

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118081.D
 Acq On : 4 Dec 2019 00:03
 Operator : JU
 Sample : K6024-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 02:29:45 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	6.88	152	144930	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	564344	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	288648	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	460112	20.00	ng	0.00
76) Chrysene-d12	14.08	240	291362	20.00	ng	0.00
87) Perylene-d12	15.58	264	298795	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	744390	90.92	ng	0.01
7) Phenol-d6	6.51	99	960979	97.31	ng	0.00
23) Nitrobenzene-d5	7.44	82	605103	63.74	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	271989	89.00	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1088665	67.66	ng	0.00
79) Terphenyl-d14	13.02	244	855190	53.64	ng	0.00

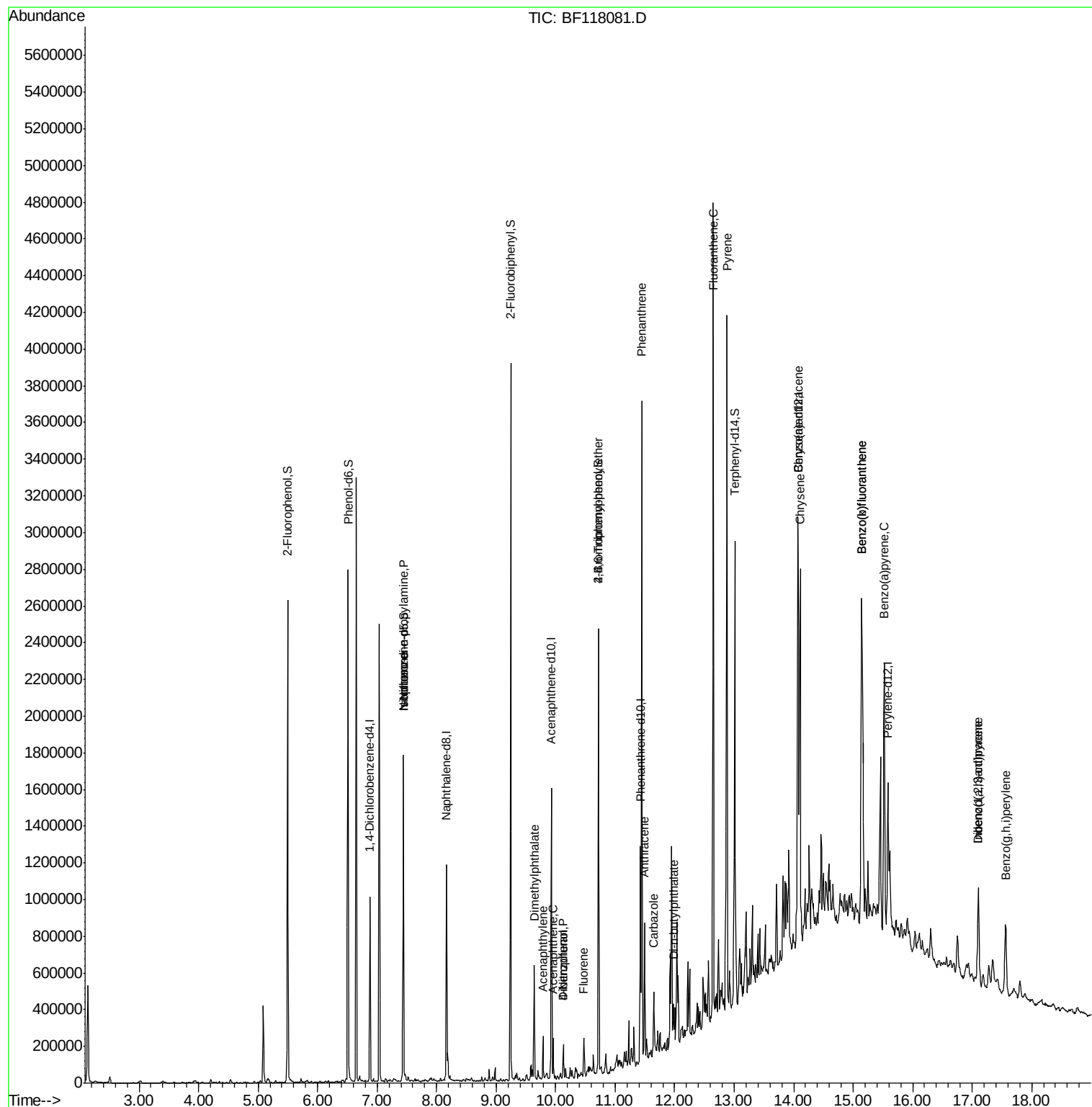
Target Compounds				Qvalue		
9) Benzaldehyde	6.43	77	2446	Below Cal		94
19) n-Nitroso-di-n-propylamine	7.44	70	86695	14.230 ng	#	72
25) Isophorone	7.44	82	602658	34.636 ng	#	63
49) Acenaphthylene	9.79	152	88773	3.456 ng		99
50) Dimethylphthalate	9.64	163	229787	11.352 ng		100
52) Acenaphthene	9.96	154	43149	2.622 ng		99
55) Dibenzofuran	10.13	168	48141	2.113 ng		97
56) 4-Nitrophenol	10.13	139	19343	4.896 ng	#	12
58) Fluorene	10.48	166	56759	3.215 ng		95
67) 4-Bromophenyl-phenylether	10.72	248	17417	3.508 ng	#	1
71) Phenanthrene	11.45	178	1254269	54.220 ng		100
72) Anthracene	11.50	178	263508	11.489 ng		99
73) Carbazole	11.65	167	126845	6.329 ng		98
74) Di-n-butylphthalate	11.98	149	92443	3.704 ng		98
75) Fluoranthene	12.65	202	1794752	93.270 ng		98
78) Pyrene	12.88	202	1638831	69.600 ng		99
81) Benzo(a)anthracene	14.07	228	885739	46.004 ng		96
83) Chrysene	14.11	228	804438	43.118 ng		97
86) Indeno(1,2,3-cd)pyrene	17.10	276	351684	22.148 ng		95
88) Benzo(b)fluoranthene	15.14	252	1381392	71.159 ng		98
89) Benzo(k)fluoranthene	15.14	252	1381392	75.522 ng		97
90) Benzo(a)pyrene	15.52	252	695194	40.725 ng		96
91) Dibenzo(a,h)anthracene	17.11	278	90989	6.193 ng	#	89
92) Benzo(g,h,i)perylene	17.56	276	313410	21.416 ng		98

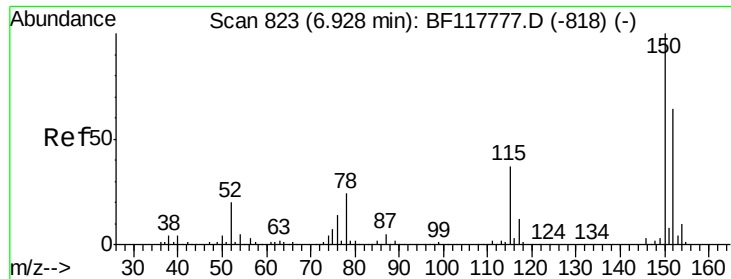
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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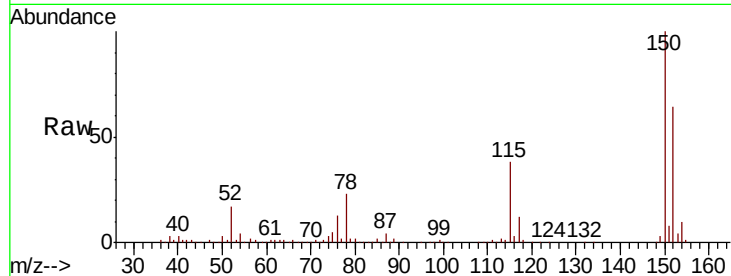


#1

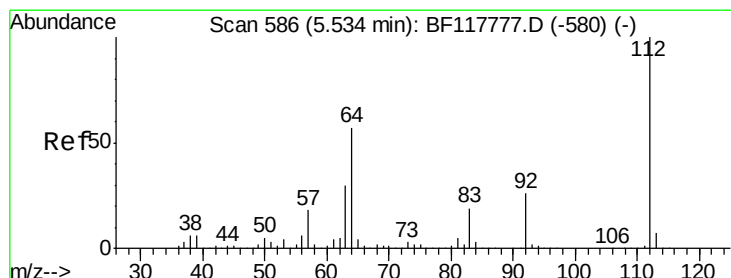
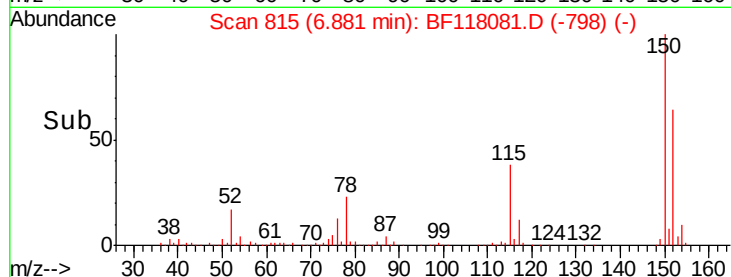
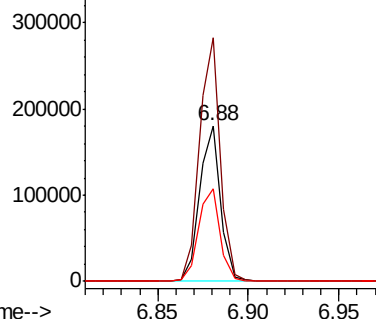
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144930
Ion Ratio Lower Upper
152 100
150 156.3 121.4 182.2
115 59.5 48.8 73.2



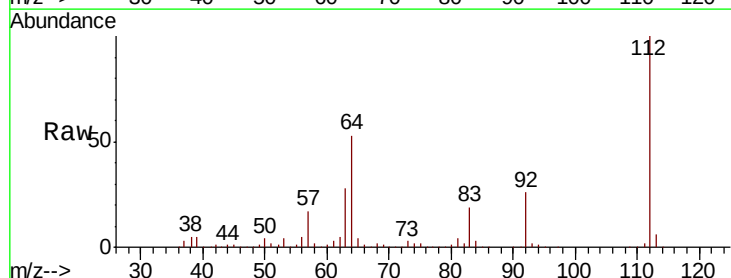
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



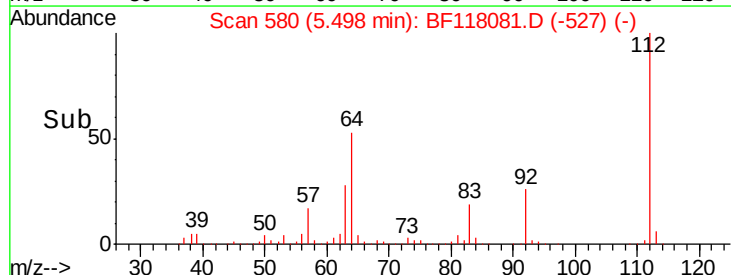
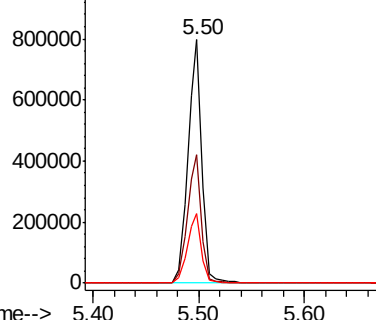
#5

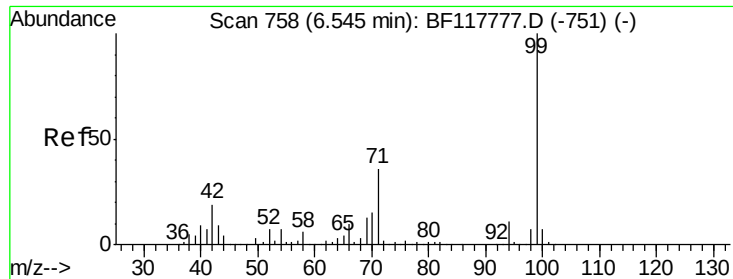
2-Fluorophenol
Concen: 90.916 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

Tgt Ion:112 Resp: 744390
Ion Ratio Lower Upper
112 100
64 52.6 45.1 67.7
63 28.3 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: 97.308 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

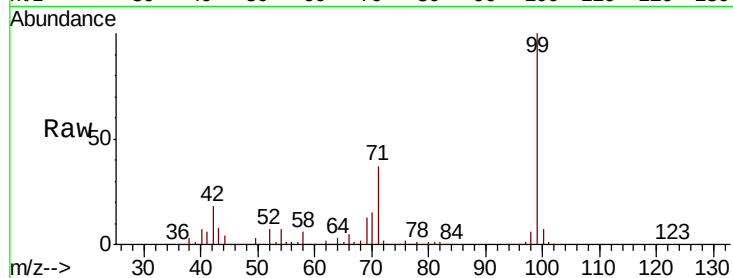
Tot Ion: 99 Resp: 960979

Ion Ratio Lower Upper

99 100

42 17.6 14.0 21.0

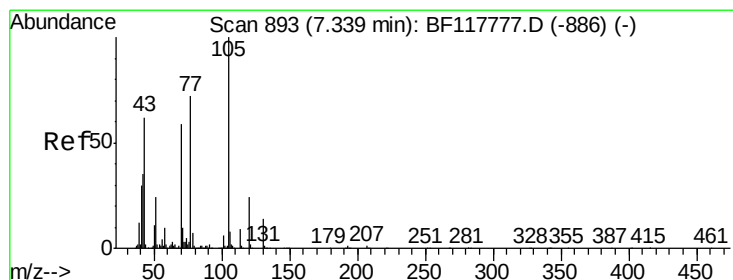
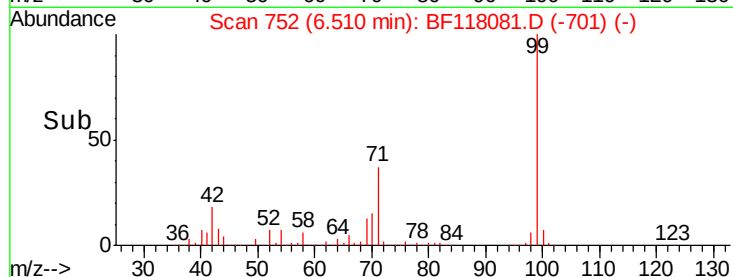
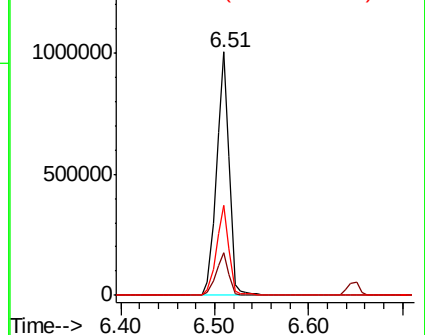
71 36.9 29.2 43.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.230 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

Tgt Ion: 70 Resp: 86695

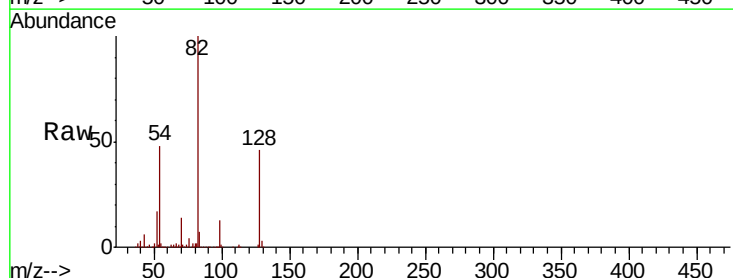
Ion Ratio Lower Upper

70 100

42 42.8 46.0 69.0#

101 0.0 8.8 13.2#

130 2.2 19.8 29.6#

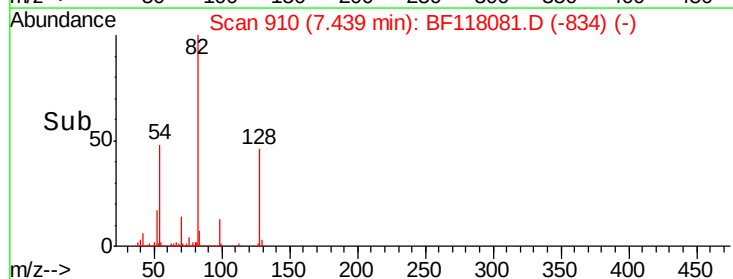
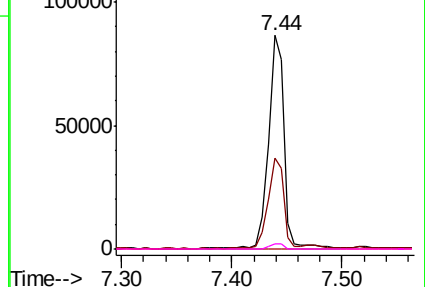


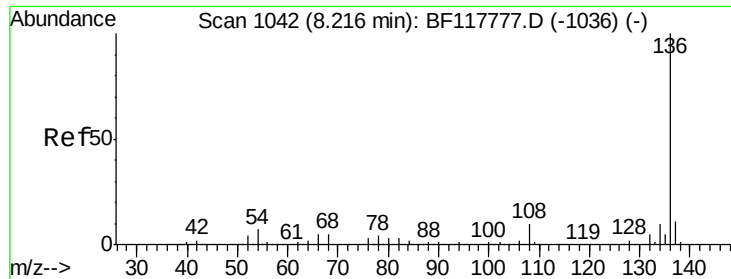
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

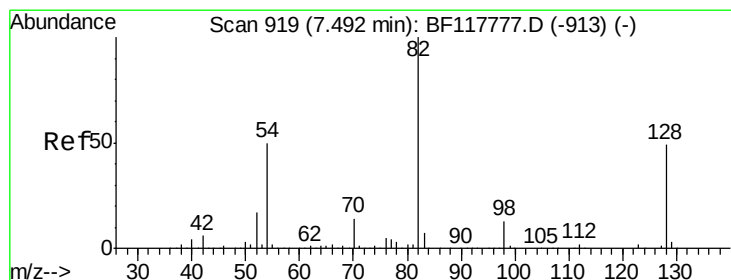
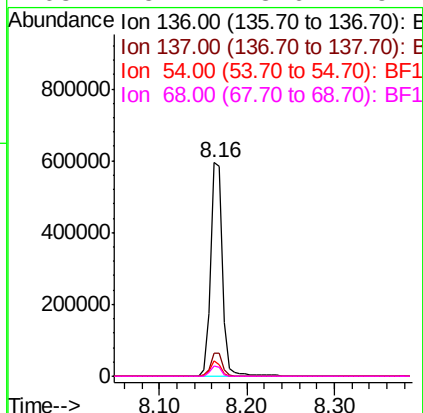
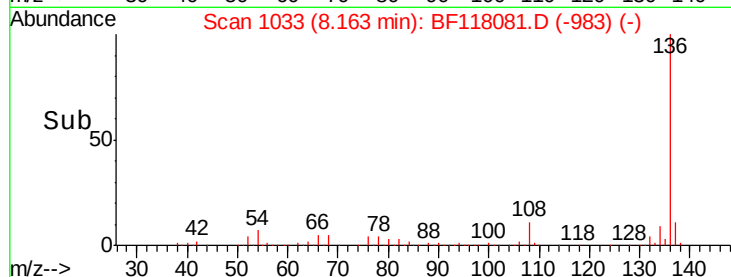
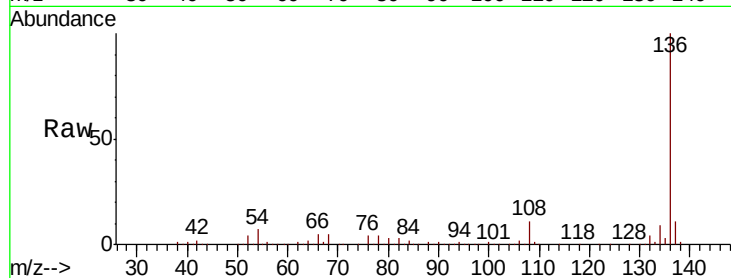




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

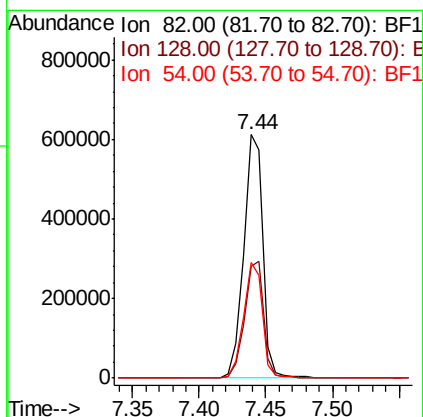
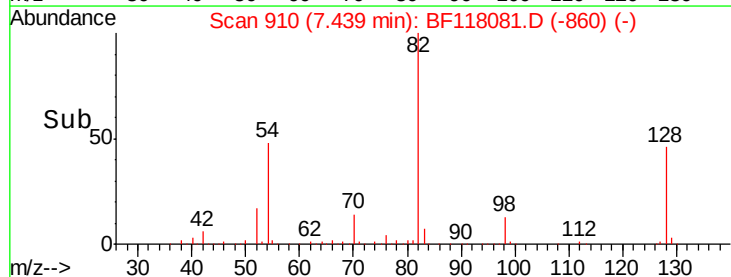
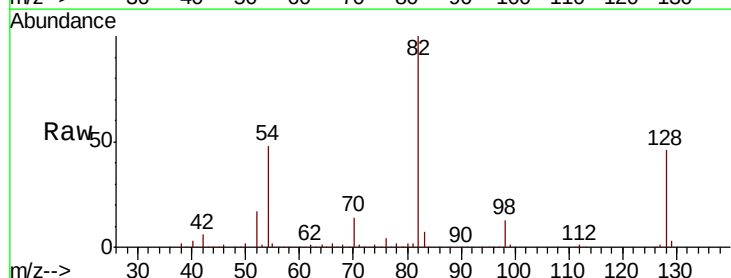
Instrument :
BNA_F
ClientSampleId :

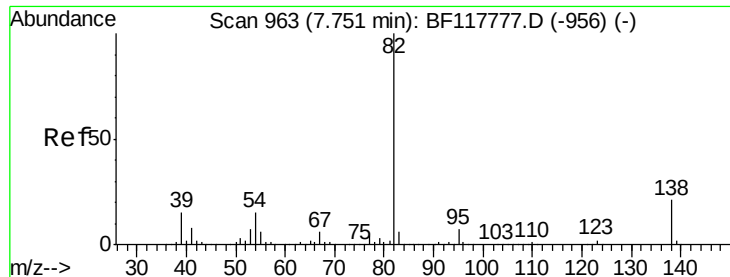
Tot Ion:136	Resp:	564344
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	7.0	4.9 7.3
68	5.1	3.6 5.4



#23
Nitrobenzene-d5
Concen: 63.739 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

Tgt Ion: 82	Resp:	605103
Ion	Ratio	Lower Upper
82	100	
128	46.1	38.2 57.4
54	47.5	39.0 58.4





#25

Isophorone

Concen: 34.636 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

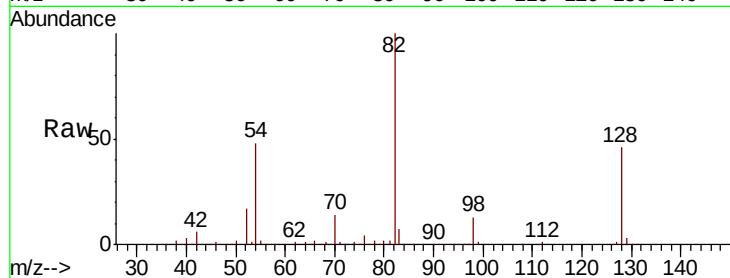
Tot Ion: 82 Resp: 602658

Ion Ratio Lower Upper

82 100

95 0.1 6.2 9.2#

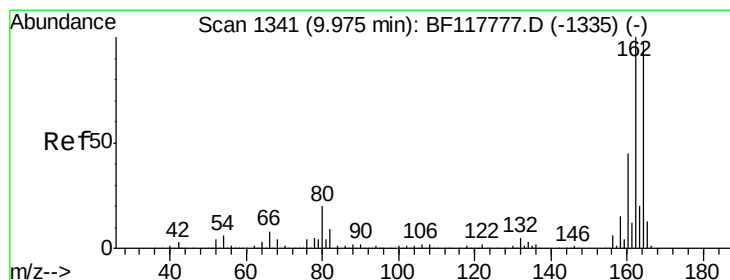
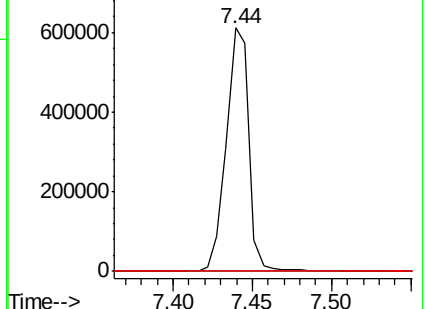
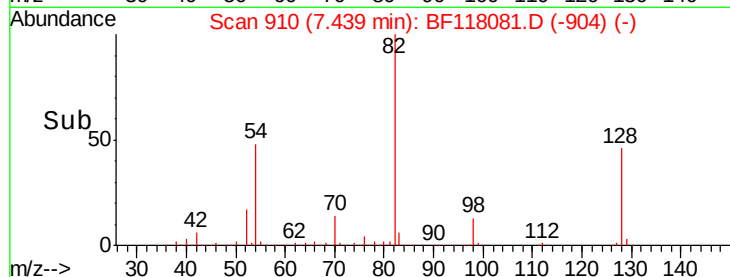
138 0.0 15.9 23.9#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

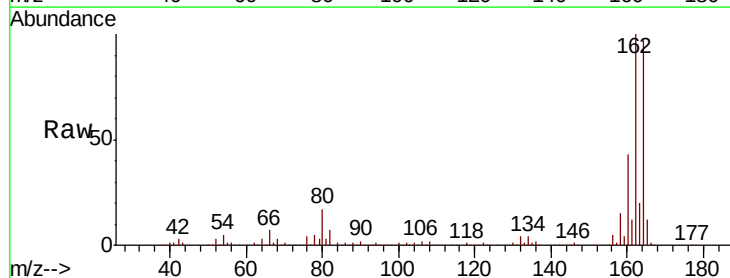
Tgt Ion: 164 Resp: 288648

Ion Ratio Lower Upper

164 100

162 103.6 81.8 122.8

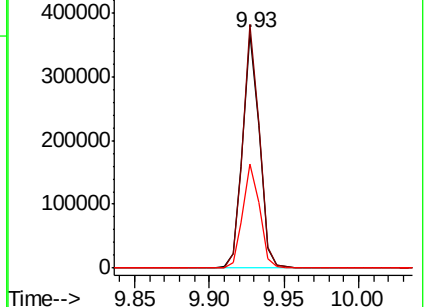
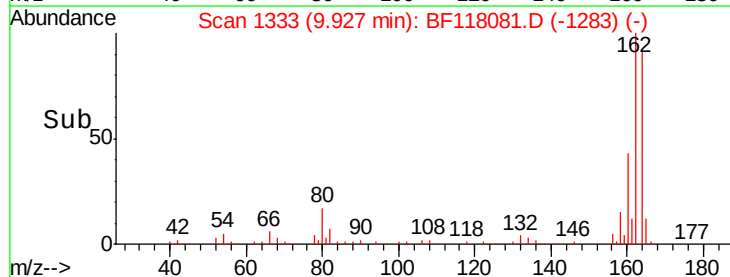
160 44.2 35.9 53.9

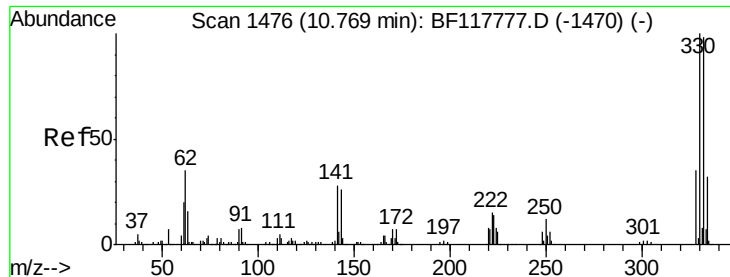


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 89.005 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

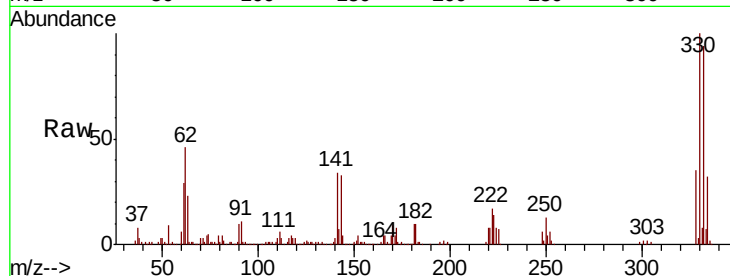
Tot Ion:330 Resp: 271989

Ion Ratio Lower Upper

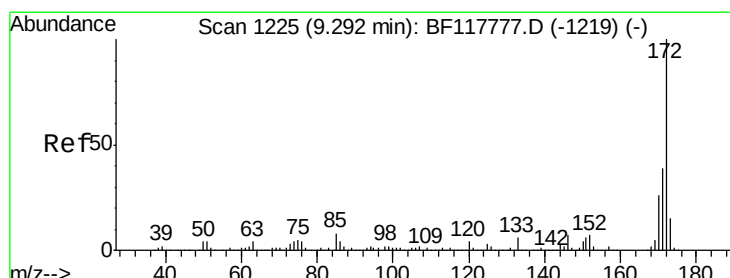
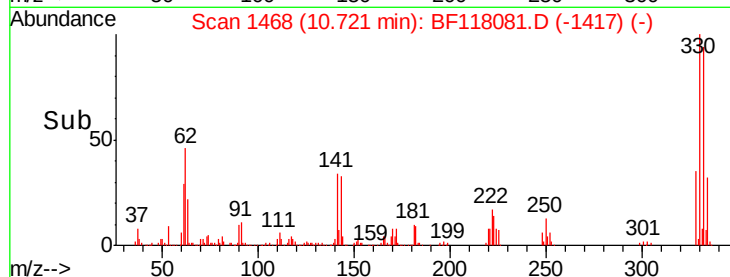
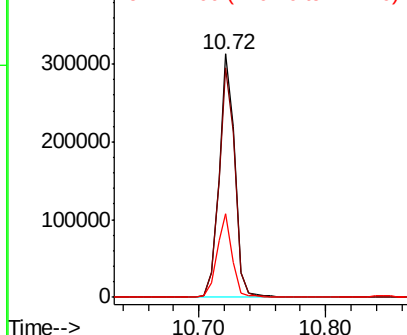
330 100

332 96.5 78.3 117.5

141 33.9 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: 67.664 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

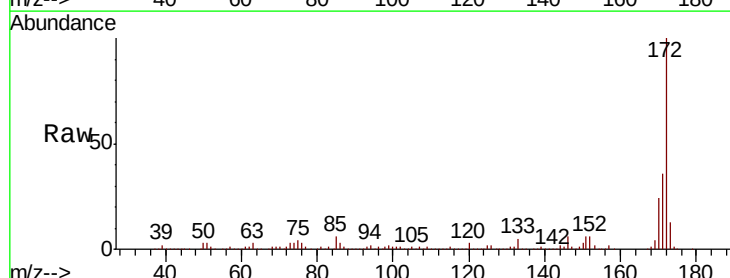
Tgt Ion:172 Resp: 1088665

Ion Ratio Lower Upper

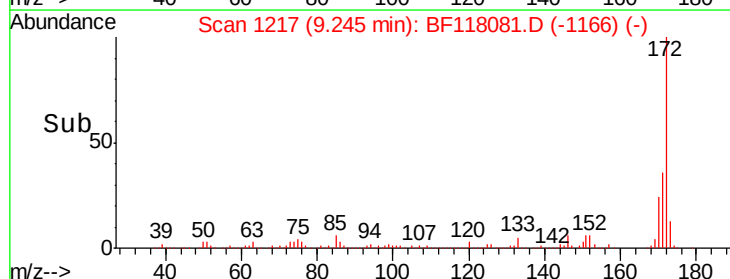
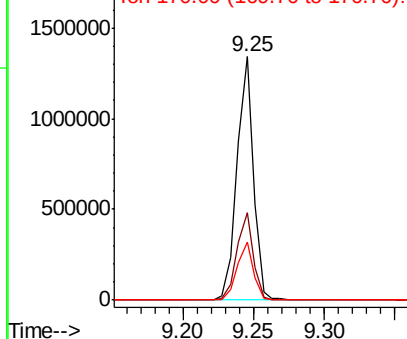
172 100

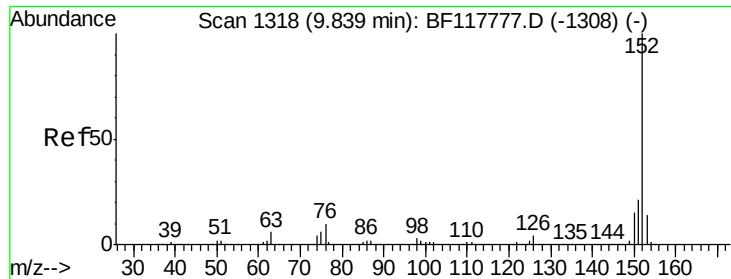
171 35.8 29.2 43.8

170 23.7 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: 3.456 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

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ClientSampleId :

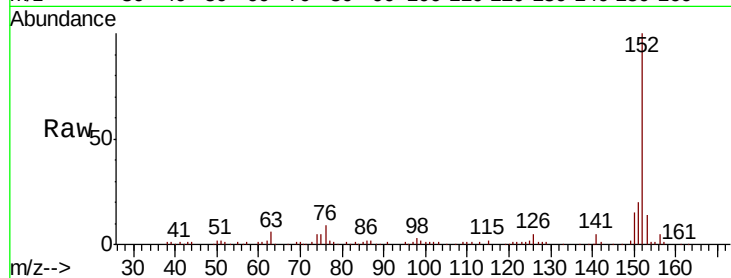
Tot Ion:152 Resp: 88773

Ion Ratio Lower Upper

152 100

151 20.4 16.7 25.1

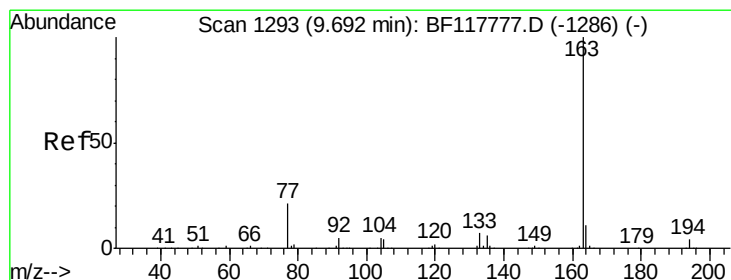
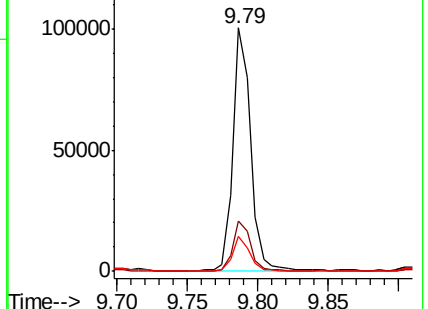
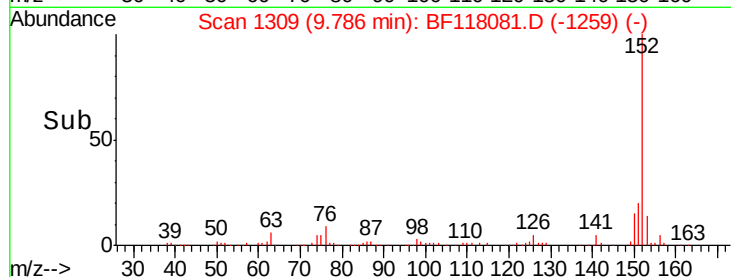
153 14.4 11.1 16.7



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: 11.352 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

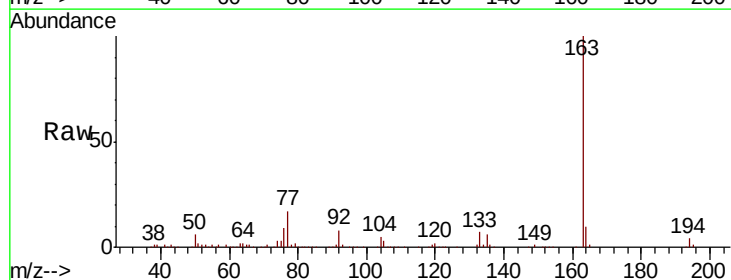
Tgt Ion:163 Resp: 229787

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

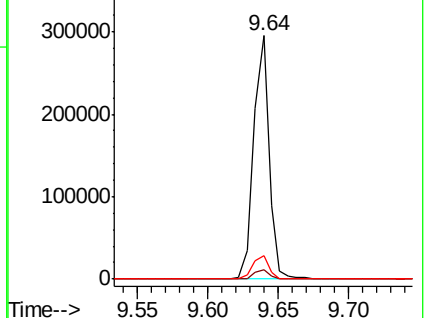
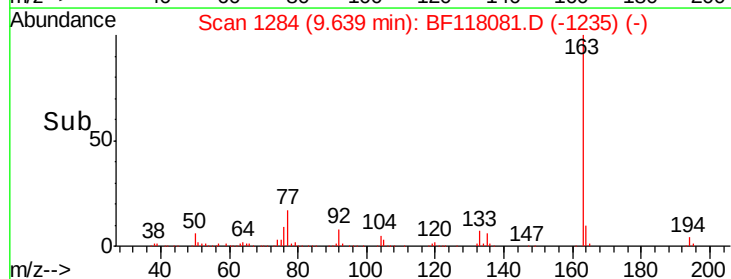
164 9.8 7.9 11.9

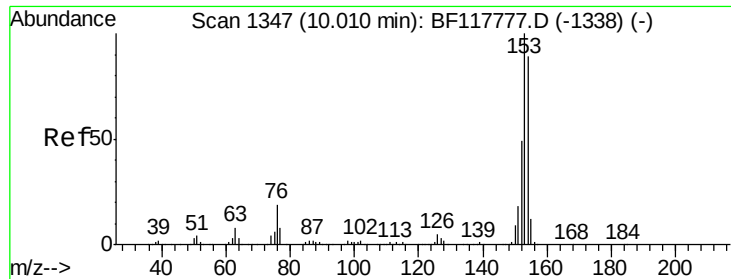


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 2.622 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

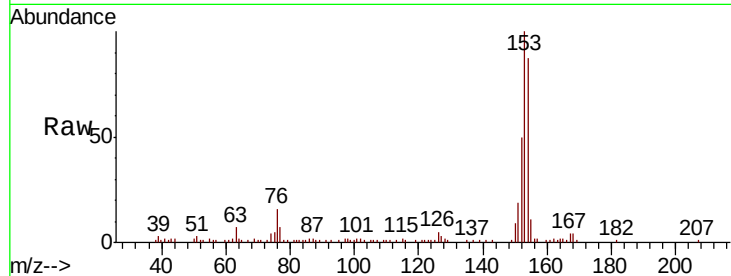
Tot Ion:154 Resp: 43149

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

152 56.9 43.6 65.4

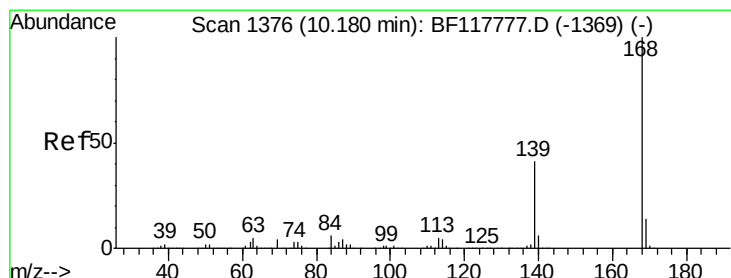
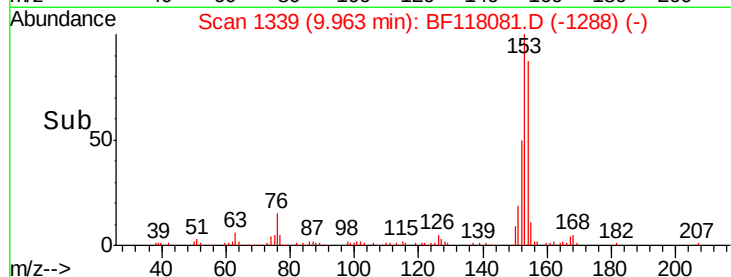
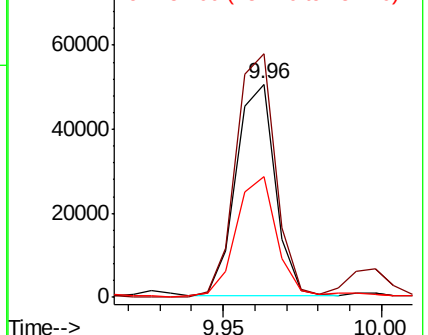


Abundance

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: 2.113 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

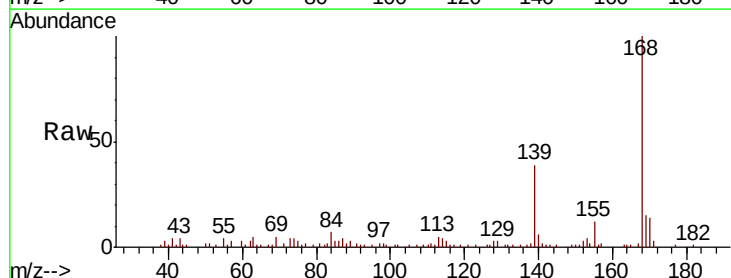
Tgt Ion:168 Resp: 48141

Ion Ratio Lower Upper

168 100

139 39.0 32.5 48.7

169 14.6 10.8 16.2

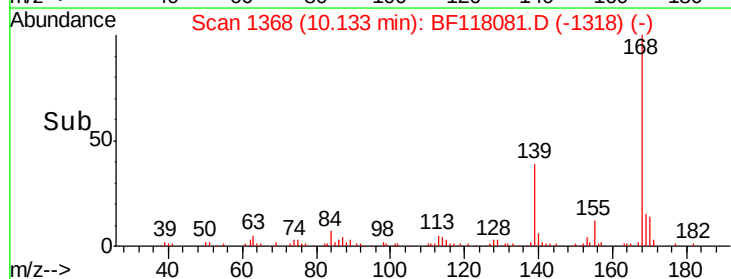
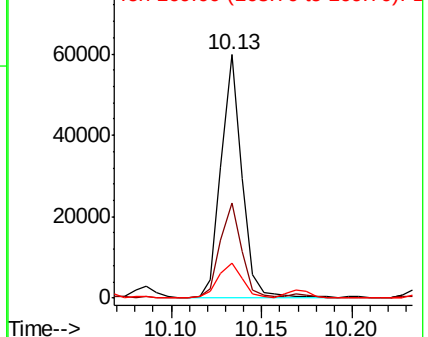


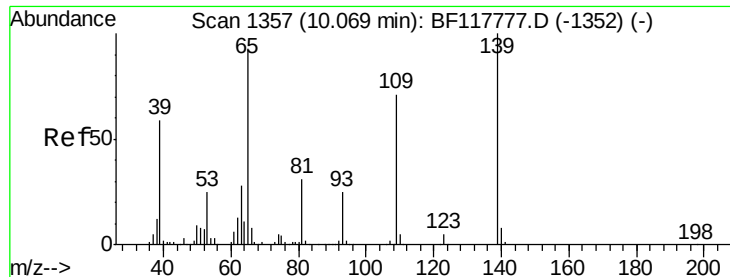
Abundance

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

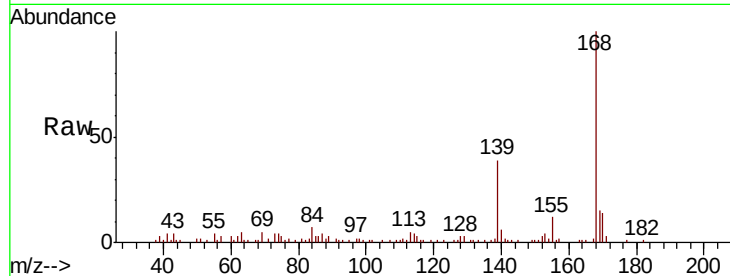




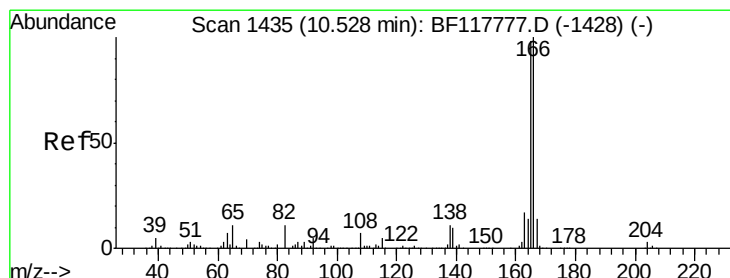
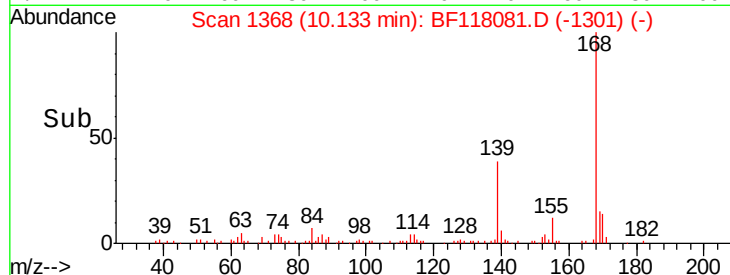
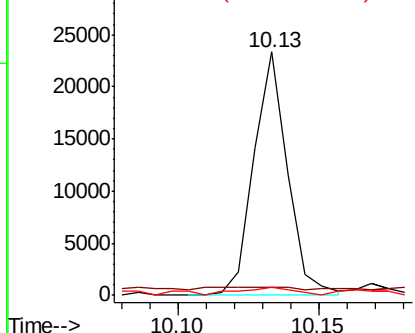
#56
4-Nitrophenol
Concen: 4.896 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.09 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 19343
Ion Ratio Lower Upper
139 100
109 3.4 55.2 95.2#
65 3.3 68.7 108.7#

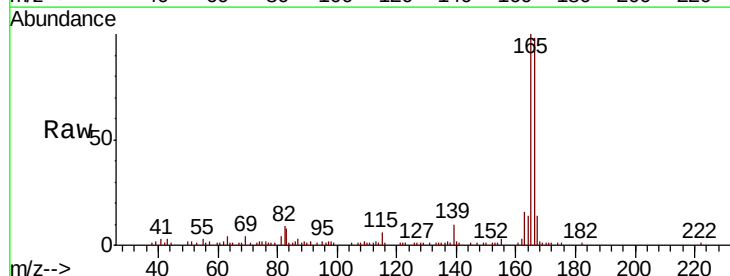


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

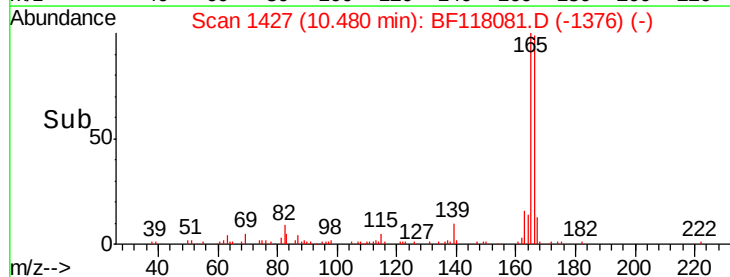
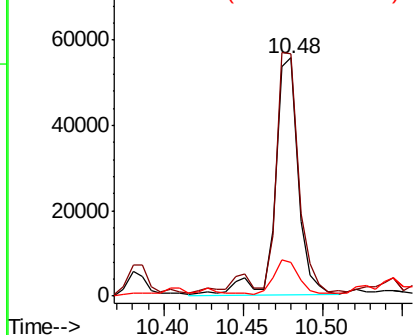


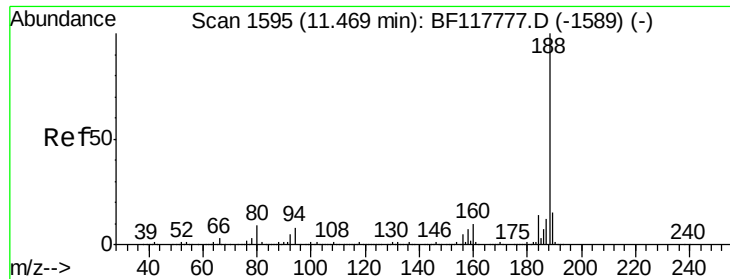
#58
Fluorene
Concen: 3.215 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

Tgt Ion:166 Resp: 56759
Ion Ratio Lower Upper
166 100
165 101.6 77.4 116.2
167 14.3 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: BF118081.D

Acq: 4 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

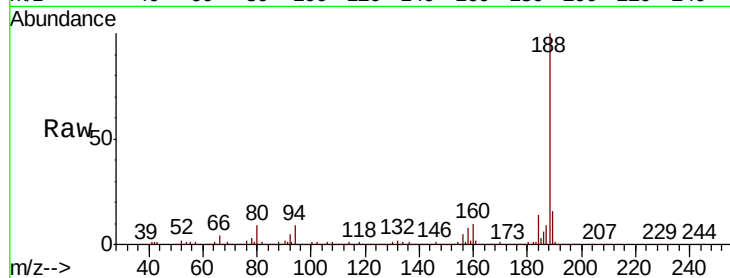
Tot Ion:188 Resp: 460112

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

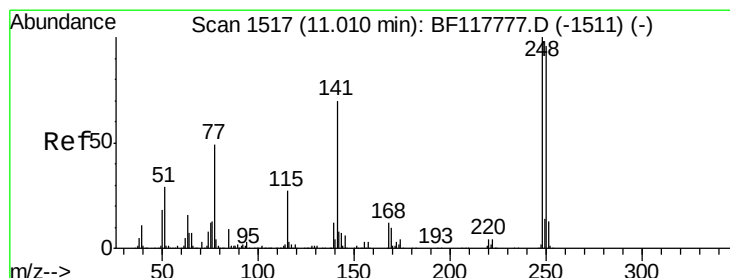
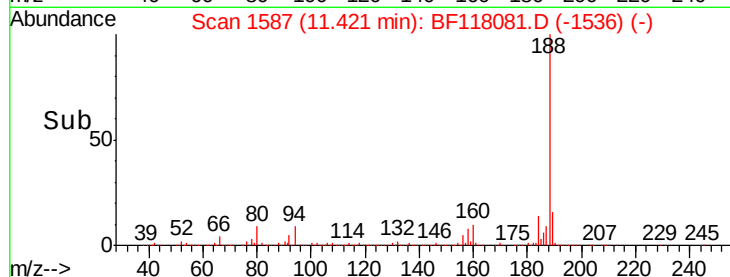
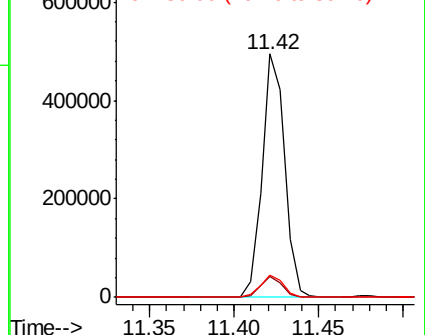
80 9.2 7.2 10.8



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: 3.508 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.24 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

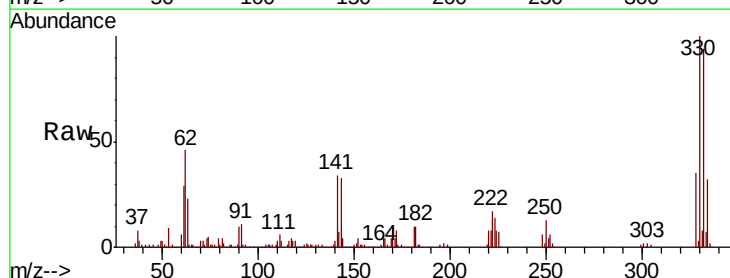
Tgt Ion:248 Resp: 17417

Ion Ratio Lower Upper

248 100

250 202.4 78.0 117.0#

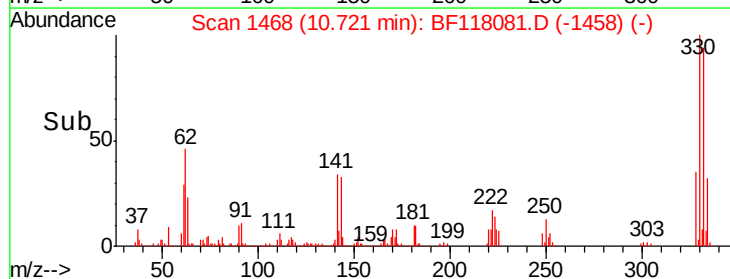
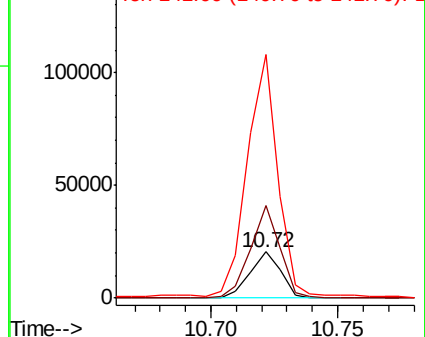
141 530.7 64.0 96.0#

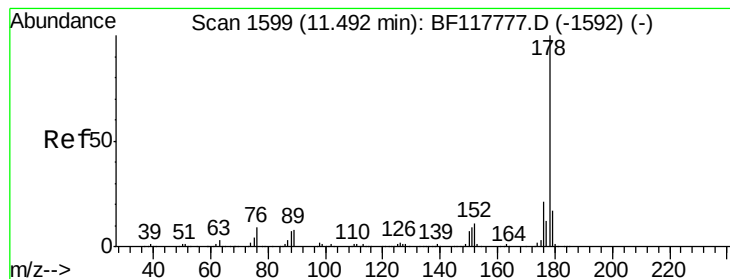


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 54.220 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

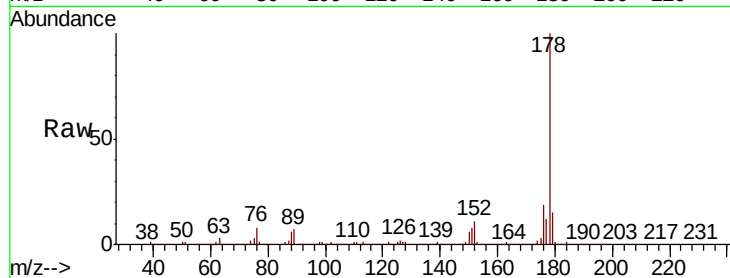
Tot Ion:178 Resp: 1254269

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.5	12.3	18.5

178 100

176 19.1 15.4 23.0

179 15.5 12.3 18.5

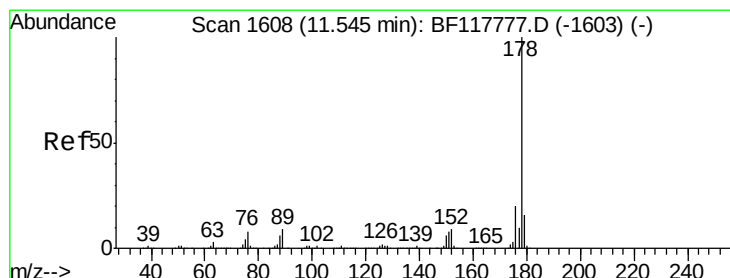
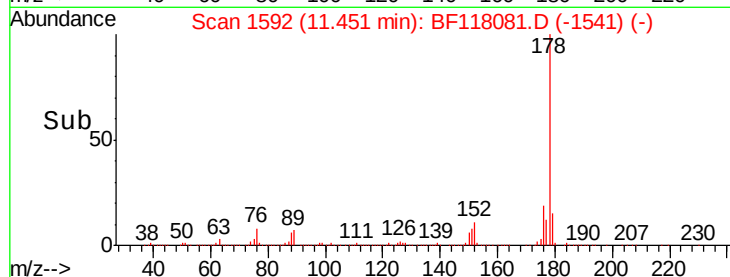
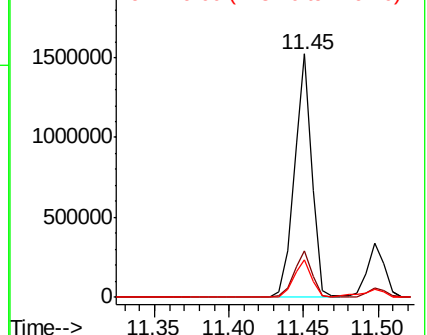


Abundance

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: 11.489 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

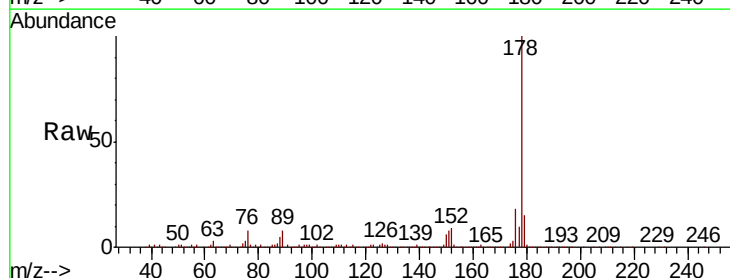
Tgt Ion:178 Resp: 263508

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.1	12.8	19.2

178 100

176 18.5 15.0 22.6

179 15.1 12.8 19.2

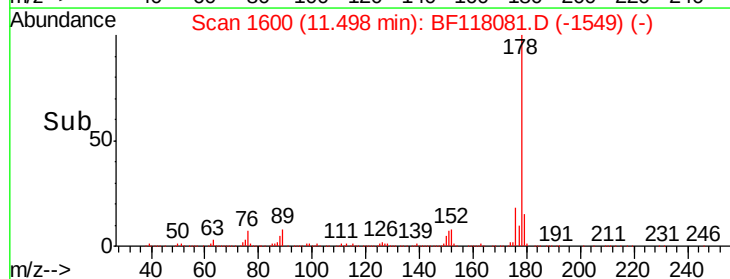
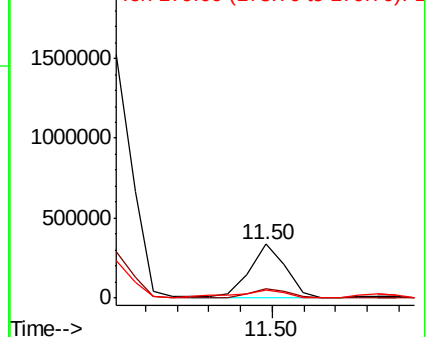


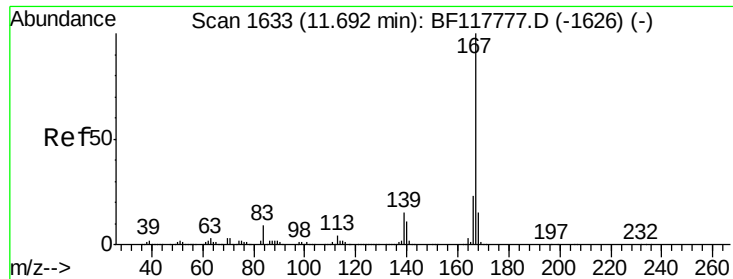
Abundance

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

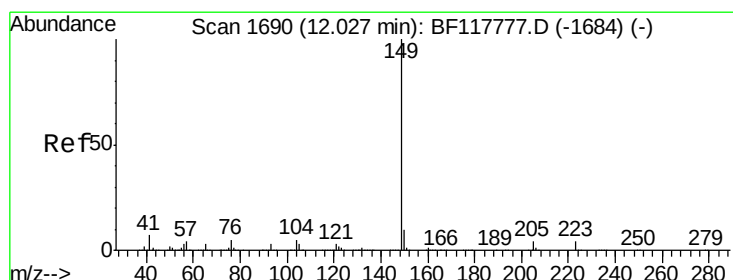
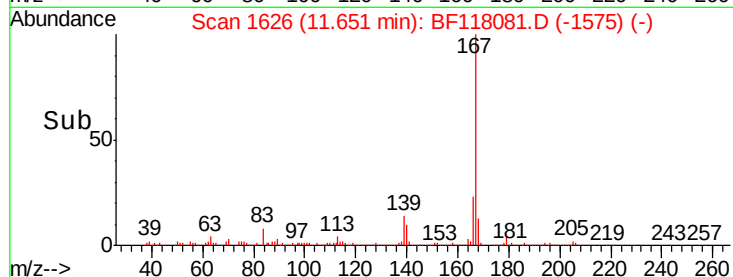
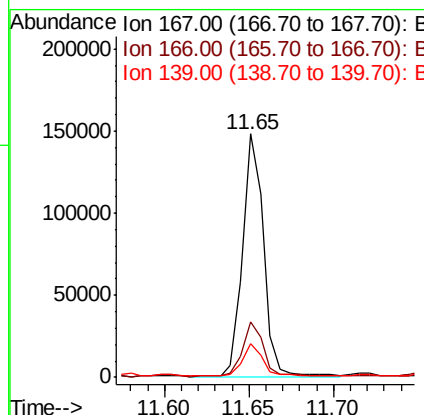
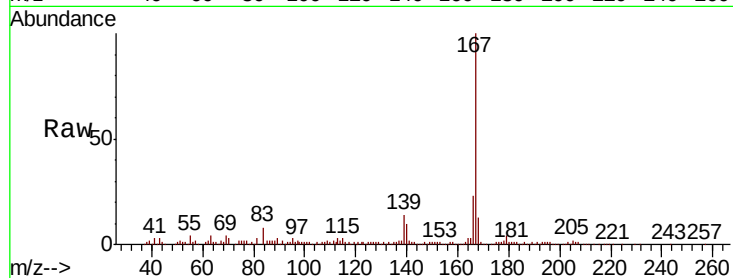




#73
 Carbazole
 Concen: 6.329 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BF118081.D
 Acq: 4 Dec 2019 00:03

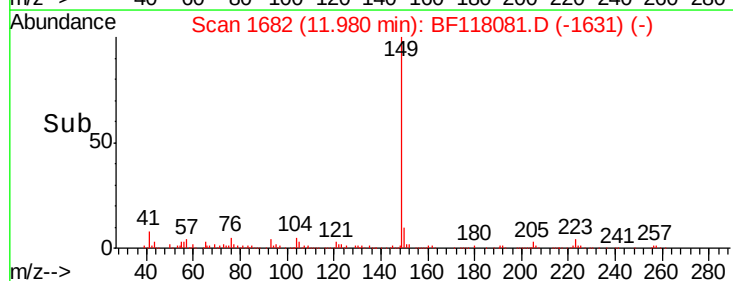
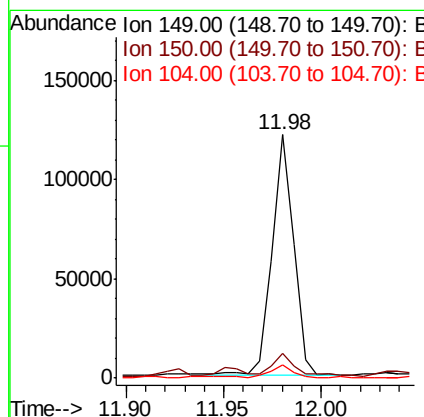
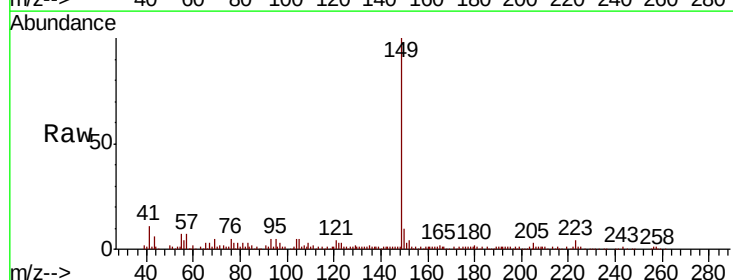
Instrument :
 BNA_F
 ClientSampleId :

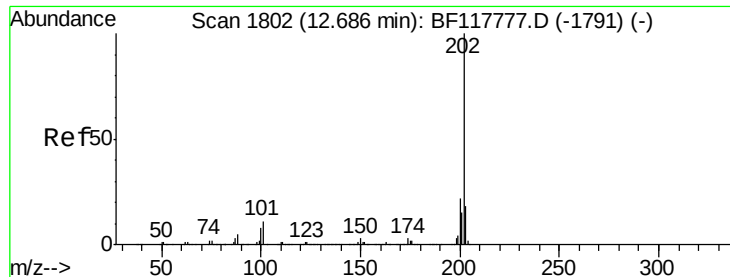
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	13.9	11.5	17.3



#74
 Di-n-butylphthalate
 Concen: 3.704 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF118081.D
 Acq: 4 Dec 2019 00:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.5	11.3
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 93.270 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

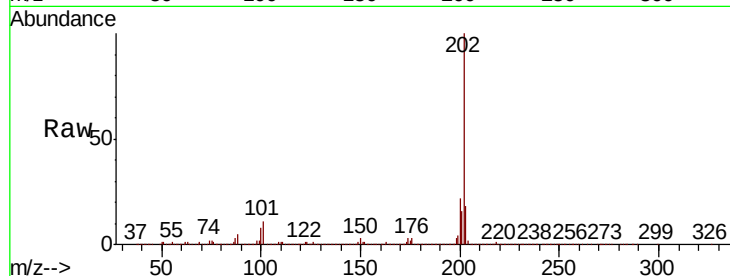
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 1794752

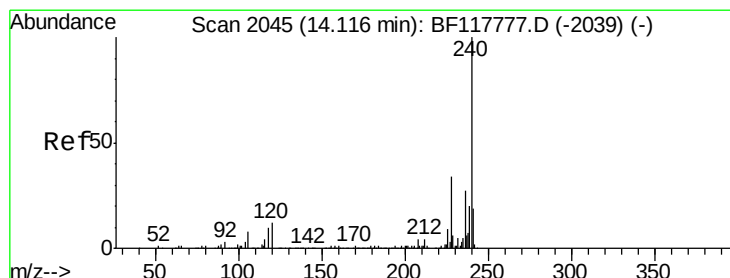
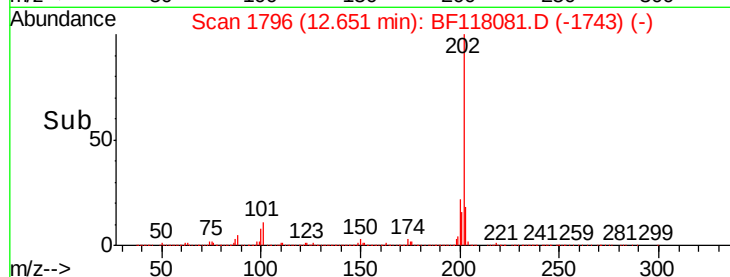
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	18.3	0.0	37.6



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: 14.08 min Scan# 2039

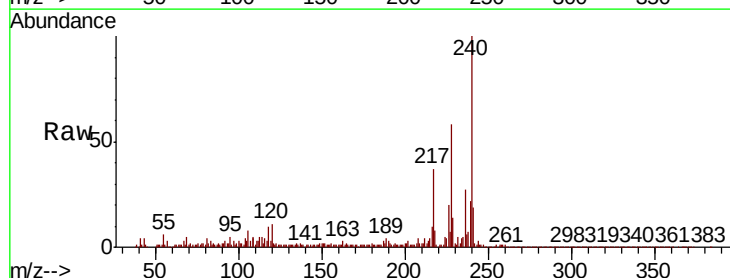
Delta R.T. 0.01 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

Tgt Ion:240 Resp: 291362

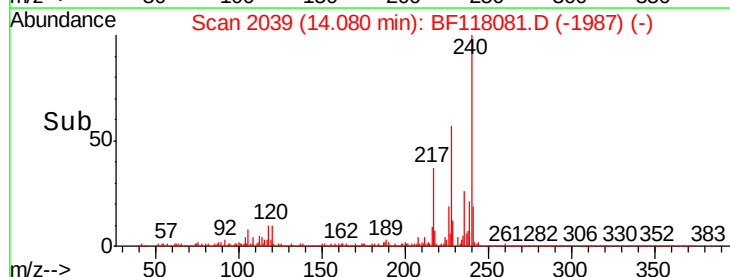
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	26.8	20.6	31.0

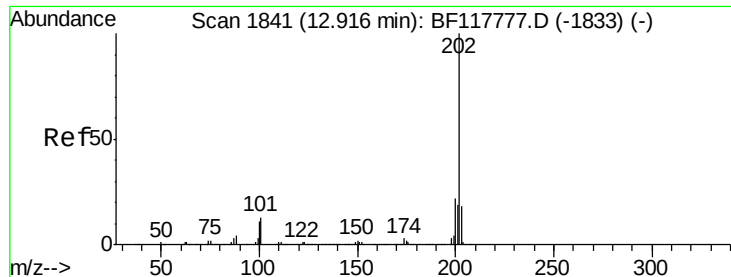


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

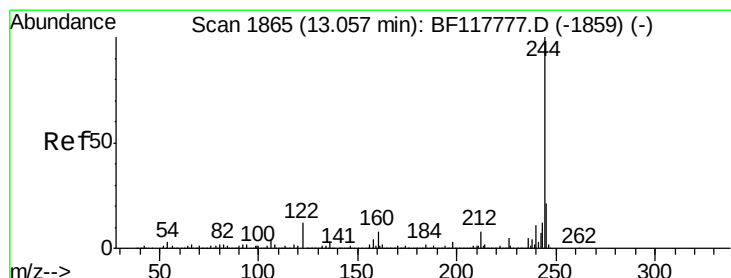
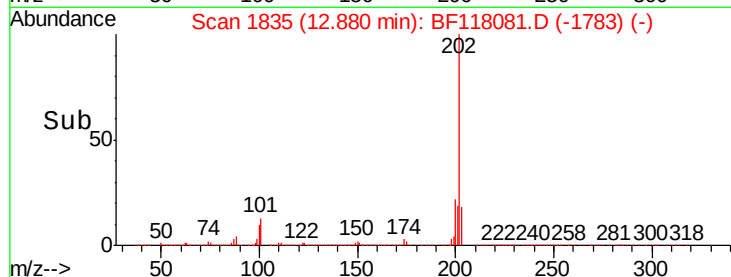
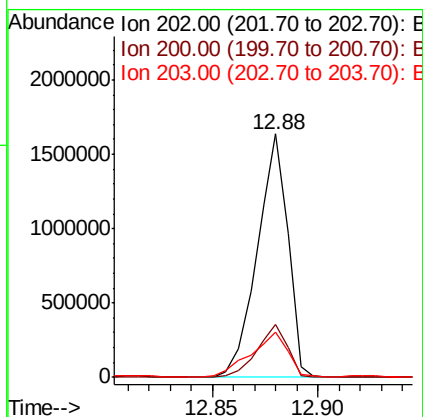
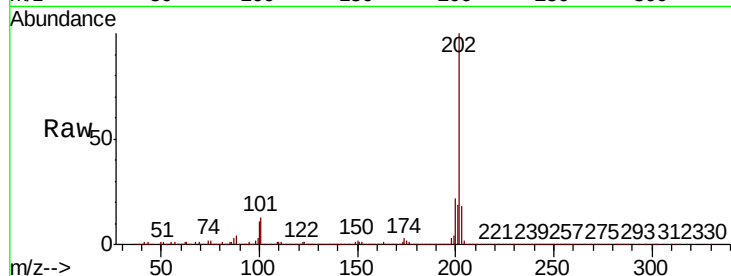




#78
Pvrene
Concen: 69.600 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

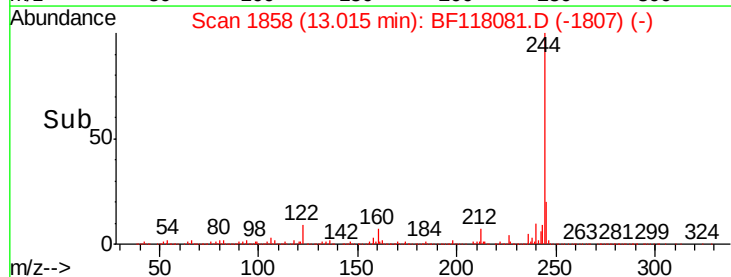
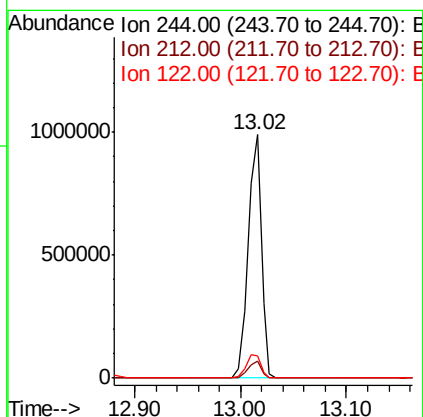
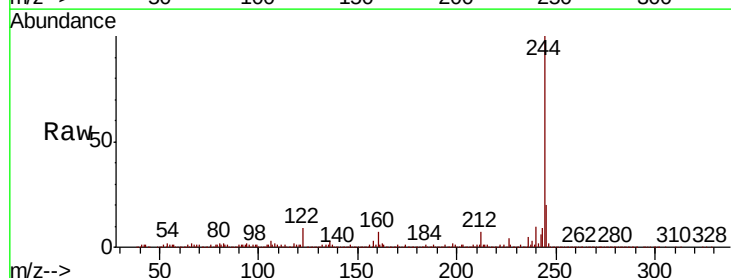
Instrument :
BNA_F
ClientSampleId :

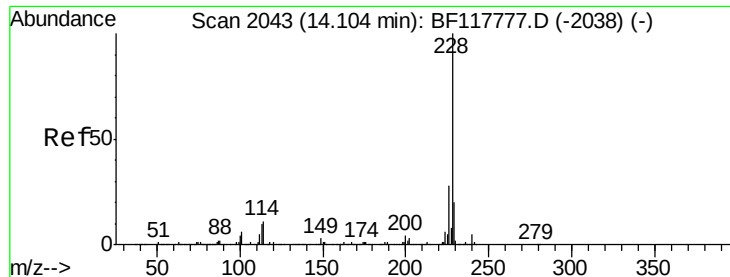
Tot Ion:202 Resp: 1638831
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 18.3 14.2 21.4



#79
Terphenyl-d14
Concen: 53.643 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

Tgt Ion:244 Resp: 855190
Ion Ratio Lower Upper
244 100
212 6.8 5.2 7.8
122 9.2 7.2 10.8

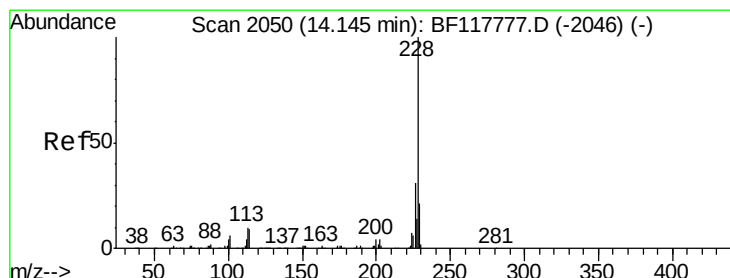
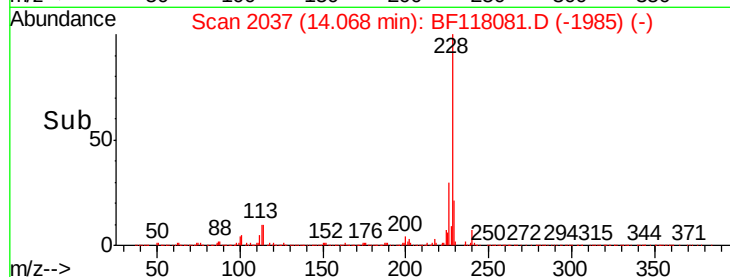
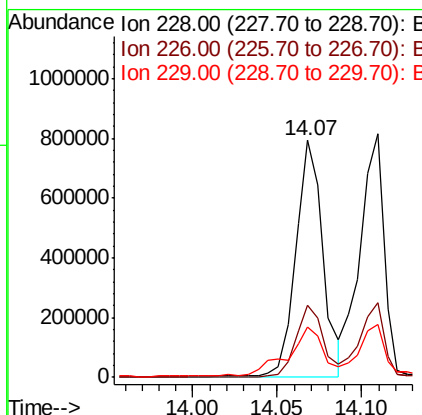
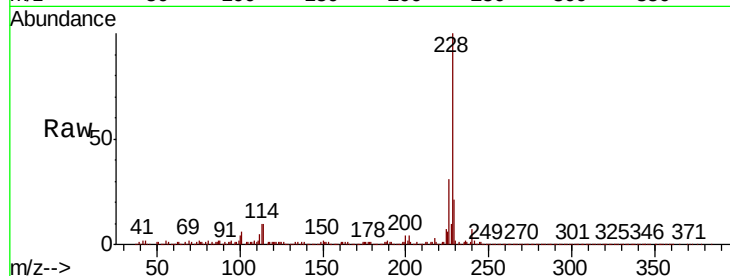




#81
Benzo(a)anthracene
Concen: 46.004 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

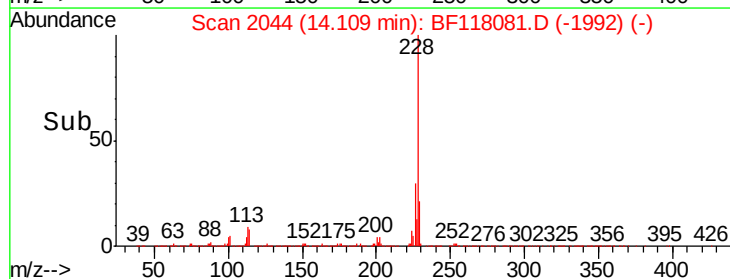
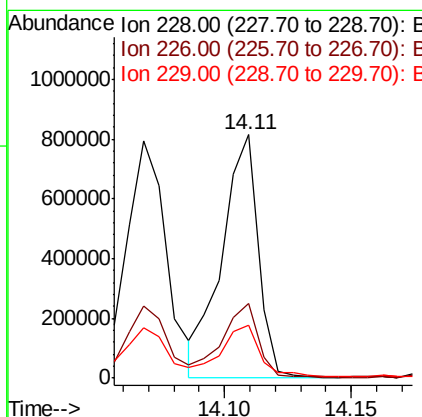
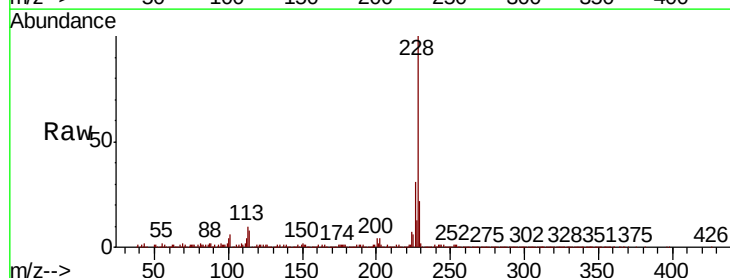
Instrument :
BNA_F
ClientSampleId :

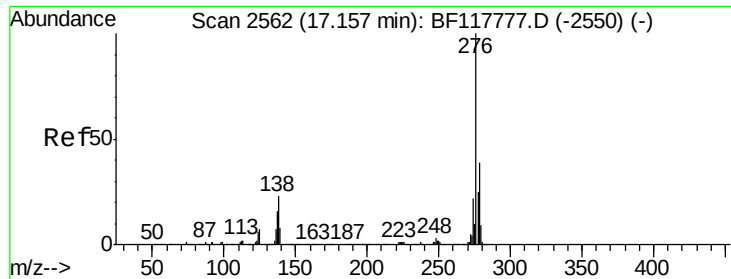
Tot Ion:228 Resp: 885739
Ion Ratio Lower Upper
228 100
226 30.5 21.9 32.9
229 21.2 16.2 24.2



#83
Chrysene
Concen: 43.118 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

Tgt Ion:228 Resp: 804438
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.7 16.2 24.2

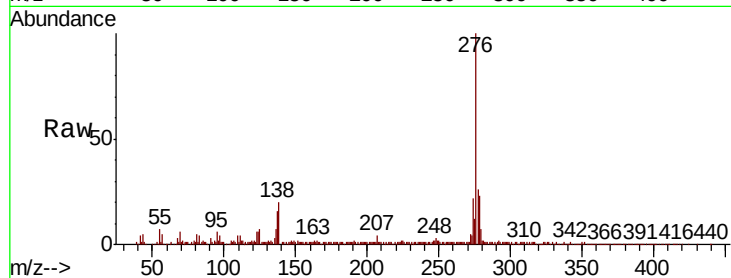




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 22.148 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. 0.02 min
 Lab File: BF118081.D
 Acq: 4 Dec 2019 00:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	19.0	28.6
277	24.7	20.7	31.1

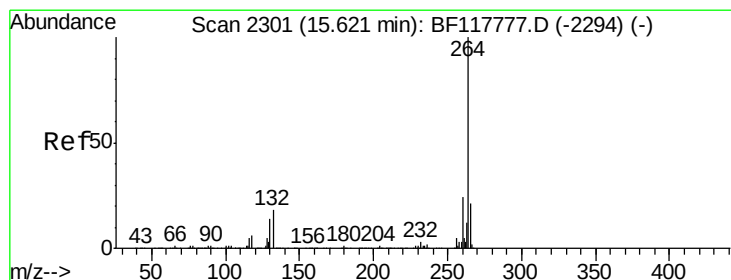
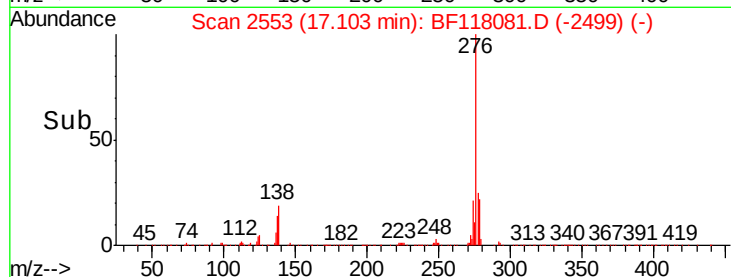
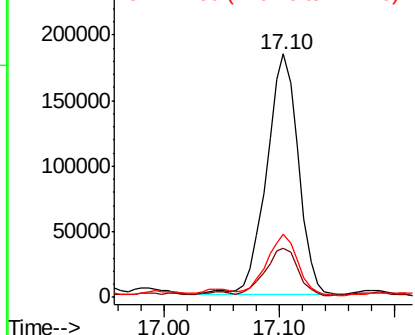


Abundance

Ion 276.00 (275.70 to 276.70): E

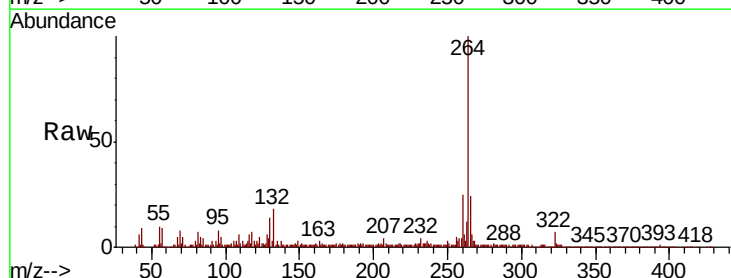
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF118081.D
 Acq: 4 Dec 2019 00:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.0	28.6
265	24.0	16.4	24.6

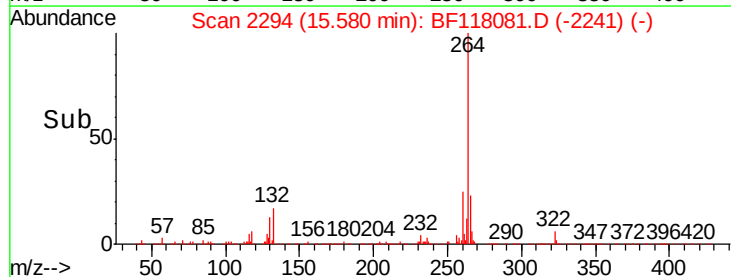
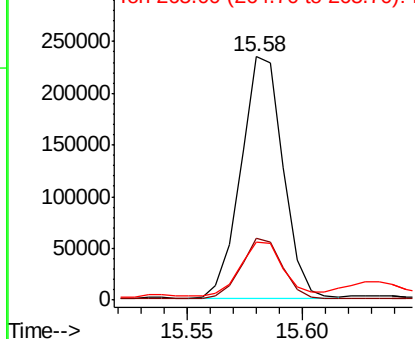


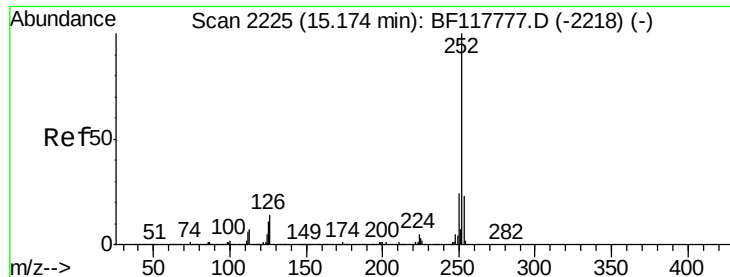
Abundance

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

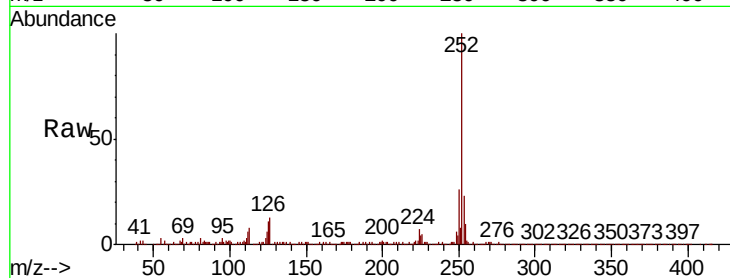




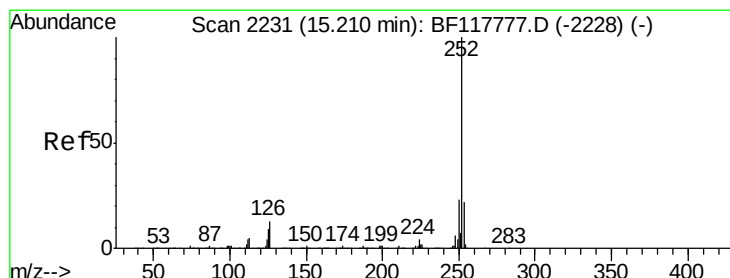
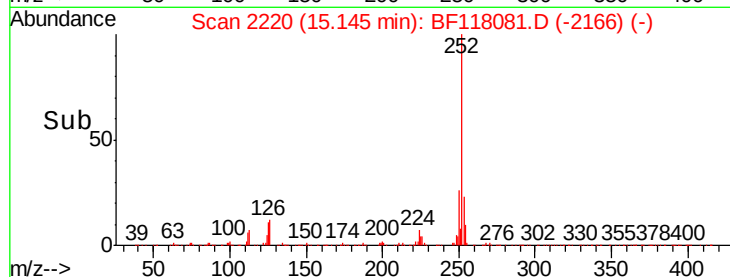
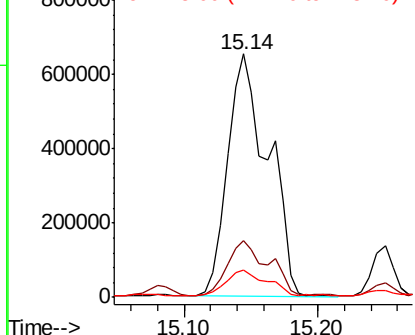
#88
Benzo(b)fluoranthene
Concen: 71.159 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1381392
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 11.4 7.7 11.5

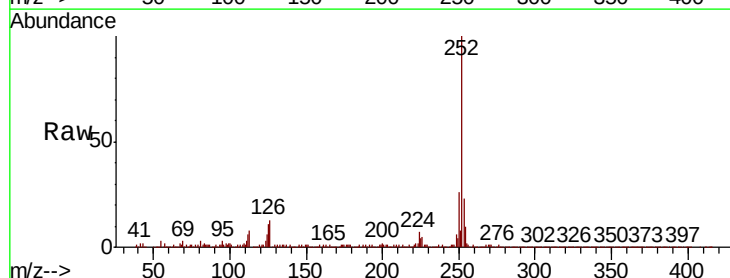


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

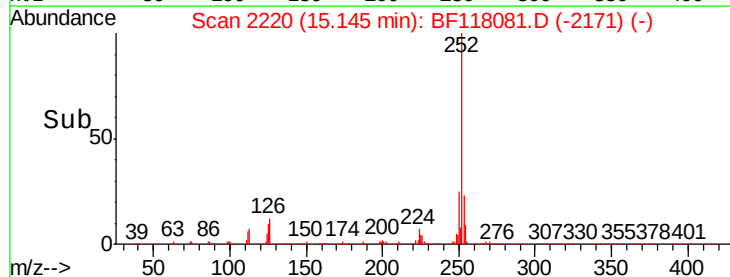
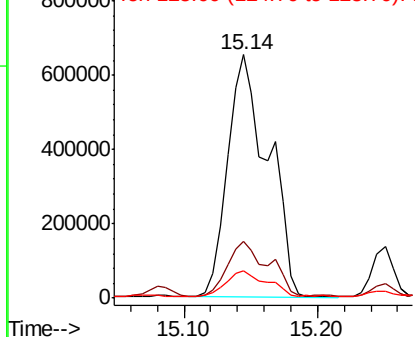


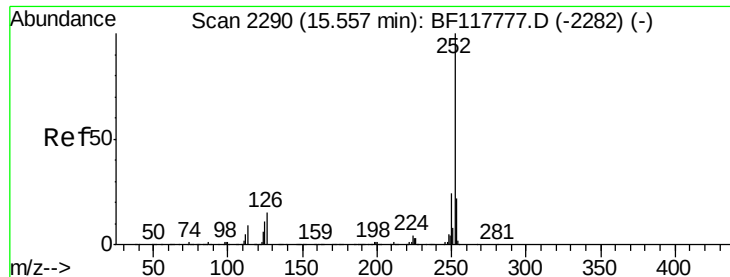
#89
Benzo(k)fluoranthene
Concen: 75.522 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118081.D
Acq: 4 Dec 2019 00:03

Tgt Ion:252 Resp: 1381392
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 11.4 8.5 12.7



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: 40.725 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.02 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

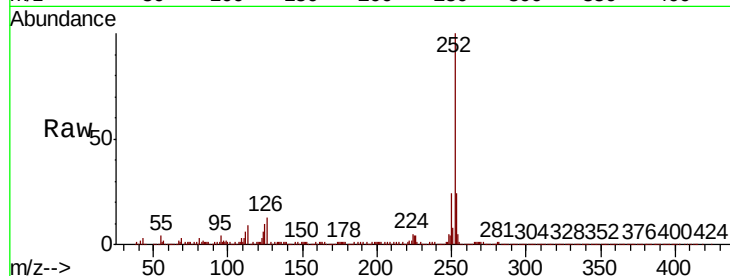
Tot Ion:252 Resp: 695194

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

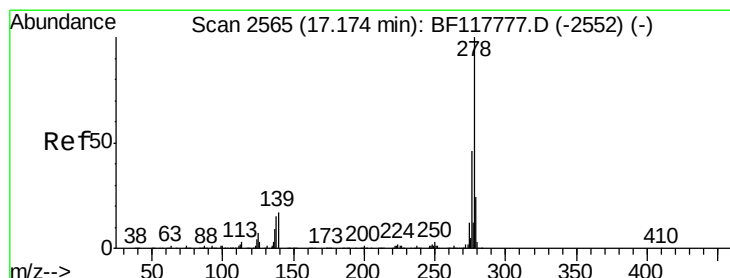
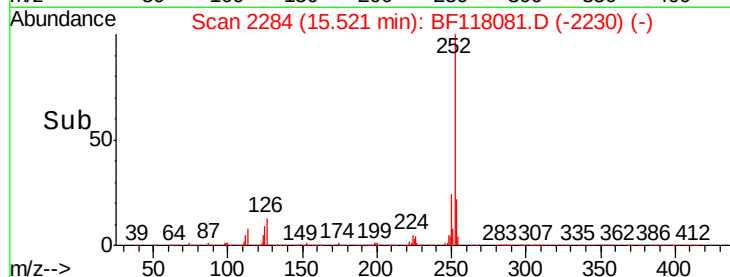
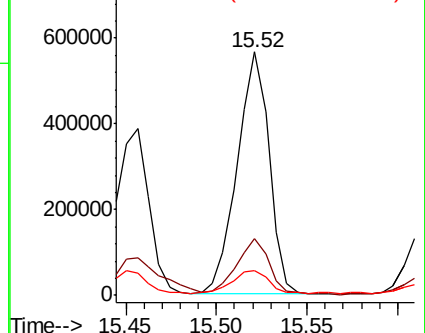
125 10.4 8.9 13.3



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: 6.193 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

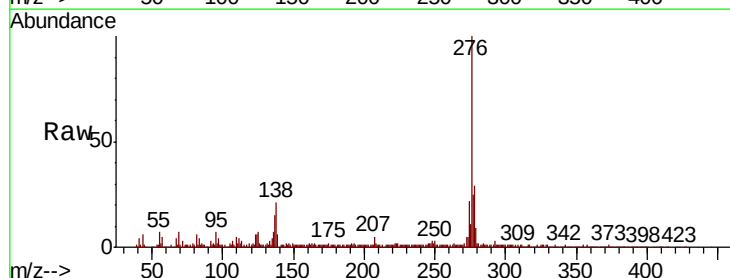
Tgt Ion:278 Resp: 90989

Ion Ratio Lower Upper

278 100

139 19.5 12.2 18.4#

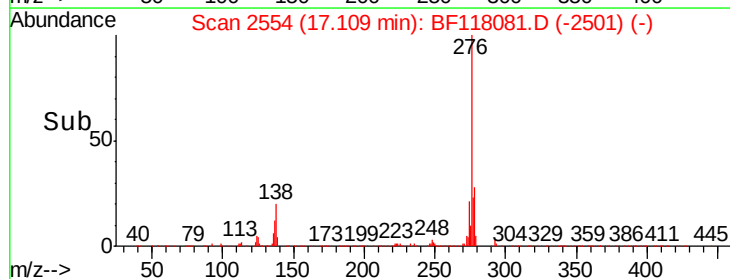
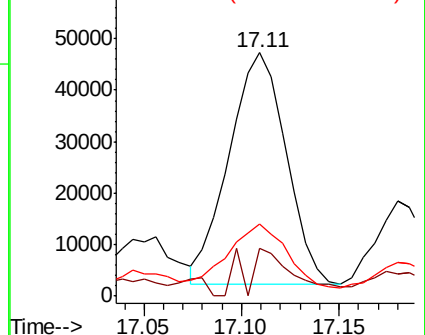
279 29.5 19.0 28.6#

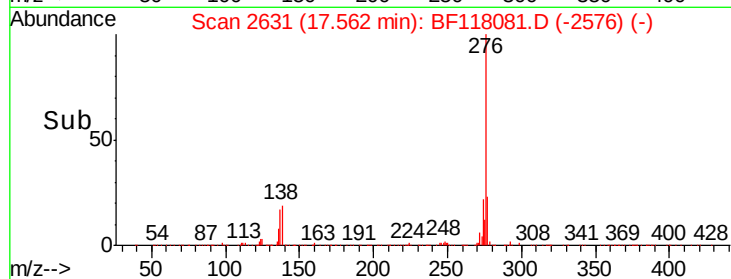
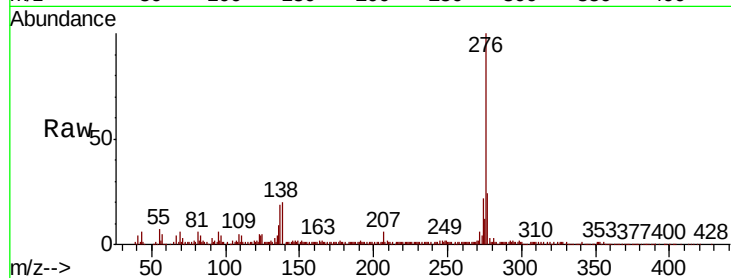
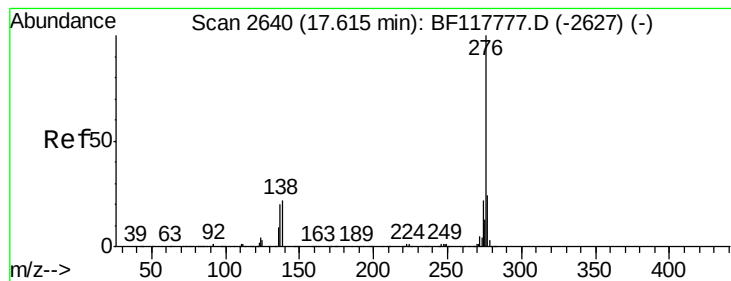


Abundance Ion 278.00 (277.70 to 278.70): E

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: 21.416 ng

RT: 17.56 min Scan# 2631

Delta R.T. 0.02 min

Lab File: BF118081.D

Acq: 4 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 313410

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 19.5 16.6 25.0

