

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121803.D
 Acq On : 2 Oct 2020 19:49
 Operator : JU/CG
 Sample : L4213-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-17(3-4)

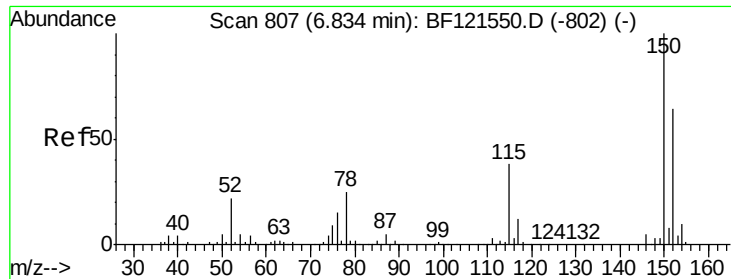
Quant Time: Oct 03 00:17:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	135801	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	496456	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	223236	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	344537	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	264548	20.00	ng	-0.01
86) Perylene-d12	15.36	264	244802	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	825821	90.37	ng	0.00
7) Phenol-d6	6.40	99	1065208	88.85	ng	-0.01
23) Nitrobenzene-d5	7.33	82	733590	79.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	232074	83.64	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1182179	80.20	ng	-0.01
79) Terphenyl-d14	12.87	244	914642	70.04	ng	-0.01

Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.33	70	97751	14.148	ng	# 79
25) Isophorone	7.33	82	733585	39.412	ng	# 67
32) Benzoic acid	7.85	122	240	6.969	ng	# 37
49) Acenaphthylene	9.66	152	58957	2.725	ng	97
50) Dimethylphthalate	9.52	163	142772	8.824	ng	100
52) Acenaphthene	9.83	154	28810	2.108	ng	97
56) 4-Nitrophenol	10.00	139	9238	2.902	ng	# 10
57) 2,4-Dinitrotoluene	9.80	165	29312	6.762	ng	# 20
58) Fluorene	10.35	166	37323	2.536	ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	435	7.028	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	13712	3.496	ng	# 1
71) Phenanthrene	11.31	178	436212	23.238	ng	99
72) Anthracene	11.36	178	122865	6.343	ng	98
73) Carbazole	11.52	167	49883	2.854	ng	99
75) Fluoranthene	12.50	202	636249	31.751	ng	98
78) Pyrene	12.73	202	570394	29.510	ng	100
81) Benzo(a)anthracene	13.91	228	345336	20.634	ng	97
83) Chrysene	13.94	228	298589	17.618	ng	98
87) Indeno(1,2,3-cd)pyrene	16.77	276	155710	9.767	ng	96
88) Benzo(b)fluoranthene	14.95	252	517668	31.632	ng	98
89) Benzo(k)fluoranthene	14.95	252	517668	34.543	ng	# 97
90) Benzo(a)pyrene	15.30	252	267262	19.212	ng	97
91) Dibenzo(a,h)anthracene	16.93	278	34212	2.578	ng	95
92) Benzo(g,h,i)perylene	17.20	276	146234	11.210	ng	99

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

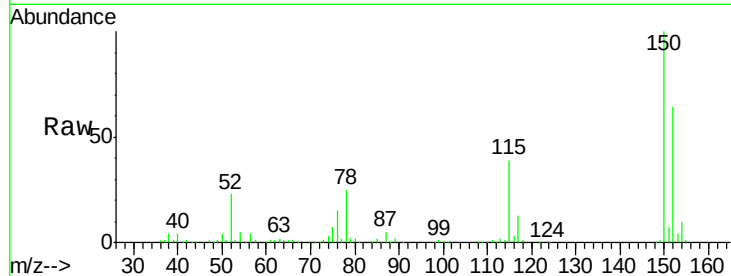


#1

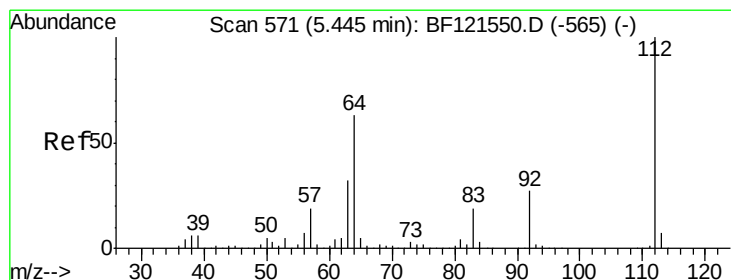
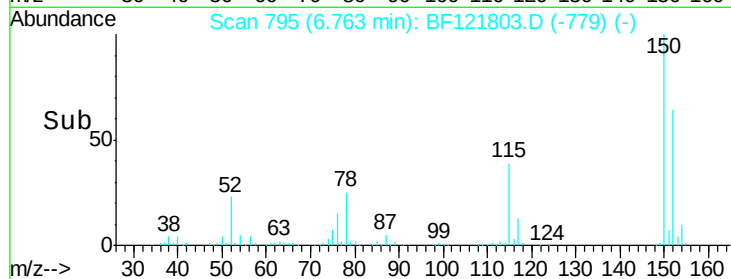
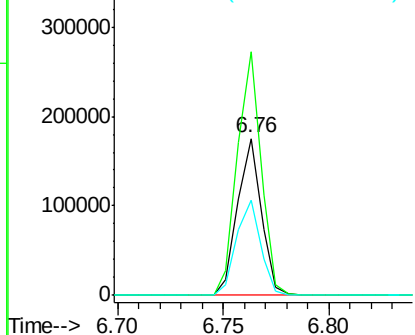
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-17(3-4)

Tot Ion:152 Resp: 135801
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 60.6 51.9 77.9



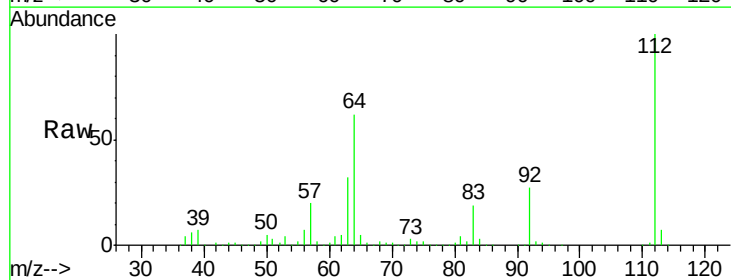
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



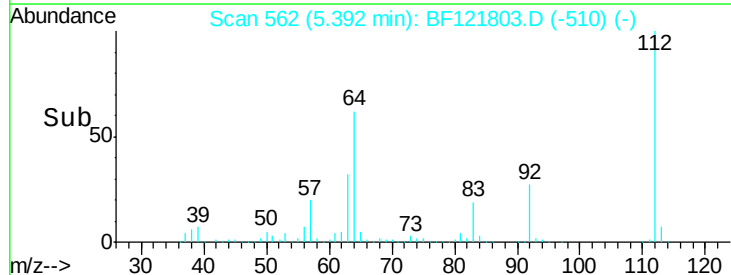
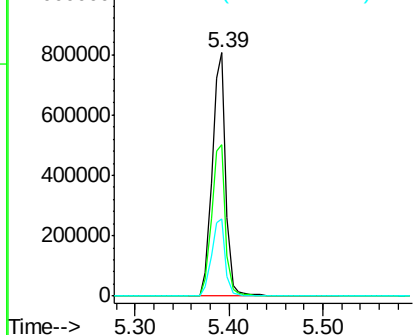
#5

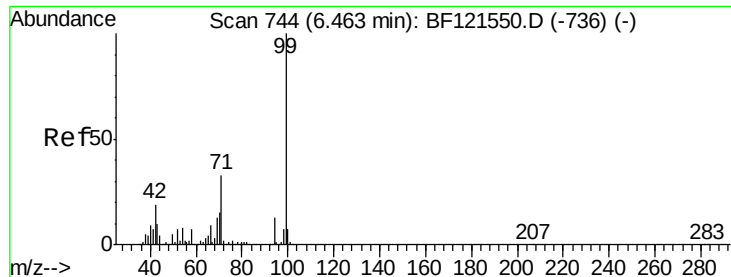
2-Fluorophenol
Concen: 90.373 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

Tgt Ion:112 Resp: 825821
Ion Ratio Lower Upper
112 100
64 62.4 50.4 75.6
63 31.5 25.8 38.6



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: 88.853 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Instrument :

BNA_F

ClientSampleId :

B-17(3-4)

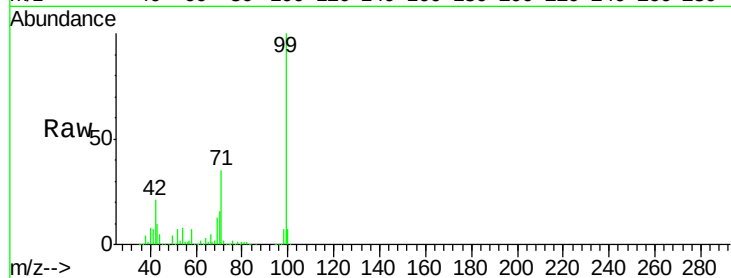
Tot Ion: 99 Resp: 1065208

Ion Ratio Lower Upper

99 100

42 20.7 15.9 23.9

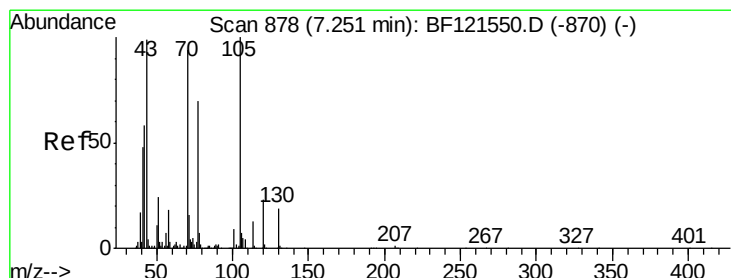
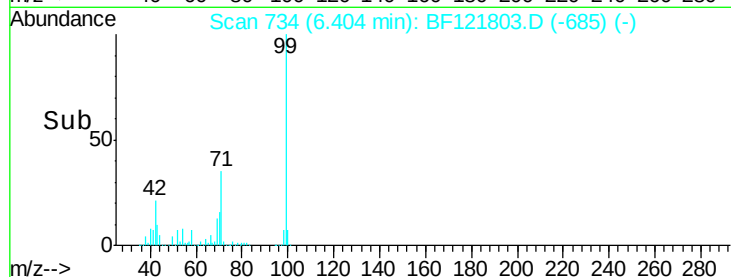
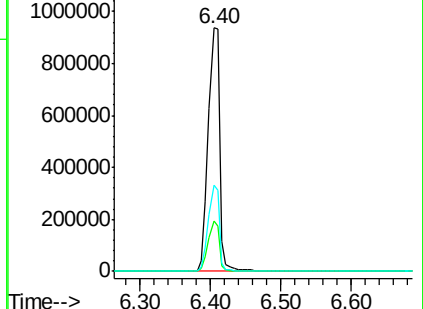
71 35.3 27.1 40.7



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: 14.148 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Tgt Ion: 70 Resp: 97751

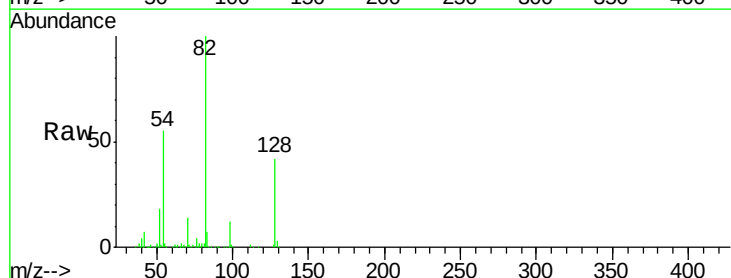
Ion Ratio Lower Upper

70 100

42 50.6 50.2 75.4

101 0.0 7.5 11.3#

130 2.1 15.5 23.3#

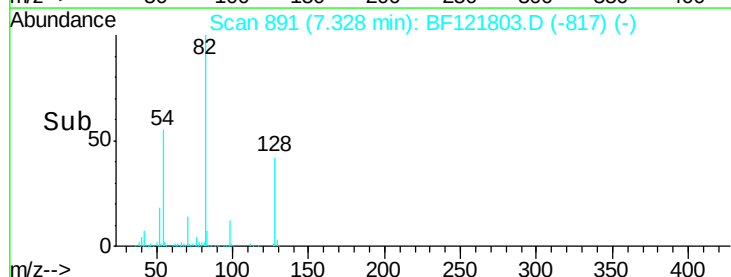
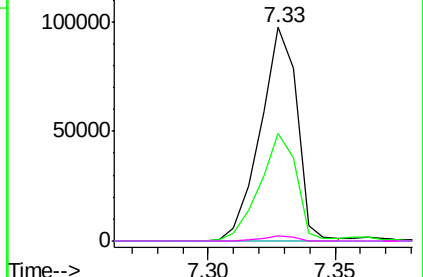


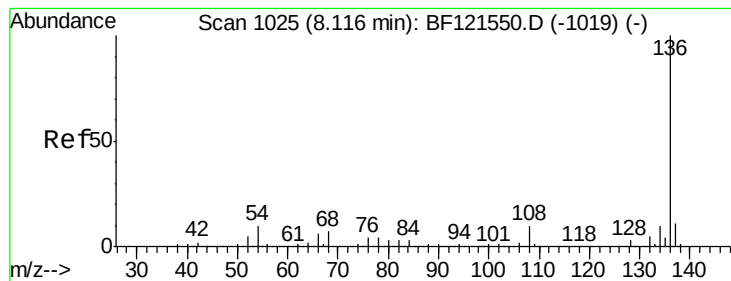
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Instrument :

BNA_F

ClientSampleId :

B-17(3-4)

Tot Ion:136 Resp: 496456

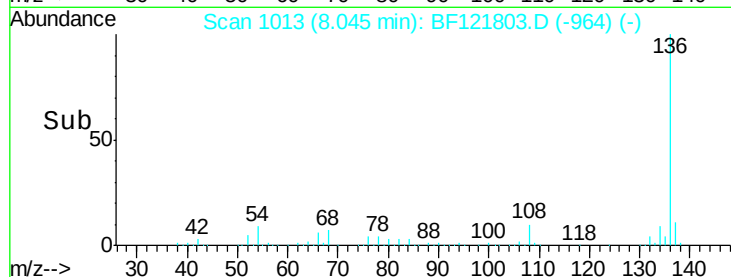
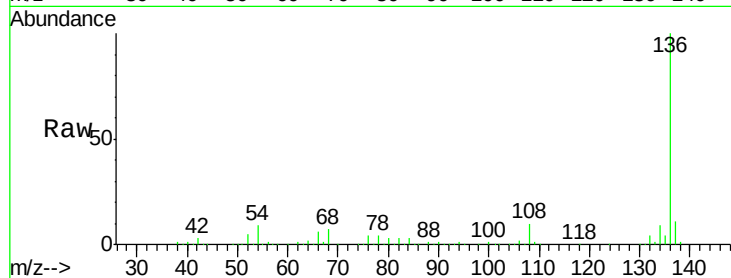
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.3 7.1 10.7

68 6.8 5.0 7.4

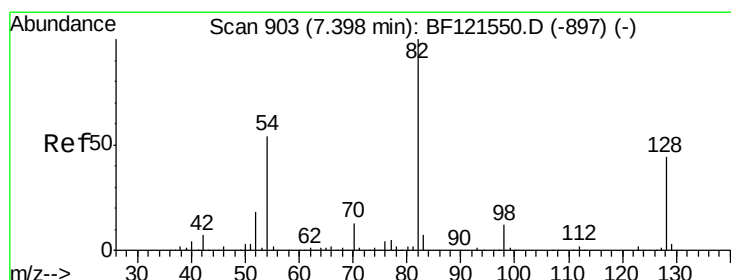
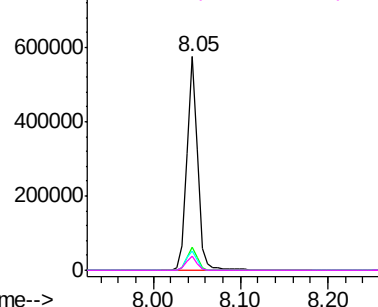


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.338 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

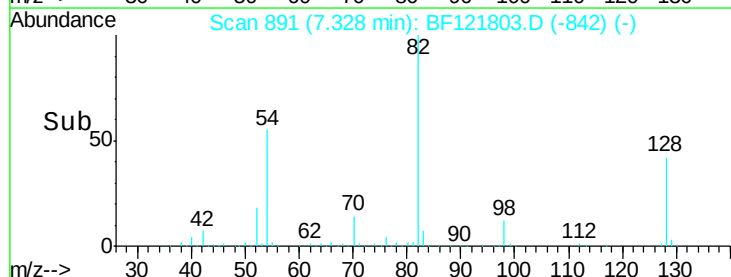
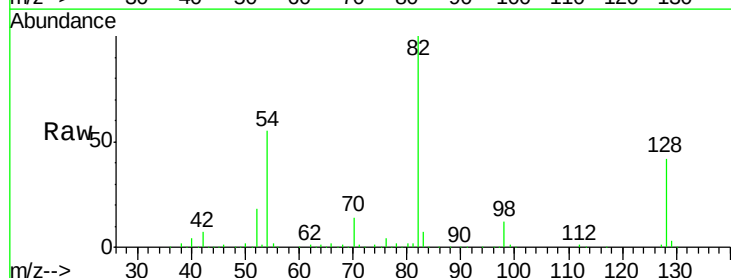
Tgt Ion: 82 Resp: 733590

Ion Ratio Lower Upper

82 100

128 42.3 35.0 52.4

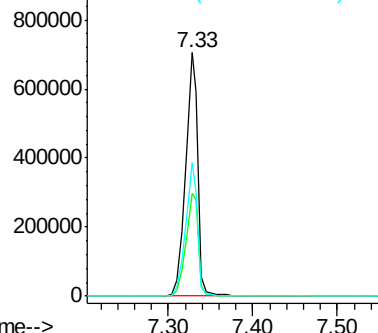
54 55.0 43.9 65.9

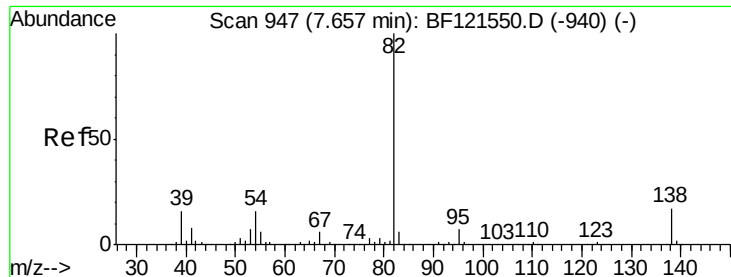


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.412 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Instrument :

BNA_F

ClientSampleId :

B-17(3-4)

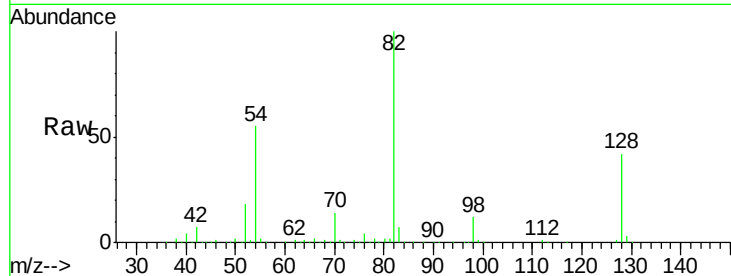
Tot Ion: 82 Resp: 733585

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

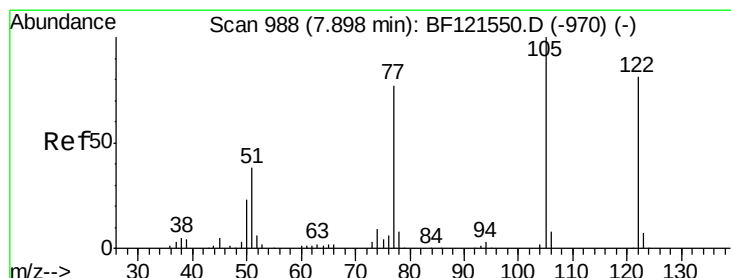
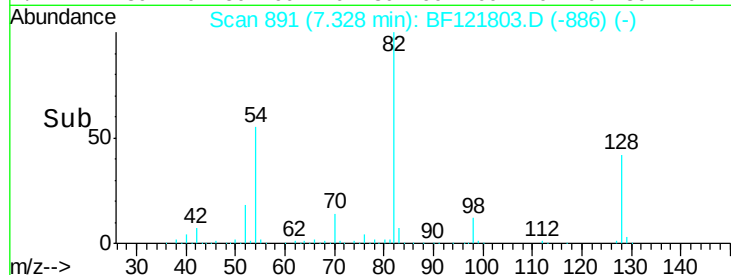
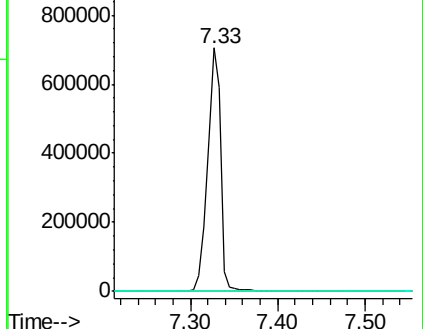
138 0.0 13.4 20.0#



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



#32

Benzoic acid

Concen: 6.969 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

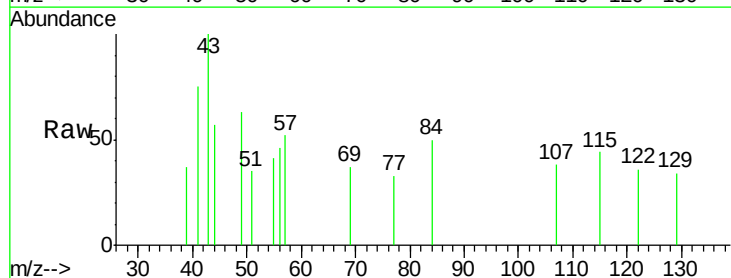
Tgt Ion: 122 Resp: 240

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

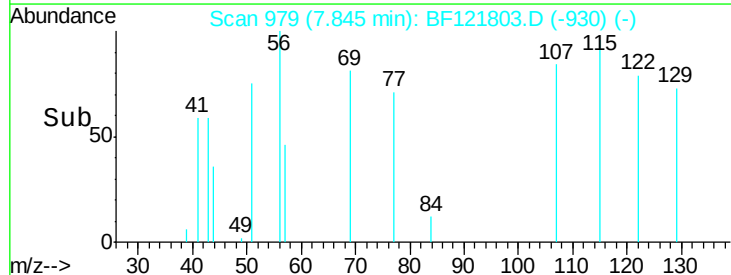
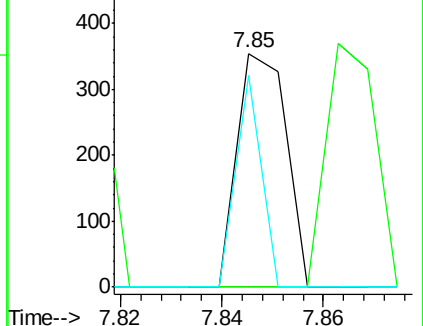
77 90.7 73.9 113.9

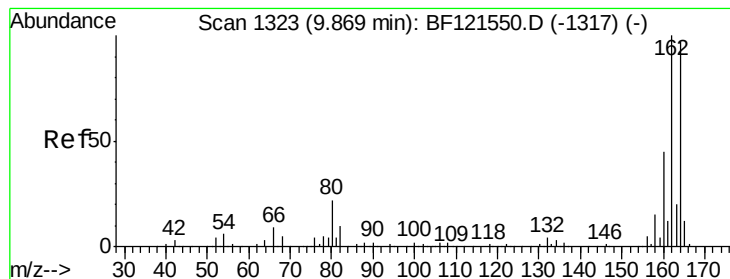


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Instrument :

BNA_F

ClientSampleId :

B-17(3-4)

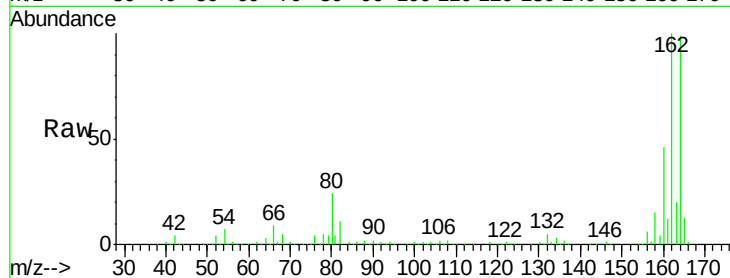
Tot Ion:164 Resp: 223236

Ion Ratio Lower Upper

164 100

162 101.4 83.2 124.8

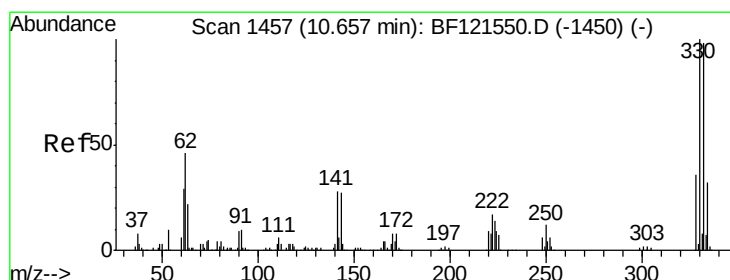
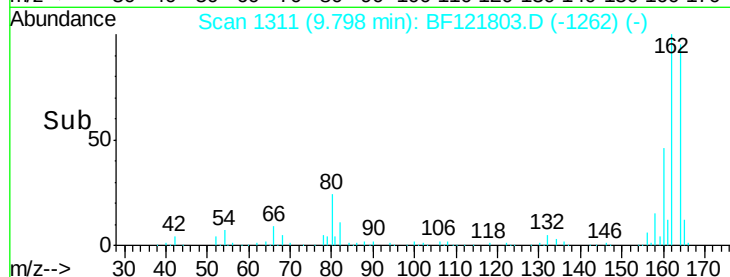
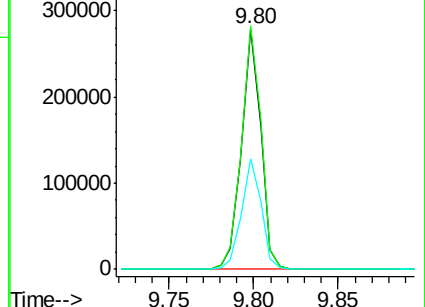
160 46.2 37.5 56.3



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: 83.645 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

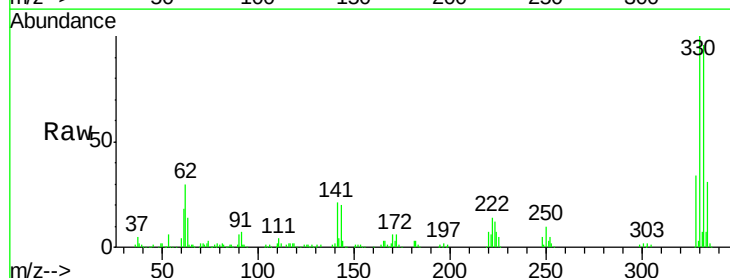
Tgt Ion:330 Resp: 232074

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

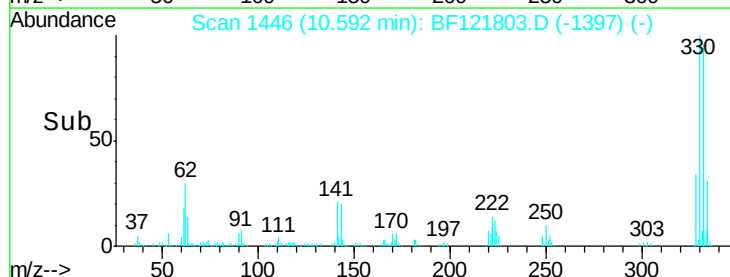
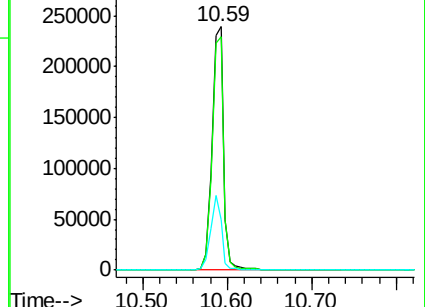
141 29.1 22.3 33.5

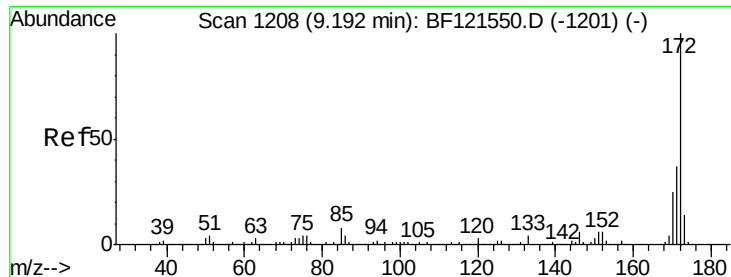


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

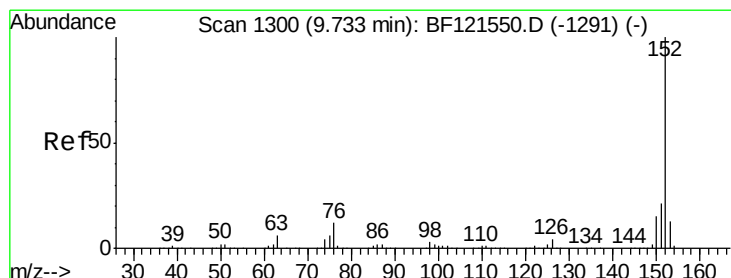
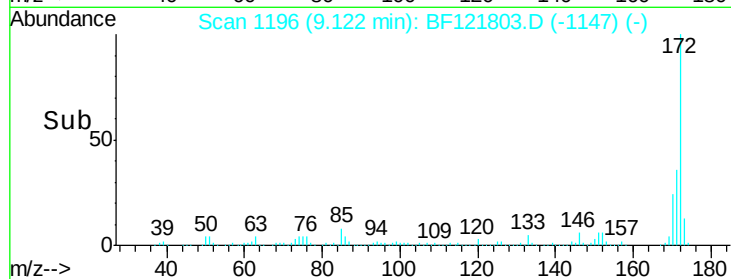
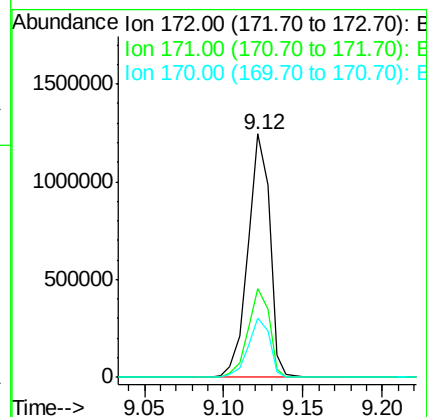
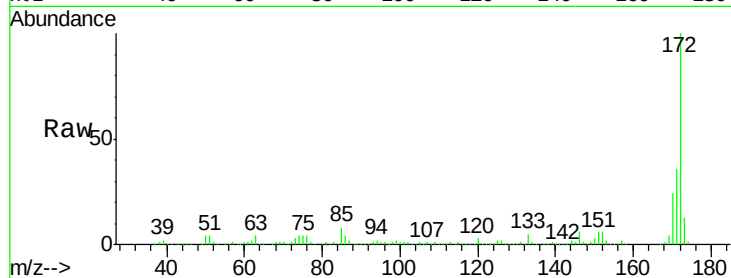




#45
2-Fluorobiphenyl
Concen: 80.204 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

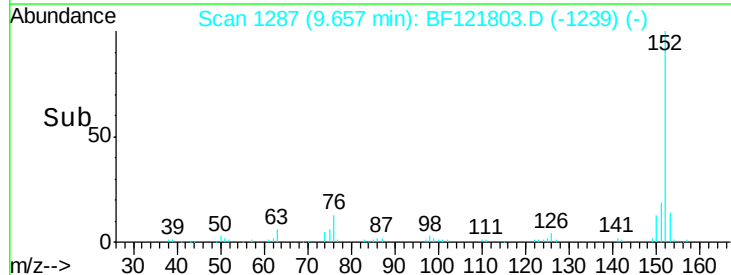
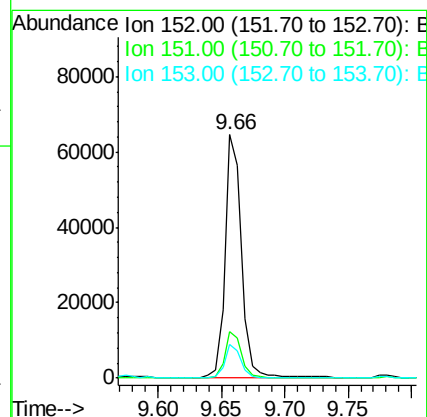
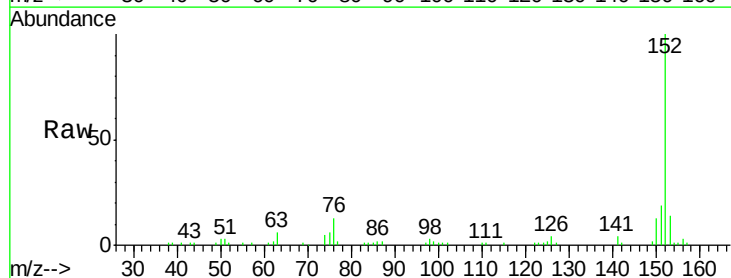
Instrument :
BNA_F
ClientSampleId :
B-17(3-4)

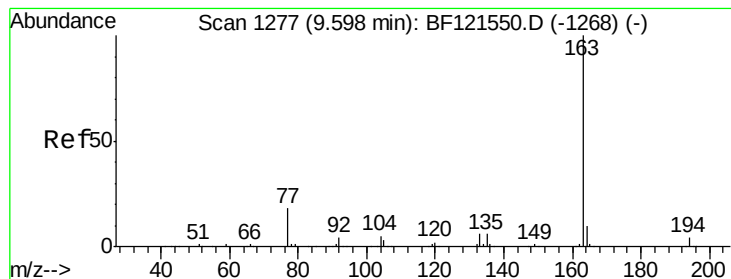
Tot Ion:172 Resp: 1182179
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.3 19.8 29.6



#49
Acenaphthylene
Concen: 2.725 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

Tgt Ion:152 Resp: 58957
Ion Ratio Lower Upper
152 100
151 18.9 16.4 24.6
153 14.0 10.6 15.8





#50

Dimethylphthalate

Concen: 8.824 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Instrument :

BNA_F

ClientSampleId :

B-17(3-4)

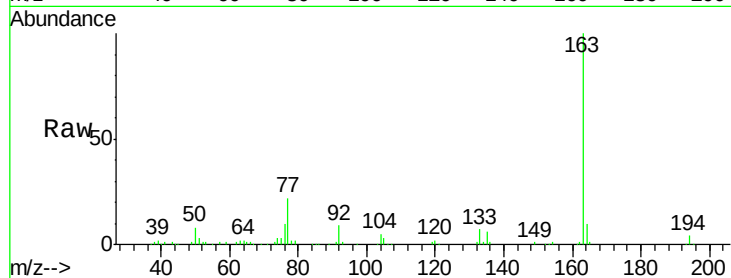
Tot Ion:163 Resp: 142772

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

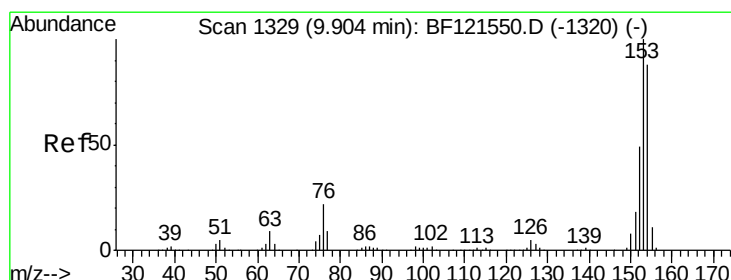
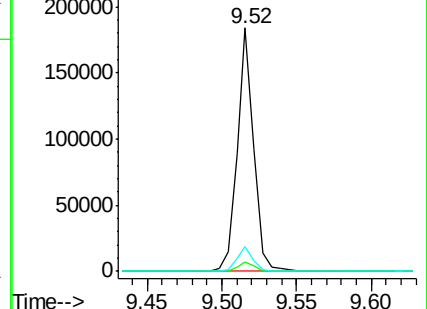
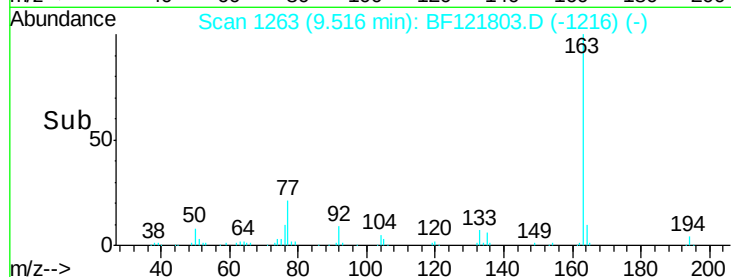
164 10.2 8.2 12.4



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: 2.108 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

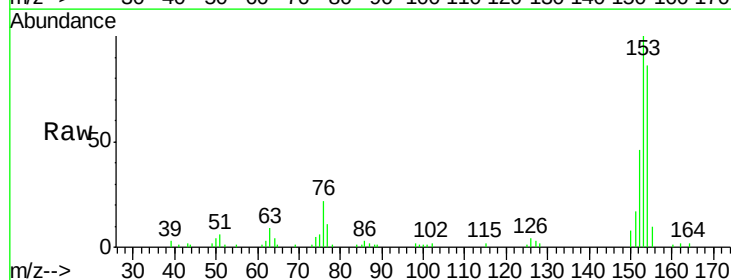
Tgt Ion:154 Resp: 28810

Ion Ratio Lower Upper

154 100

153 116.7 89.8 134.8

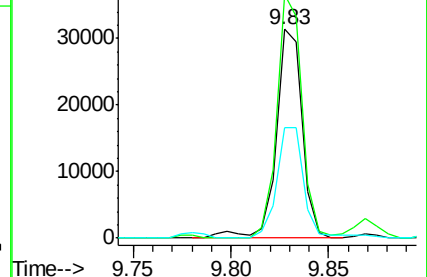
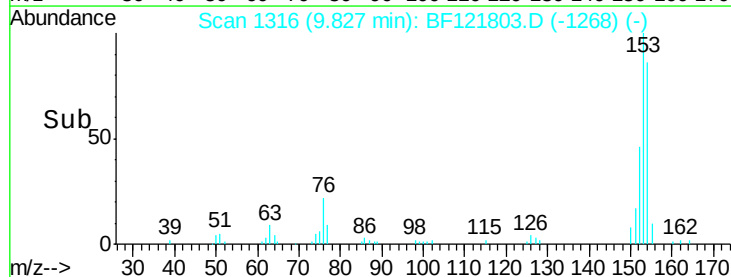
152 53.3 43.2 64.8

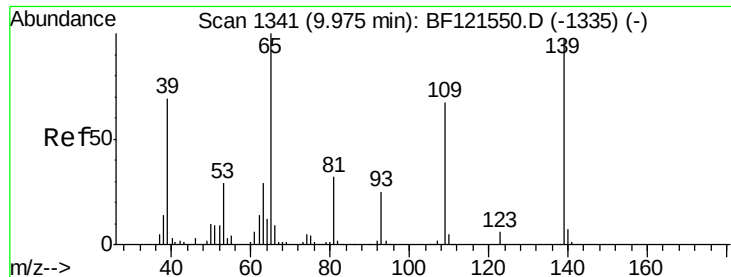


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

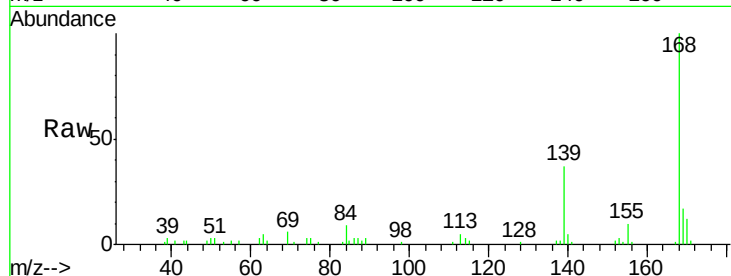




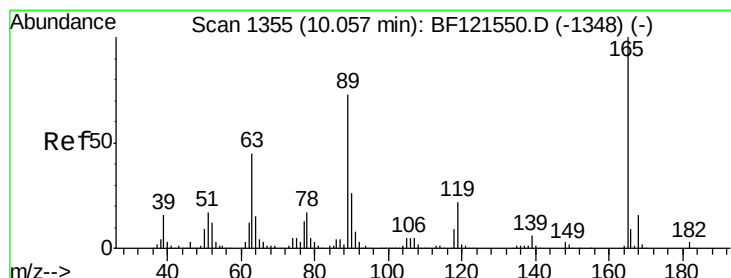
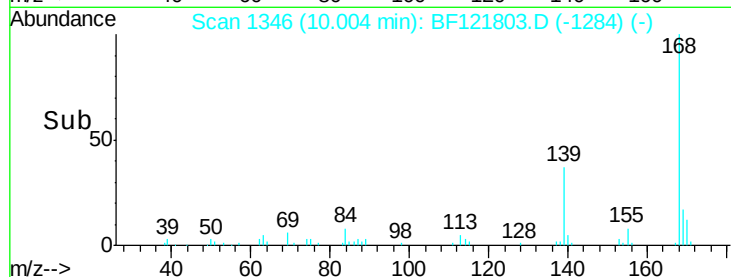
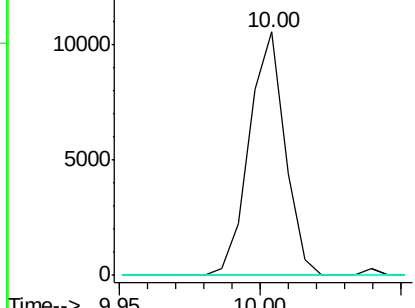
#56
4-Nitrophenol
Concen: 2.902 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.06 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-17(3-4)

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	45.4	85.4#
65	0.0	68.4	108.4#



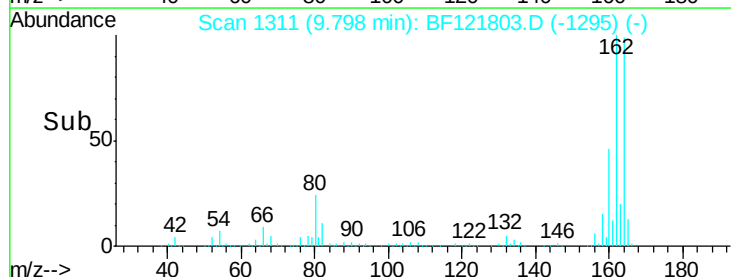
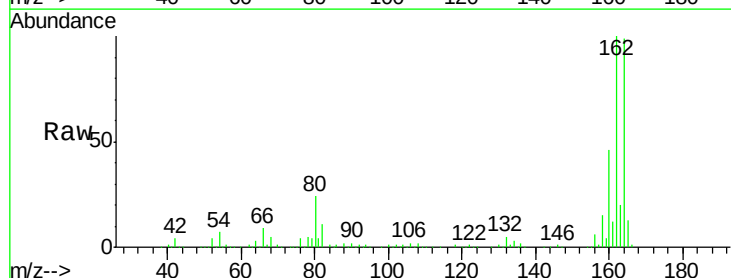
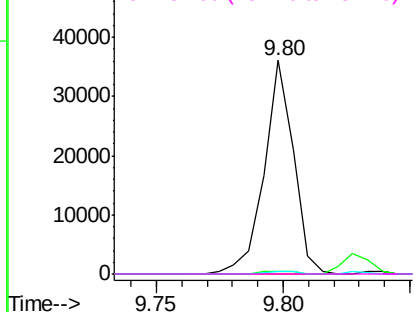
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

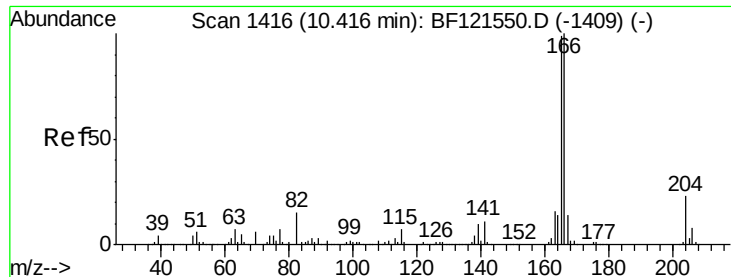


#57
2,4-Dinitrotoluene
Concen: 6.762 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.3	61.9#
89	1.5	61.8	92.8#
182	0.0	2.1	3.1#

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
Ion 182.00 (181.70 to 182.70): E

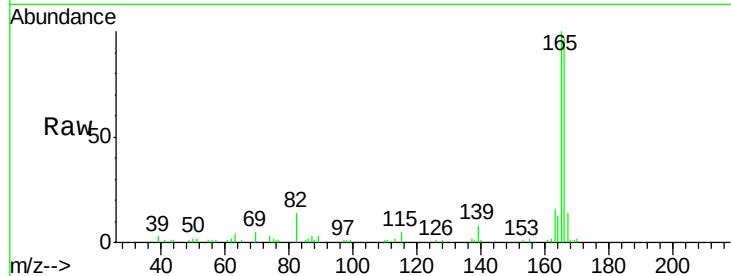




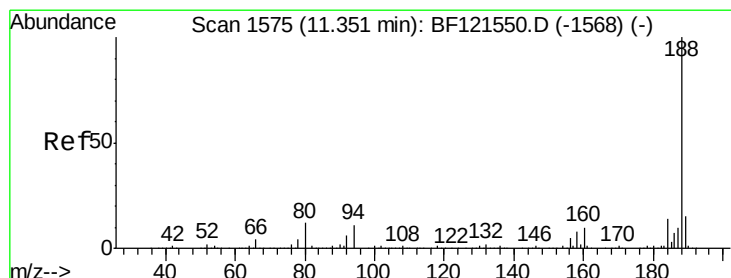
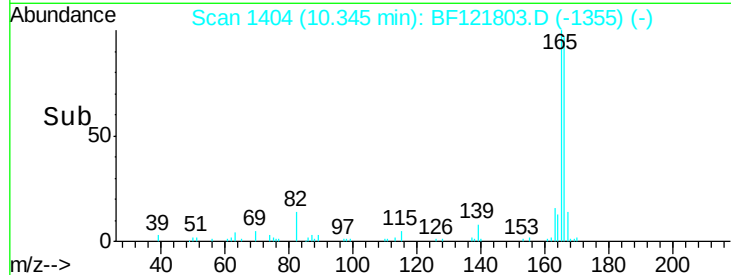
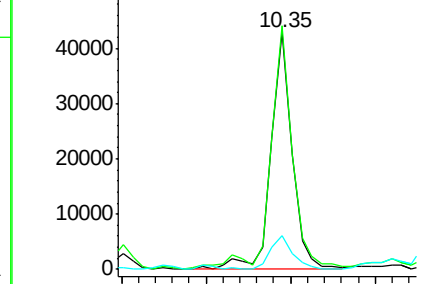
#58
 Fluorene
 Concen: 2.536 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF121803.D
 Acq: 2 Oct 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 B-17(3-4)

Tot Ion:166 Resp: 37323
 Ion Ratio Lower Upper
 166 100
 165 102.7 79.1 118.7
 167 14.0 11.0 16.6

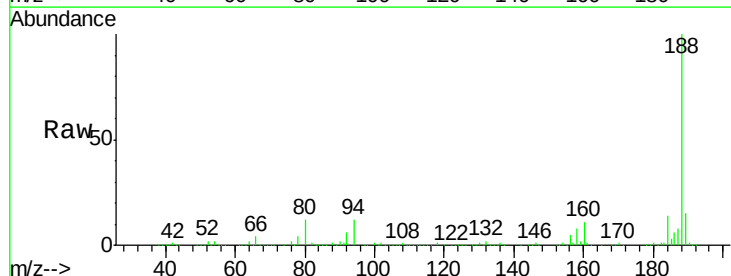


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

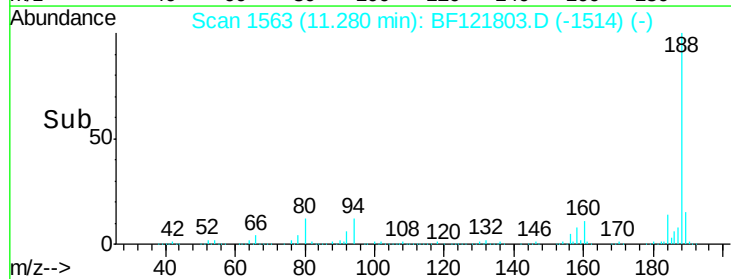
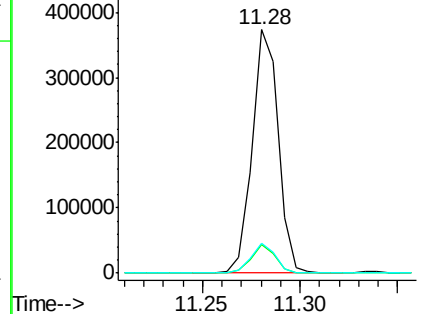


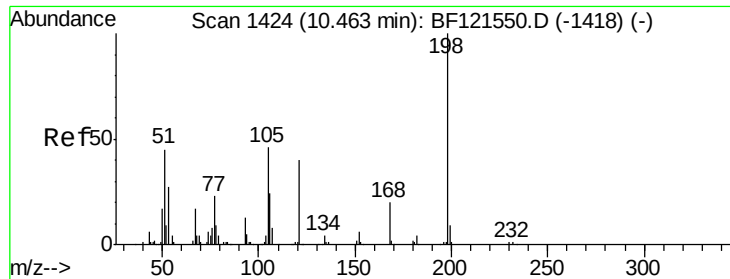
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121803.D
 Acq: 2 Oct 2020 19:49

Tgt Ion:188 Resp: 344537
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.3 12.5
 80 12.2 9.1 13.7



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

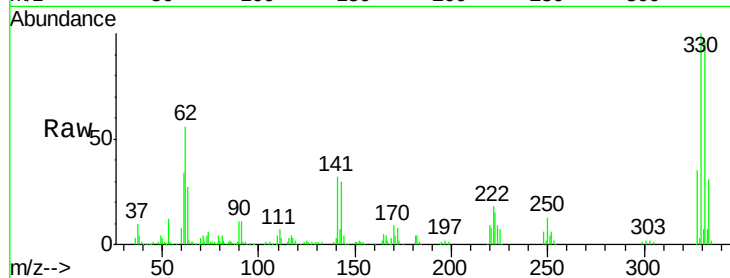




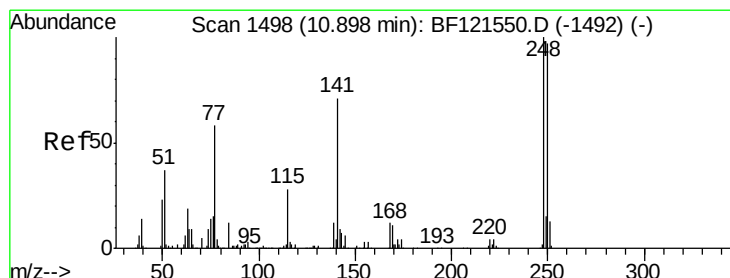
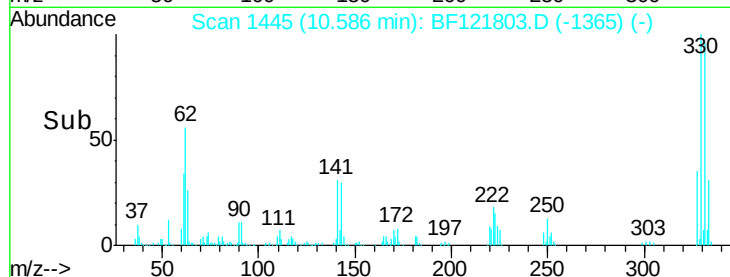
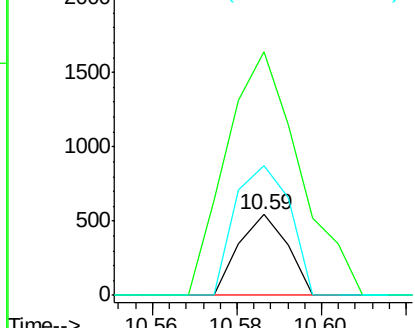
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.028 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.17 min
 Lab File: BF121803.D
 Acq: 2 Oct 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 B-17(3-4)

Tot Ion:198 Resp: 435
 Ion Ratio Lower Upper
 198 100
 51 300.7 29.6 69.6#
 105 160.0 24.4 64.4#

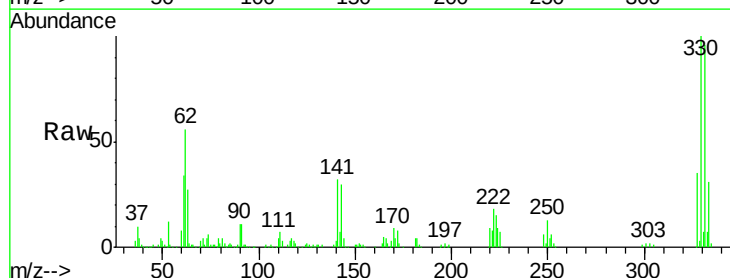


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

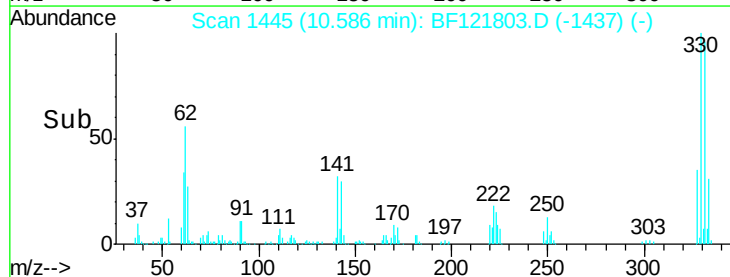
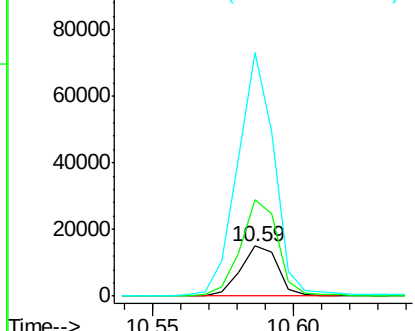


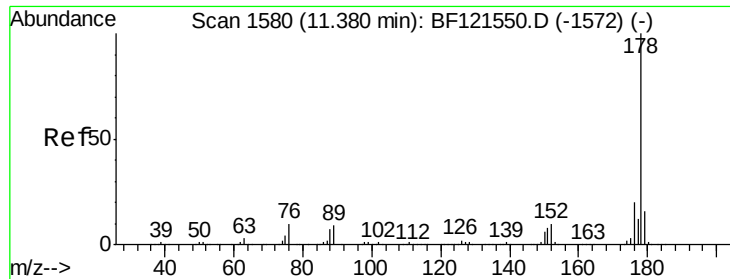
#67
 4-Bromophenyl-phenylether
 Concen: 3.496 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF121803.D
 Acq: 2 Oct 2020 19:49

Tgt Ion:248 Resp: 13712
 Ion Ratio Lower Upper
 248 100
 250 194.9 77.0 115.6#
 141 489.7 53.7 80.5#



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

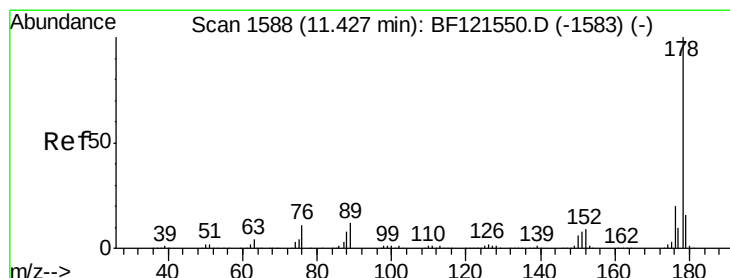
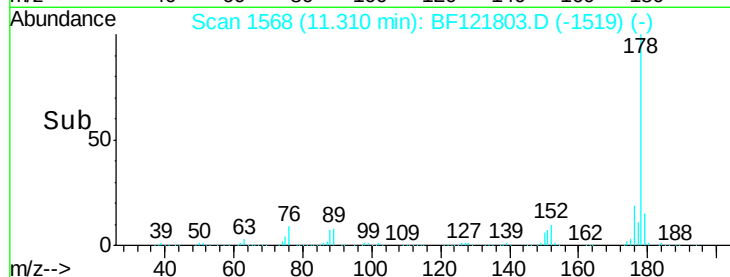
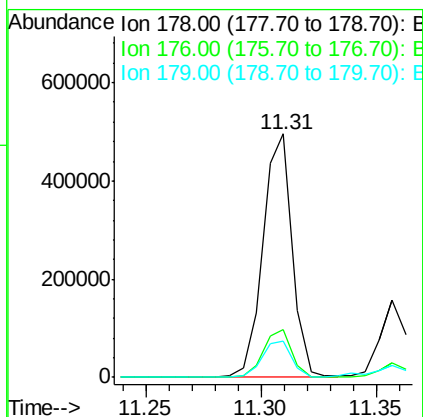
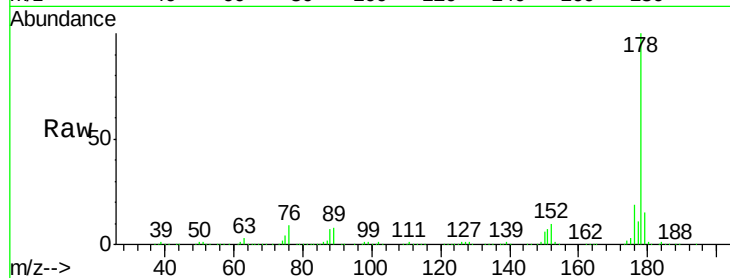




#71
Phenanthrene
Concen: 23.238 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

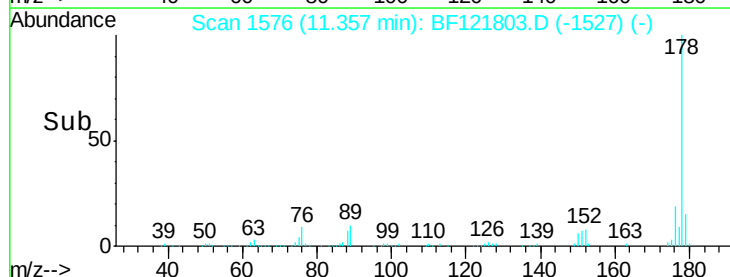
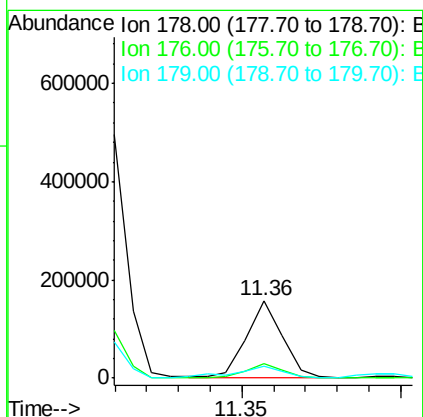
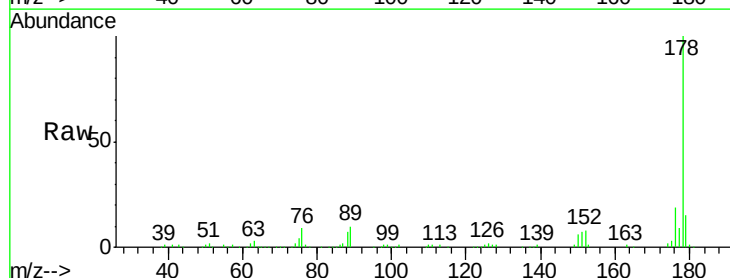
Instrument :
BNA_F
ClientSampleId :
B-17(3-4)

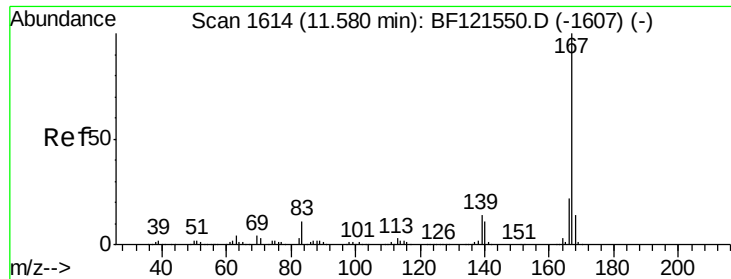
Tot Ion:178 Resp: 436212
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.2 12.2 18.4



#72
Anthracene
Concen: 6.343 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

Tgt Ion:178 Resp: 122865
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.3 12.7 19.1

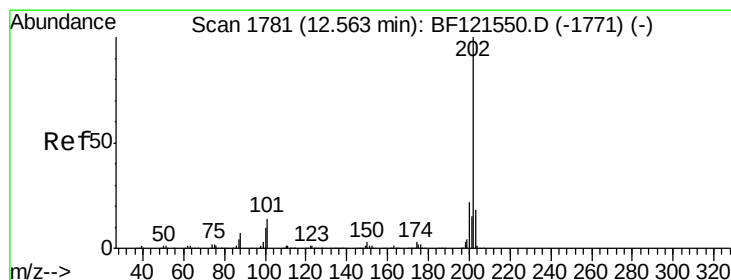
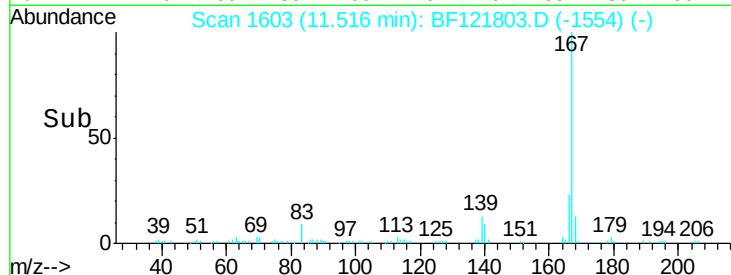
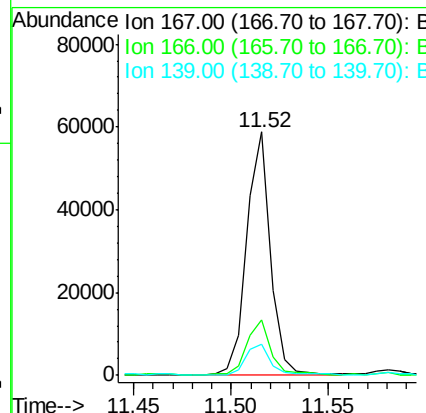
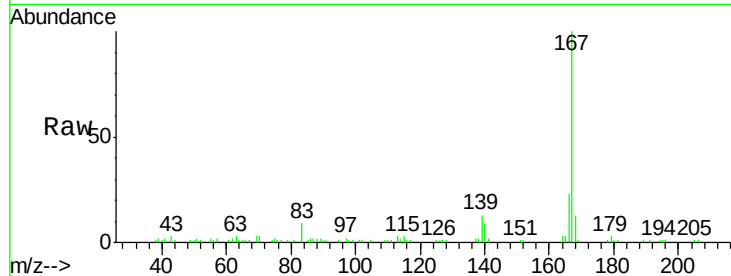




#73
 Carbazole
 Concen: 2.854 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF121803.D
 Acq: 2 Oct 2020 19:49

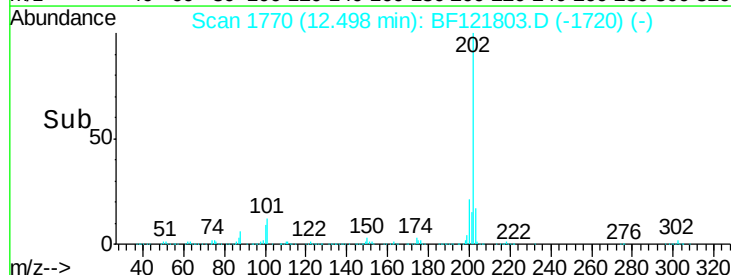
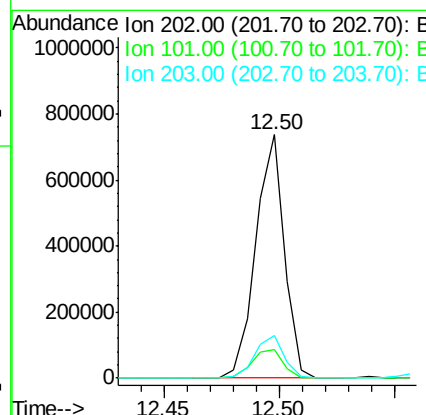
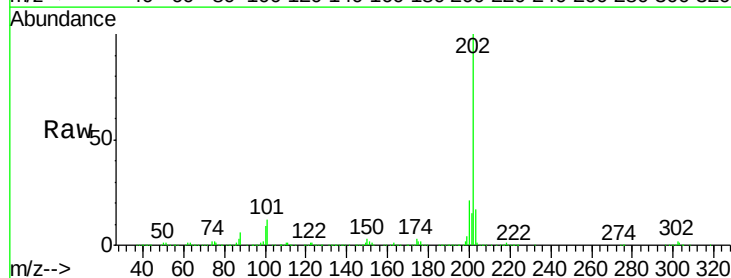
Instrument :
 BNA_F
 ClientSampleId :
 B-17(3-4)

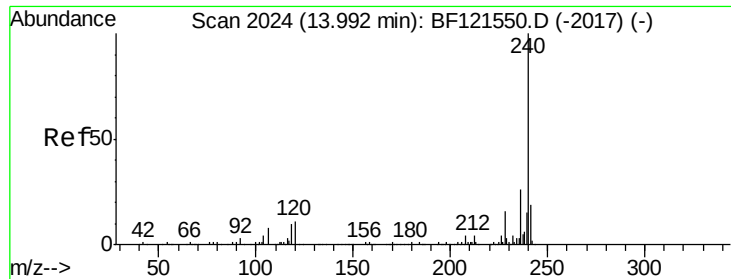
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	13.1	10.8	16.2



#75
 Fluoranthene
 Concen: 31.751 ng
 RT: 12.50 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BF121803.D
 Acq: 2 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.4
203	17.4	0.0	37.9

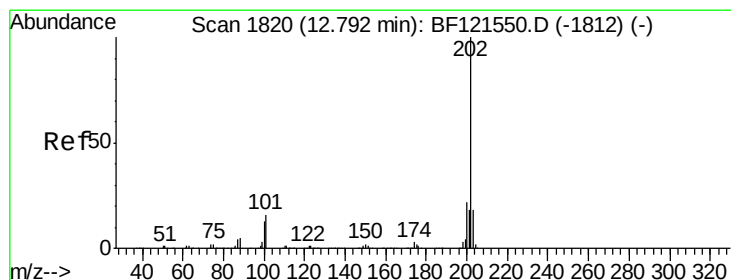
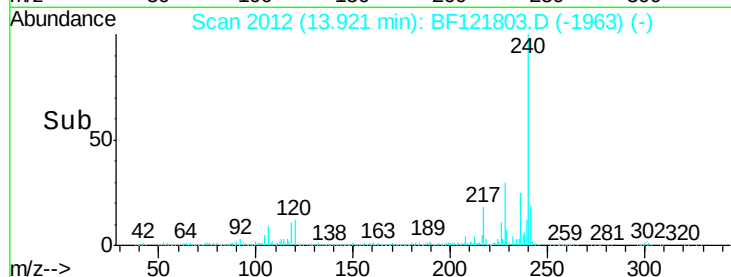
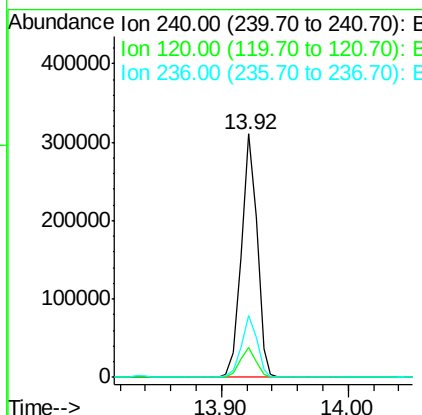
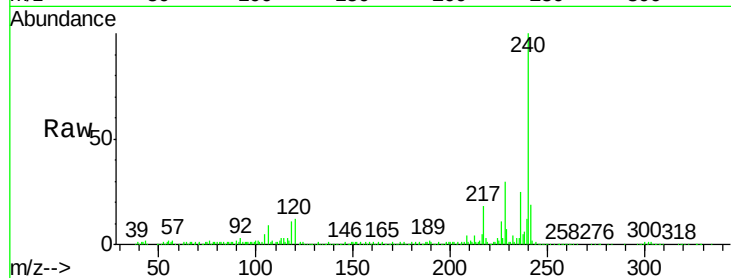




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

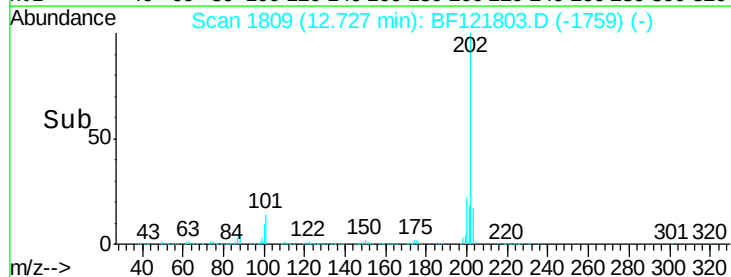
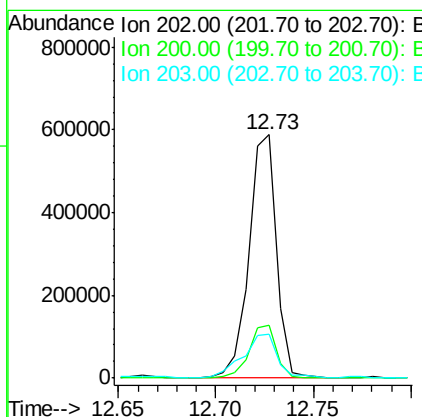
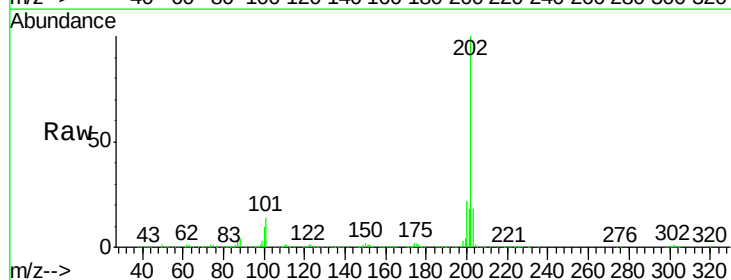
Instrument :
BNA_F
ClientSampleId :
B-17(3-4)

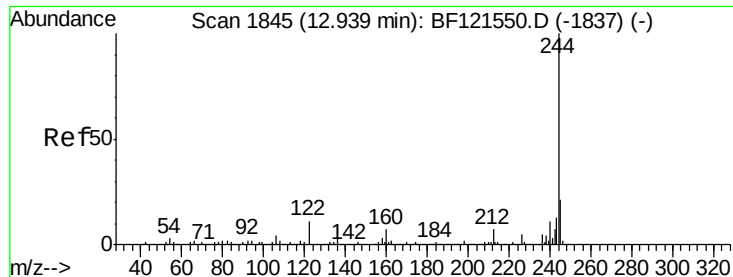
Tot Ion:240 Resp: 264548
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.3 20.9 31.3



#78
Pyrene
Concen: 29.510 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

Tgt Ion:202 Resp: 570394
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.8 14.6 21.8





#79

Terphenyl-d14

Concen: 70.043 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Instrument :

BNA_F

ClientSampled :

B-17(3-4)

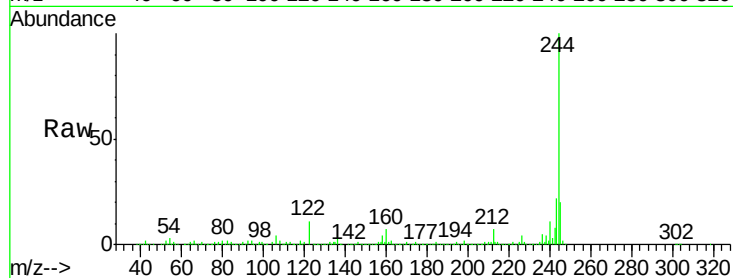
Tot Ion:244 Resp: 914642

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

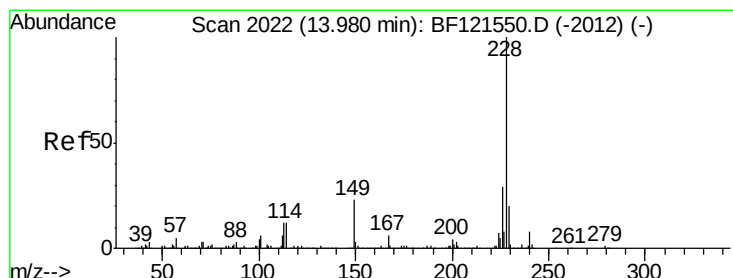
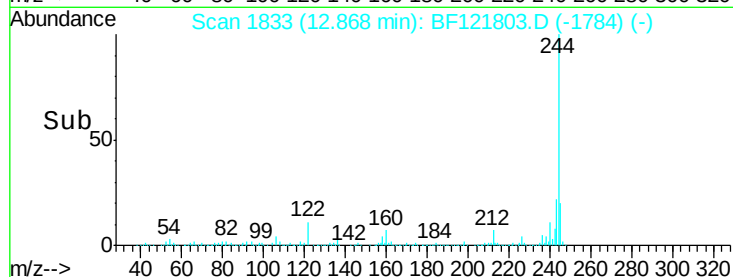
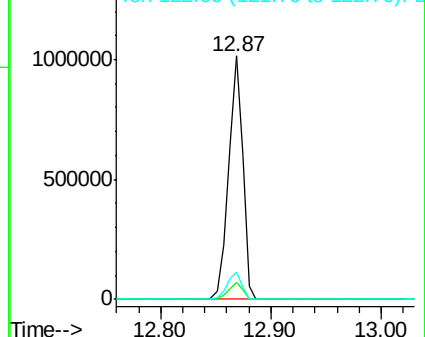
122 11.2 8.1 12.1



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: 20.634 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

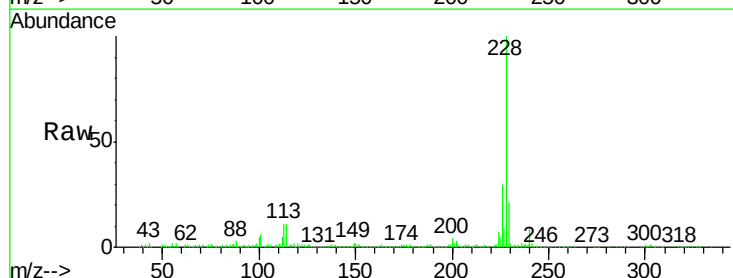
Tgt Ion:228 Resp: 345336

Ion Ratio Lower Upper

228 100

226 30.0 22.3 33.5

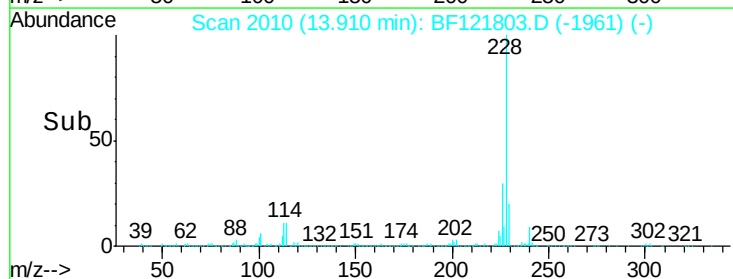
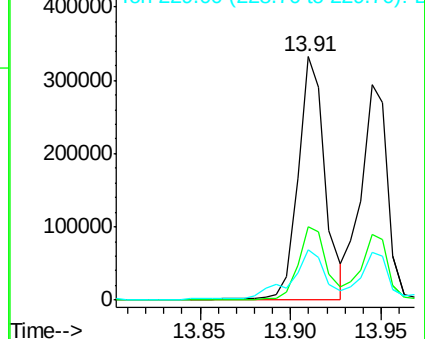
229 20.6 16.2 24.4

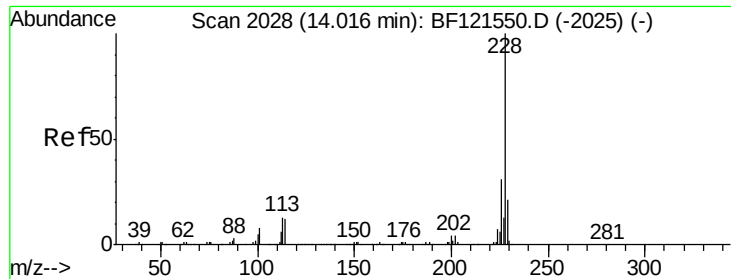


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 17.618 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Instrument :

BNA_F

ClientSampleId :

B-17(3-4)

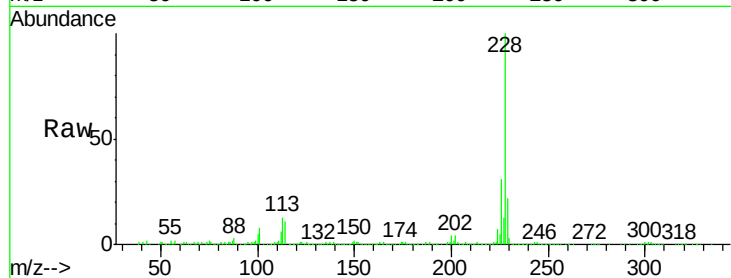
Tot Ion:228 Resp: 298589

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

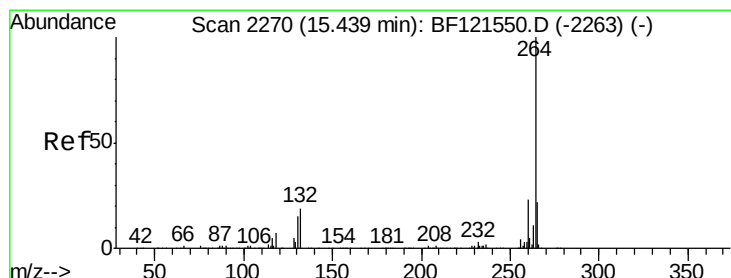
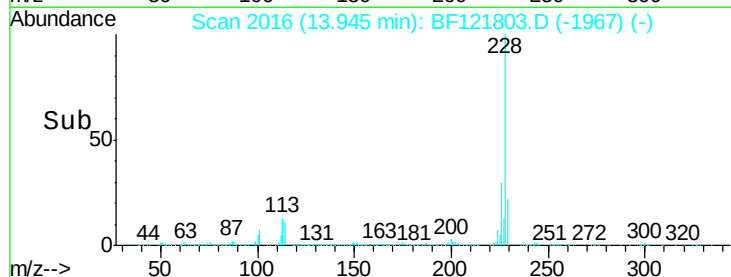
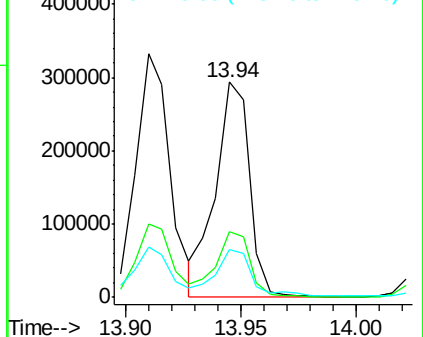
229 22.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

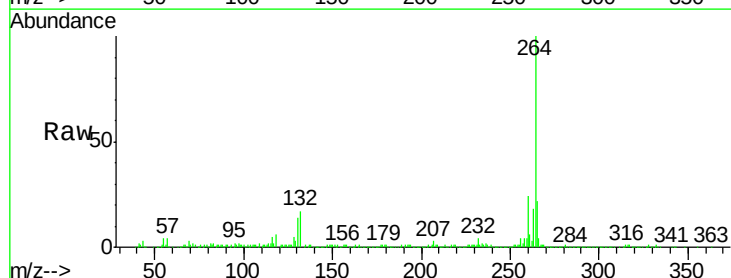
Tgt Ion:264 Resp: 244802

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

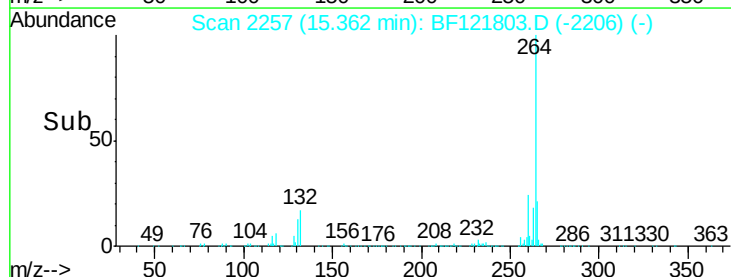
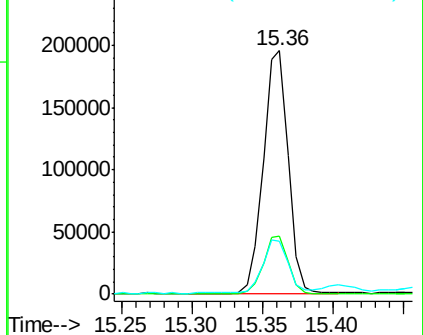
265 21.6 17.3 25.9

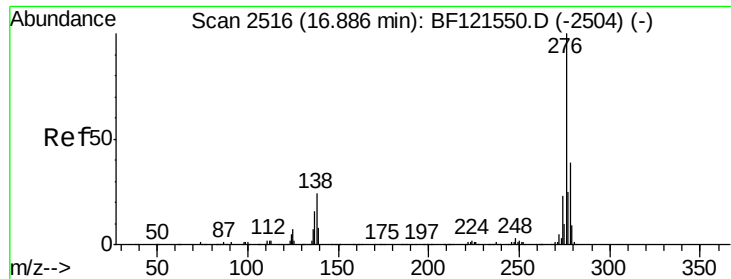


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.767 ng

RT: 16.77 min Scan# 2496

Delta R.T. -0.02 min

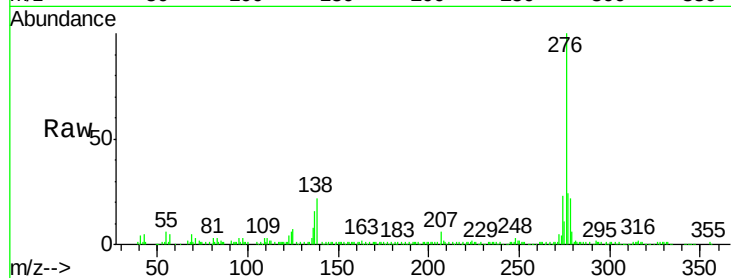
Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-17(3-4)

Tot Ion:276 Resp: 155710

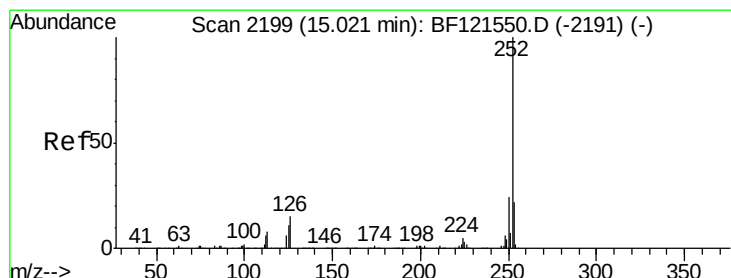
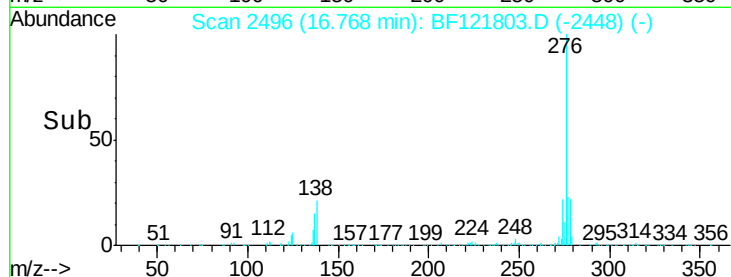
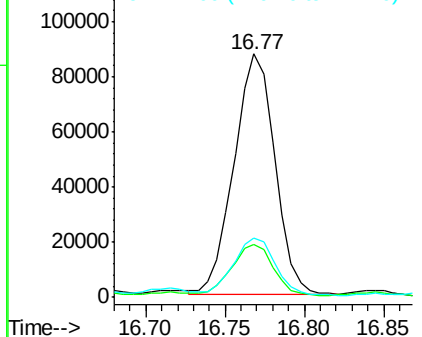
Ion	Ratio	Lower	Upper
276	100		
138	22.1	19.9	29.9
277	24.6	20.4	30.6



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



#88

Benzo(b)fluoranthene

Concen: 31.632 ng

RT: 14.95 min Scan# 2187

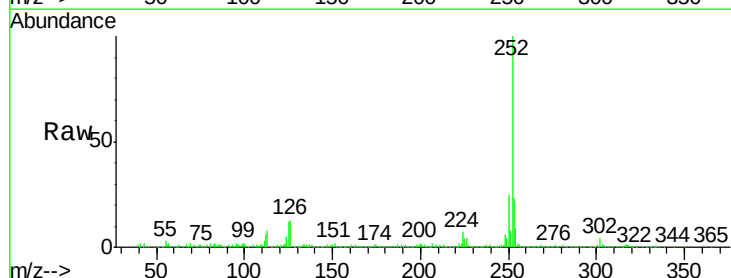
Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Tgt Ion:252 Resp: 517668

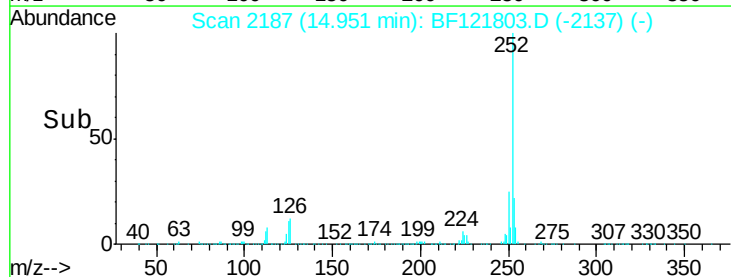
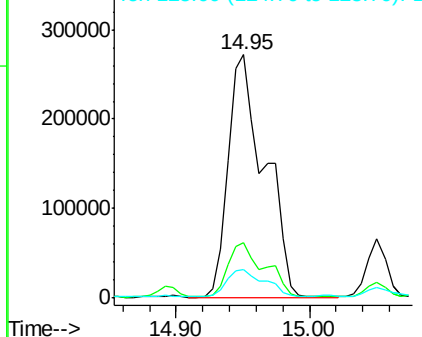
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	12.0	8.0	12.0

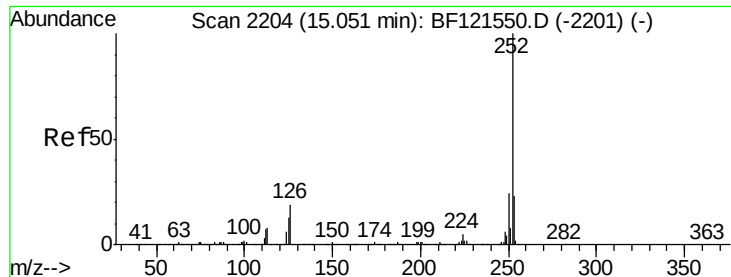


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 34.543 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.04 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

Instrument :

BNA_F

ClientSampleId :

B-17(3-4)

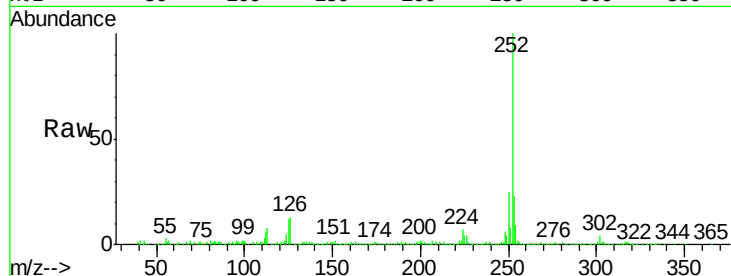
Tot Ion:252 Resp: 517668

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

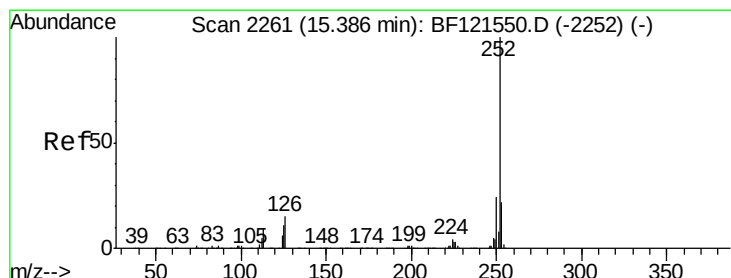
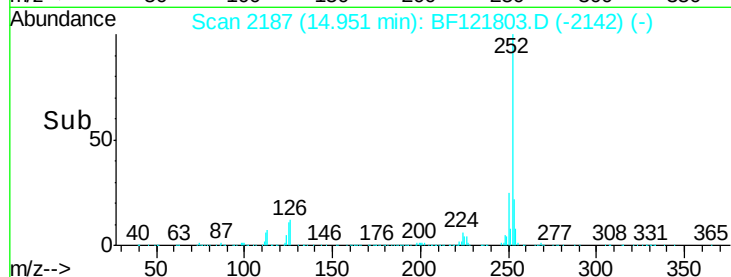
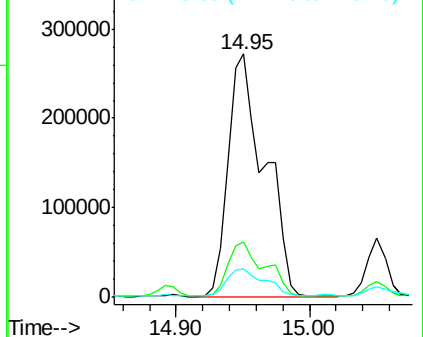
125 12.0 7.7 11.5#



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



#90

Benzo(a)pyrene

Concen: 19.212 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF121803.D

Acq: 2 Oct 2020 19:49

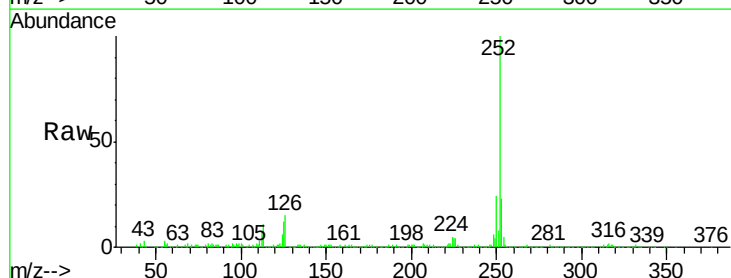
Tgt Ion:252 Resp: 267262

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

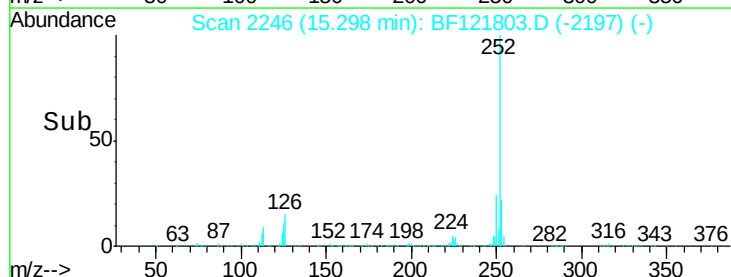
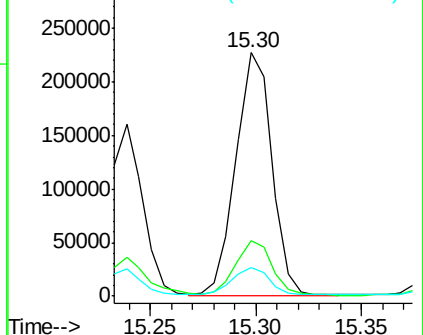
125 11.8 8.6 13.0

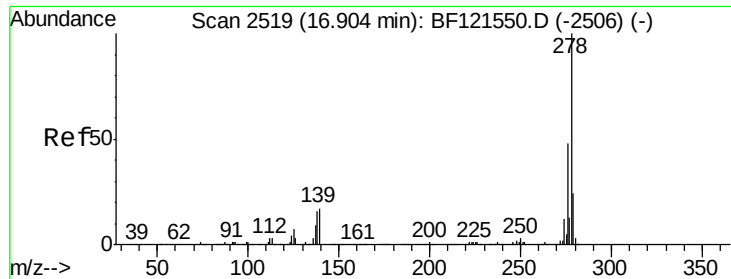


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

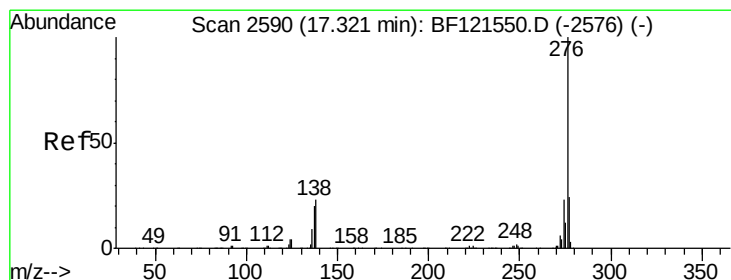
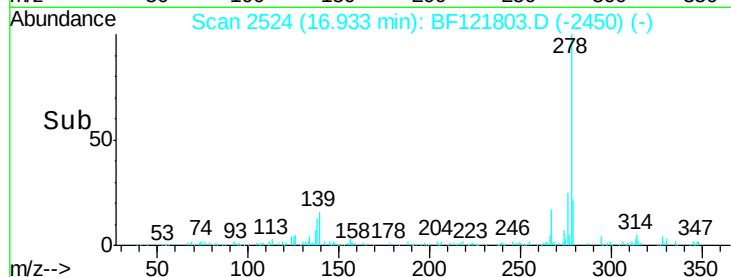
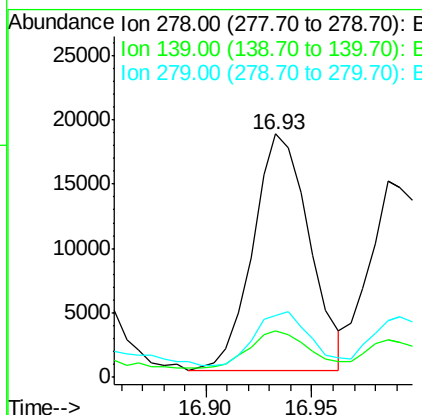
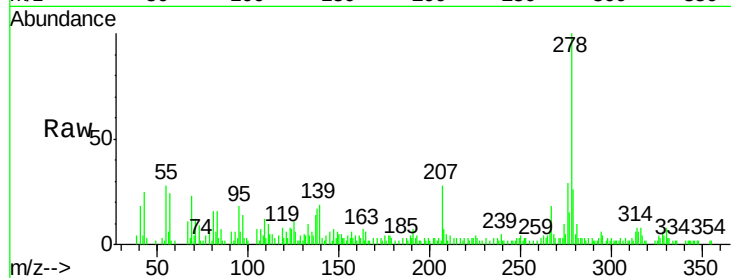




#91
Dibenzo(a,h)anthracene
Concen: 2.578 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.14 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-17(3-4)

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	13.0	19.4
279	25.5	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 11.210 ng
RT: 17.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BF121803.D
Acq: 2 Oct 2020 19:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.2
138	21.7	17.8	26.6

