

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121437.D
 Acq On : 25 Aug 2020 20:13
 Operator : JU/CG
 Sample : L3786-08 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1994

Quant Time: Aug 26 00:43:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

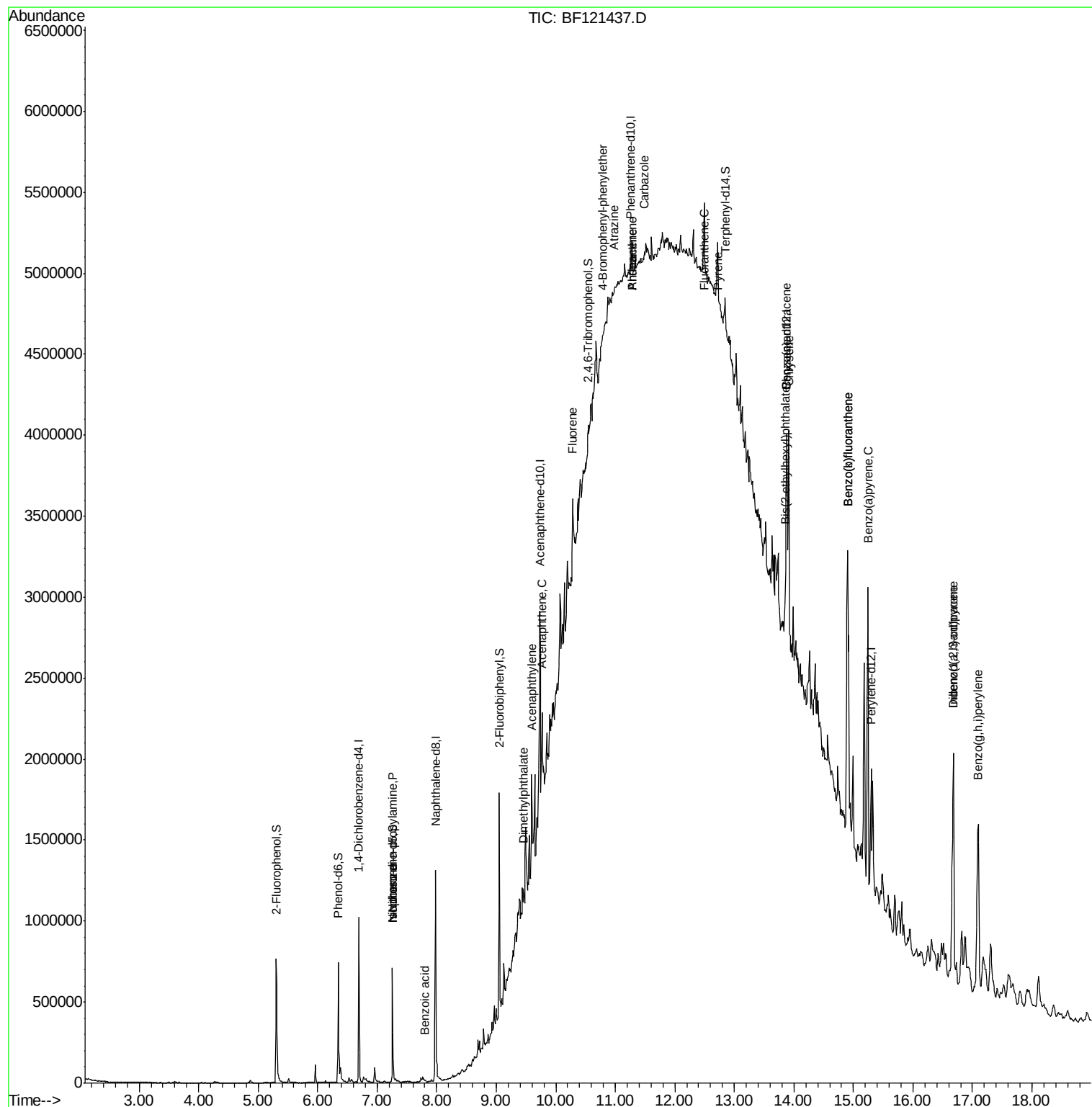
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	154862	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	614010	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	265279	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	176592	20.00	ng	0.04
76) Chrysene-d12	13.89	240	237033	20.00	ng	0.04
86) Perylene-d12	15.30	264	379414	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	282616	29.92	ng	0.00
7) Phenol-d6	6.35	99	349545	28.99	ng	0.00
23) Nitrobenzene-d5	7.26	82	233851	21.54	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	67614	21.87	ng	0.02
45) 2-Fluorobiphenyl	9.05	172	453544	23.46	ng	0.00
79) Terphenyl-d14	12.84	244	193822	15.98	ng	0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	31098	4.796	ng	# 81
20) 3+4-Methylphenols	7.16	107	1541	Below	Cal	# 83
25) Isophorone	7.26	82	230460	11.664	ng	# 65
32) Benzoic acid	7.80	122	2621	7.418	ng	# 64
49) Acenaphthylene	9.59	152	147628	6.068	ng	# 92
50) Dimethylphthalate	9.45	163	48143	2.495	ng	# 87
52) Acenaphthene	9.77	154	104191	7.048	ng	98
55) Dibenzofuran	9.94	168	83985	Below	Cal	93
58) Fluorene	10.29	166	126942	3.446	ng	# 93
61) 4-Chlorophenyl-phenylether	10.29	204	6621	Below	Cal	# 1
67) 4-Bromophenyl-phenylether	10.79	248	6033	3.080	ng	# 1
69) Atrazine	10.96	200	7001	4.149	ng	# 1
71) Phenanthrene	11.28	178	552464	60.448	ng	97
72) Anthracene	11.28	178	552464	62.771	ng	96
73) Carbazole	11.48	167	52420	6.241	ng	# 59
75) Fluoranthene	12.49	202	945997	95.361	ng	96
78) Pyrene	12.72	202	943542	52.992	ng	98
81) Benzo(a)anthracene	13.87	228	866148	58.832	ng	95
83) Chrysene	13.92	228	817562	54.297	ng	97
84) Bis(2-ethylhexyl)phthalate	13.85	149	145972	16.224	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.68	276	1043702	45.064	ng	96
88) Benzo(b)fluoranthene	14.90	252	1904472	77.696	ng	98
89) Benzo(k)fluoranthene	14.90	252	1904472	88.265	ng	98
90) Benzo(a)pyrene	15.24	252	1068056	50.430	ng	98
91) Dibenzo(a,h)anthracene	16.68	278	267131	14.067	ng	93
92) Benzo(g,h,i)perylene	17.10	276	995147	53.605	ng	98

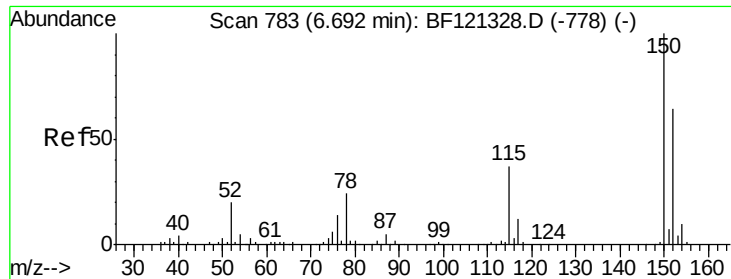
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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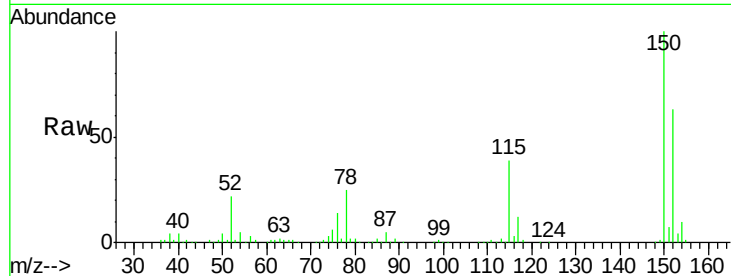


#1

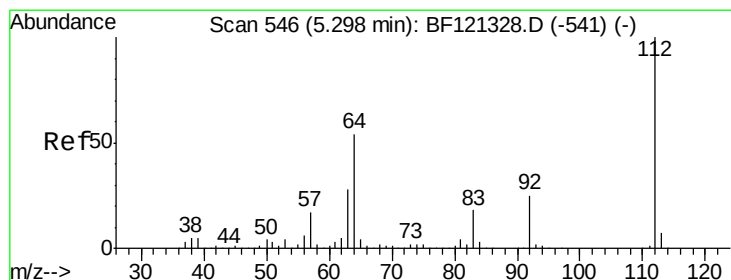
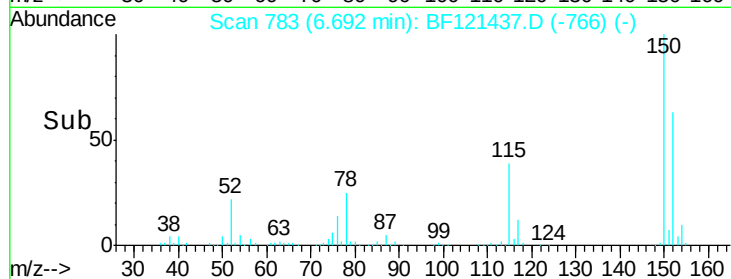
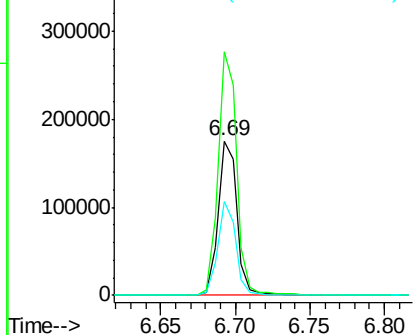
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121437.D
Acq: 25 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
1994

Tot Ion:152 Resp: 154862
Ion Ratio Lower Upper
152 100
150 157.5 124.8 187.2
115 60.9 46.1 69.1



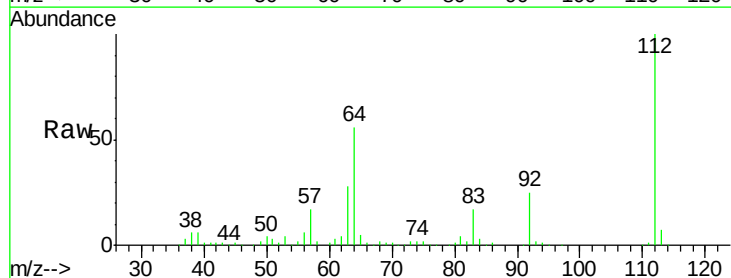
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



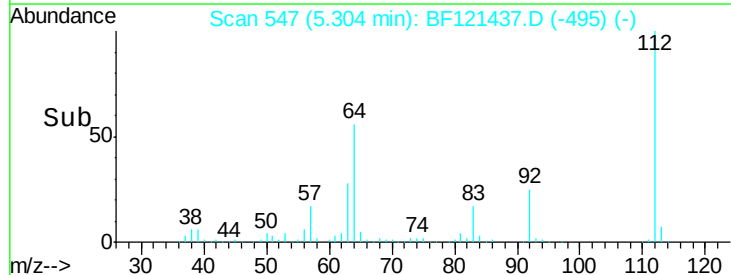
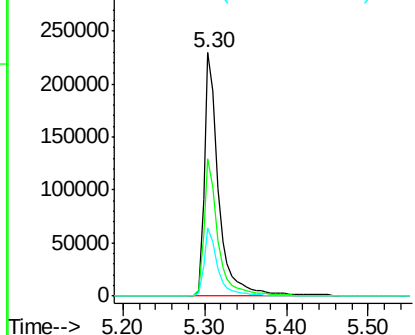
#5

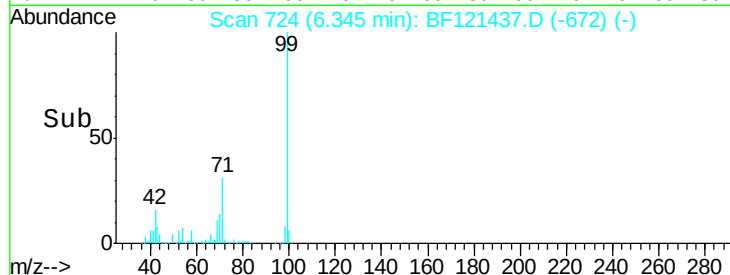
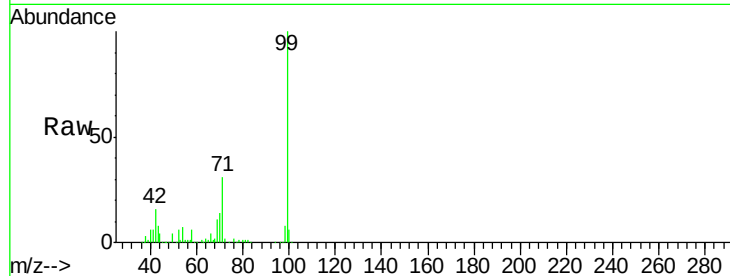
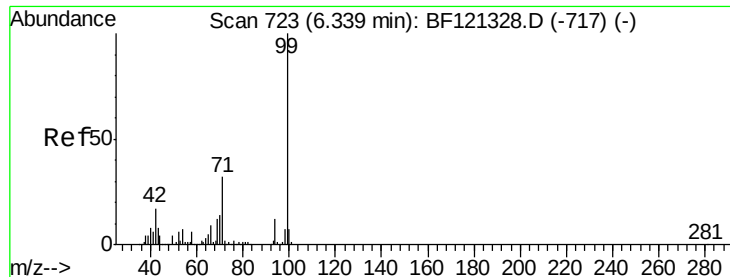
2-Fluorophenol
Concen: 29.924 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121437.D
Acq: 25 Aug 2020 20:13

Tgt Ion:112 Resp: 282616
Ion Ratio Lower Upper
112 100
64 56.5 43.5 65.3
63 28.1 22.0 33.0



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: 28.992 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

1994

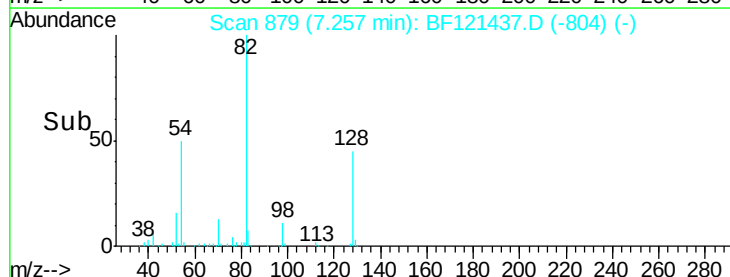
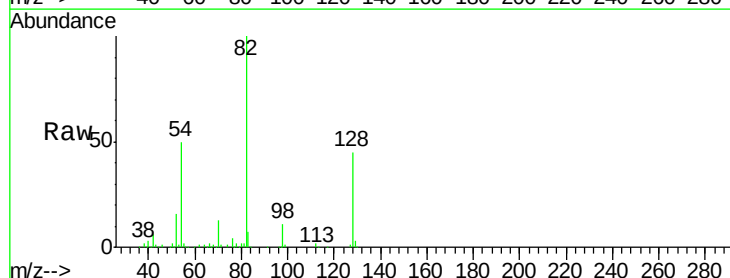
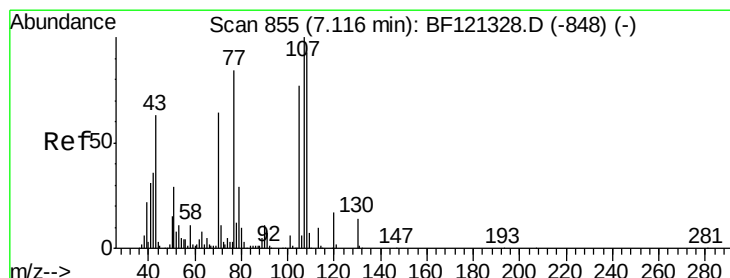
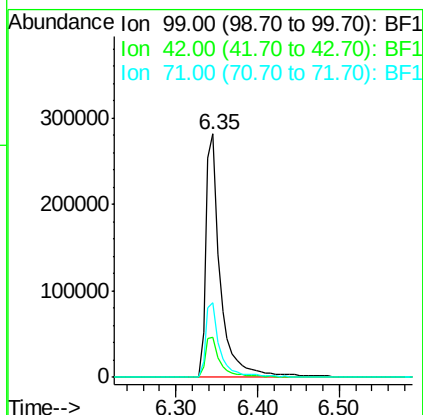
Tot Ion: 99 Resp: 349545

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 30.6 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 4.796 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Tgt Ion: 70 Resp: 31098

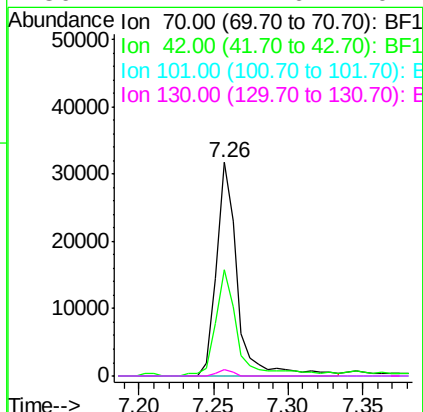
Ion Ratio Lower Upper

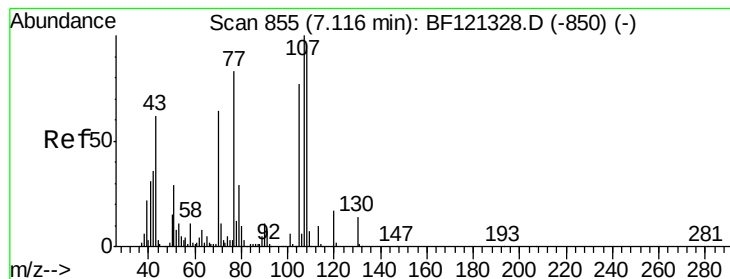
70 100

42 49.6 45.2 67.8

101 0.0 7.7 11.5#

130 2.7 17.6 26.4#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.16 min Scan# 863

Delta R.T. 0.05 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

1994

Tot Ion:107 Resp: 1541

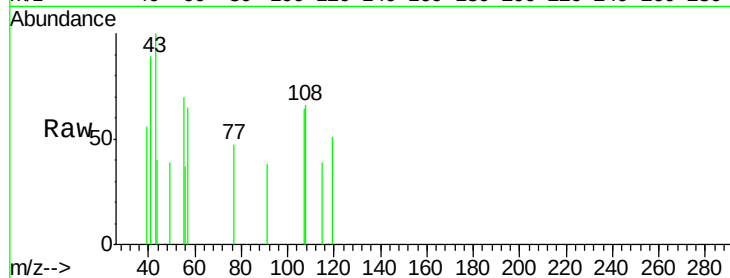
Ion Ratio Lower Upper

107 100

108 103.4 72.6 112.6

77 73.7 63.8 103.8

79 0.0 9.1 49.1#

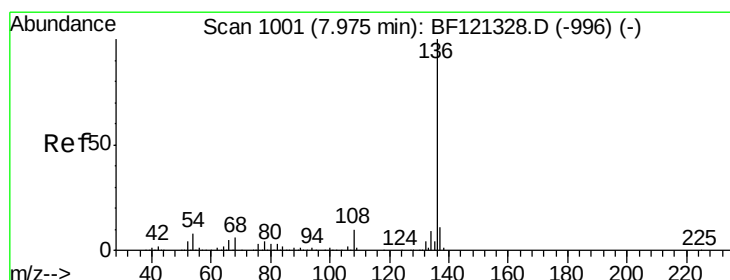
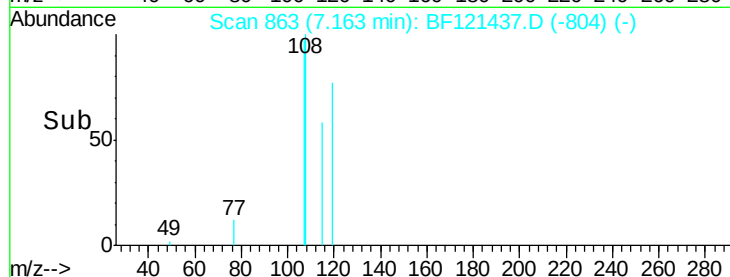
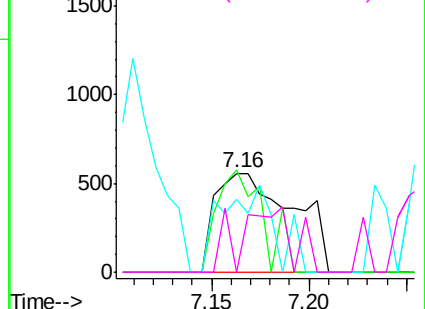


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Tgt Ion:136 Resp: 614010

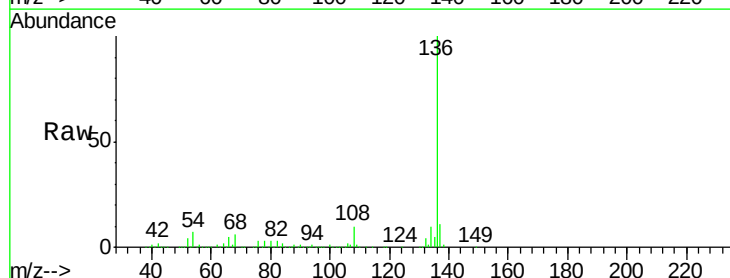
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.3 6.1 9.1

68 5.7 5.0 7.4

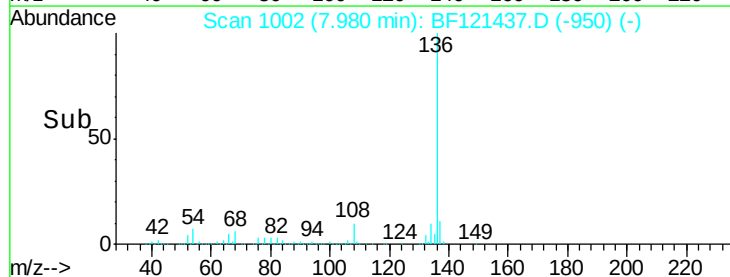
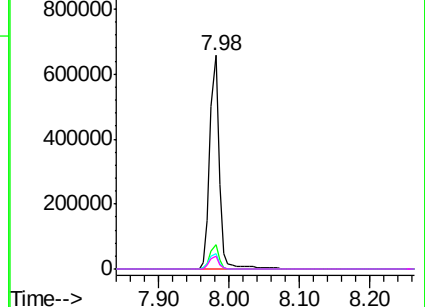


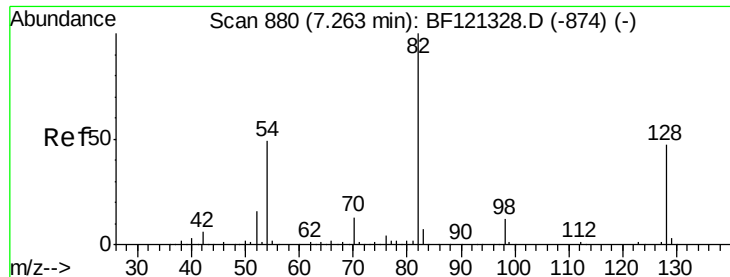
Abundance Ion 136.00 (135.70 to 136.70): E

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

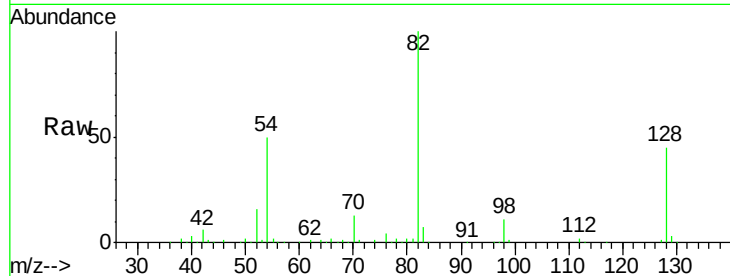




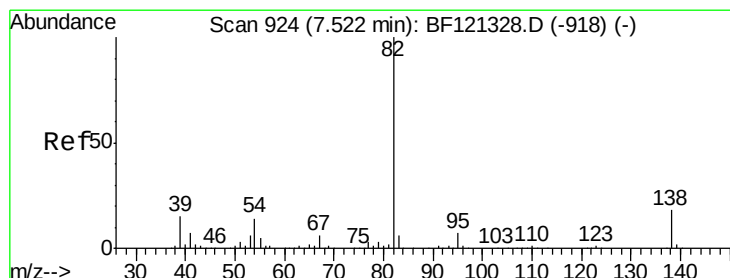
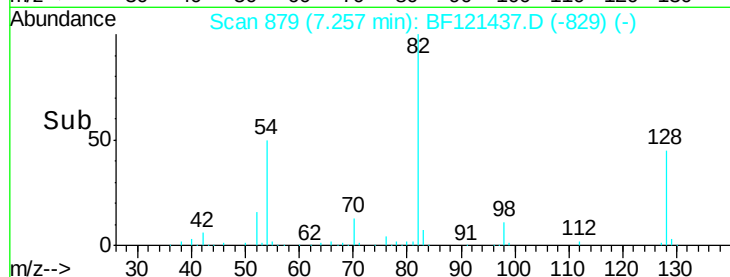
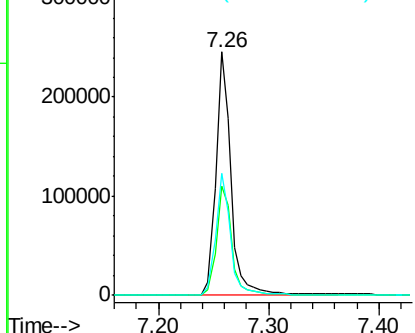
#23
 Nitrobenzene-d5
 Concen: 21.540 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121437.D
 Acq: 25 Aug 2020 20:13

Instrument :
 BNA_F
 ClientSampleID :
 1994

Tot Ion	82	Resp	233851
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.9	56.9
54	50.4	39.0	58.4

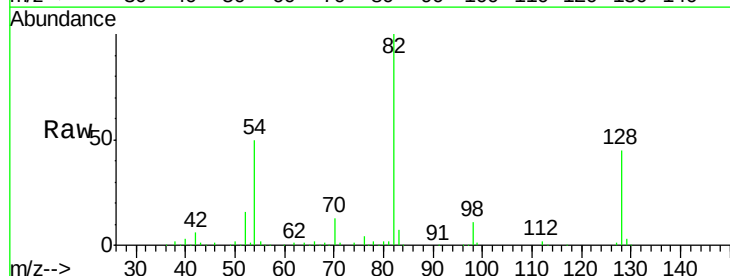


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

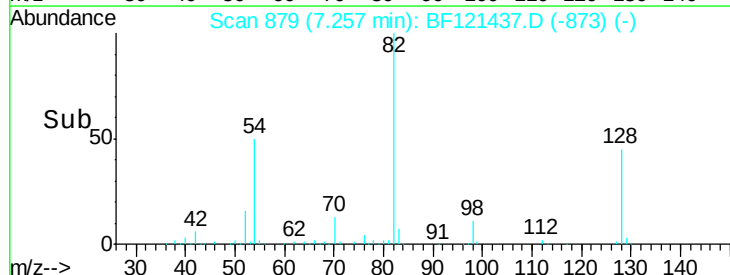
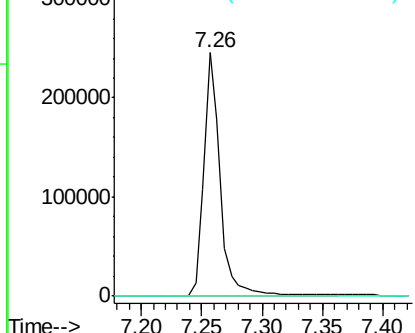


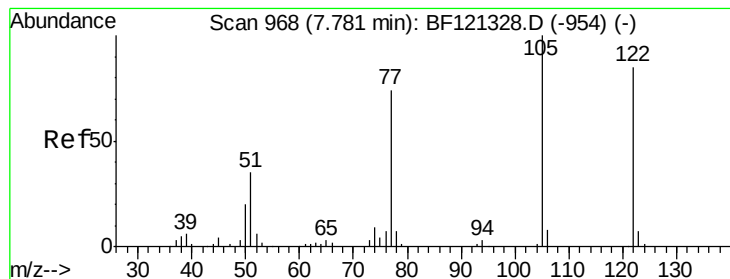
#25
 Isophorone
 Concen: 11.664 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF121437.D
 Acq: 25 Aug 2020 20:13

Tgt Ion	82	Resp	230460
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	14.6	21.8#



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: 7.418 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.02 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

1994

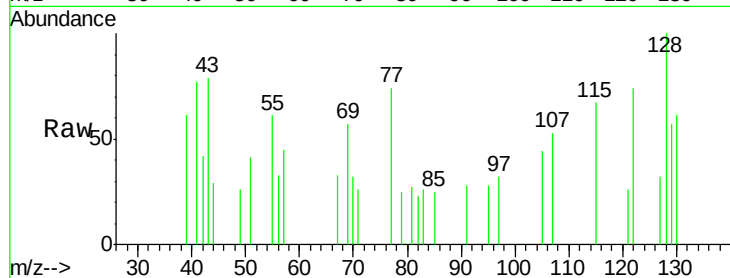
Tot Ion:122 Resp: 2621

Ion Ratio Lower Upper

122 100

105 59.4 96.7 136.7#

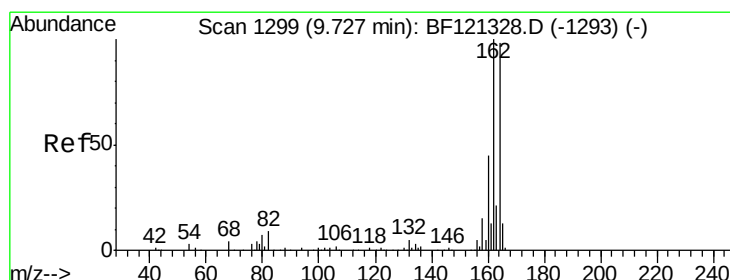
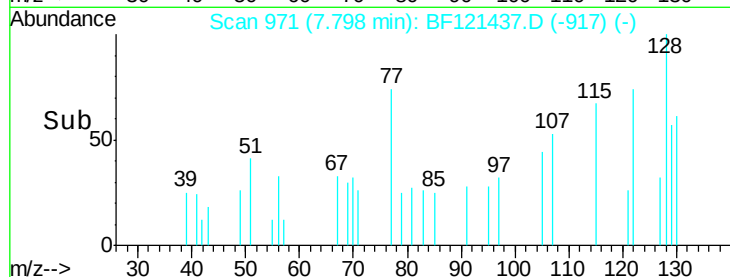
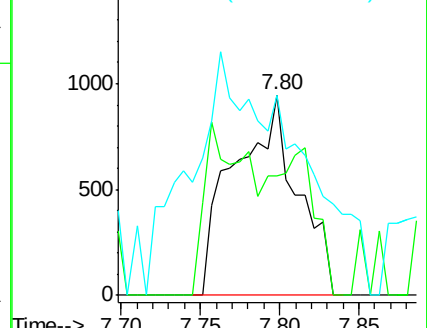
77 99.7 66.7 106.7



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: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

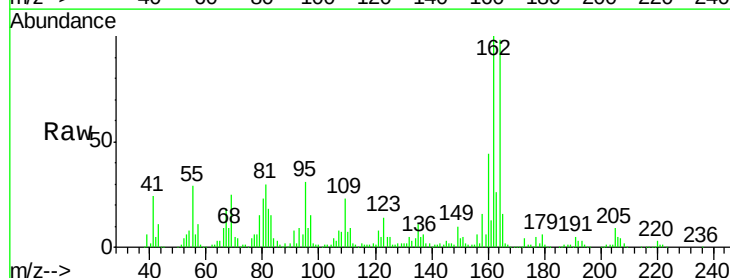
Tgt Ion:164 Resp: 265279

Ion Ratio Lower Upper

164 100

162 101.7 81.7 122.5

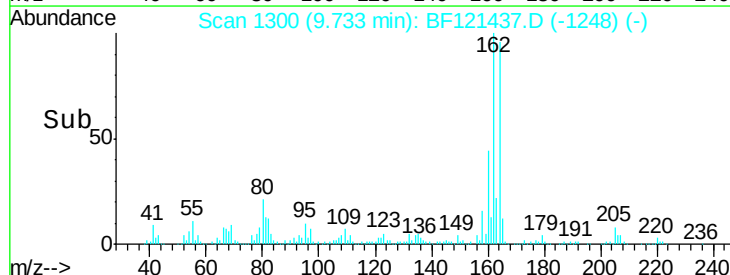
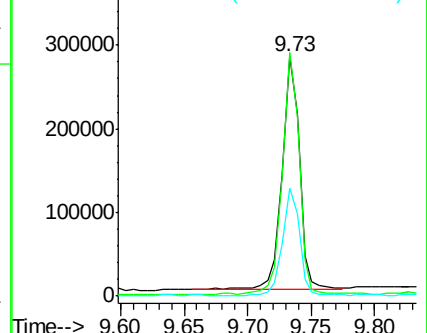
160 45.1 37.0 55.4

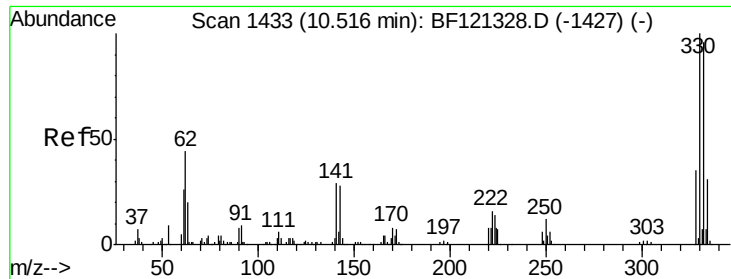


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 21.872 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BF121437.D

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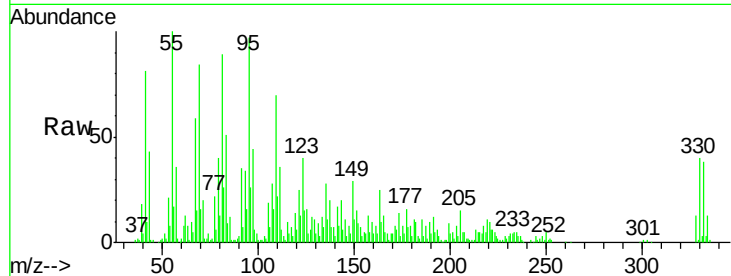
Tot Ion:330 Resp: 67614

Ion Ratio Lower Upper

330 100

332 95.8 76.9 115.3

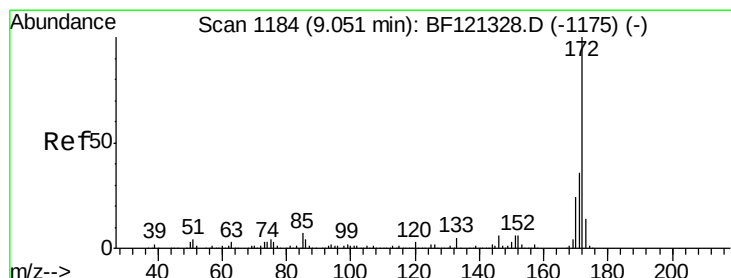
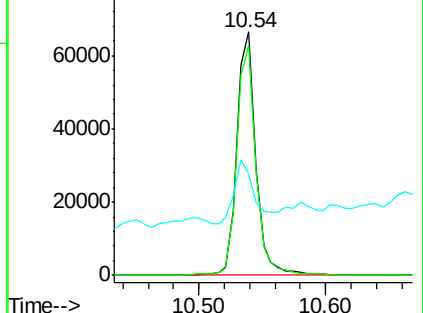
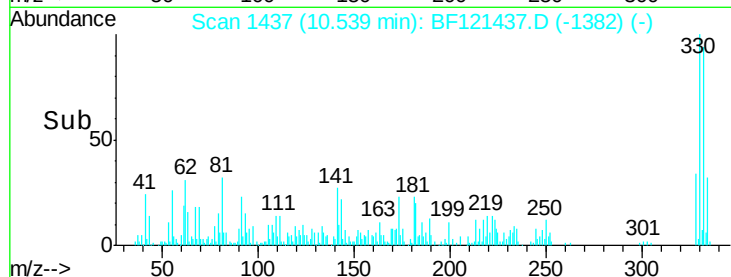
141 29.7 22.8 34.2



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: 23.462 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

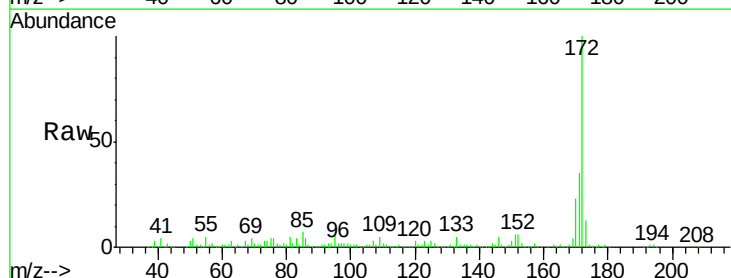
Tgt Ion:172 Resp: 453544

Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

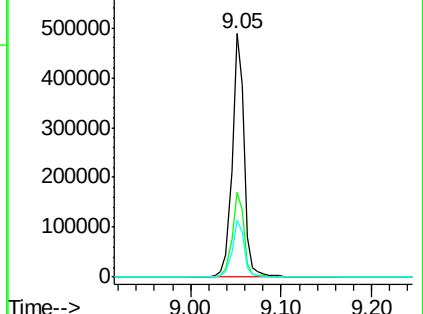
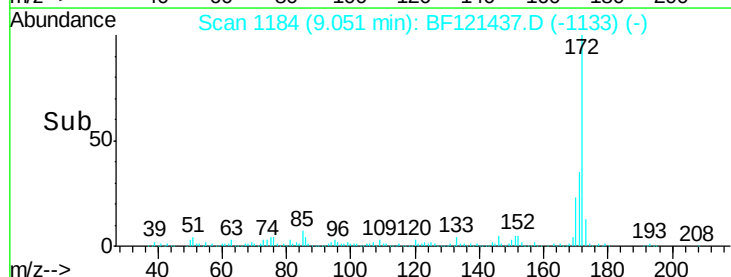
170 23.2 19.4 29.2

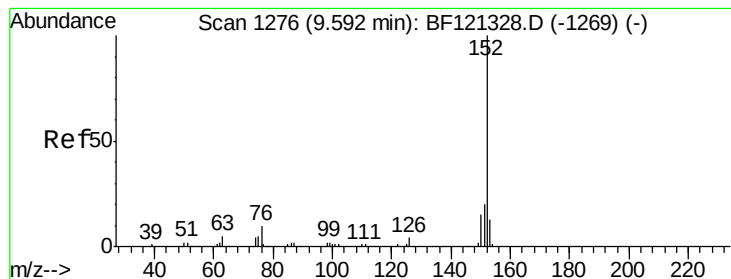


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 6.068 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

1994

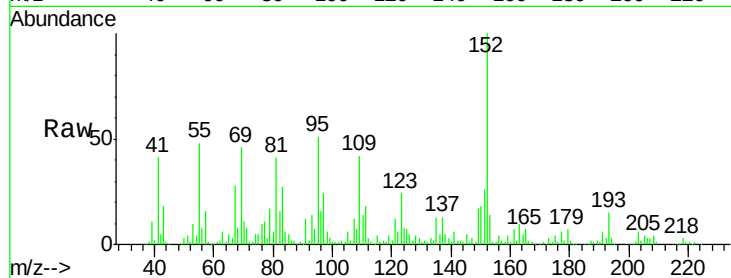
Tot Ion:152 Resp: 147628

Ion Ratio Lower Upper

152 100

151 25.9 16.4 24.6#

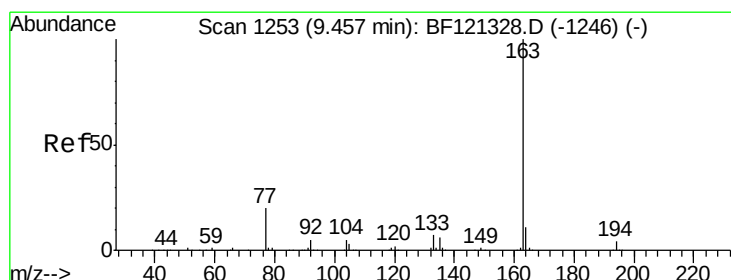
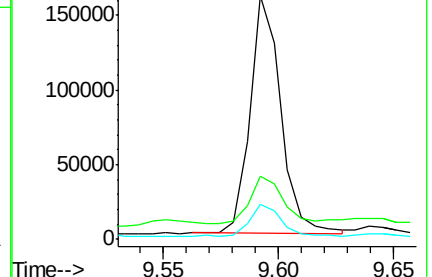
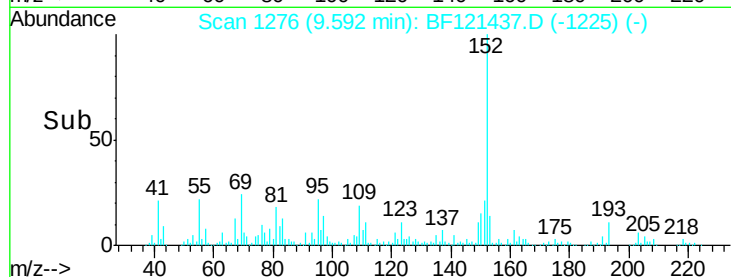
153 14.3 10.6 16.0



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: 2.495 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

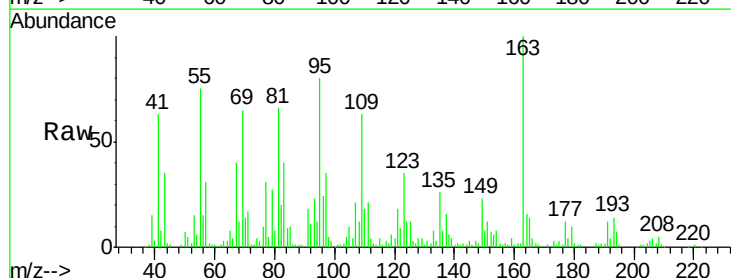
Tgt Ion:163 Resp: 48143

Ion Ratio Lower Upper

163 100

194 6.7 3.0 4.6#

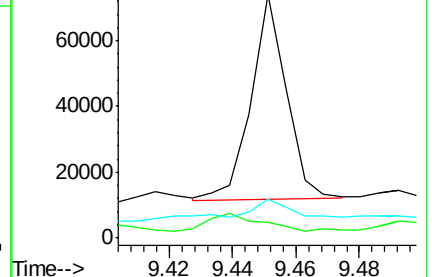
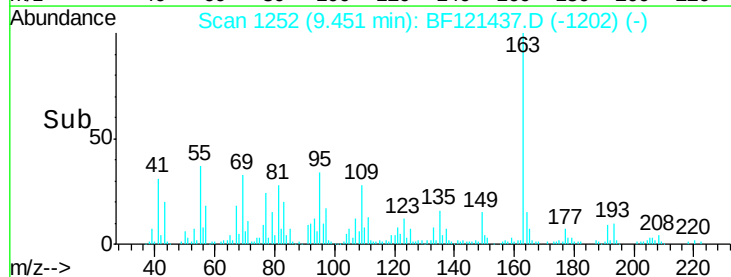
164 16.2 8.4 12.6#

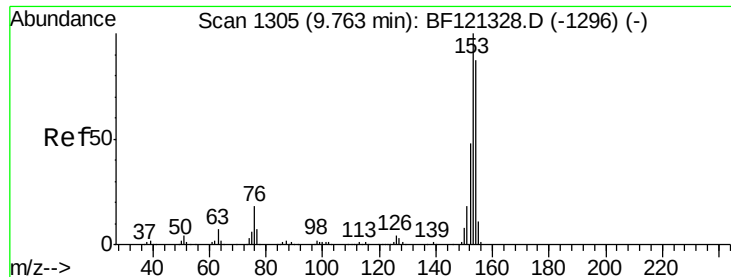


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 7.048 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

1994

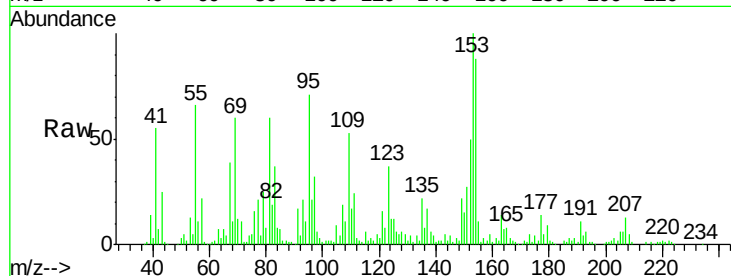
Tot Ion:154 Resp: 104191

Ion Ratio Lower Upper

154 100

153 113.0 92.0 138.0

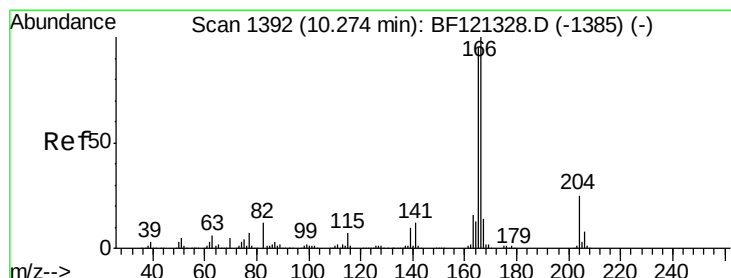
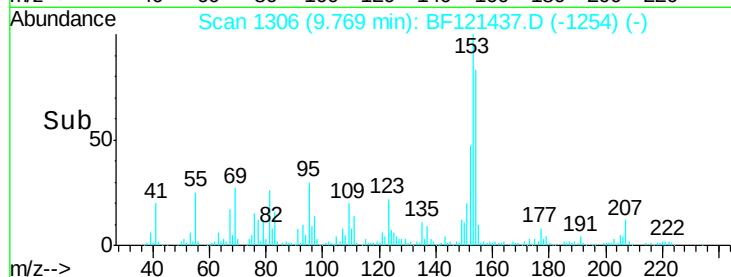
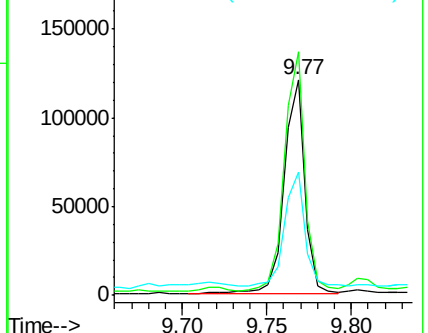
152 57.0 44.6 66.8



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



#58

Fluorene

Concen: 3.446 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

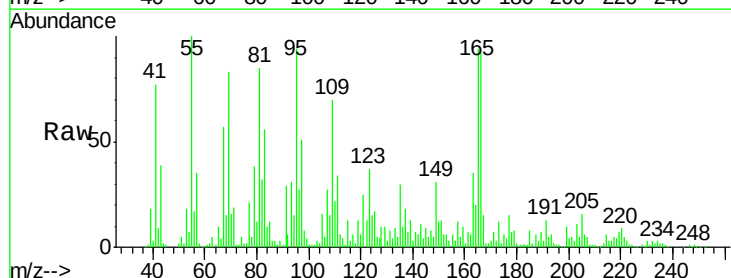
Tgt Ion:166 Resp: 126942

Ion Ratio Lower Upper

166 100

165 102.0 75.8 113.8

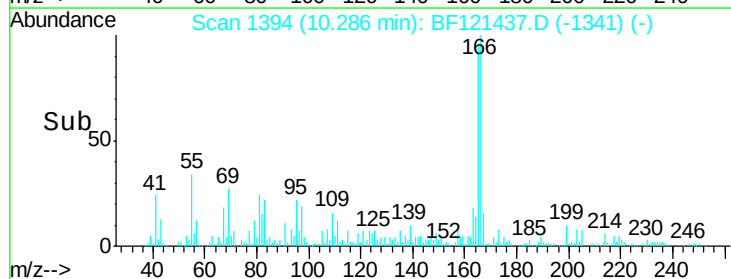
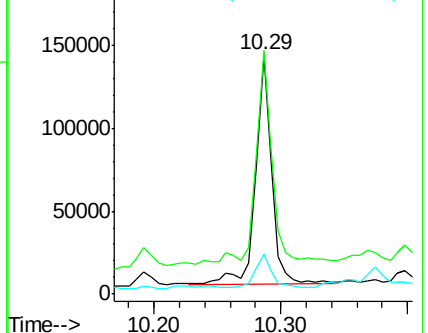
167 16.7 11.0 16.4#

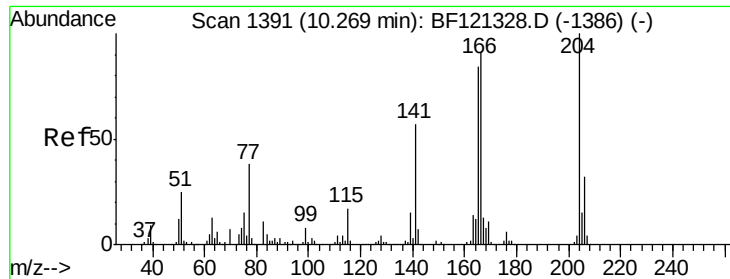


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

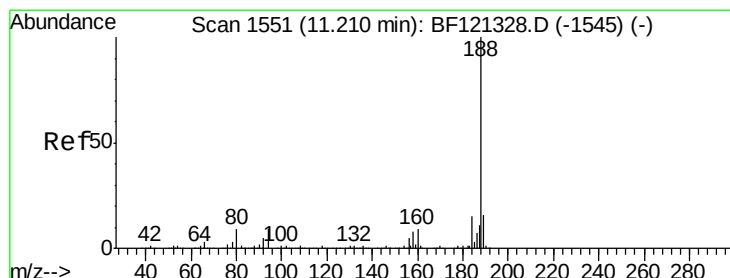
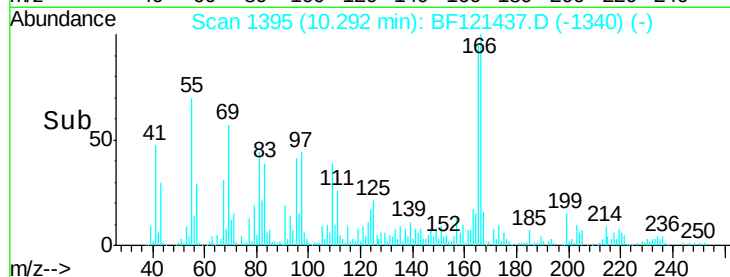
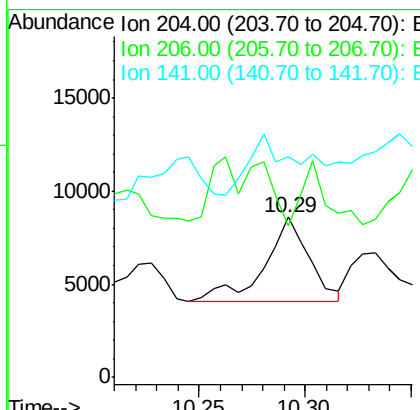
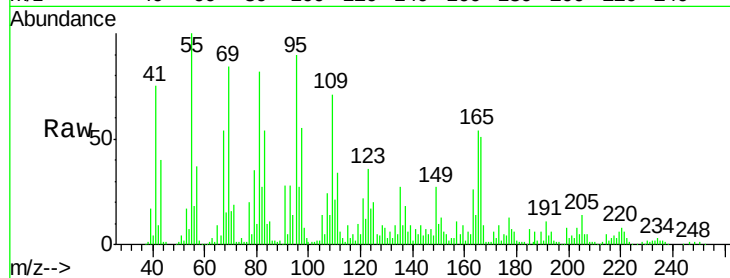




#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.29 min Scan# 1395
Delta R.T. 0.02 min
Lab File: BF121437.D
Acq: 25 Aug 2020 20:13

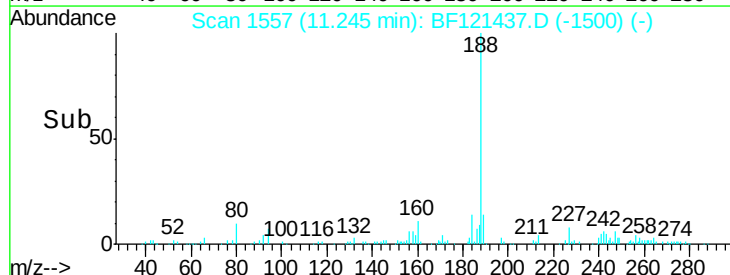
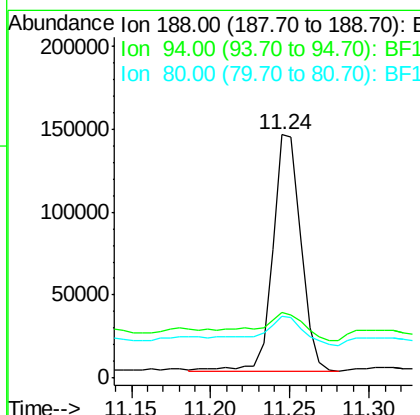
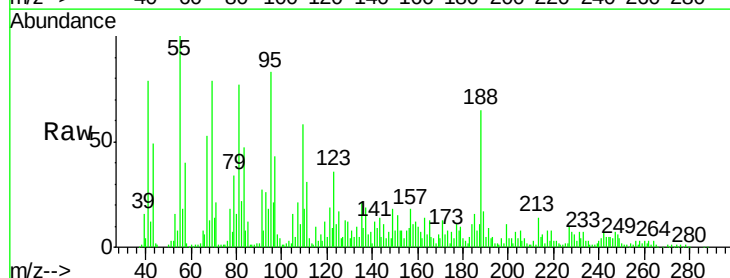
Instrument :
BNA_F
ClientSampled :
1994

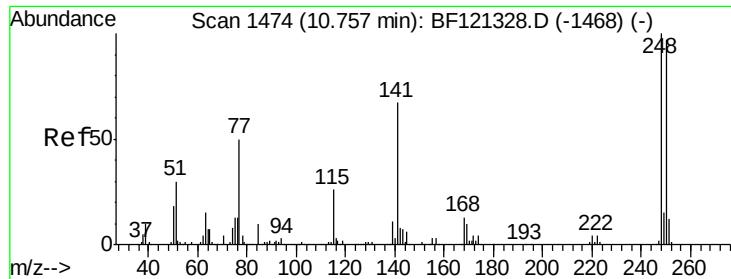
Tot Ion:204 Resp: 6621
Ion Ratio Lower Upper
204 100
206 95.1 25.9 38.9#
141 138.2 45.5 68.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.04 min
Lab File: BF121437.D
Acq: 25 Aug 2020 20:13

Tgt Ion:188 Resp: 176592
Ion Ratio Lower Upper
188 100
94 27.1 7.2 10.8#
80 25.2 7.4 11.0#

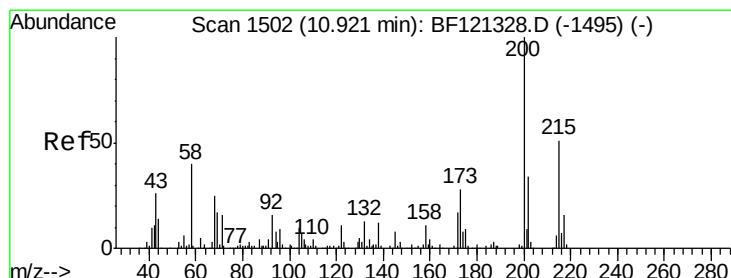
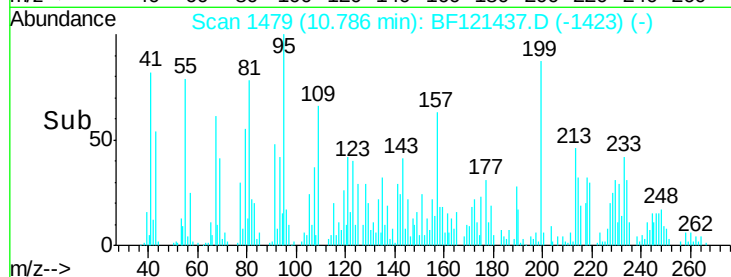
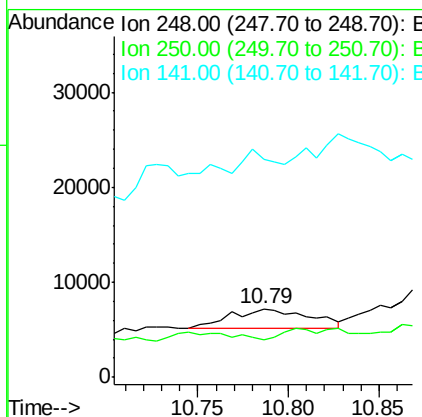
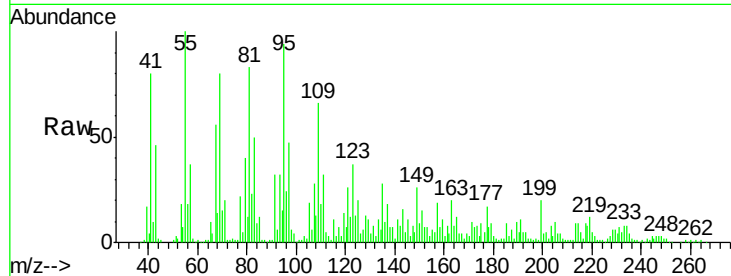




#67
4-Bromophenyl-phenylether
Concen: 3.080 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.03 min
Lab File: BF121437.D
Acq: 25 Aug 2020 20:13

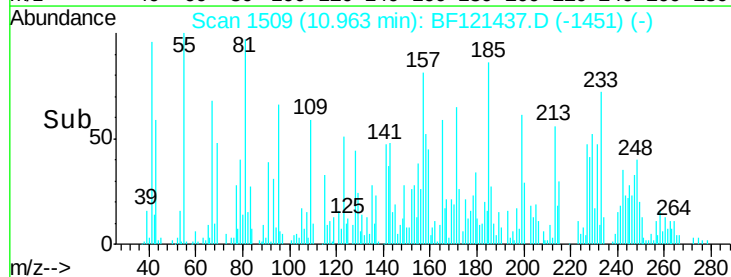
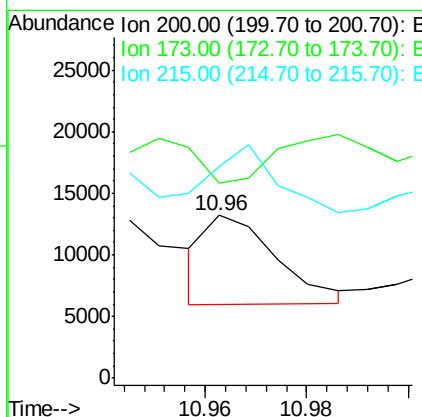
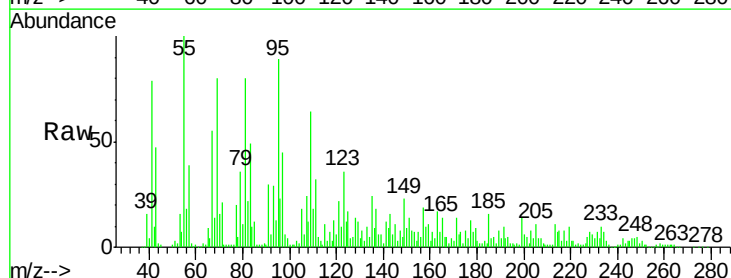
Instrument :
BNA_F
ClientSampleId :
1994

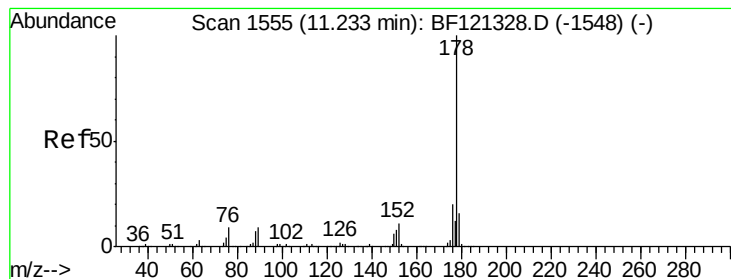
Tot Ion:248 Resp: 6033
Ion Ratio Lower Upper
248 100
250 54.6 77.9 116.9#
141 317.2 53.5 80.3#



#69
Atrazine
Concen: 4.149 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.04 min
Lab File: BF121437.D
Acq: 25 Aug 2020 20:13

Tgt Ion:200 Resp: 7001
Ion Ratio Lower Upper
200 100
173 120.1 7.8 47.8#
215 130.6 30.5 70.5#





#71

Phenanthrene

Concen: 60.448 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.05 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

1994

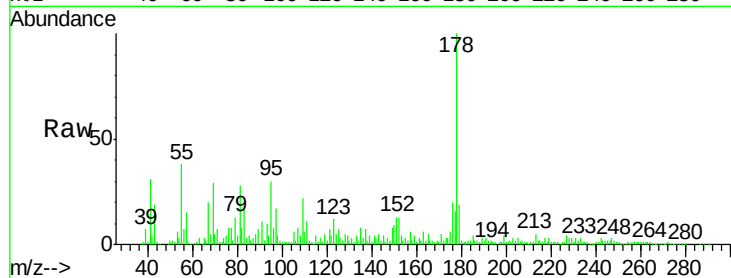
Tot Ion:178 Resp: 552464

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

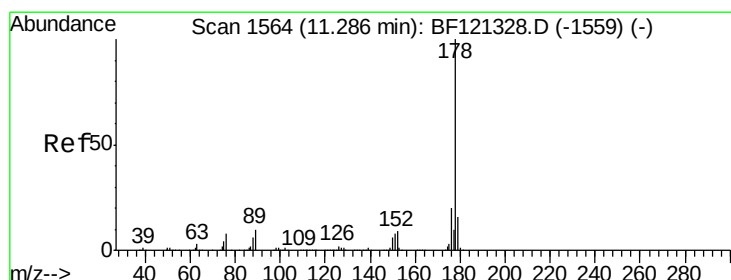
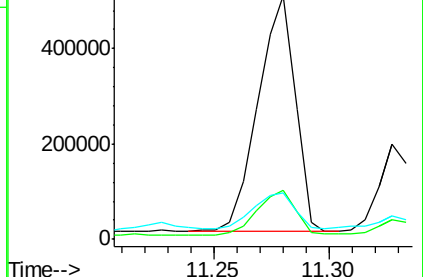
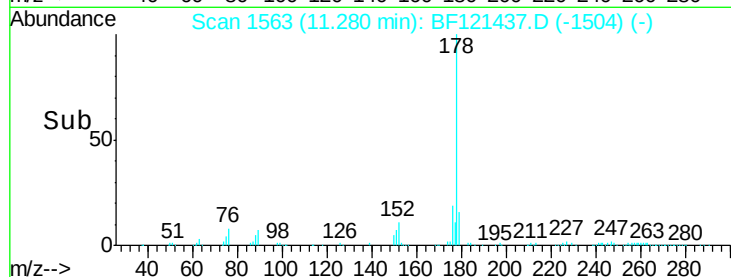
179 18.9 12.8 19.2



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



#72

Anthracene

Concen: 62.771 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

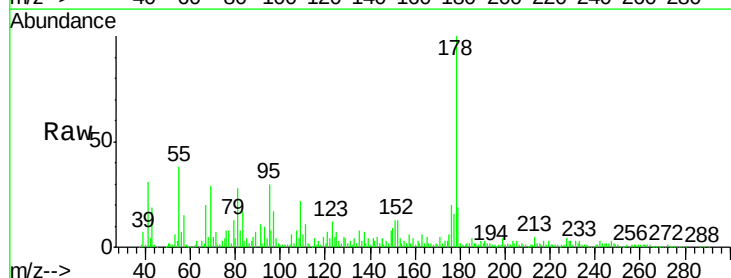
Tgt Ion:178 Resp: 552464

Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

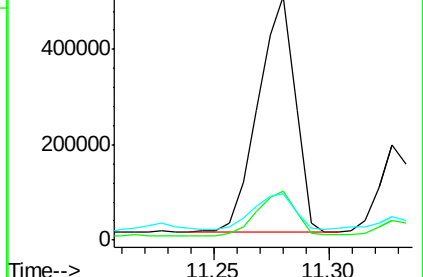
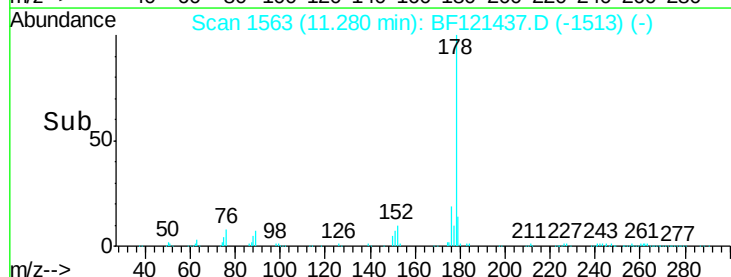
179 18.9 12.8 19.2

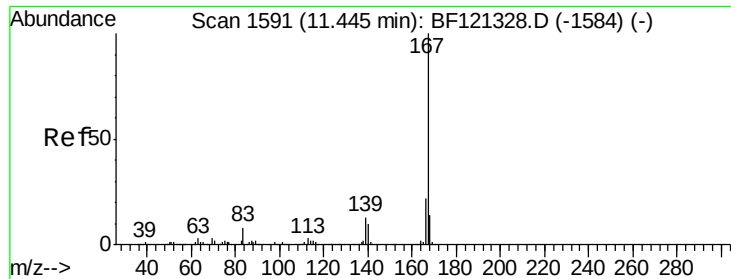


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

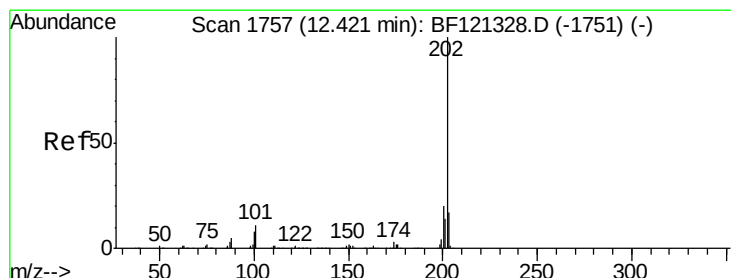
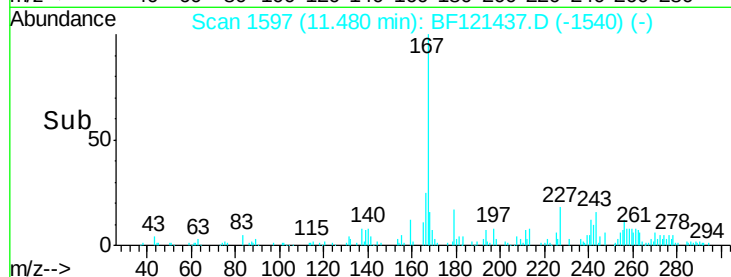
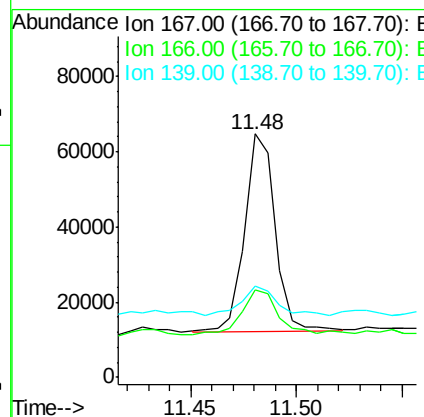
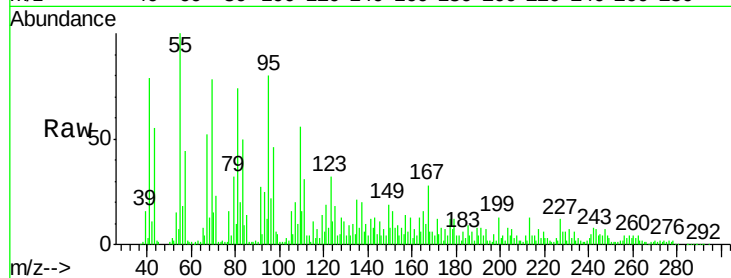




#73
 Carbazole
 Concen: 6.241 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.04 min
 Lab File: BF121437.D
 Acq: 25 Aug 2020 20:13

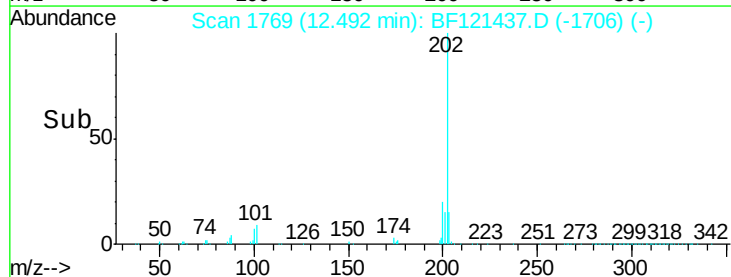
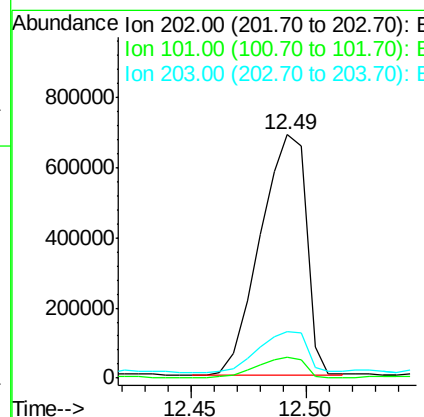
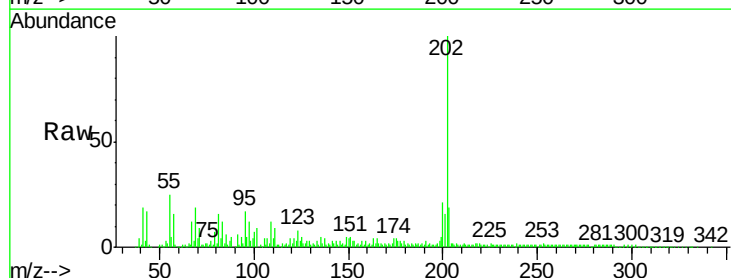
Instrument :
 BNA_F
 ClientSampleId :
 1994

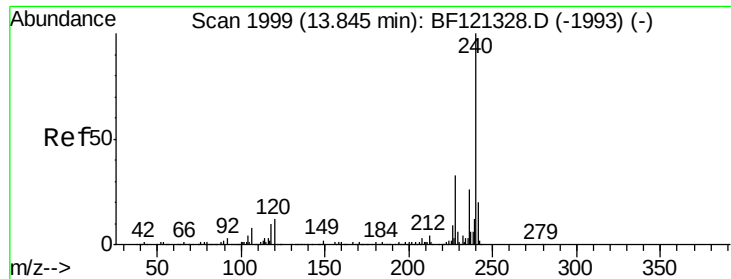
Tot Ion:167 Resp: 52420
 Ion Ratio Lower Upper
 167 100
 166 35.8 17.7 26.5#
 139 37.5 10.2 15.2#



#75
 Fluoranthene
 Concen: 95.361 ng
 RT: 12.49 min Scan# 1769
 Delta R.T. 0.07 min
 Lab File: BF121437.D
 Acq: 25 Aug 2020 20:13

Tgt Ion:202 Resp: 945997
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 30.6
 203 19.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.04 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

1994

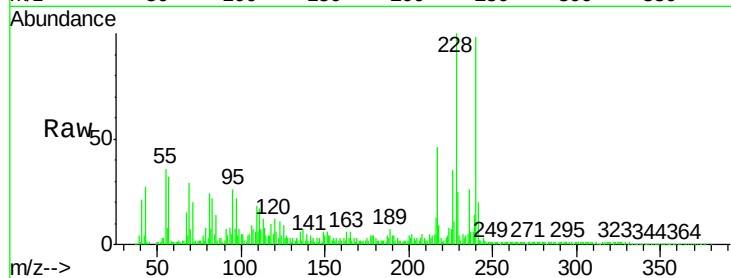
Tot Ion:240 Resp: 237033

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

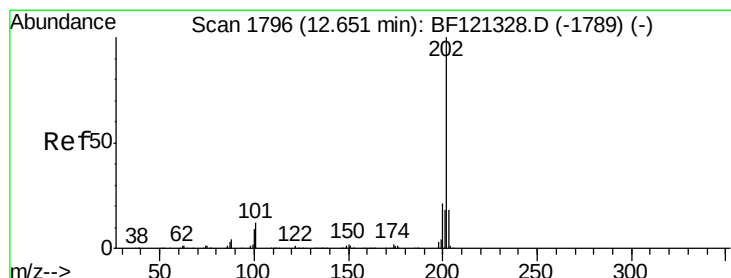
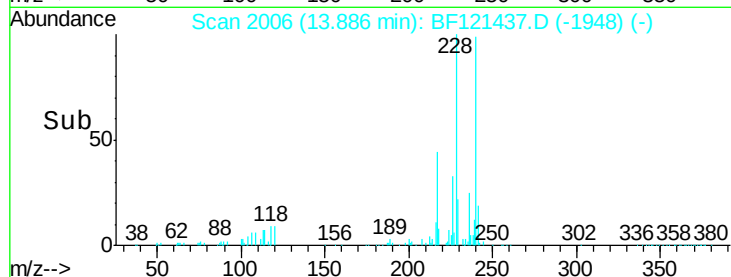
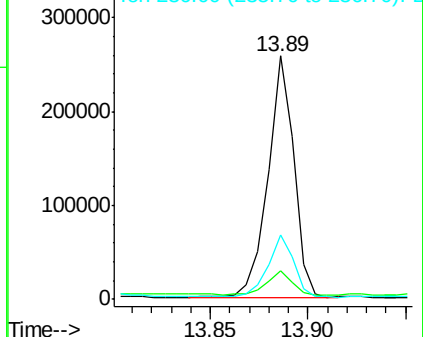
236 26.5 20.6 31.0



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

Pyrene

Concen: 52.992 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.07 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

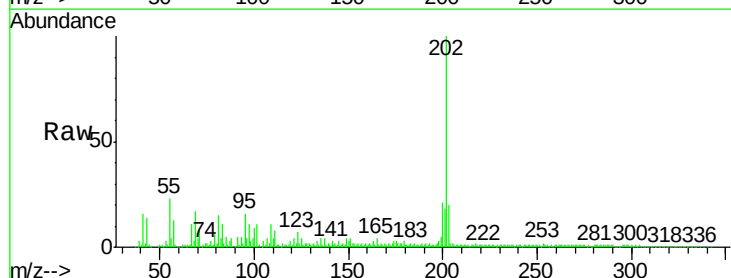
Tgt Ion:202 Resp: 943542

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

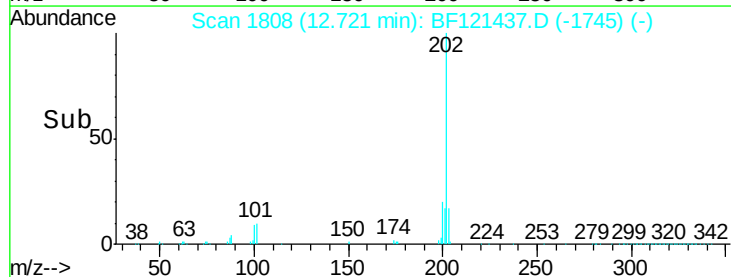
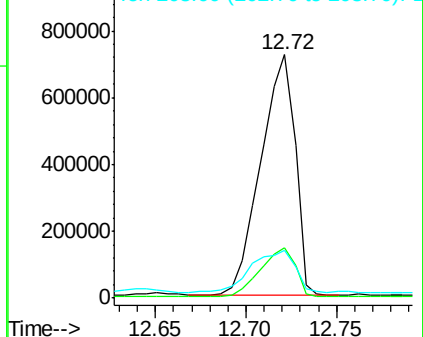
203 19.8 14.2 21.2

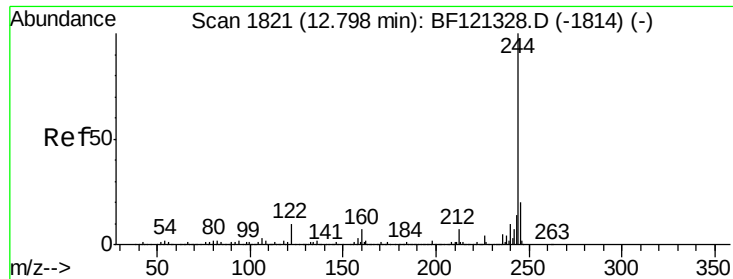


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 15.979 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.04 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

1994

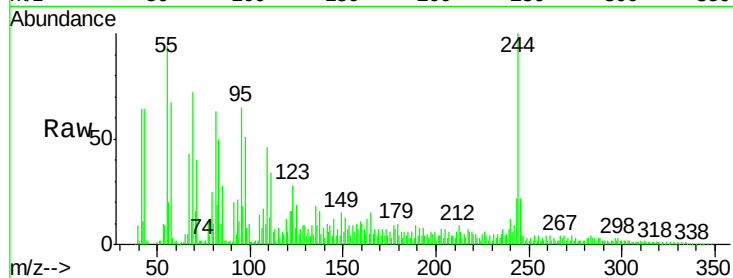
Tot Ion:244 Resp: 193822

Ion Ratio Lower Upper

244 100

212 9.0 5.4 8.0#

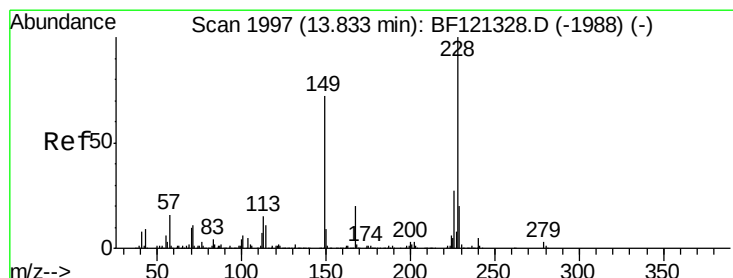
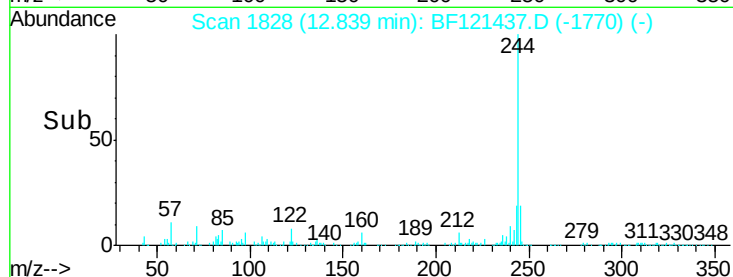
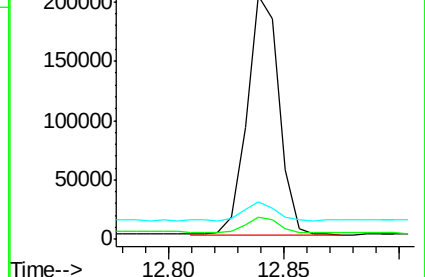
122 15.6 7.8 11.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 58.832 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.04 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

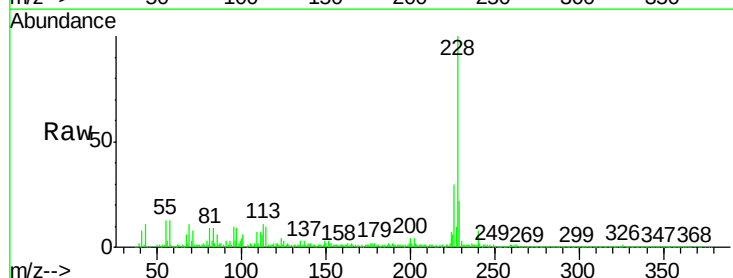
Tgt Ion:228 Resp: 866148

Ion Ratio Lower Upper

228 100

226 30.1 21.8 32.6

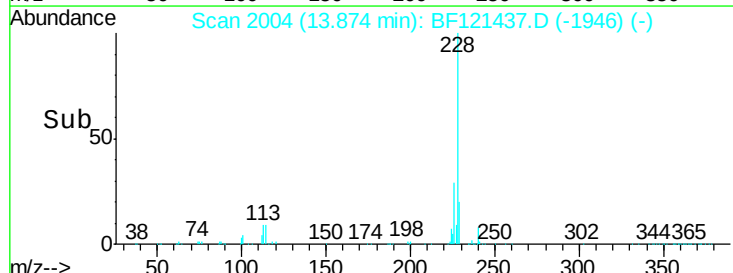
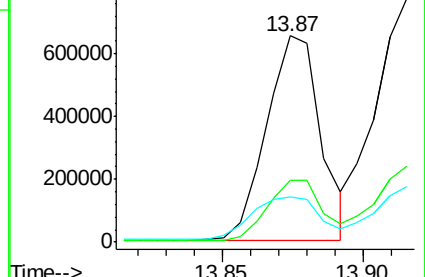
229 22.2 15.8 23.8

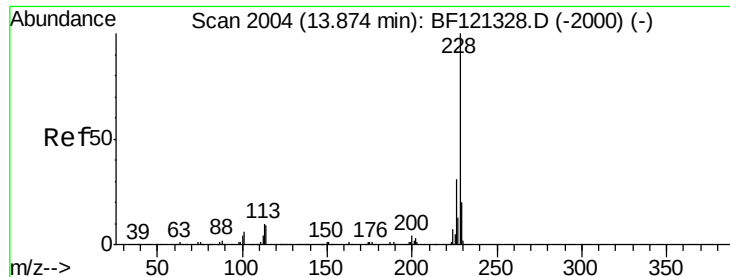


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

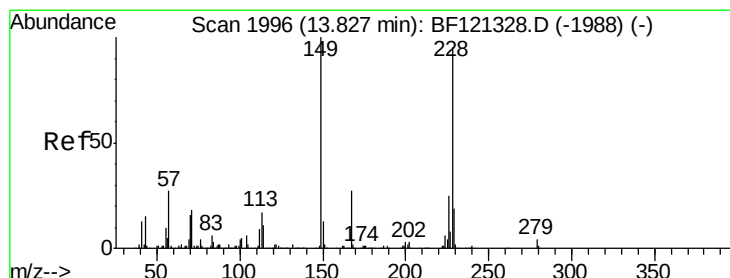
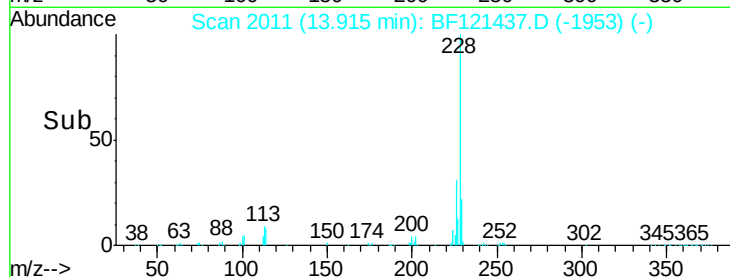
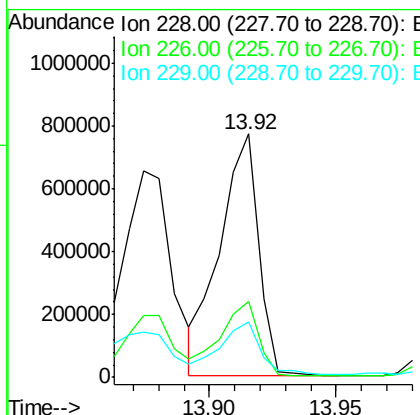
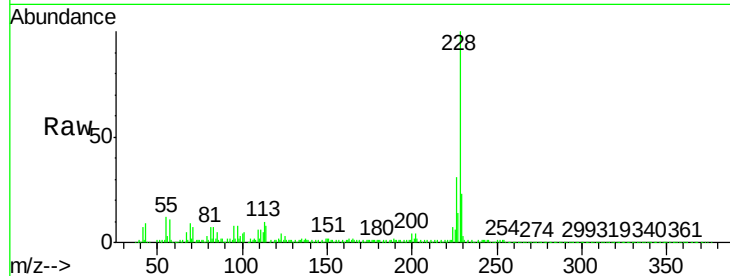




#83
 Chrysene
 Concen: 54.297 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.04 min
 Lab File: BF121437.D
 Acq: 25 Aug 2020 20:13

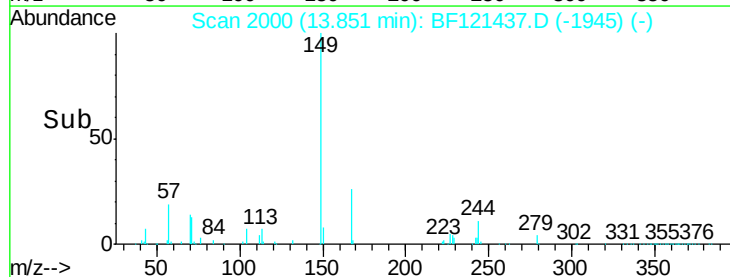
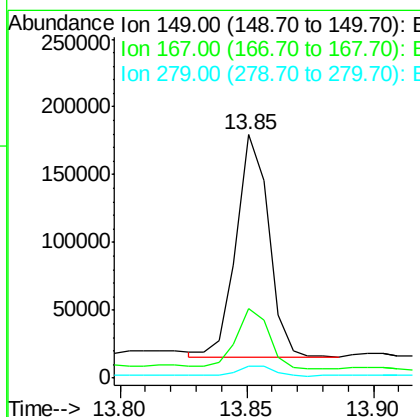
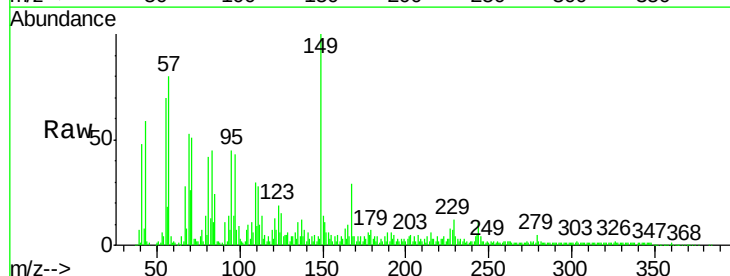
Instrument :
 BNA_F
 ClientSampleId :
 1994

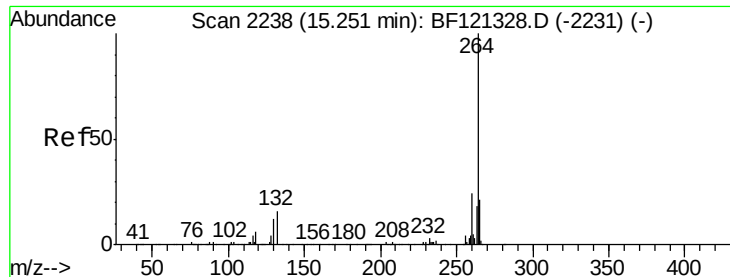
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	36.8
229	22.9	15.9	23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 16.224 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.02 min
 Lab File: BF121437.D
 Acq: 25 Aug 2020 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.5	32.3
279	4.9	2.9	4.3#

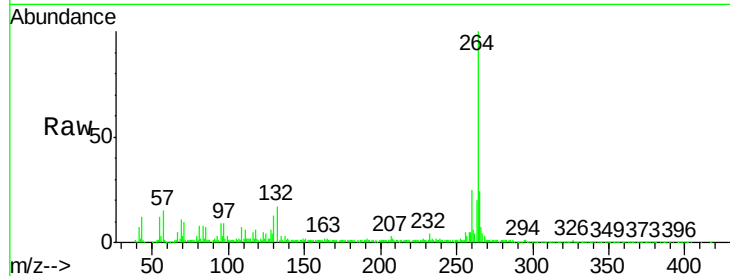




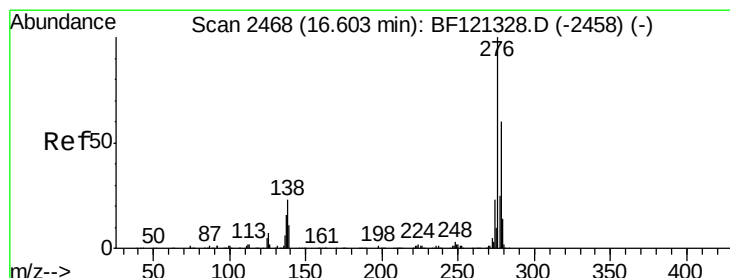
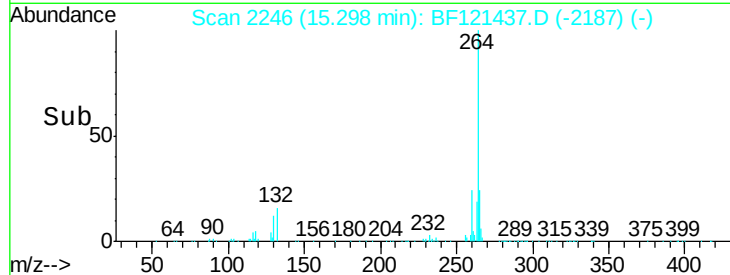
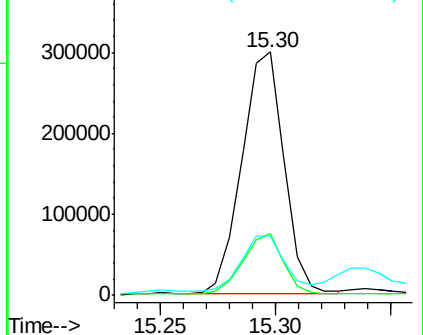
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.05 min
Lab File: BF121437.D
Acq: 25 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
1994

Tot Ion:264 Resp: 379414
Ion Ratio Lower Upper
264 100
260 25.3 19.5 29.3
265 24.2 17.1 25.7

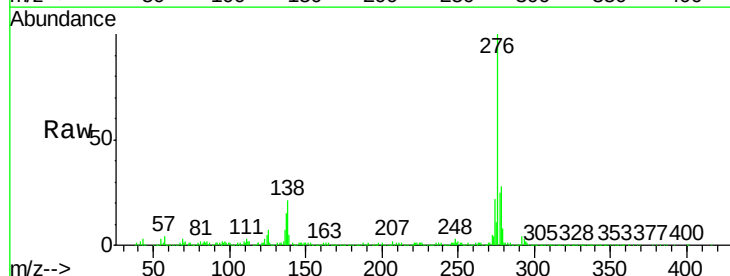


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

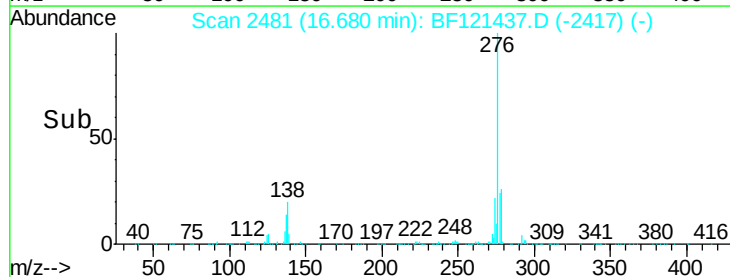
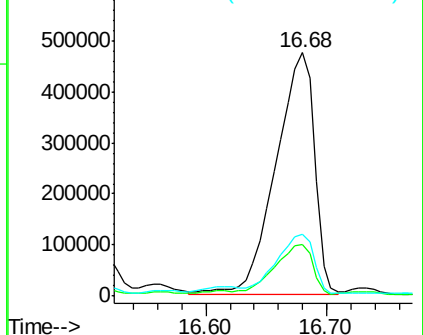


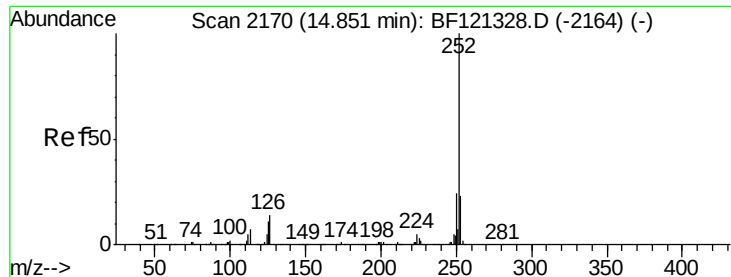
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.064 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.08 min
Lab File: BF121437.D
Acq: 25 Aug 2020 20:13

Tgt Ion:276 Resp: 1043702
Ion Ratio Lower Upper
276 100
138 21.5 19.4 29.0
277 24.0 19.9 29.9



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: 77.696 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.05 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Instrument :

BNA_F

ClientSampled :

1994

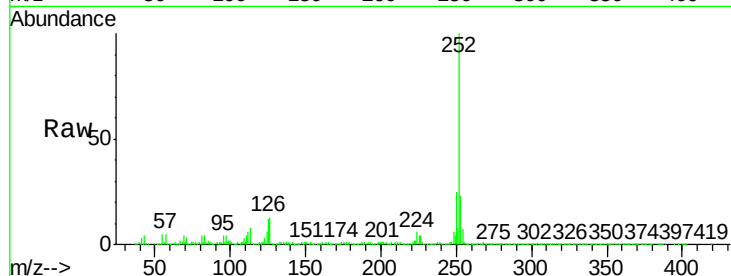
Tot Ion:252 Resp: 1904472

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

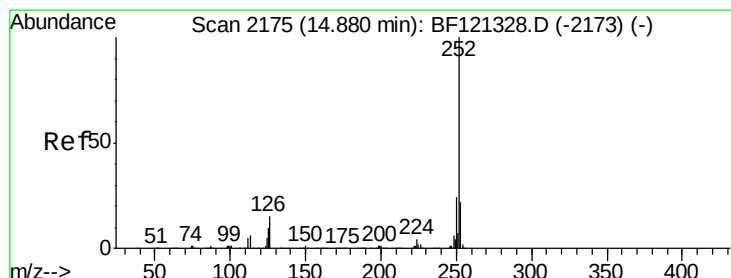
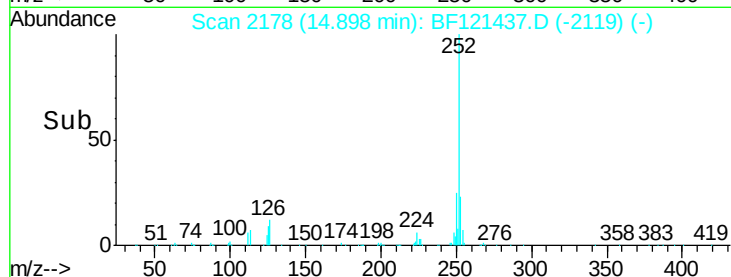
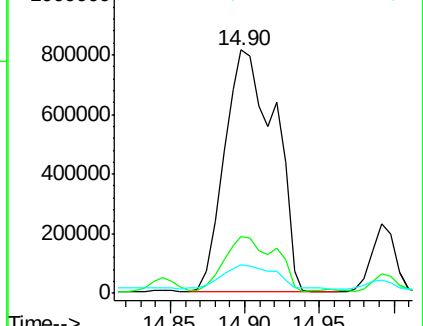
125 11.7 8.6 12.8



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



#89

Benzo(k)fluoranthene

Concen: 88.265 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.02 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

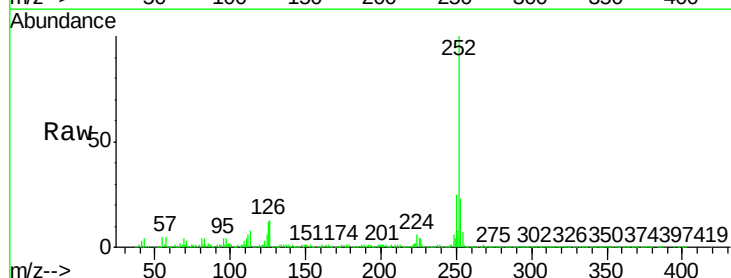
Tgt Ion:252 Resp: 1904472

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

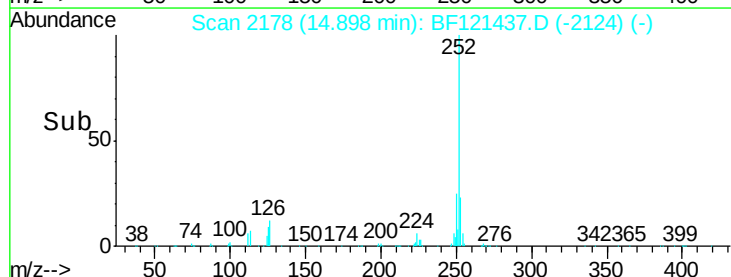
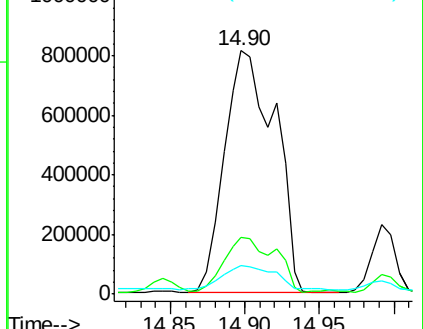
125 11.7 8.6 12.8

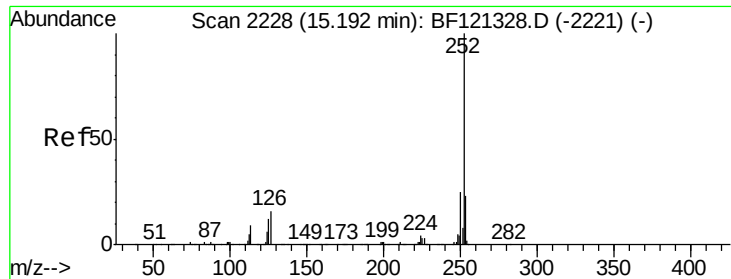


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

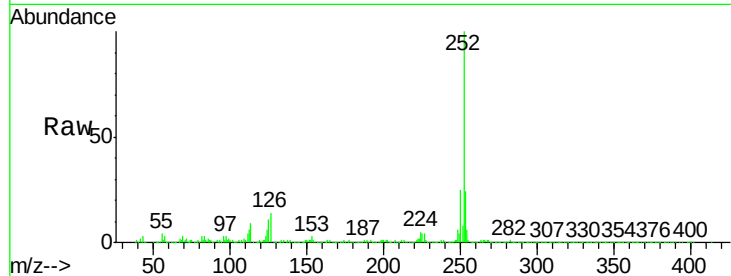




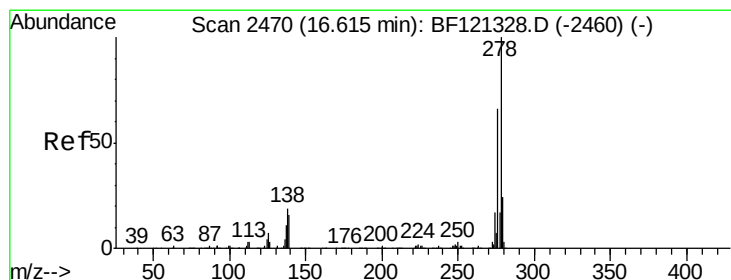
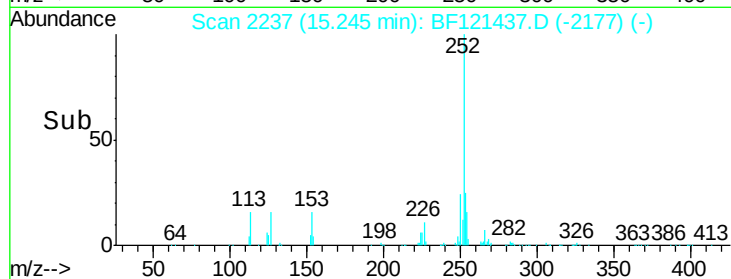
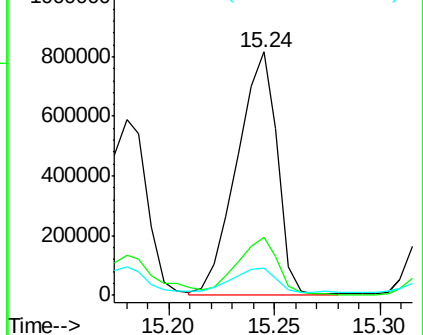
#90
Benzo(a)pyrene
Concen: 50.430 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.05 min
Lab File: BF121437.D
Acq: 25 Aug 2020 20:13

Instrument :
BNA_F
ClientSampleId :
1994

Tot Ion:252 Resp: 1068056
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 11.1 9.4 14.0

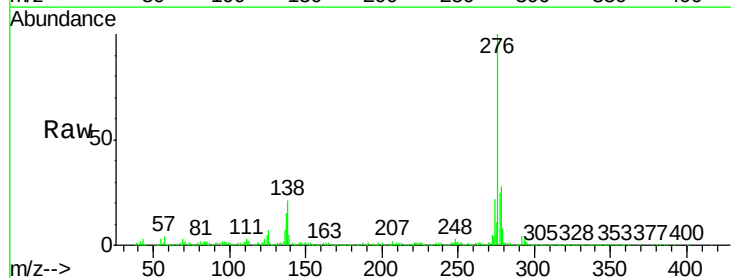


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

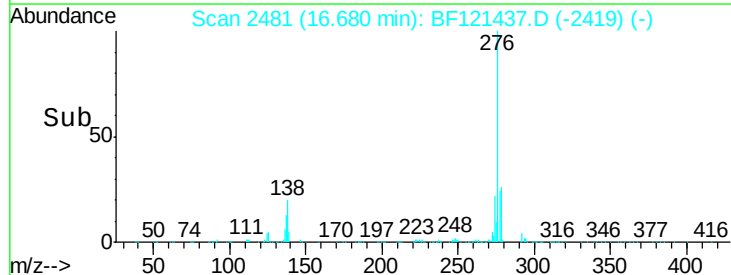
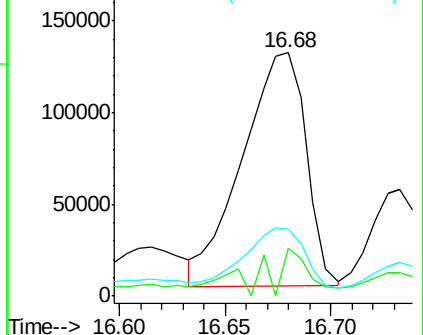


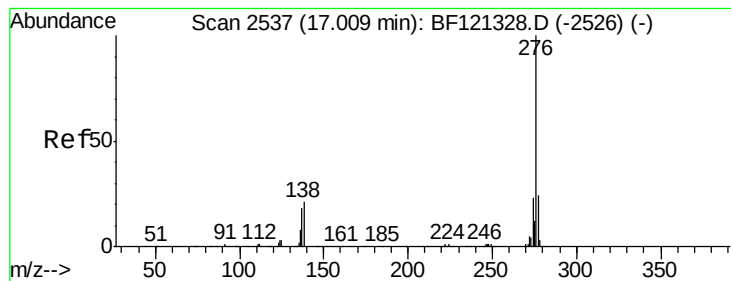
#91
Dibenzo(a,h)anthracene
Concen: 14.067 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.06 min
Lab File: BF121437.D
Acq: 25 Aug 2020 20:13

Tgt Ion:278 Resp: 267131
Ion Ratio Lower Upper
278 100
139 19.4 13.1 19.7
279 27.3 19.4 29.2



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: 53.605 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.09 min

Lab File: BF121437.D

Acq: 25 Aug 2020 20:13

Instrument :

BNA_F

ClientSampleId :

1994

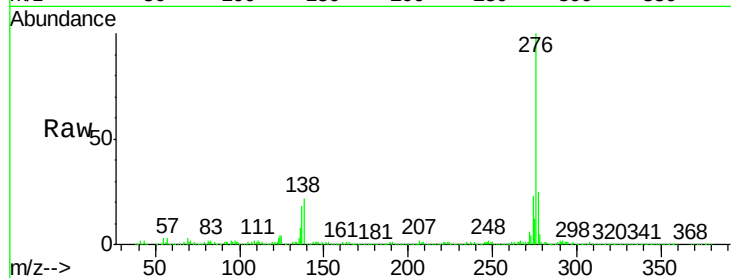
Tot Ion: 276 Resp: 995147

Ion Ratio Lower Upper

276 100

277 25.3 19.3 28.9

138 22.0 16.8 25.2



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

