene	10.52	166	164426	11.400 ng		98
71) Phenanthrene	11.48	178	769844	40.488 ng		98
72) Anthracene	11.53	178	253148	13.428 ng		96
73) Carbazole	11.69	167	38569	2.341 ng		99
75) Fluoranthene	12.68	202	1014343	61.310 ng		98
78) Pyrene	12.91	202	1009070	39.482 ng		100
81) Benzo(a)anthracene	14.10	228	692749	33.148 ng		94
83) Chrysene	14.13	228	526361	25.992 ng		98
86) Indeno(1,2,3-cd)pyrene	17.15	276	351732	20.408 ng		94
88) Benzo(b)fluoranthene	15.17	252	1198972	47.745 ng		100
89) Benzo(k)fluoranthene	15.17	252	1198196	50.639 ng		99
90) Benzo(a)pyrene	15.56	252	695755	31.508 ng		98
91) Dibenzo(a,h)anthracene	17.33	278	84982	4.471 ng		94
92) Benzo(g,h,i)perylene	17.62	276	310700	16.412 ng		98

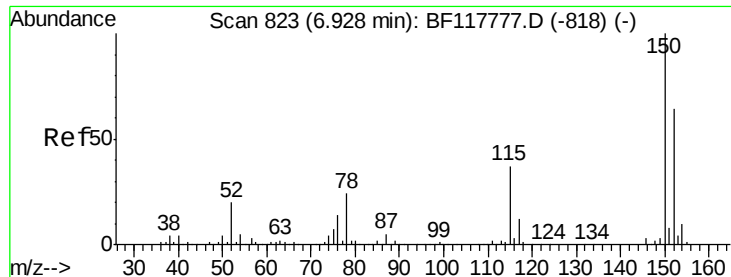
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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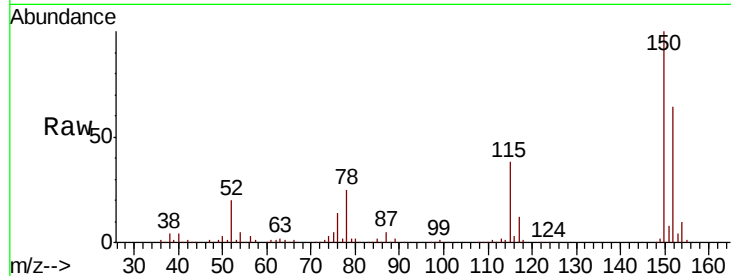


#1

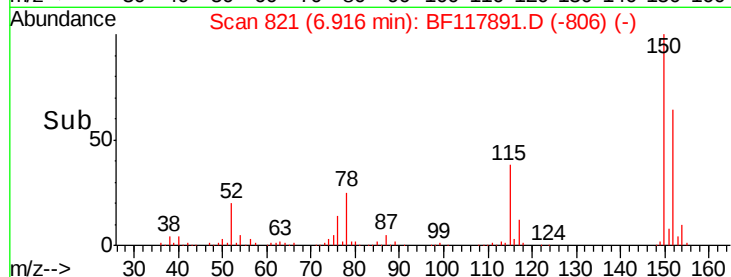
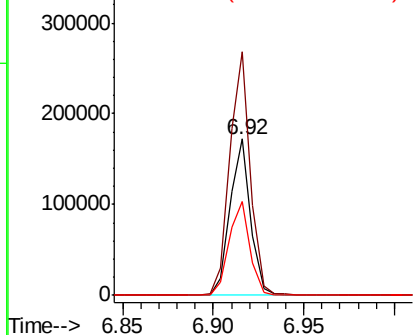
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117891.D
Acq: 20 Nov 2019 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135652
Ion Ratio Lower Upper
152 100
150 155.5 125.3 187.9
115 59.6 47.0 70.4



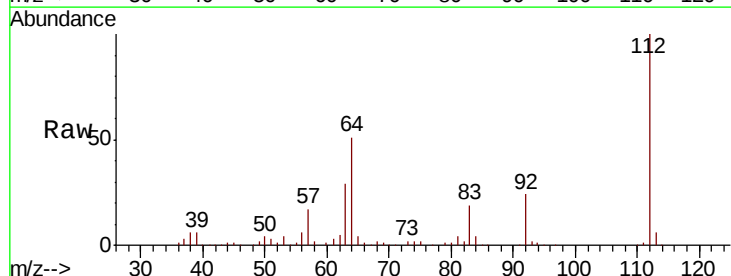
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



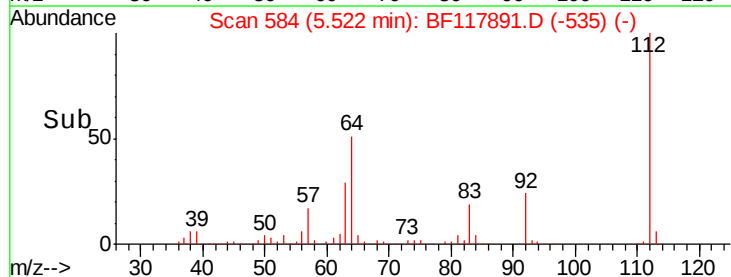
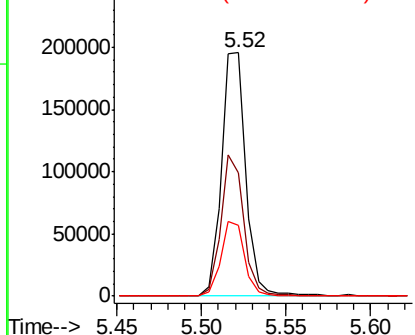
#5

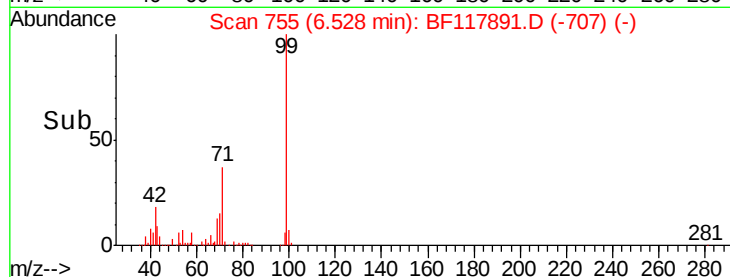
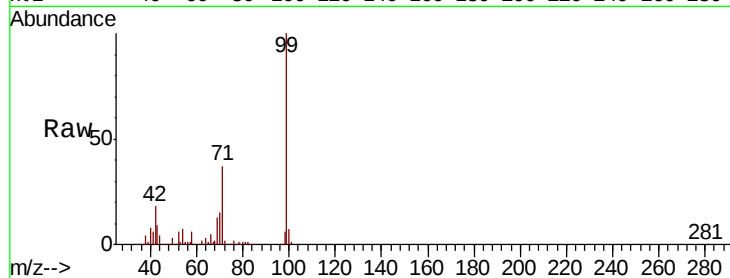
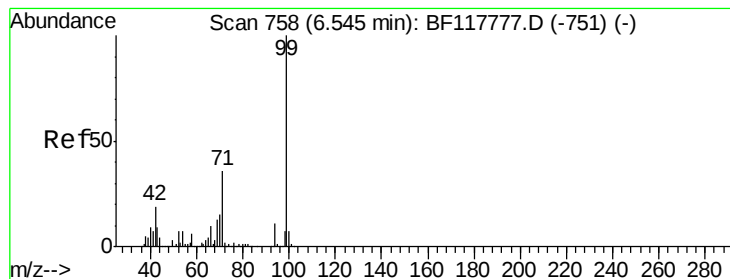
2-Fluorophenol
Concen: 25.626 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117891.D
Acq: 20 Nov 2019 14:25

Tgt Ion:112 Resp: 196386
Ion Ratio Lower Upper
112 100
64 50.9 45.6 68.4
63 29.0 24.1 36.1



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: 27.392 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Instrument :

BNA_F

ClientSampleId :

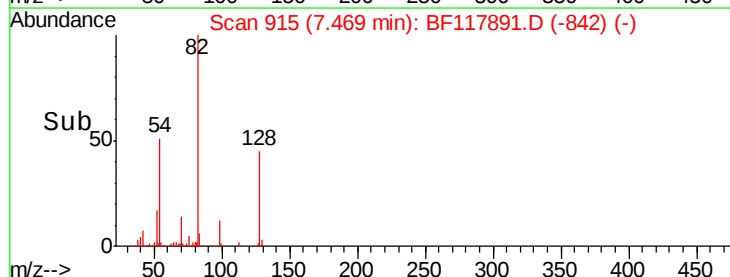
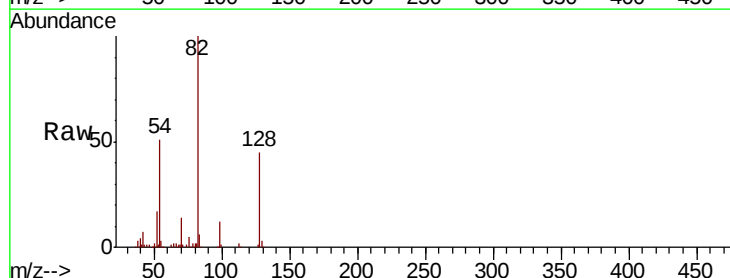
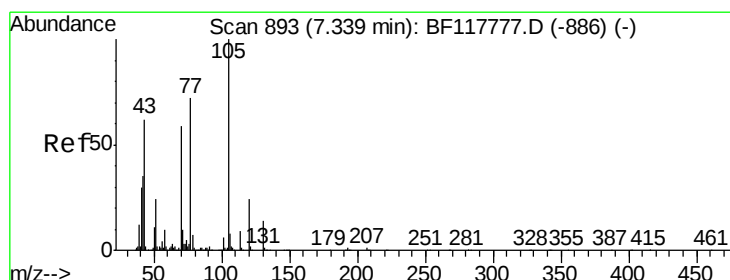
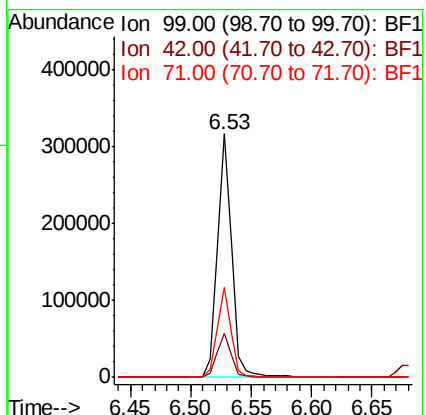
Tot Ion: 99 Resp: 253199

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

71 36.8 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 3.562 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.13 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Tgt Ion: 70 Resp: 20312

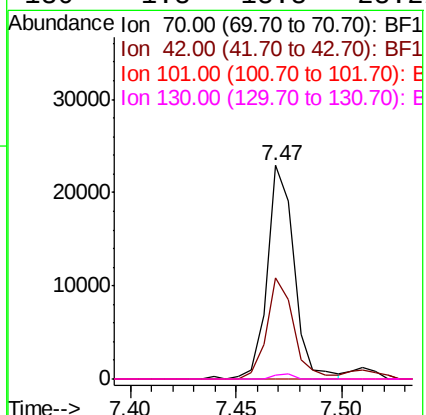
Ion Ratio Lower Upper

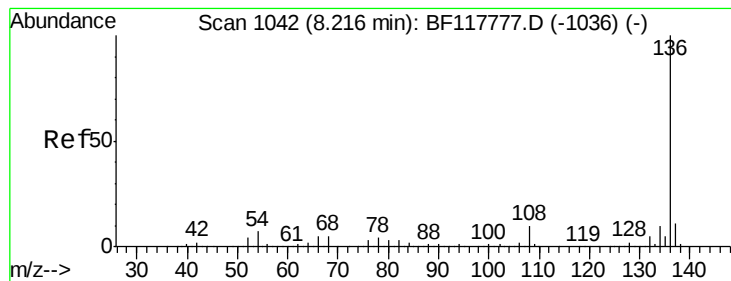
70 100

42 47.2 47.4 71.2#

101 0.0 8.4 12.6#

130 1.8 18.8 28.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 505190

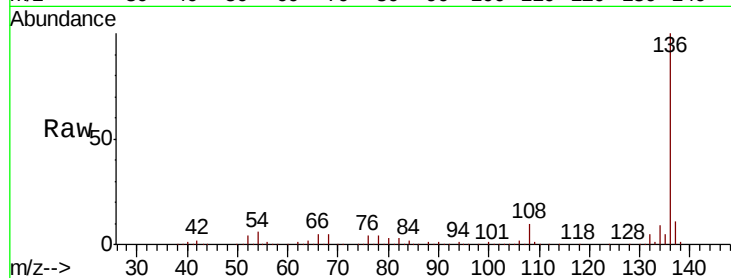
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.4 5.4 8.2

68 4.9 4.3 6.5

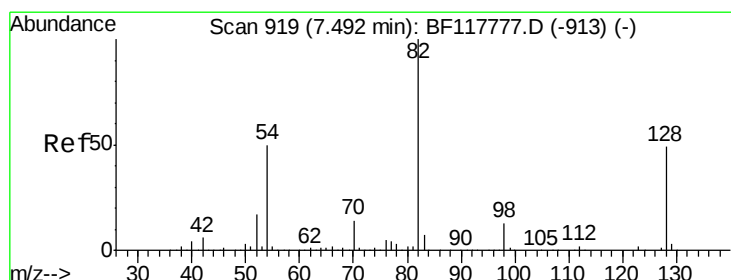
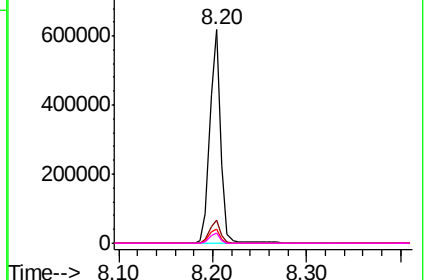
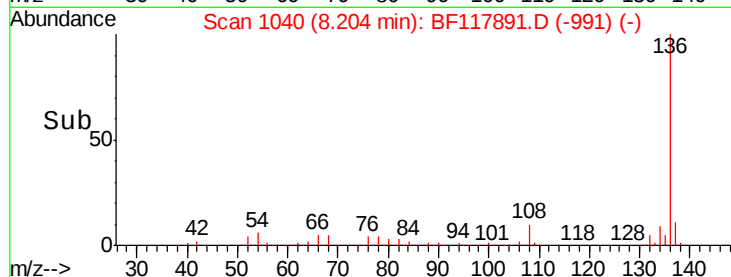


Abundance Ion 136.00 (135.70 to 136.70): E

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: 17.346 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

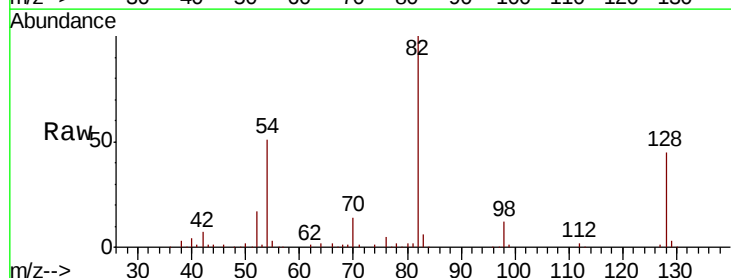
Tgt Ion: 82 Resp: 147412

Ion Ratio Lower Upper

82 100

128 44.6 38.9 58.3

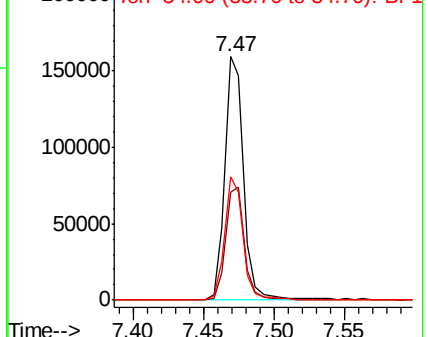
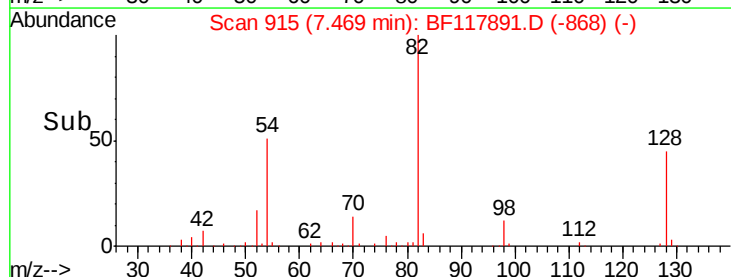
54 50.7 39.8 59.6

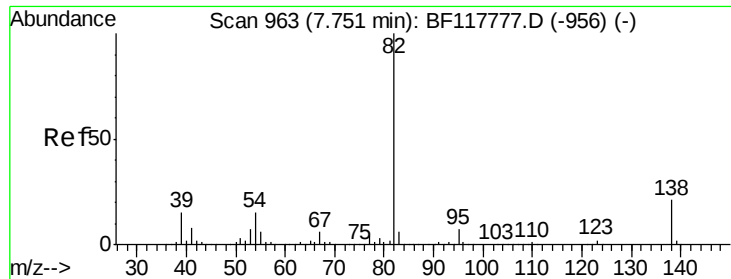


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 9.339 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.28 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Instrument :

BNA_F

ClientSampleId :

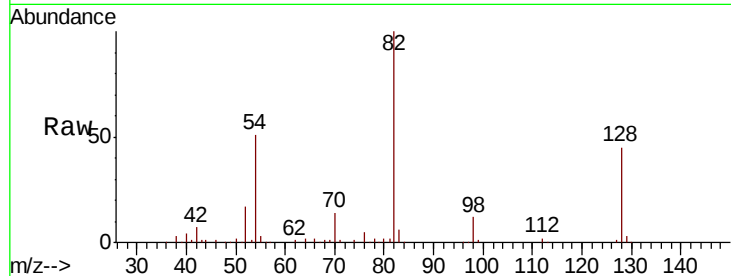
Tot Ion: 82 Resp: 145464

Ion Ratio Lower Upper

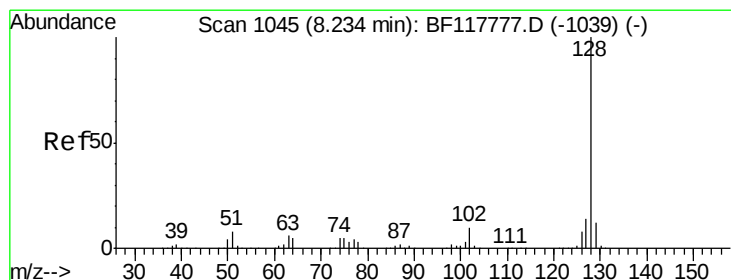
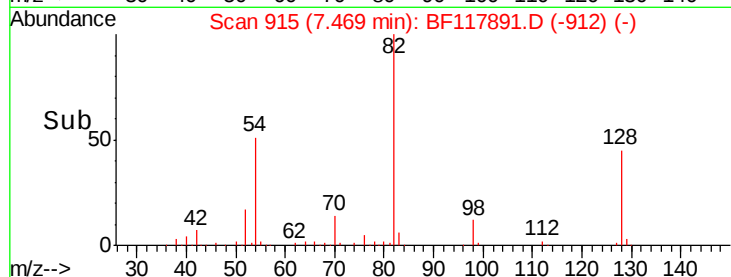
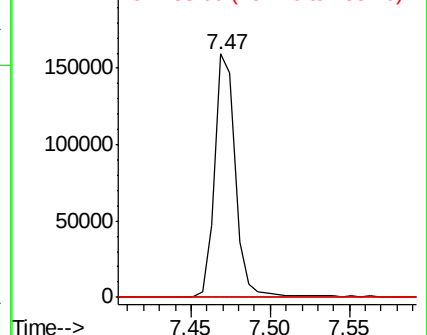
82 100

95 0.0 5.8 8.8#

138 0.0 16.5 24.7#



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): E



#31

Naphthalene

Concen: 7.358 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

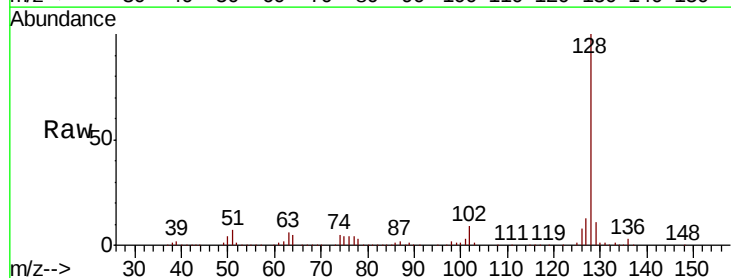
Tgt Ion: 128 Resp: 173296

Ion Ratio Lower Upper

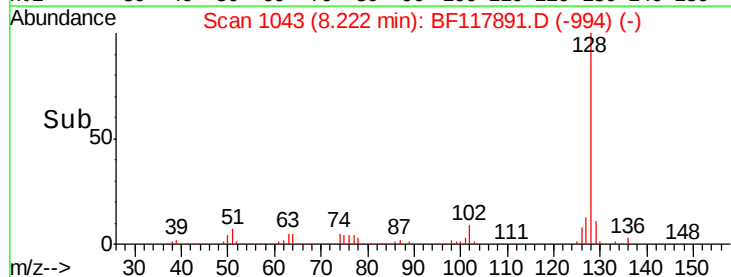
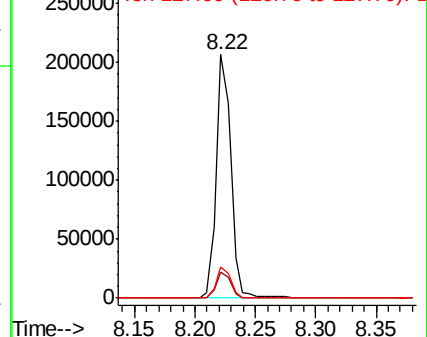
128 100

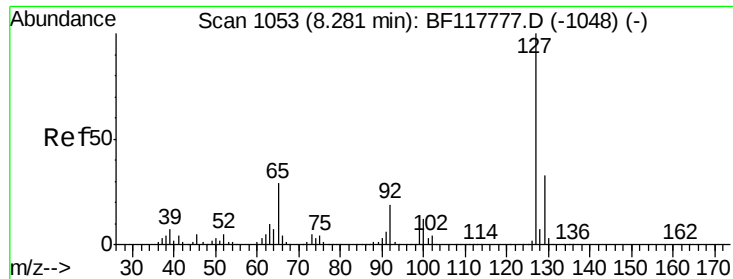
129 10.8 9.5 14.3

127 12.9 11.3 16.9



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

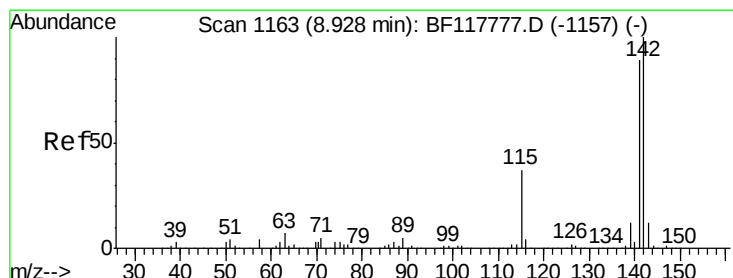
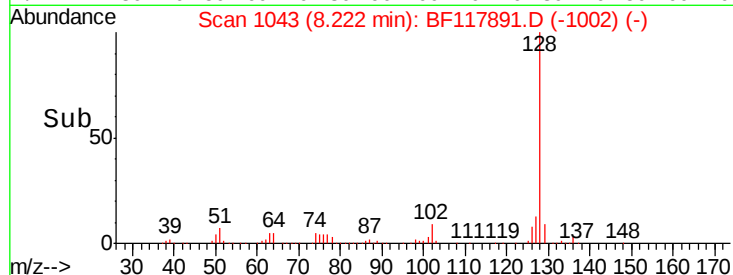
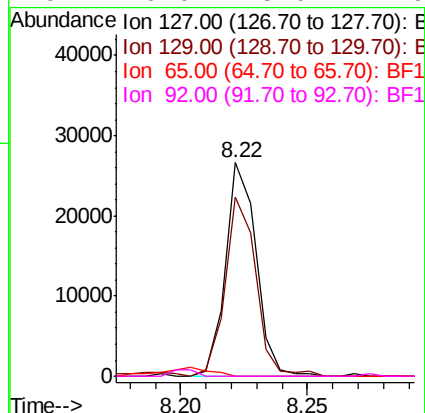
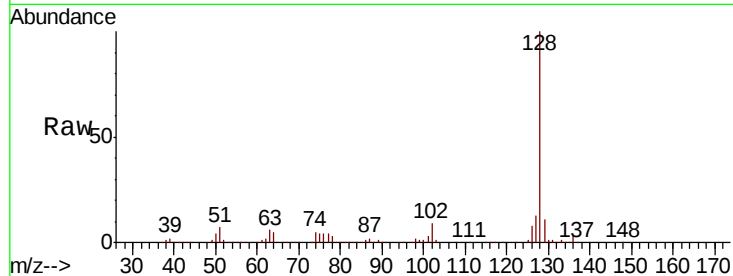




#33
4-Chloroaniline
Concen: 2.114 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF117891.D
Acq: 20 Nov 2019 14:25

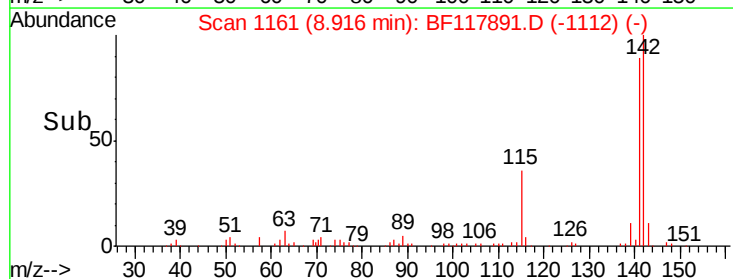
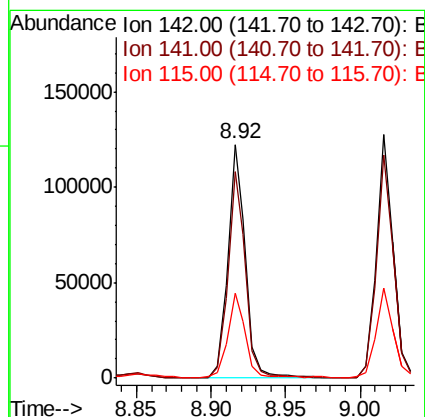
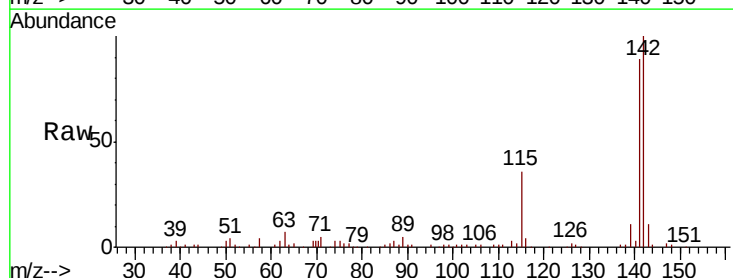
Instrument :
BNA_F
ClientSampleId :

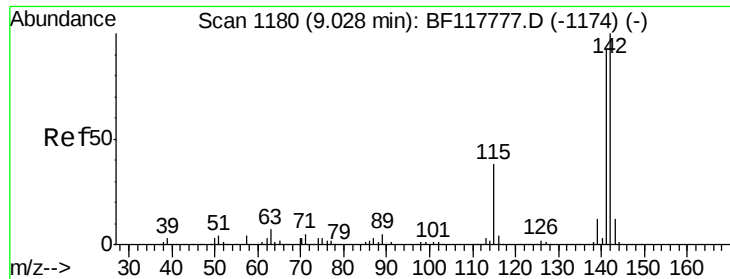
Tot Ion:	127	Resp:	22289
Ion	Ratio	Lower	Upper
127	100		
129	83.8	26.5	39.7#
65	0.0	22.9	34.3#
92	0.0	15.0	22.6#



#37
2-Methylnaphthalene
Concen: 6.424 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF117891.D
Acq: 20 Nov 2019 14:25

Tgt Ion:	142	Resp:	102219
Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7
115	36.3	29.2	43.8

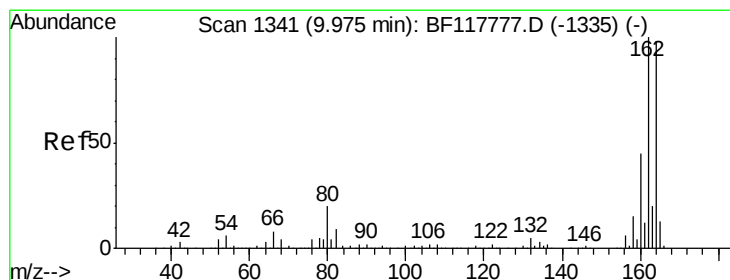
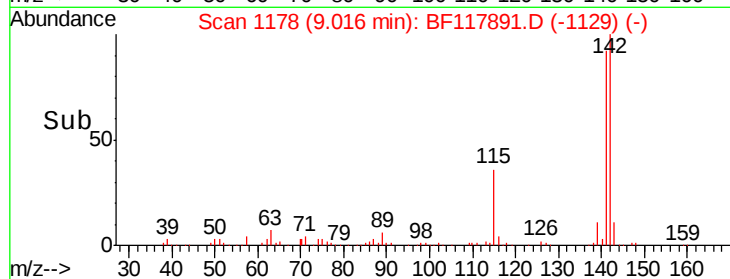
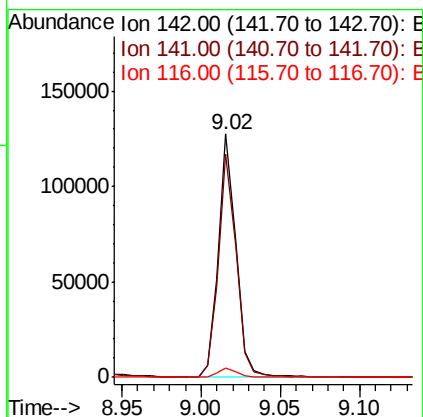
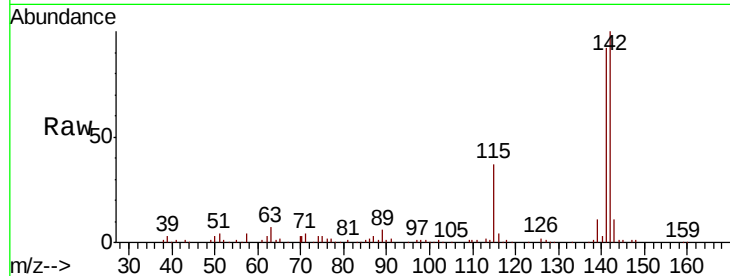




#38
1-Methylnaphthalene
Concen: 6.567 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF117891.D
Acq: 20 Nov 2019 14:25

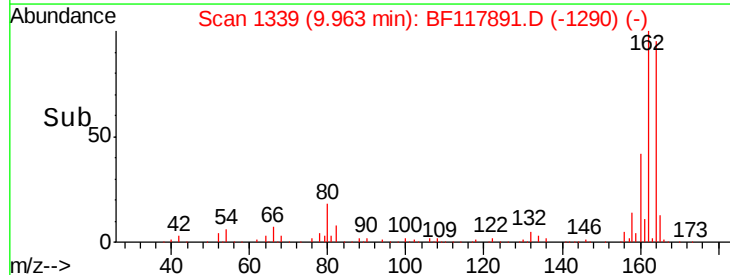
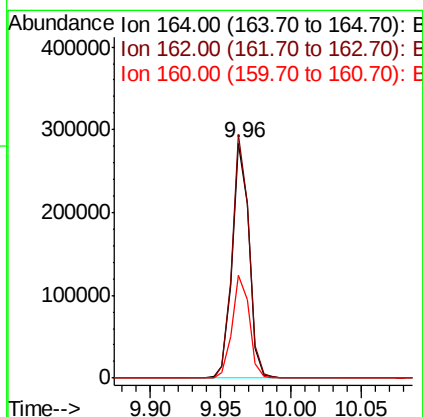
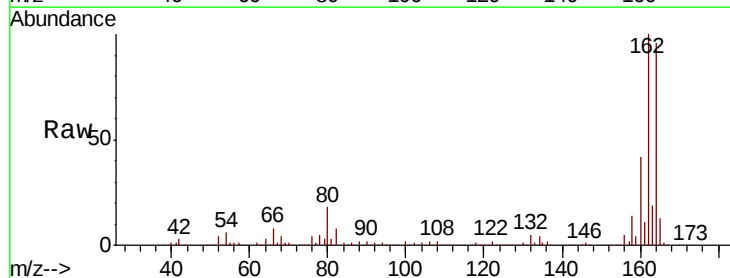
Instrument :
BNA_F
ClientSampleId :

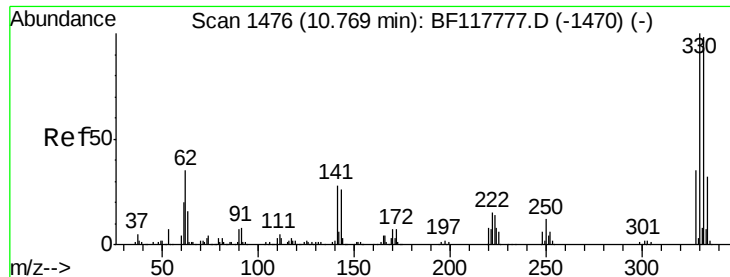
Tot Ion:142 Resp: 98802
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3
116 3.8 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117891.D
Acq: 20 Nov 2019 14:25

Tgt Ion:164 Resp: 235798
Ion Ratio Lower Upper
164 100
162 103.7 81.3 121.9
160 43.8 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 21.925 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Instrument :

BNA_F

ClientSampled :

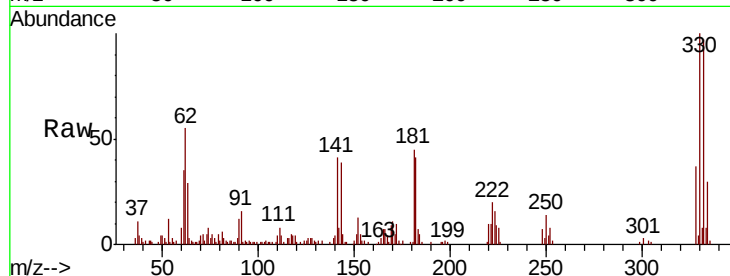
Tot Ion:330 Resp: 54734

Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

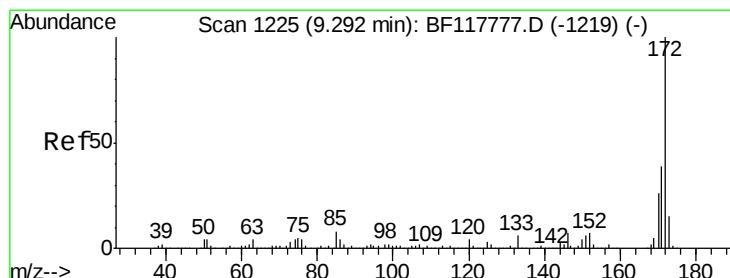
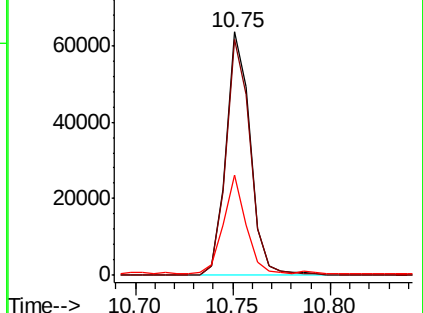
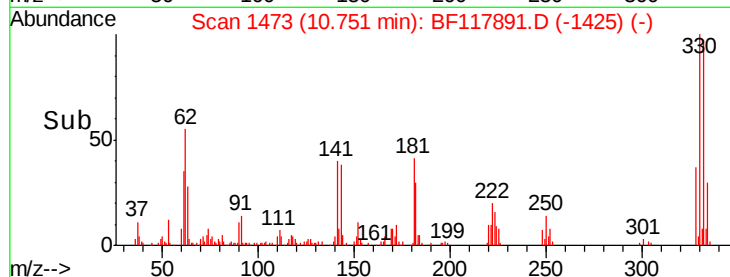
141 37.2 27.7 41.5



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: 21.807 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

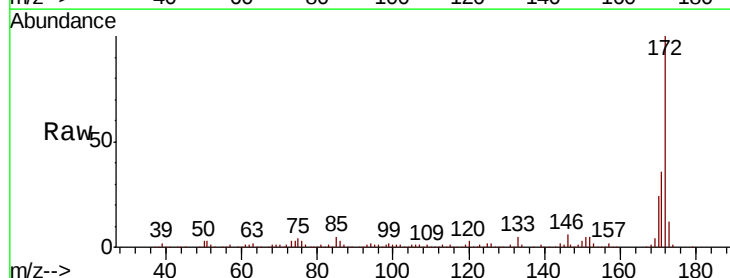
Tgt Ion:172 Resp: 286624

Ion Ratio Lower Upper

172 100

171 35.8 30.9 46.3

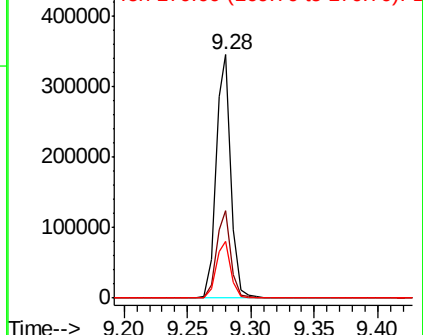
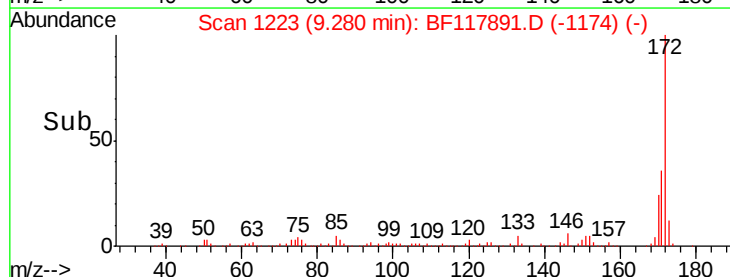
170 23.6 21.0 31.4

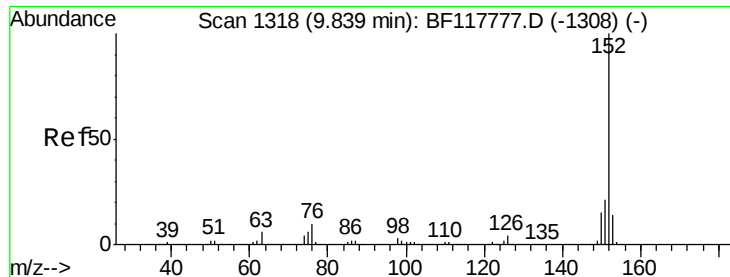


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 8.391 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Instrument :

BNA_F

ClientSampleId :

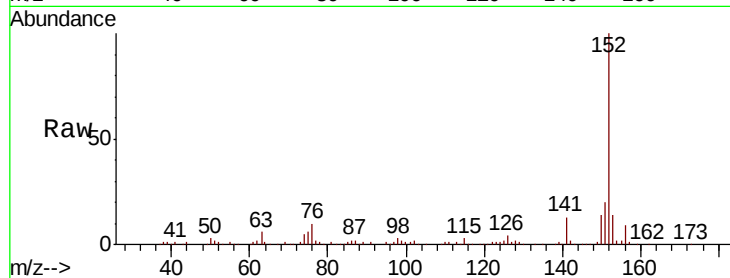
Tot Ion:152 Resp: 176065

Ion Ratio Lower Upper

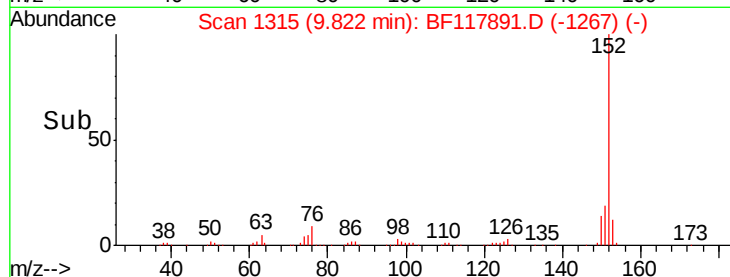
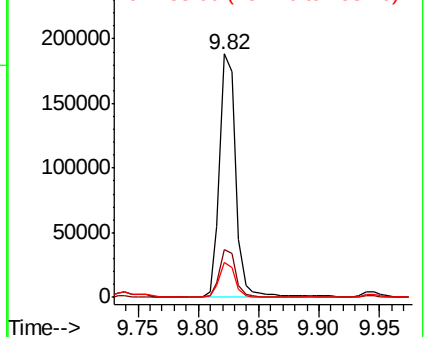
152 100

151 19.8 17.0 25.6

153 14.5 11.0 16.6



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: 2.737 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

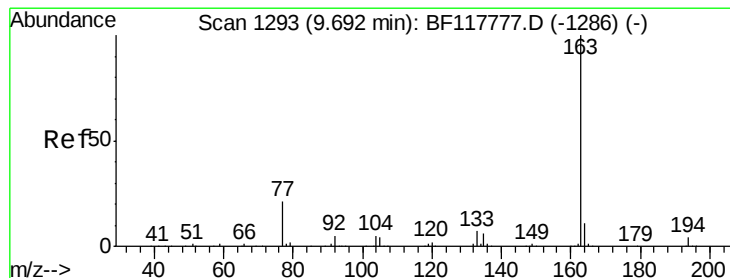
Tgt Ion:163 Resp: 45252

Ion Ratio Lower Upper

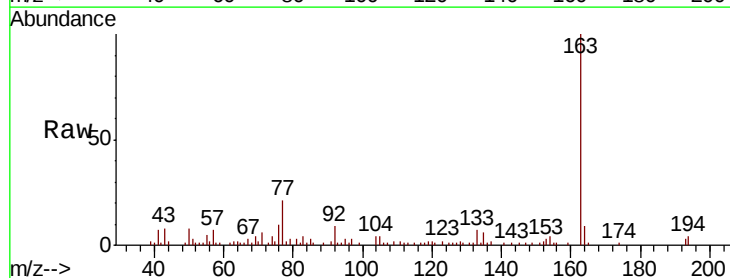
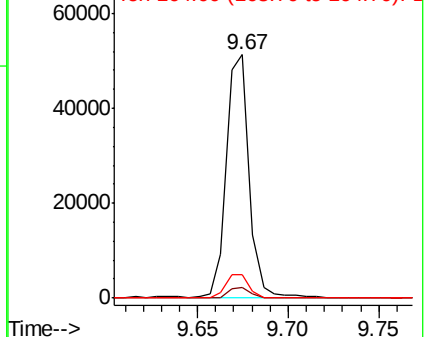
163 100

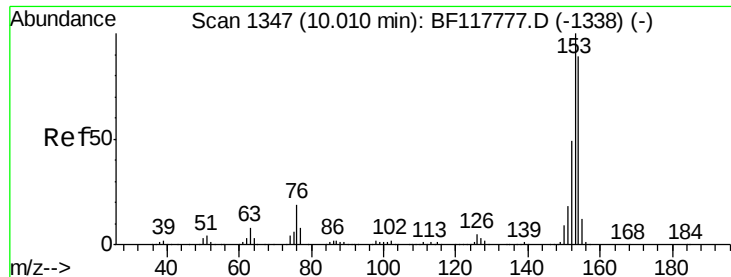
194 4.3 3.3 4.9

164 9.4 8.7 13.1



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: 3.450 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Instrument :

BNA_F

ClientSampleId :

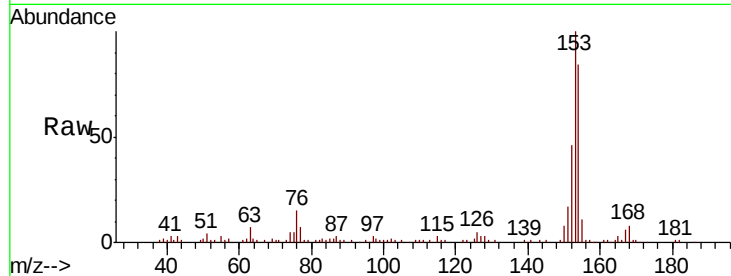
Tot Ion:154 Resp: 46369

Ion Ratio Lower Upper

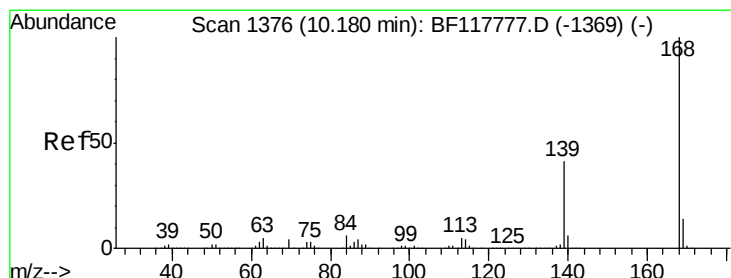
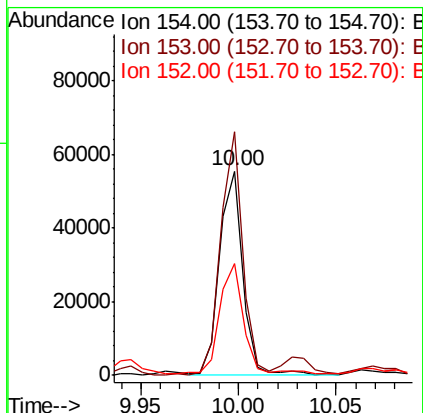
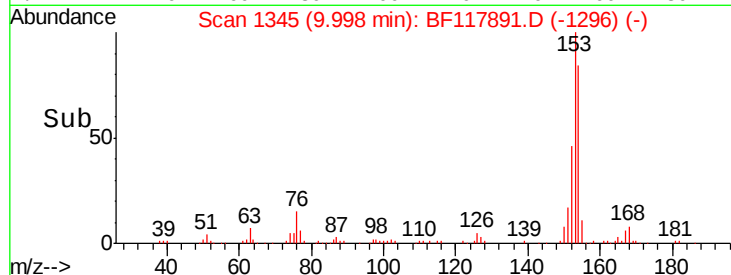
154 100

153 119.2 90.1 135.1

152 54.7 44.0 66.0



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: 4.079 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

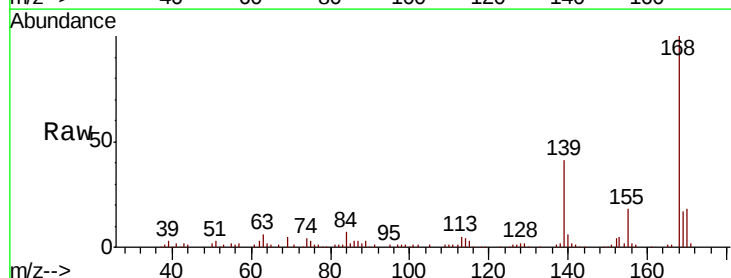
Tgt Ion:168 Resp: 75915

Ion Ratio Lower Upper

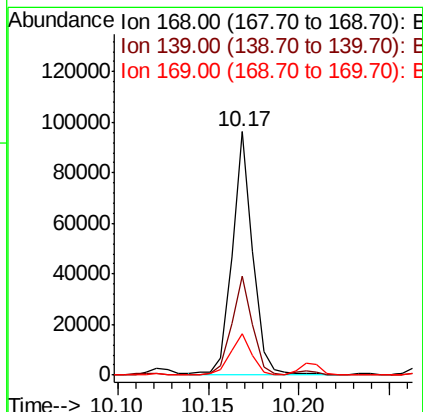
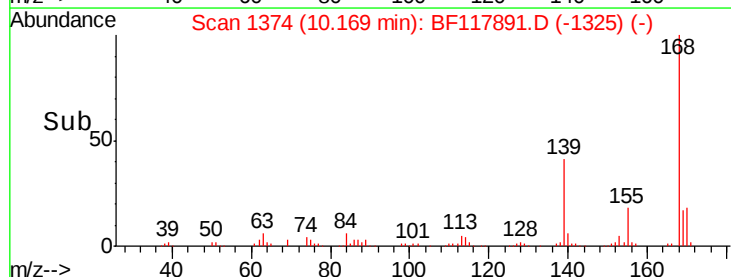
168 100

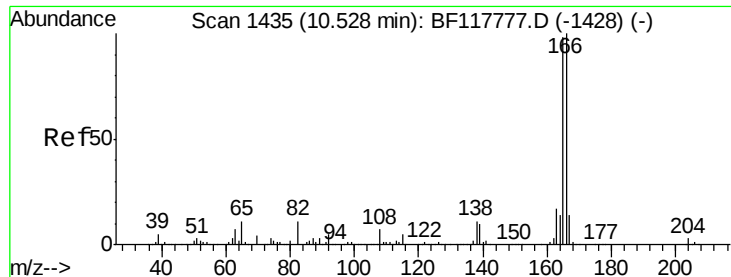
139 40.6 33.0 49.6

169 17.0 11.5 17.3



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





#58

Fluorene

Concen: 11.400 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Instrument :

BNA_F

ClientSampleId :

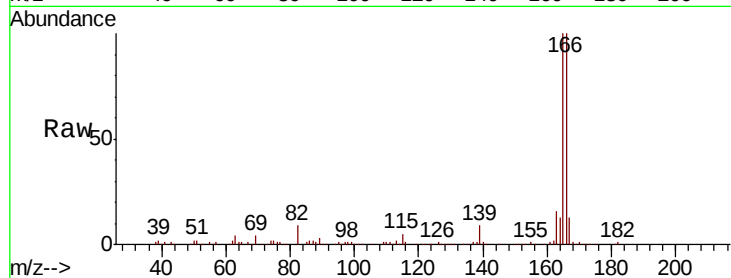
Tot Ion:166 Resp: 164426

Ion Ratio Lower Upper

166 100

165 100.4 78.4 117.6

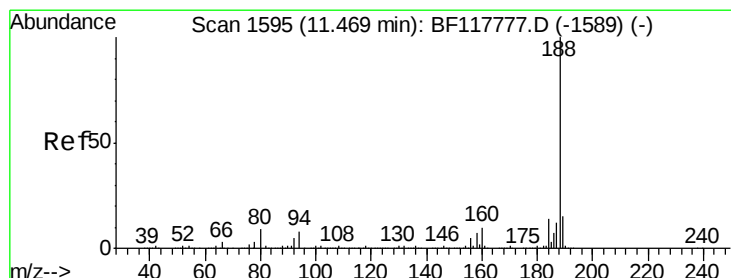
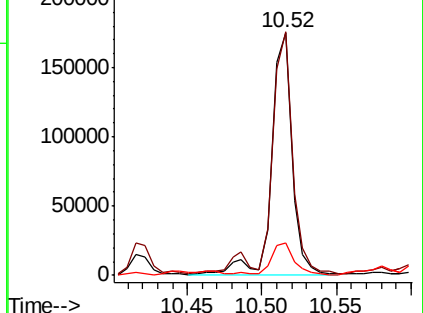
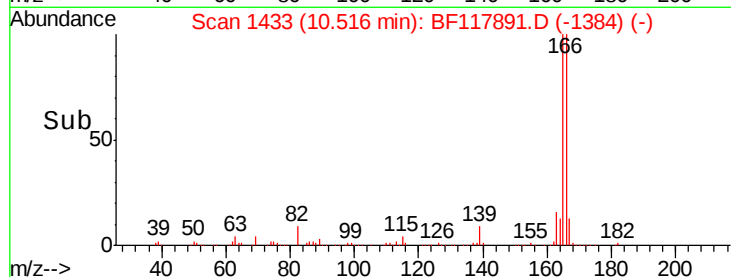
167 13.3 11.0 16.4



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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

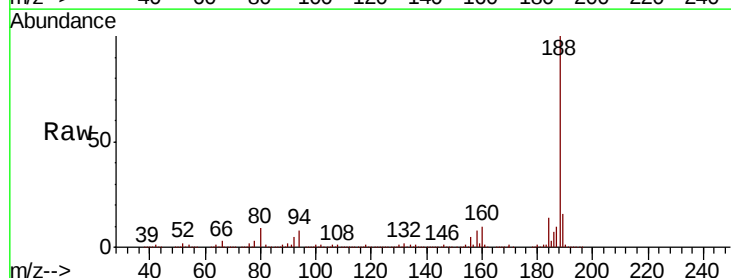
Tgt Ion:188 Resp: 378185

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

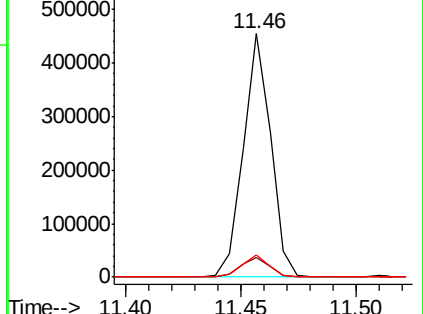
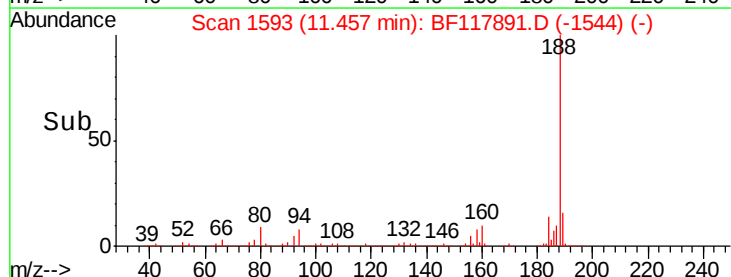
80 9.1 7.2 10.8

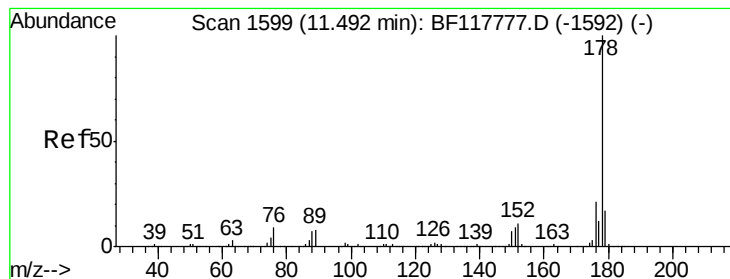


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 40.488 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Instrument :

BNA_F

ClientSampled :

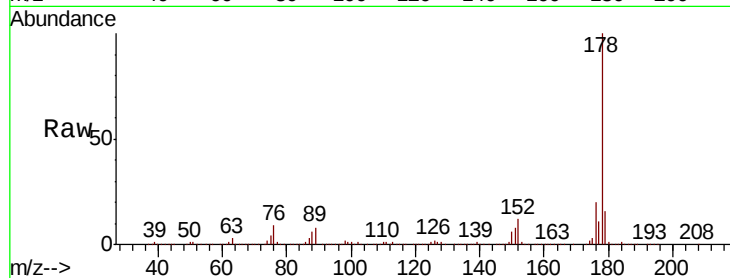
Tot Ion:178 Resp: 769844

Ion Ratio Lower Upper

178 100

176 19.7 16.6 25.0

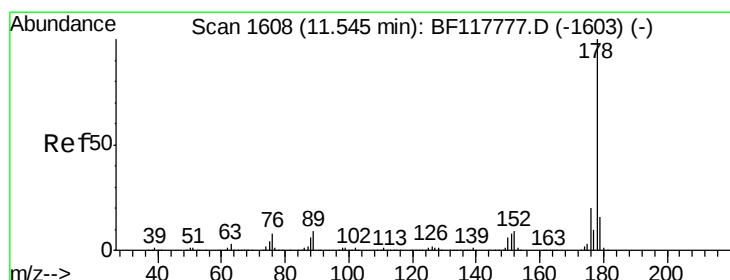
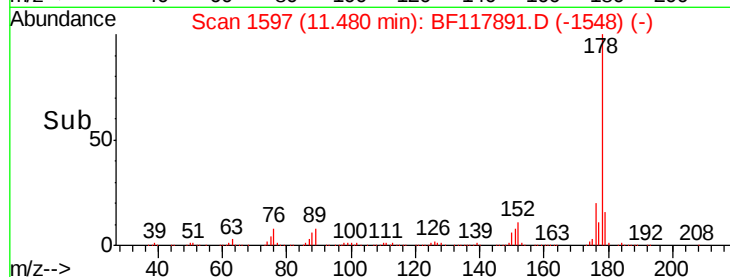
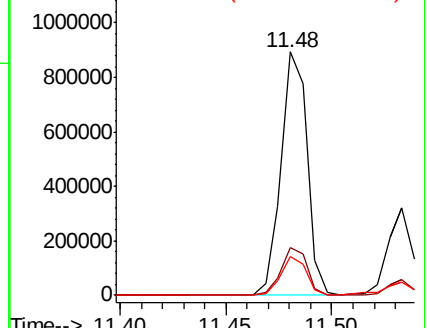
179 15.9 13.2 19.8



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: 13.428 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

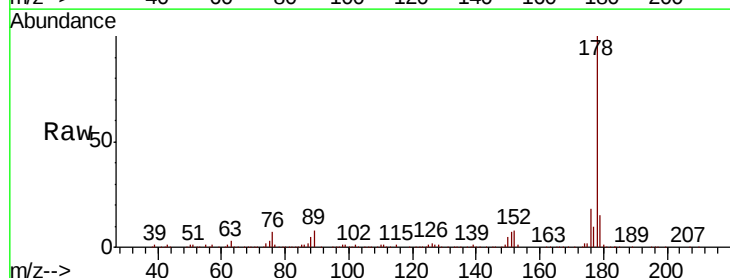
Tgt Ion:178 Resp: 253148

Ion Ratio Lower Upper

178 100

176 18.2 16.1 24.1

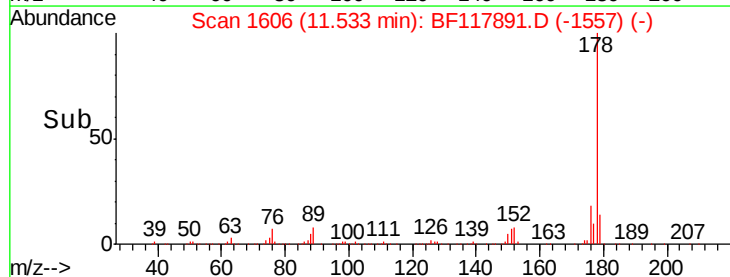
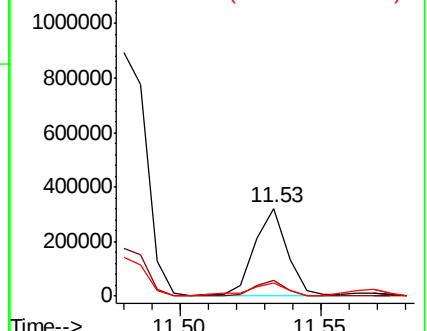
179 14.7 13.0 19.4

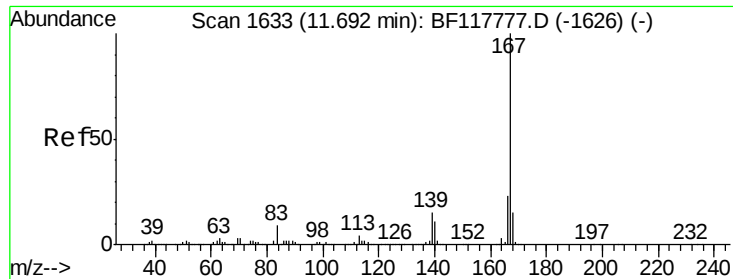


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

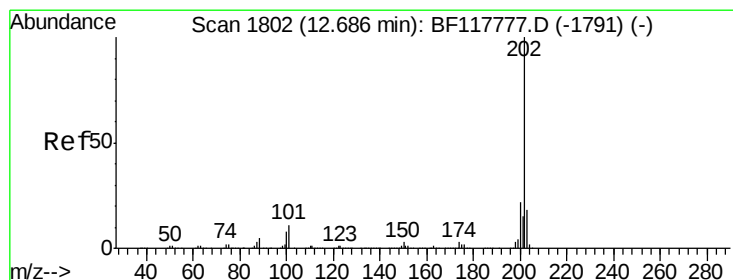
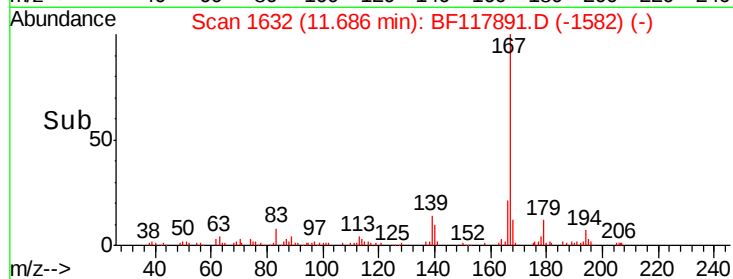
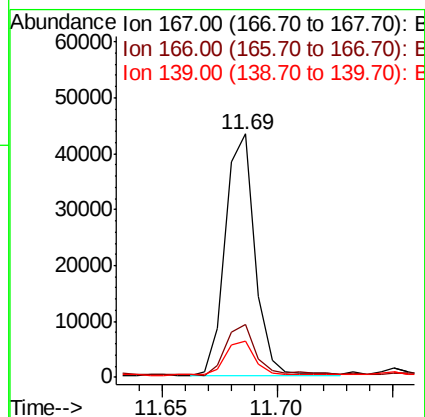
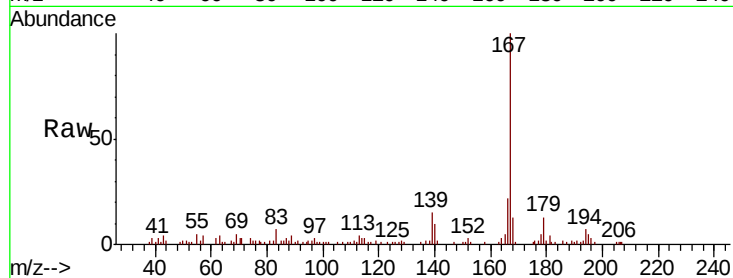




#73
 Carbazole
 Concen: 2.341 ng
 RT: 11.69 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BF117891.D
 Acq: 20 Nov 2019 14:25

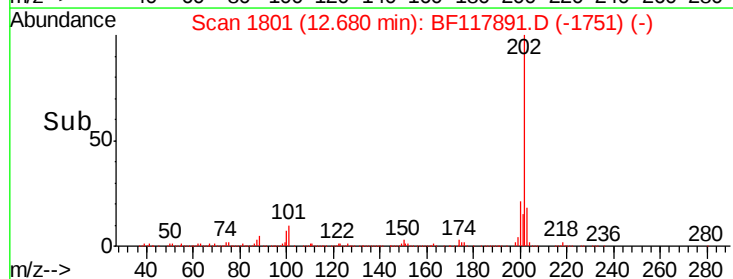
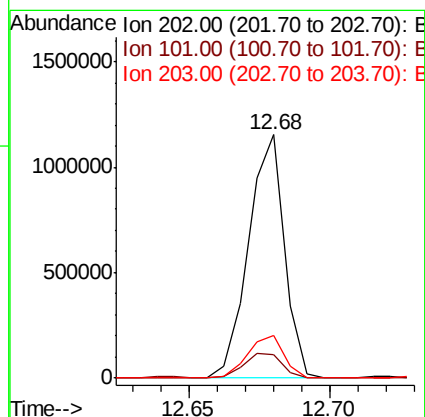
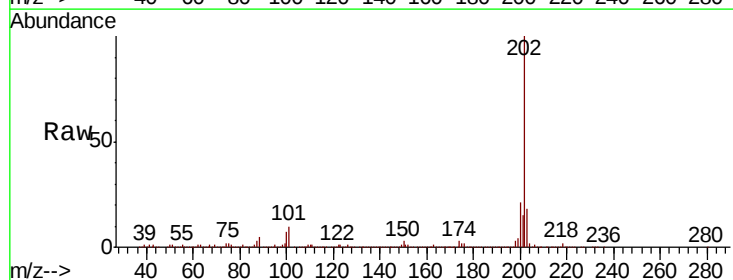
Instrument :
 BNA_F
 ClientSampleId :

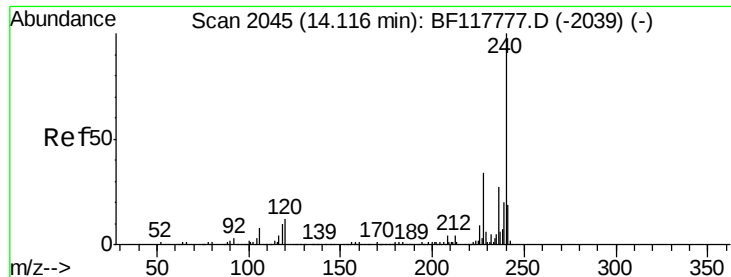
Tot Ion:167 Resp: 38569
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 14.8 11.7 17.5



#75
 Fluoranthene
 Concen: 61.310 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF117891.D
 Acq: 20 Nov 2019 14:25

Tgt Ion:202 Resp: 1014343
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 31.1
 203 17.7 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117891.D

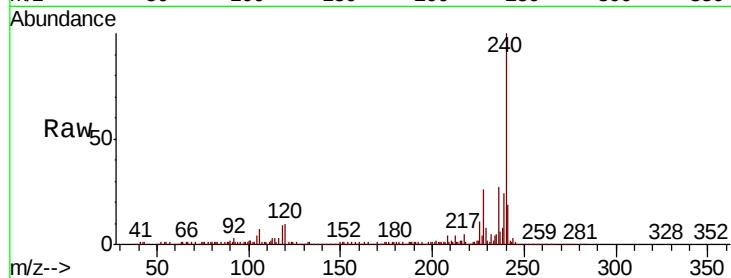
Acq: 20 Nov 2019 14:25

Instrument :

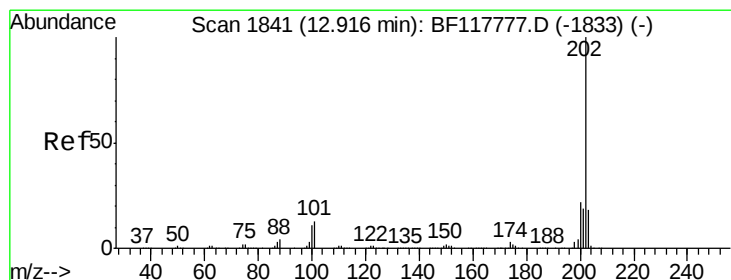
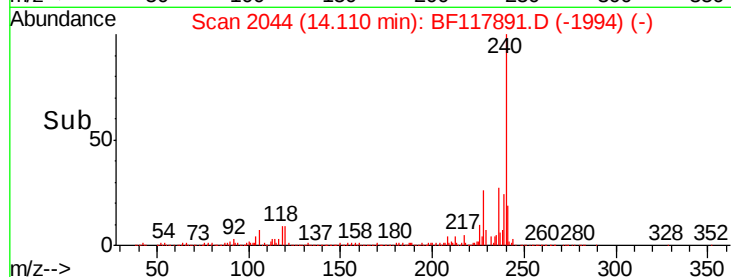
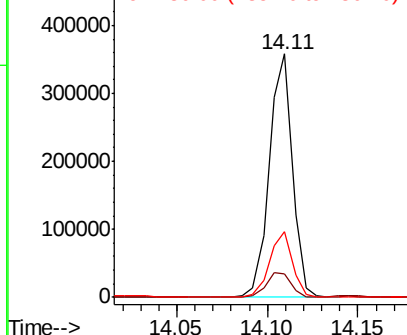
BNA_F

ClientSampleId :

Tot Ion:240	Resp:	316252
Ion Ratio	Lower	Upper
240	100	
120	9.6	9.5 14.3
236	26.8	21.3 31.9



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

Pyrene

Concen: 39.482 ng

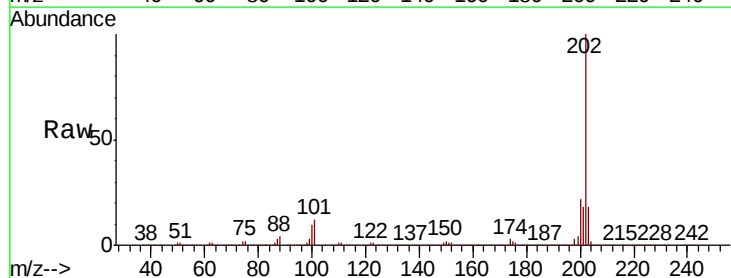
RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

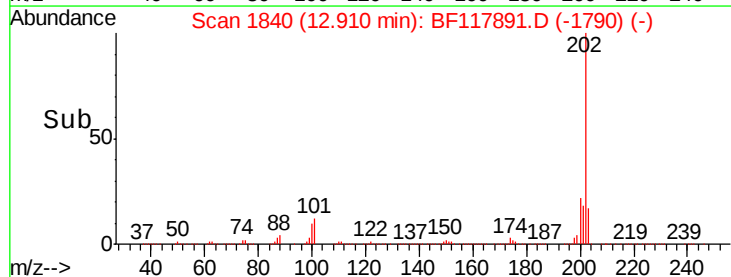
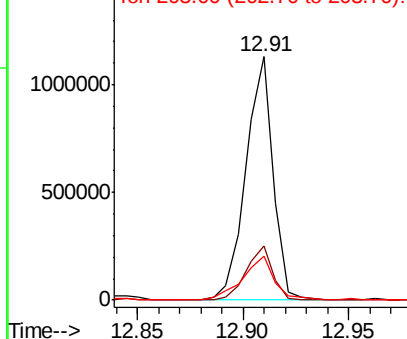
Lab File: BF117891.D

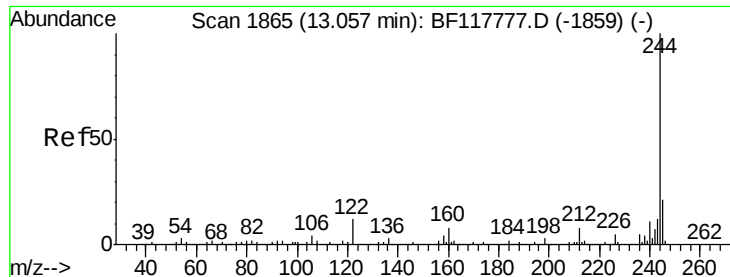
Acq: 20 Nov 2019 14:25

Tgt Ion:202	Resp:	1009070
Ion Ratio	Lower	Upper
202	100	
200	22.3	17.8 26.8
203	18.2	14.6 22.0



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

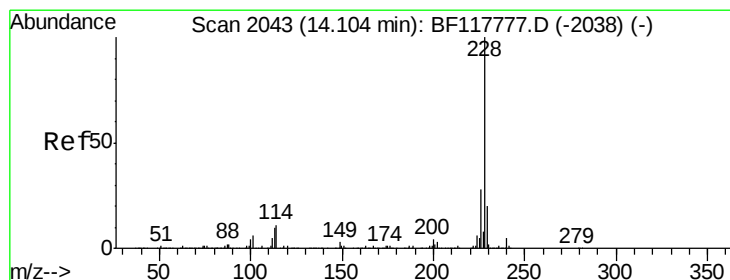
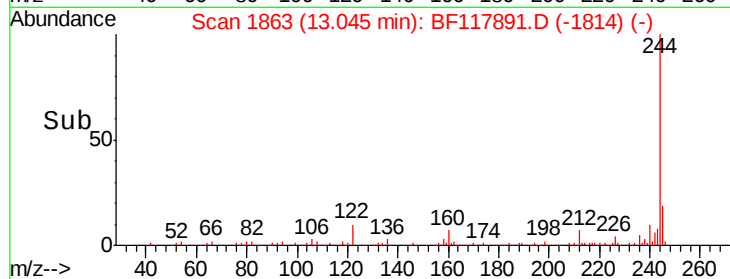
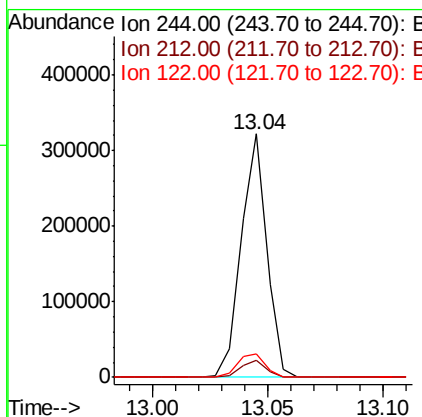
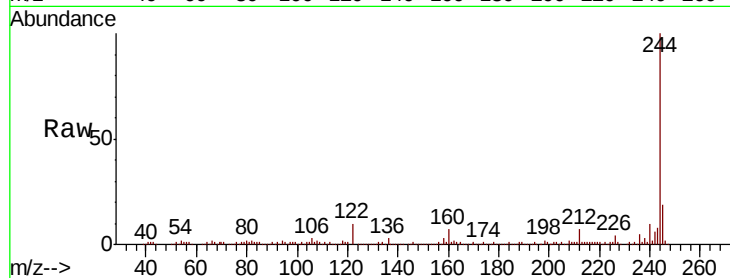




#79
 Terphenyl-d14
 Concen: 14.481 ng
 RT: 13.04 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF117891.D
 Acq: 20 Nov 2019 14:25

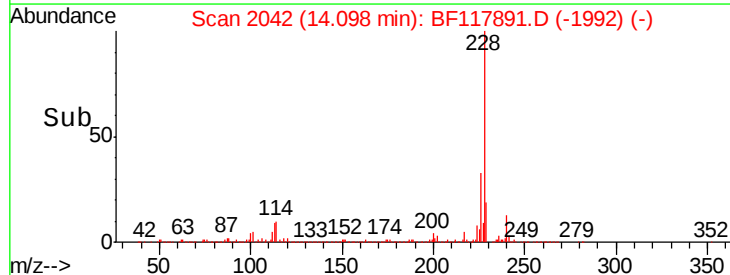
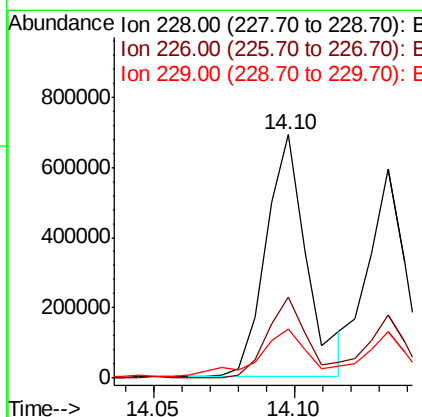
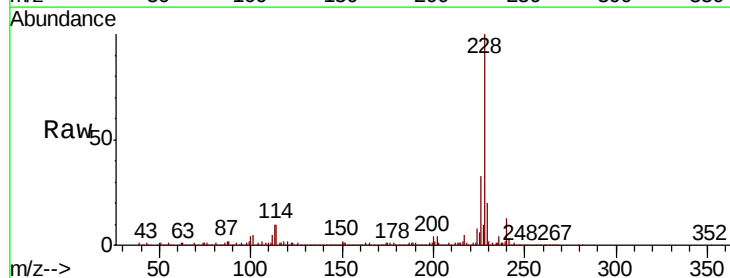
Instrument :
 BNA_F
 ClientSampleId :

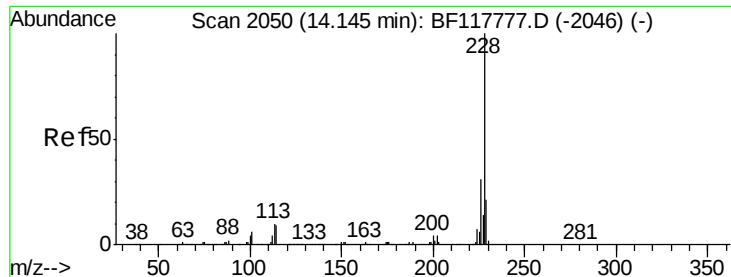
Tot Ion:244 Resp: 250577
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 9.7 9.4 14.2



#81
 Benzo(a)anthracene
 Concen: 33.148 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF117891.D
 Acq: 20 Nov 2019 14:25

Tgt Ion:228 Resp: 692749
 Ion Ratio Lower Upper
 228 100
 226 33.1 22.2 33.2
 229 20.3 15.9 23.9

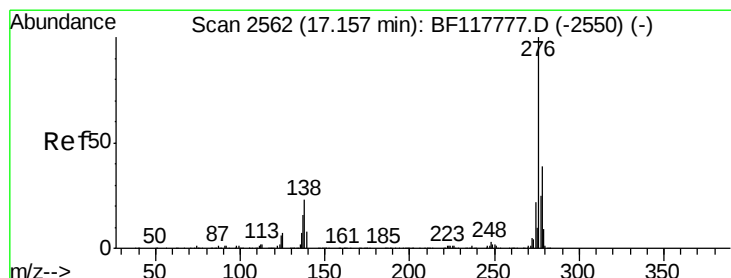
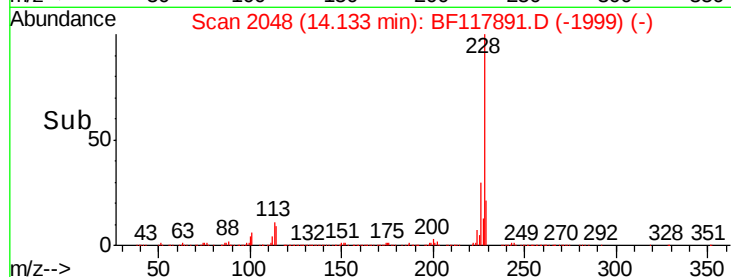
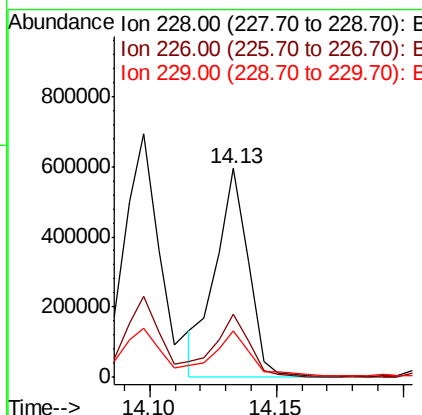
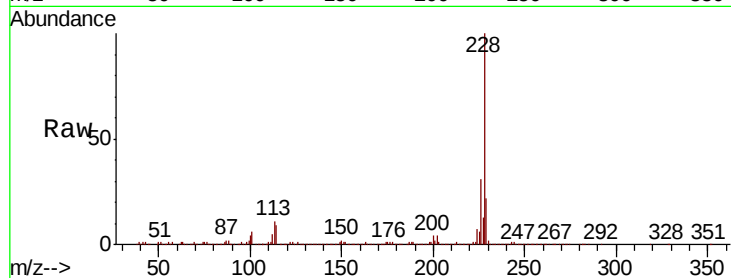




#83
Chrysene
Concen: 25.992 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF117891.D
Acq: 20 Nov 2019 14:25

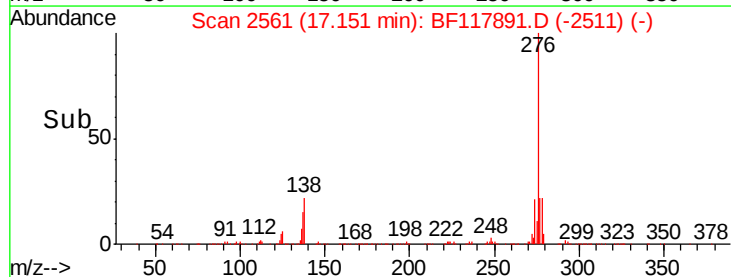
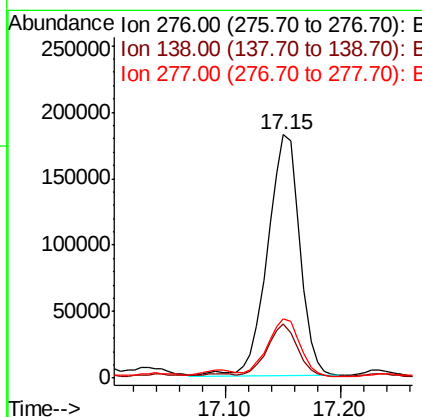
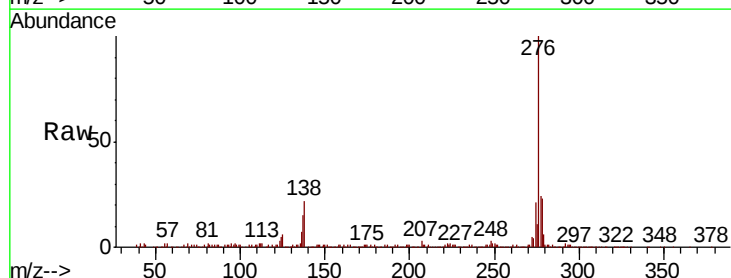
Instrument :
BNA_F
ClientSampleId :

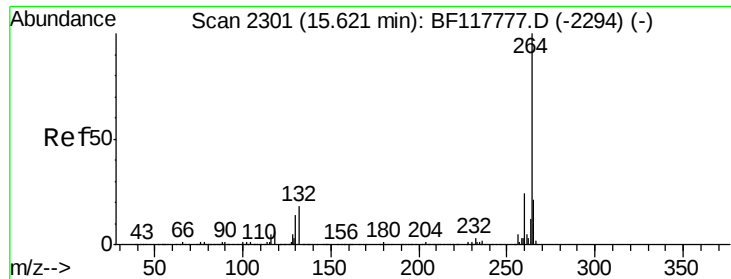
Tot Ion:228 Resp: 526361
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.4
229 22.1 16.6 25.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 20.408 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BF117891.D
Acq: 20 Nov 2019 14:25

Tgt Ion:276 Resp: 351732
Ion Ratio Lower Upper
276 100
138 20.9 20.9 31.3
277 24.6 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

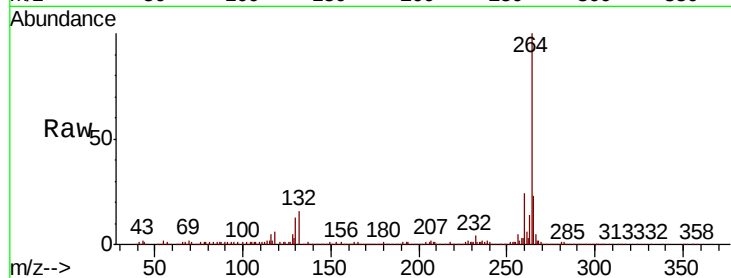
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 386517

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	23.1	17.1	25.7

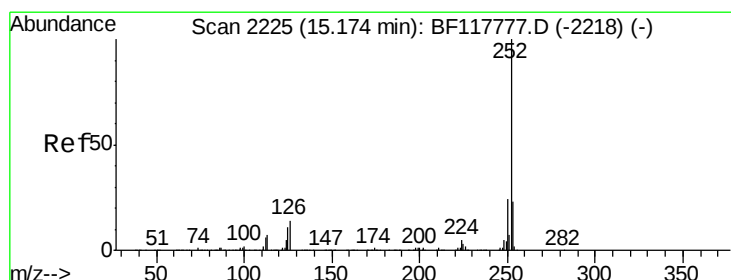
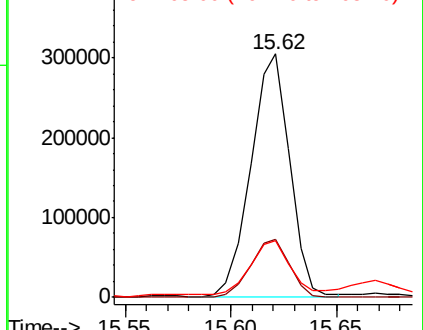
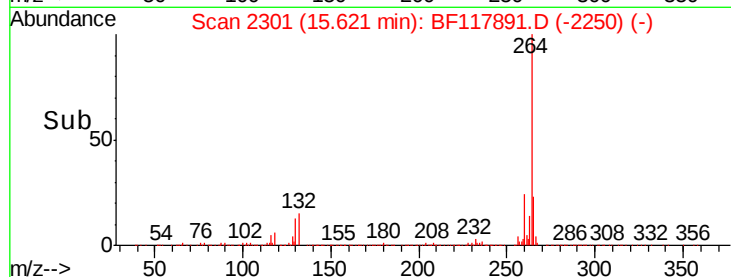


Abundance

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: 47.745 ng

RT: 15.17 min Scan# 2225

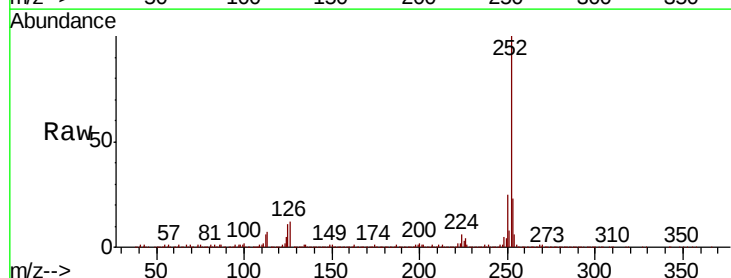
Delta R.T. -0.00 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Tgt Ion:252 Resp: 1198972

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.6	8.6	13.0

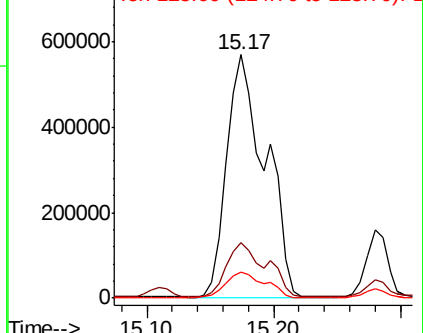
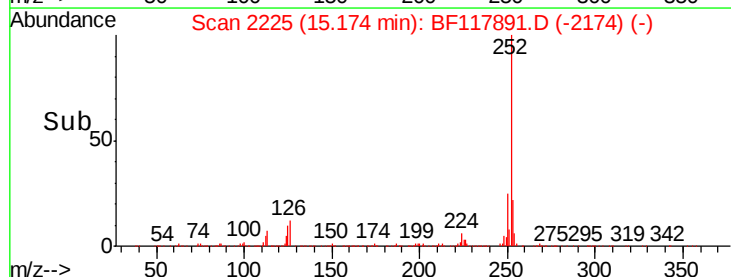


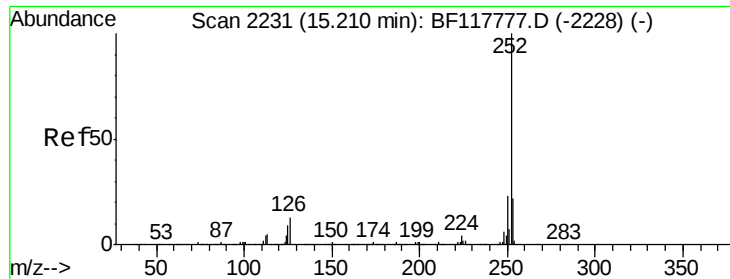
Abundance

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: 50.639 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.04 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

Instrument :

BNA_F

ClientSampleId :

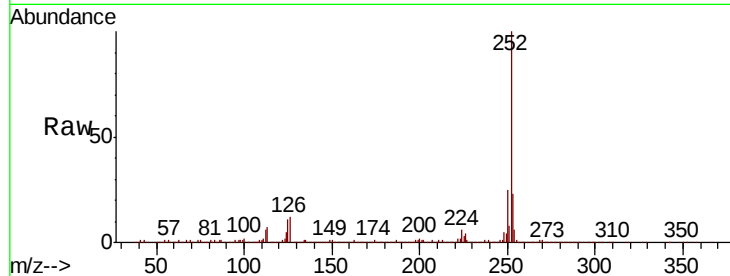
Tot Ion:252 Resp: 1198196

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

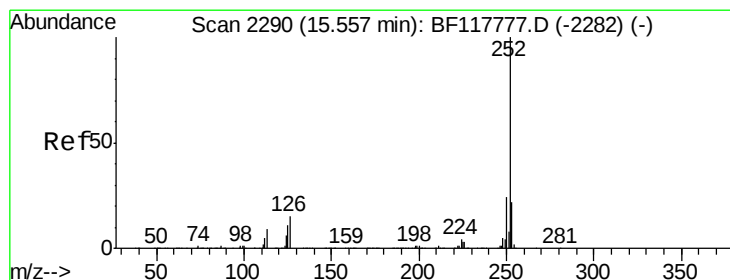
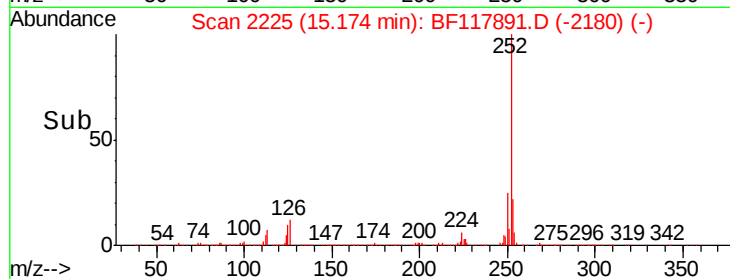
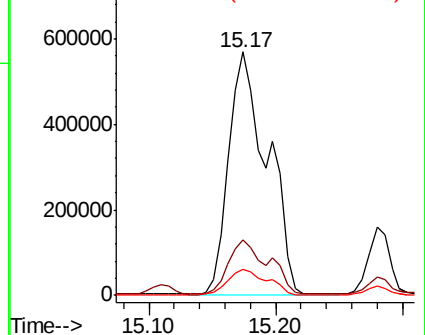
125 10.6 7.9 11.9



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: 31.508 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BF117891.D

Acq: 20 Nov 2019 14:25

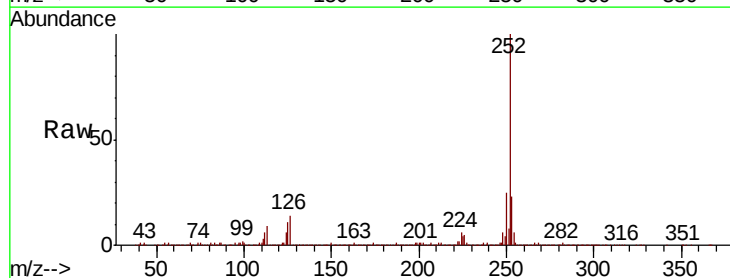
Tgt Ion:252 Resp: 695755

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

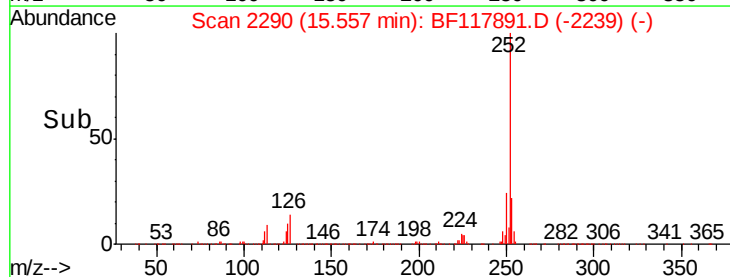
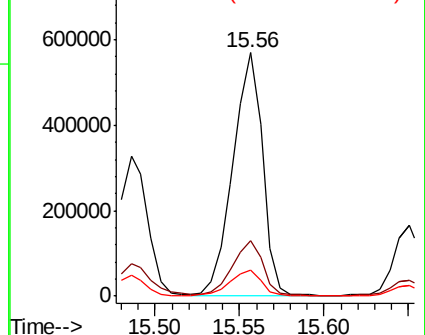
125 10.8 9.2 13.8

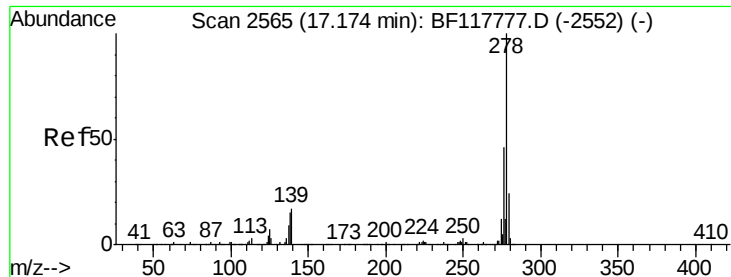


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

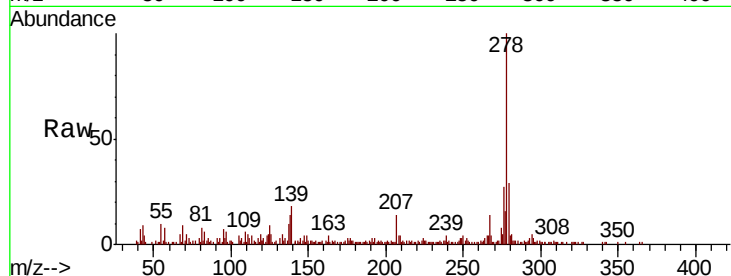




#91
Dibenzo(a,h)anthracene
Concen: 4.471 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.16 min
Lab File: BF117891.D
Acq: 20 Nov 2019 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.8	20.8
279	28.6	19.6	29.4

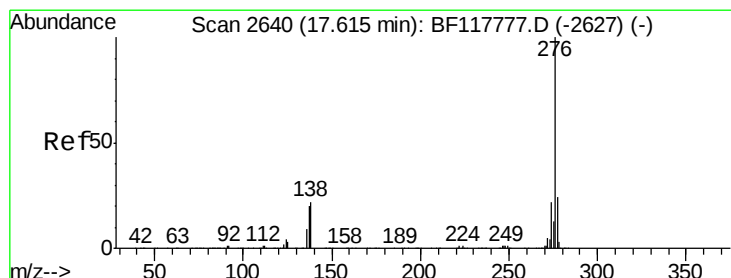
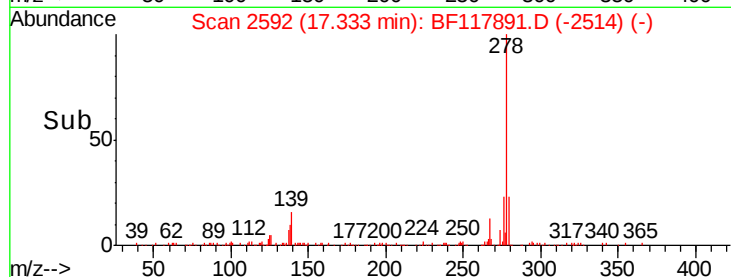
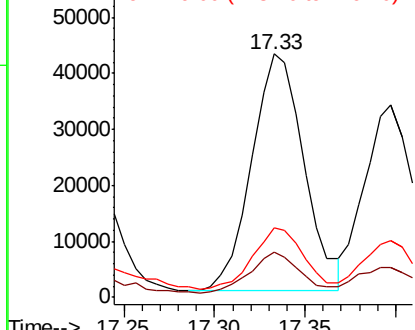


Abundance

Ion 278.00 (277.70 to 278.70): E

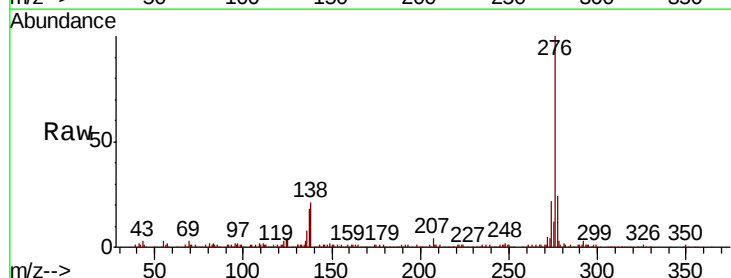
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 16.412 ng
RT: 17.62 min Scan# 2640
Delta R.T. -0.00 min
Lab File: BF117891.D
Acq: 20 Nov 2019 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	20.6	17.4	26.2



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

