

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121829.D
 Acq On : 5 Oct 2020 21:22
 Operator : JU/CG
 Sample : L4247-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-20(12-14)

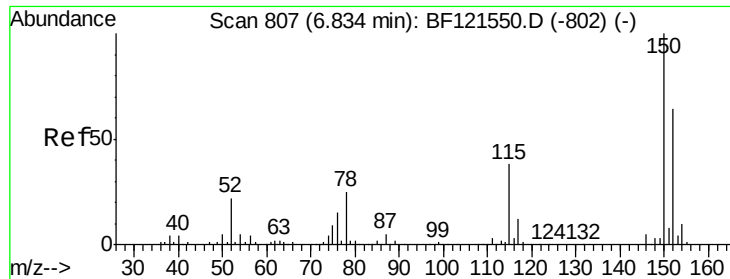
Quant Time: Oct 06 00:22:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	96901	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	358498	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	166429	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	261282	20.00	ng	0.00
76) Chrysene-d12	13.93	240	215796	20.00	ng	0.00
86) Perylene-d12	15.37	264	244047	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	561745	86.15	ng	0.00
7) Phenol-d6	6.41	99	774954	90.59	ng	0.00
23) Nitrobenzene-d5	7.33	82	513572	76.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	110602	53.47	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	868899	79.07	ng	-0.01
79) Terphenyl-d14	12.87	244	675736	63.44	ng	-0.01

Target Compounds					Qvalue	
19) n-Nitroso-di-n-propylamine	7.33	70	68914	13.978	ng	# 78
25) Isophorone	7.33	82	513569	38.210	ng	# 67
31) Naphthalene	8.07	128	258264	13.647	ng	99
32) Benzoic acid	7.85	122	1081	7.142	ng	# 19
33) 4-Chloroaniline	8.07	127	32874	4.007	ng	# 33
37) 2-Methylnaphthalene	8.76	142	42318	3.412	ng	99
38) 1-Methylnaphthalene	8.86	142	28511	2.470	ng	99
49) Acenaphthylene	9.66	152	56185	3.483	ng	97
50) Dimethylphthalate	9.52	163	93662	7.765	ng	100
52) Acenaphthene	9.83	154	158479	15.554	ng	99
55) Dibenzofuran	10.00	168	126044	8.784	ng	98
56) 4-Nitrophenol	10.00	139	47214	19.894	ng	# 12
58) Fluorene	10.34	166	166721	15.194	ng	98
67) 4-Bromophenyl-phenylether	10.59	248	6653	2.236	ng	# 1
71) Phenanthrene	11.32	178	1334665	93.755	ng	99
72) Anthracene	11.36	178	443000	30.155	ng	99
73) Carbazole	11.52	167	204222	15.405	ng	99
75) Fluoranthene	12.50	202	1687071	111.017	ng	99
78) Pyrene	12.73	202	1415121	89.754	ng	99
80) Butylbenzylphthalate	13.32	149	16829	2.639	ng	# 41
81) Benzo(a)anthracene	13.92	228	932625	68.313	ng	98
83) Chrysene	13.96	228	783356	56.663	ng	97
87) Indeno(1,2,3-cd)pyrene	16.79	276	445398	28.025	ng	95
88) Benzo(b)fluoranthene	14.96	252	1438019	88.142	ng	97
89) Benzo(k)fluoranthene	14.96	252	1438019	96.252	ng	# 96
90) Benzo(a)pyrene	15.32	252	773835	55.799	ng	96
91) Dibenzo(a,h)anthracene	16.94	278	102190	7.724	ng	97
92) Benzo(g,h,i)perylene	17.22	276	378182	29.080	ng	98

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

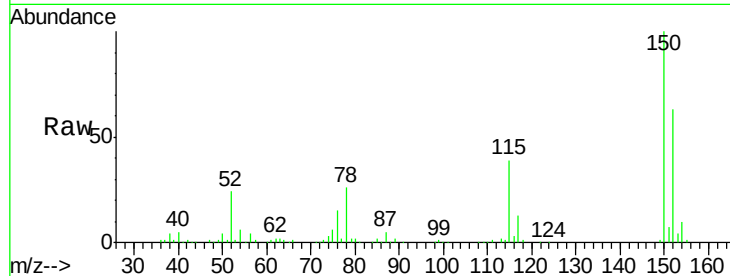


#1

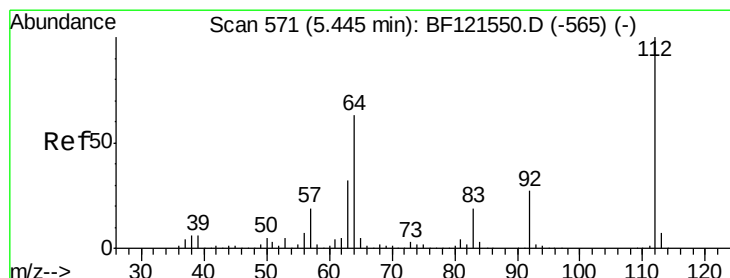
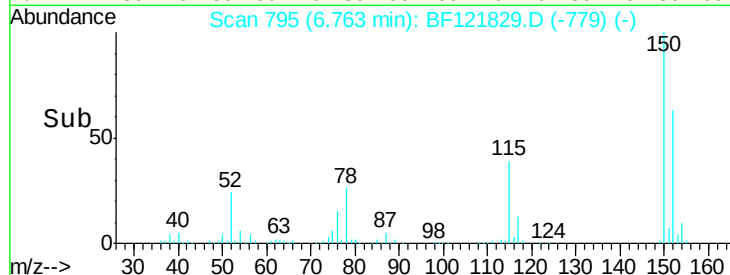
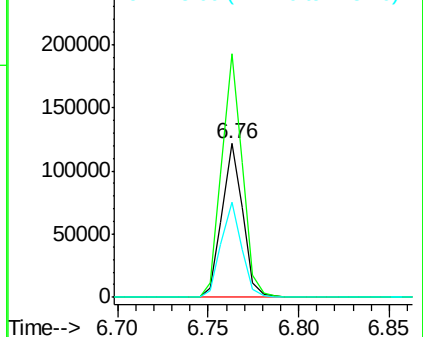
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

Instrument :
BNA_F
ClientSampleId :
B-20(12-14)

Tot Ion:152 Resp: 96901
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 61.9 51.9 77.9



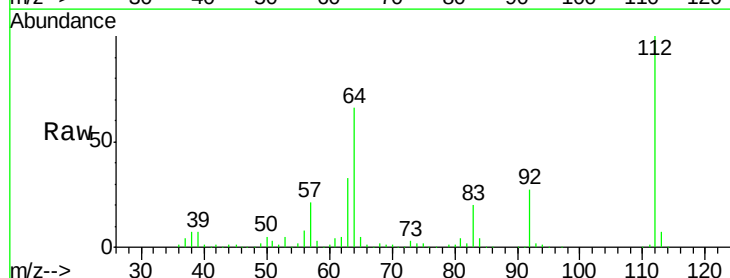
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



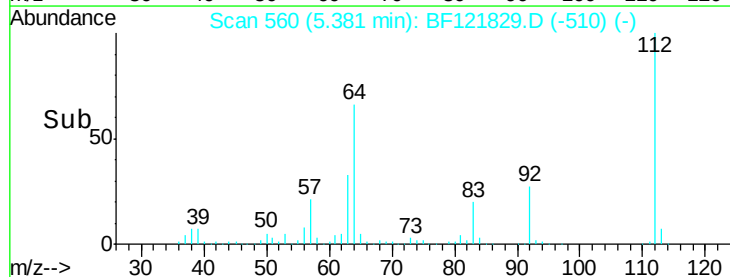
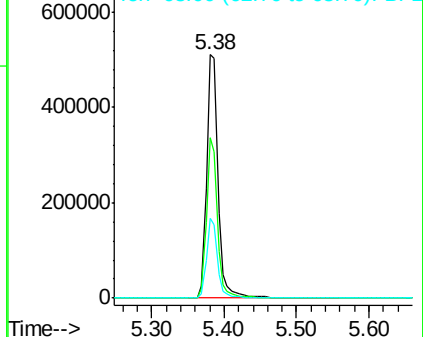
#5

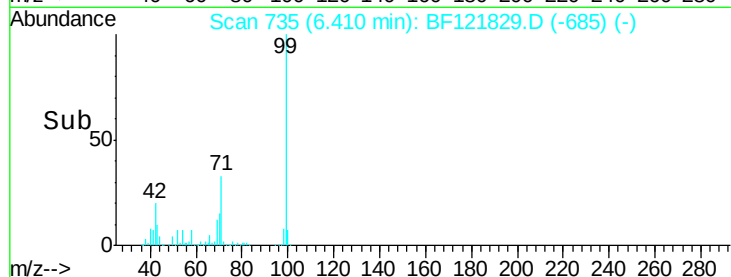
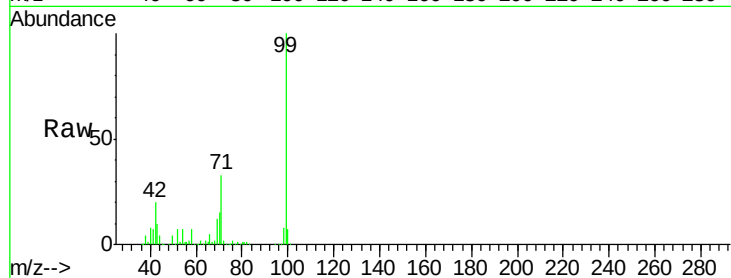
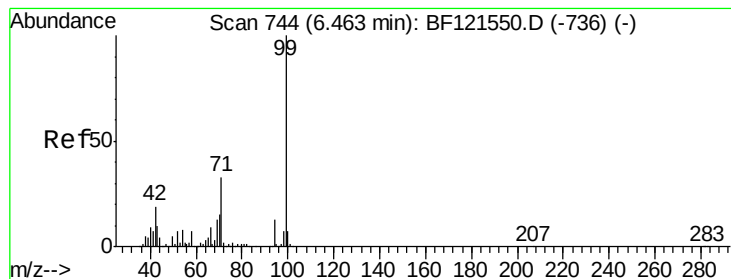
2-Fluorophenol
Concen: 86.152 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

Tgt Ion:112 Resp: 561745
Ion Ratio Lower Upper
112 100
64 65.8 50.4 75.6
63 32.9 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: 90.592 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Instrument :

BNA_F

ClientSampleId :

B-20(12-14)

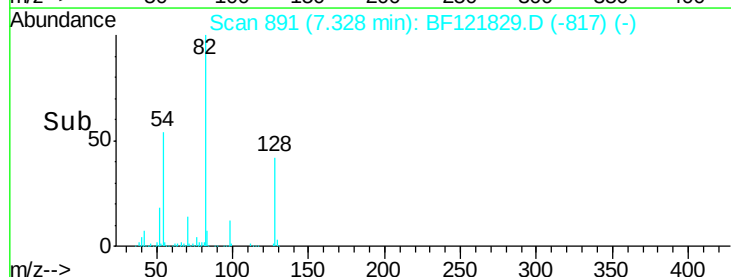
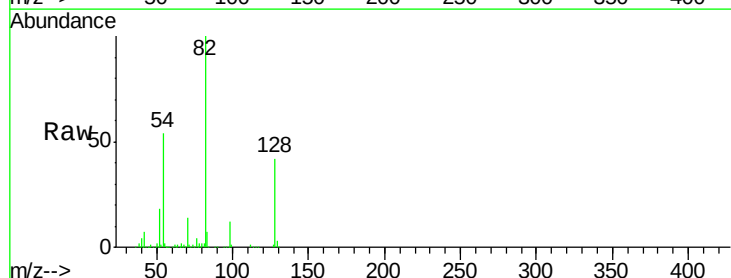
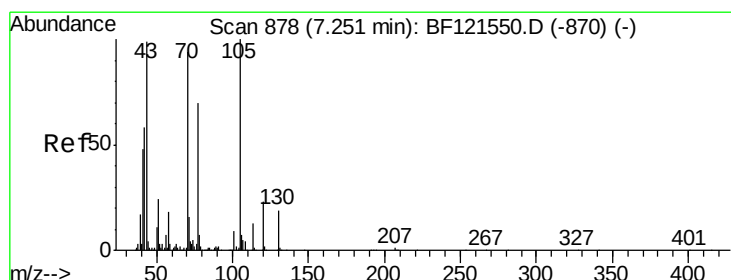
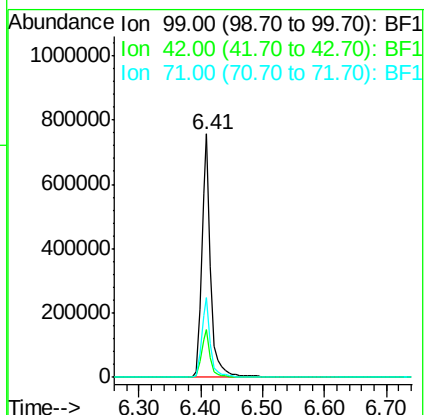
Tot Ion: 99 Resp: 774954

Ion Ratio Lower Upper

99 100

42 19.7 15.9 23.9

71 33.0 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.978 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Tgt Ion: 70 Resp: 68914

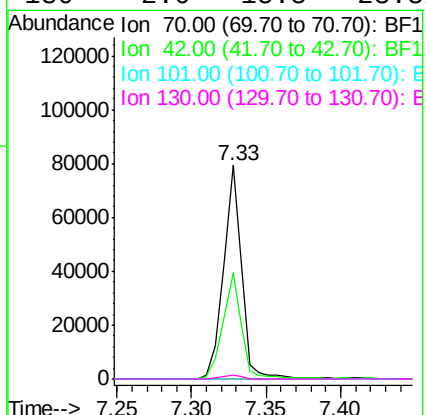
Ion Ratio Lower Upper

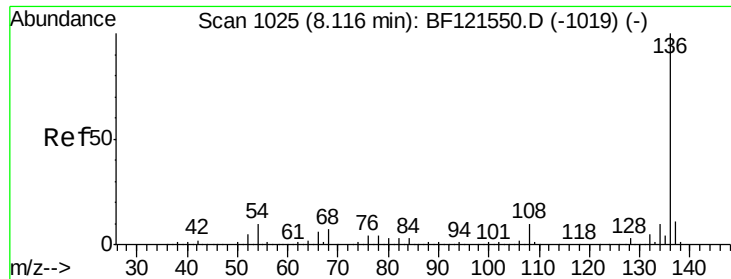
70 100

42 49.7 50.2 75.4#

101 0.0 7.5 11.3#

130 2.0 15.5 23.3#

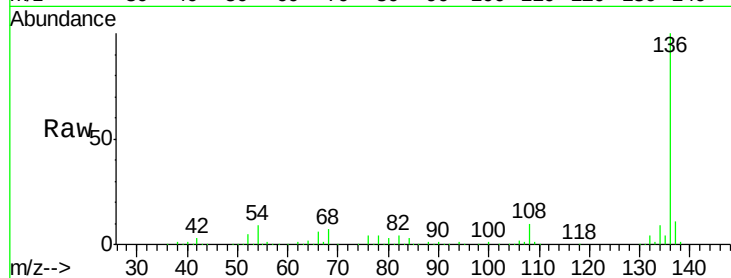




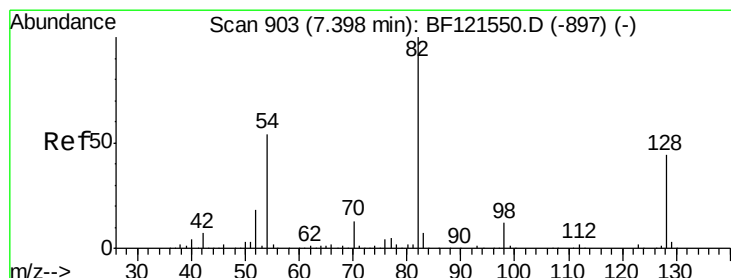
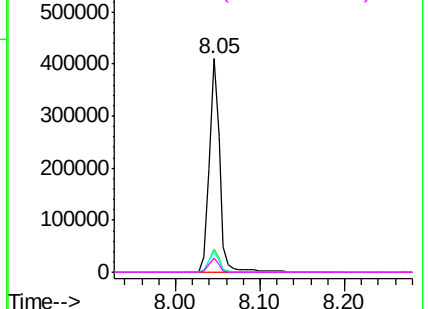
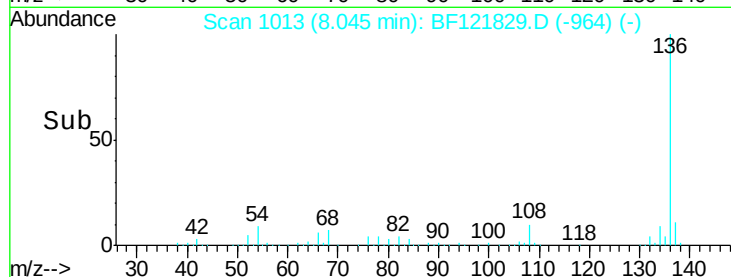
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

Instrument :
BNA_F
ClientSampleId :
B-20(12-14)

Tot Ion:	136	Resp:	358498
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	7.1	10.7
68	6.6	5.0	7.4

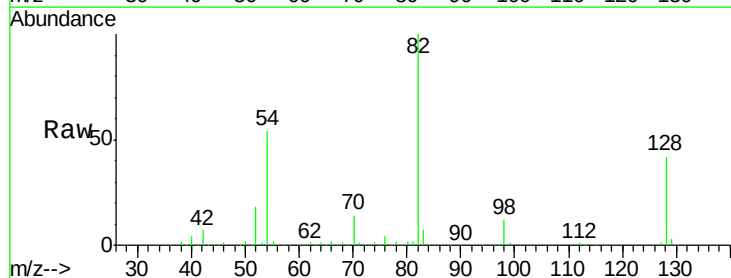


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

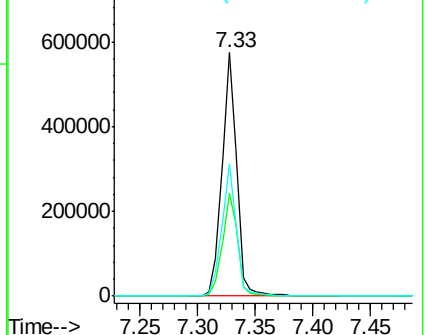
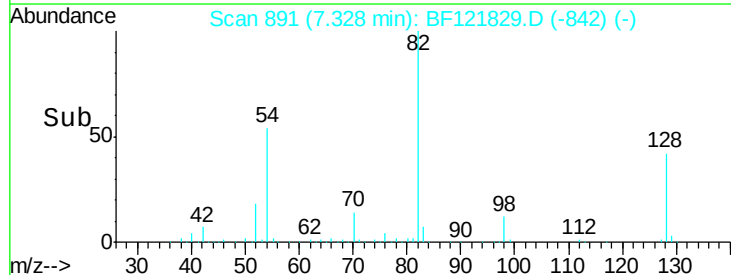


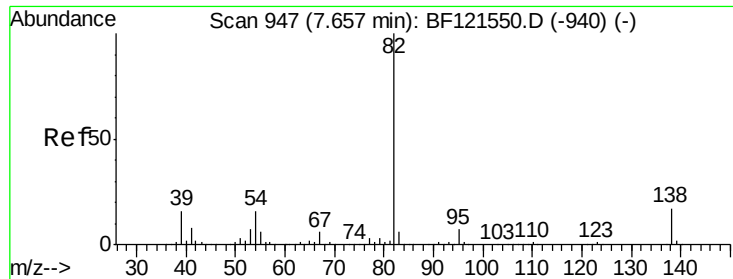
#23
Nitrobenzene-d5
Concen: 76.917 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

Tgt Ion:	82	Resp:	513572
Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.4
54	54.3	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

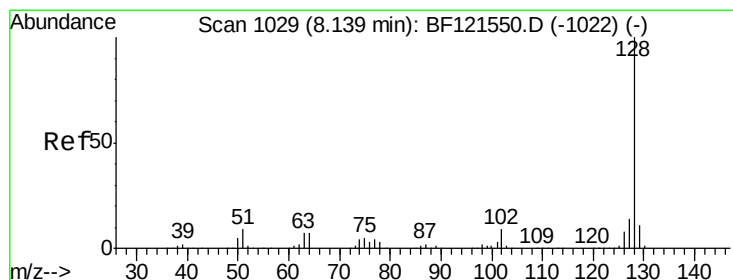
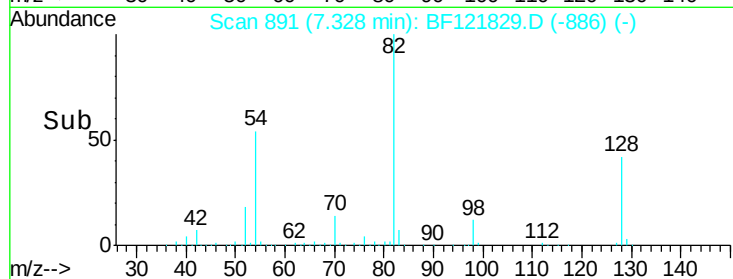
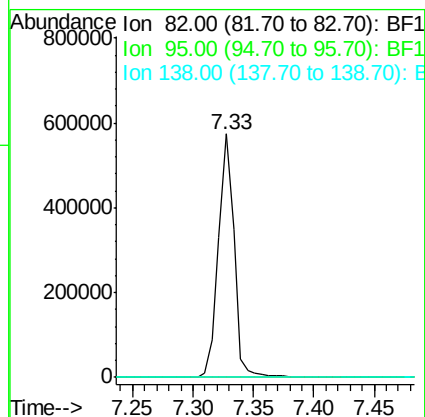
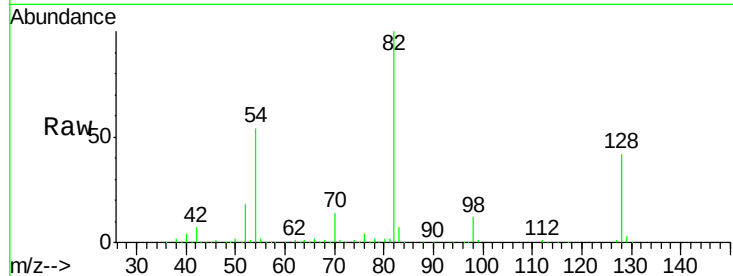




#25
Isophorone
Concen: 38.210 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

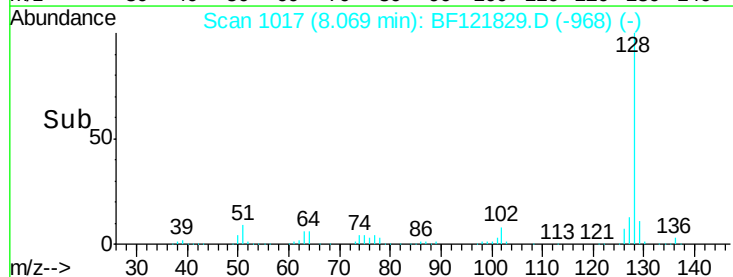
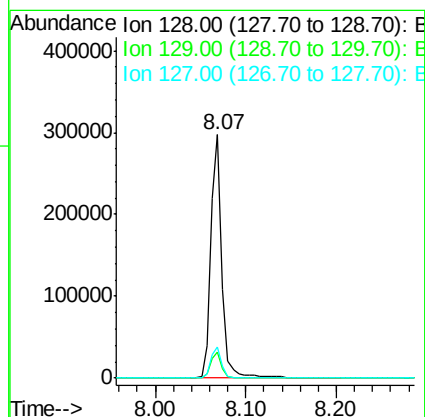
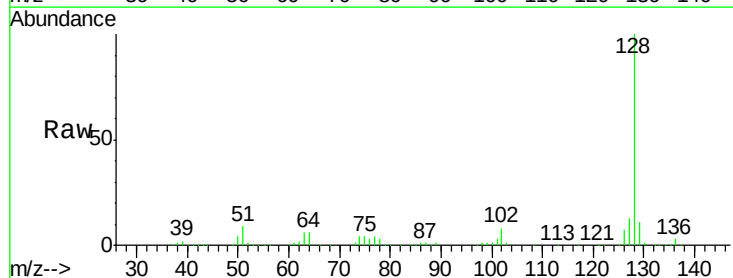
Instrument :
BNA_F
ClientSampleId :
B-20(12-14)

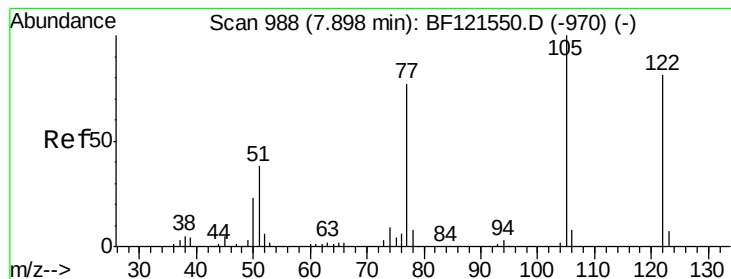
Tot Ion: 82 Resp: 513569
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#31
Naphthalene
Concen: 13.647 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

Tgt Ion: 128 Resp: 258264
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.8 16.2





#32

Benzoic acid

Concen: 7.142 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Instrument :

BNA_F

ClientSampleId :

B-20(12-14)

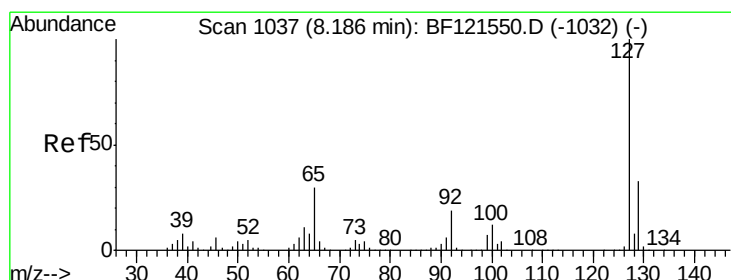
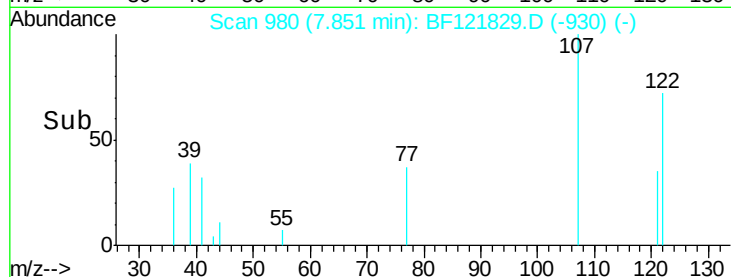
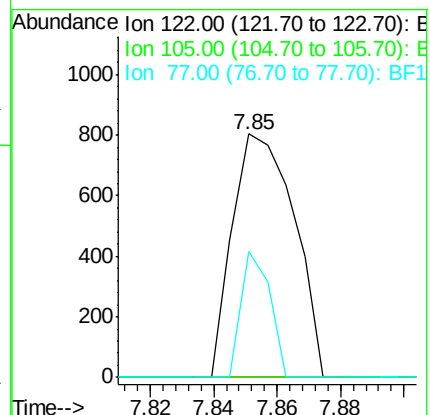
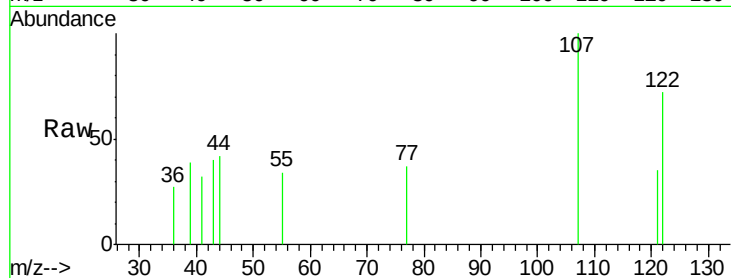
Tot Ion:122 Resp: 1081

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

77 51.6 73.9 113.9#



#33

4-Chloroaniline

Concen: 4.007 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.06 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Tgt Ion:127 Resp: 32874

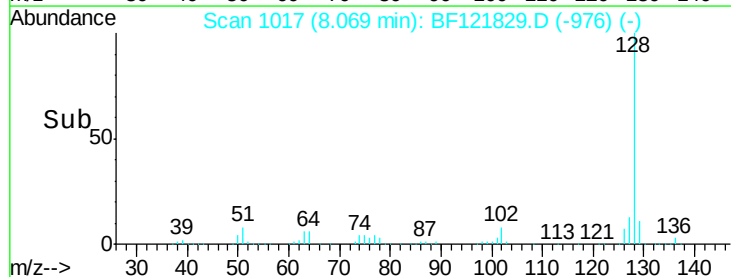
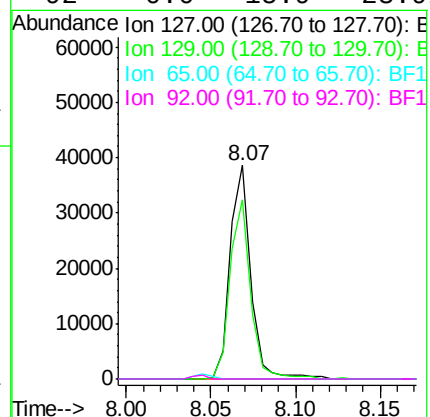
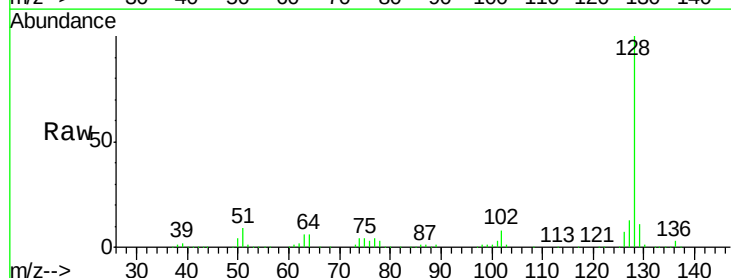
Ion Ratio Lower Upper

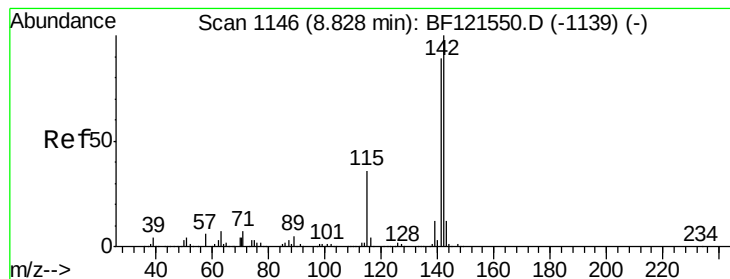
127 100

129 84.1 26.3 39.5#

65 0.0 26.2 39.2#

92 0.0 15.9 23.9#





#37

2-Methylnaphthalene

Concen: 3.412 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Instrument :

BNA_F

ClientSampleId :

B-20(12-14)

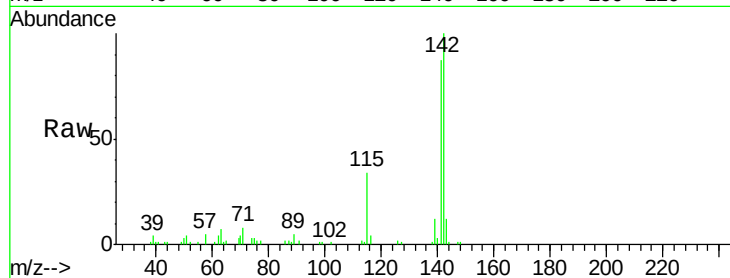
Tot Ion:142 Resp: 42318

Ion Ratio Lower Upper

142 100

141 87.4 70.2 105.4

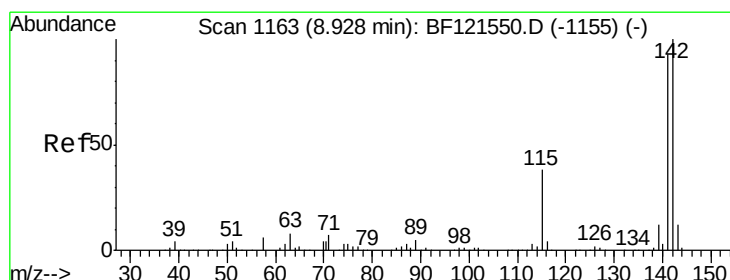
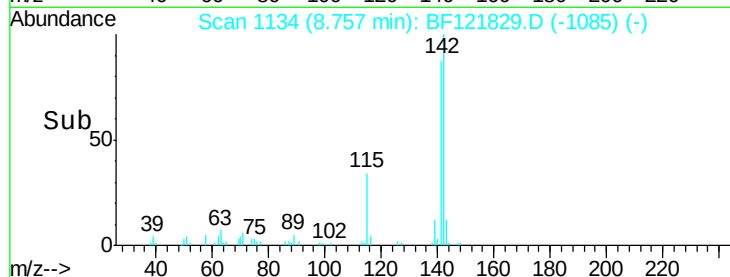
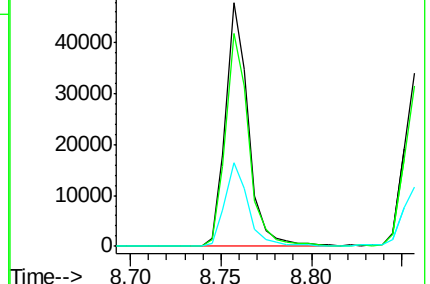
115 34.2 28.6 43.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.470 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

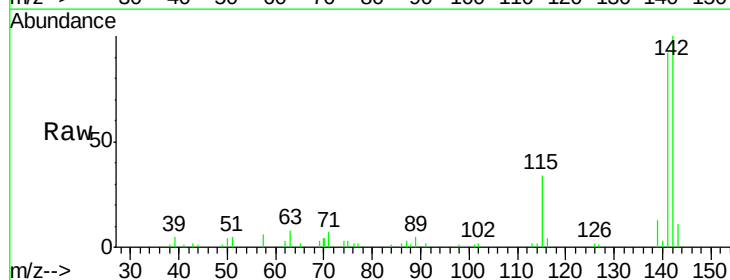
Tgt Ion:142 Resp: 28511

Ion Ratio Lower Upper

142 100

141 92.2 74.5 111.7

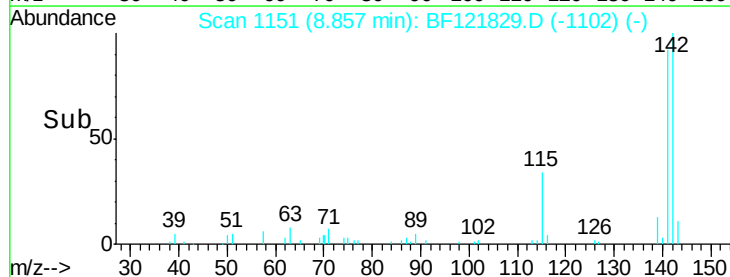
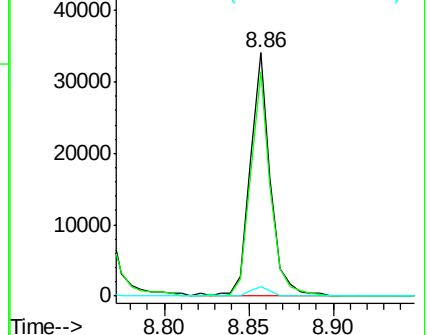
116 3.8 3.2 4.8

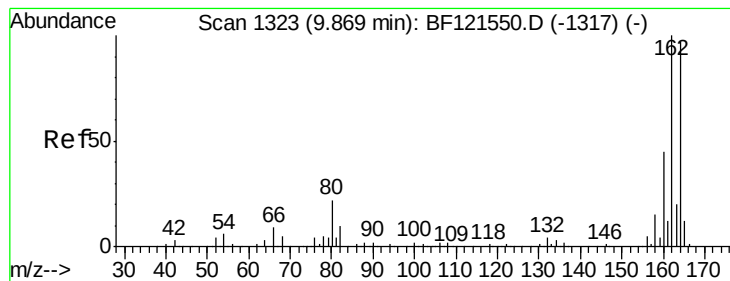


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Instrument :

BNA_F

ClientSampleId :

B-20(12-14)

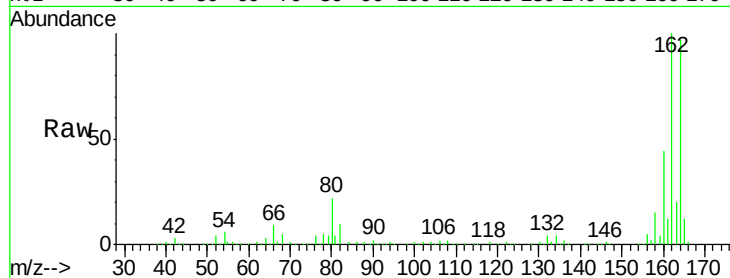
Tot Ion:164 Resp: 166429

Ion Ratio Lower Upper

164 100

162 103.4 83.2 124.8

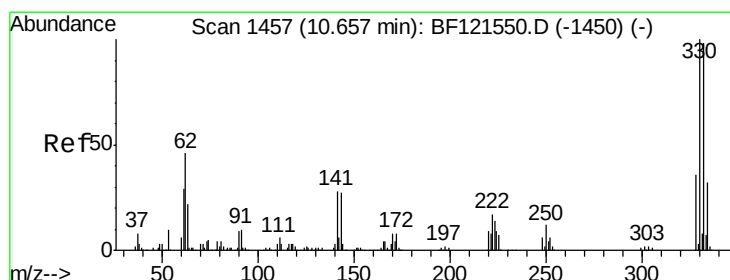
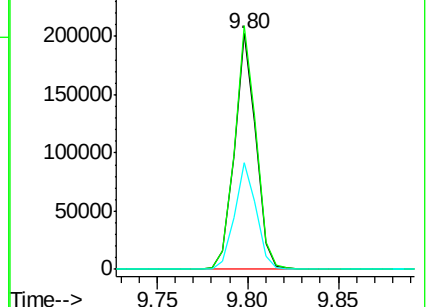
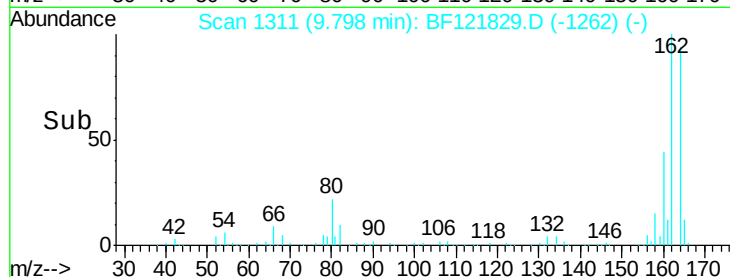
160 45.3 37.5 56.3



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: 53.470 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

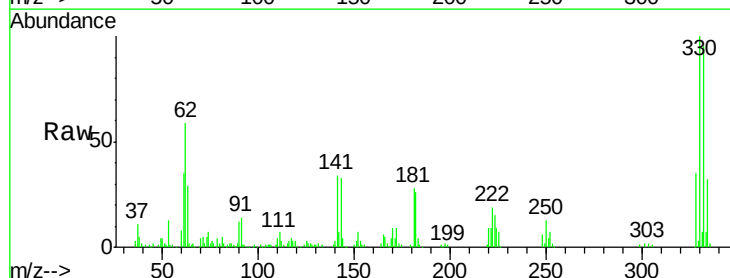
Tgt Ion:330 Resp: 110602

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

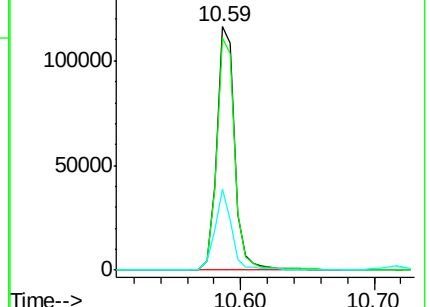
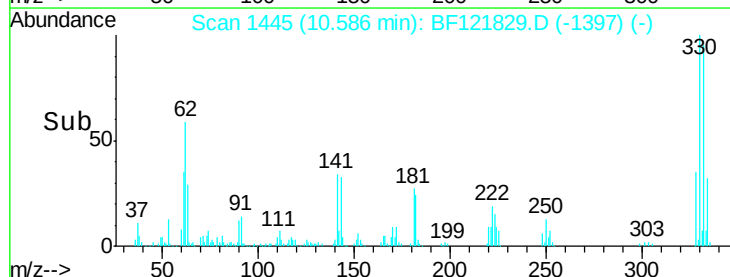
141 31.6 22.3 33.5

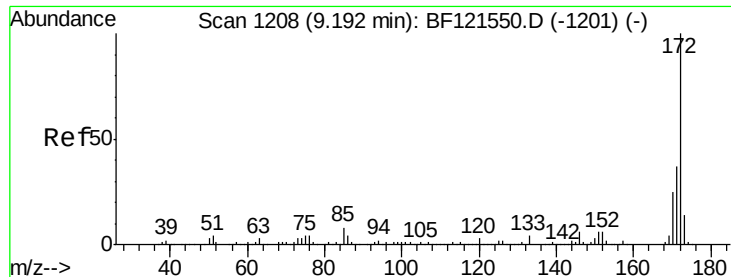


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

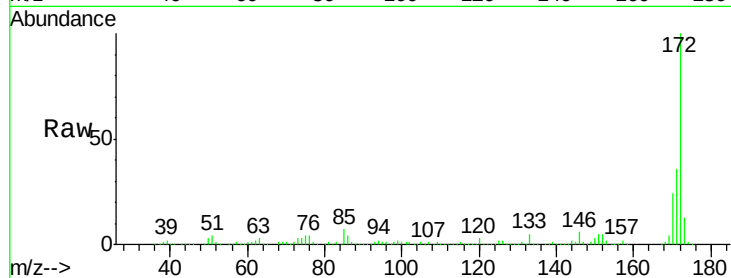




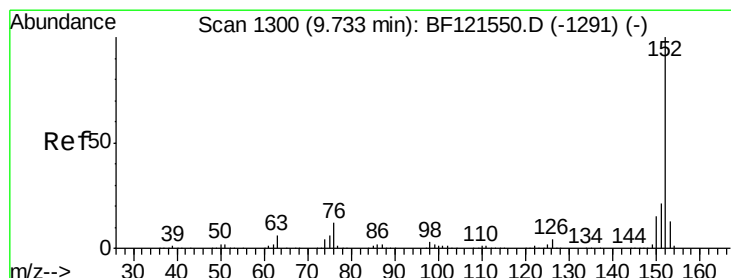
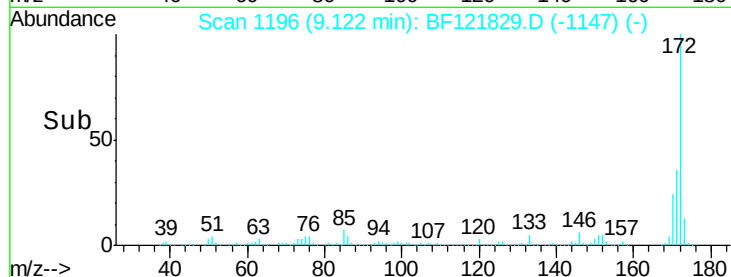
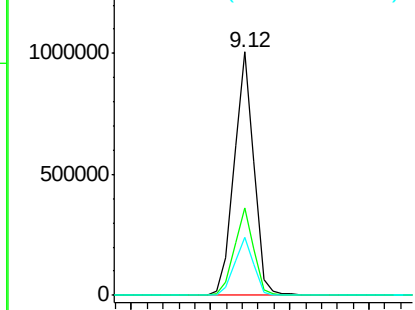
#45
2-Fluorobiphenyl
Concen: 79.071 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

Instrument :
BNA_F
ClientSampleId :
B-20(12-14)

Tot Ion:172 Resp: 868899
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 23.8 19.8 29.6

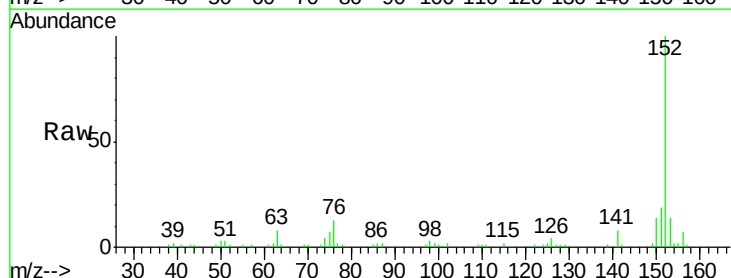


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

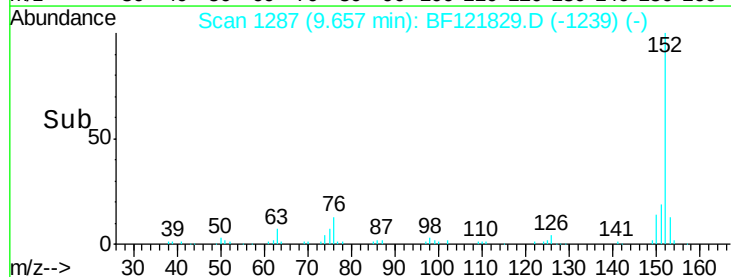
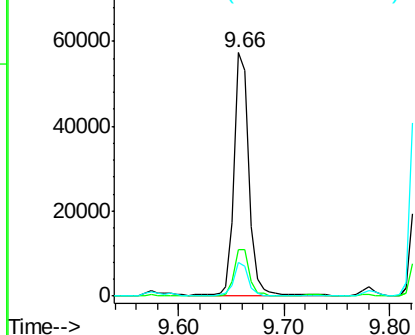


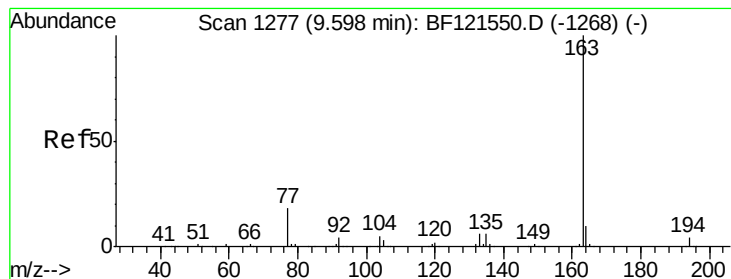
#49
Acenaphthylene
Concen: 3.483 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

Tgt Ion:152 Resp: 56185
Ion Ratio Lower Upper
152 100
151 19.2 16.4 24.6
153 14.0 10.6 15.8



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: 7.765 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Instrument :

BNA_F

ClientSampleId :

B-20(12-14)

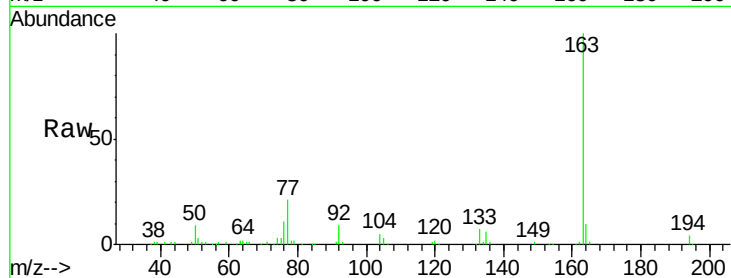
Tot Ion:163 Resp: 93662

Ion Ratio Lower Upper

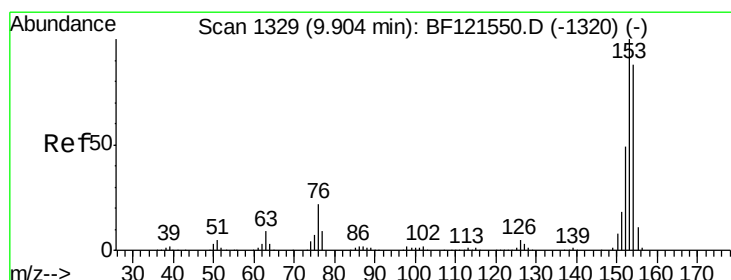
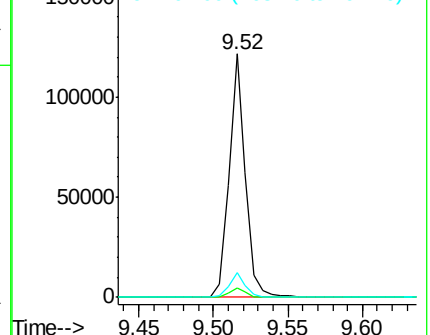
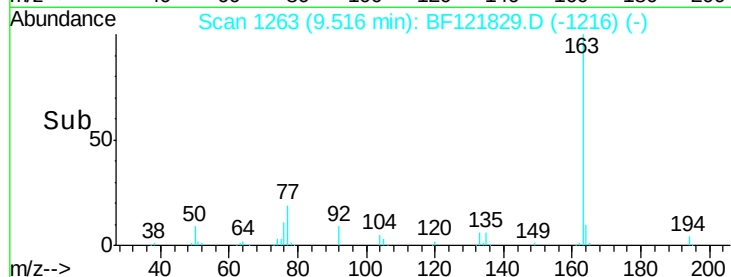
163 100

194 3.9 3.3 4.9

164 10.3 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: 15.554 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

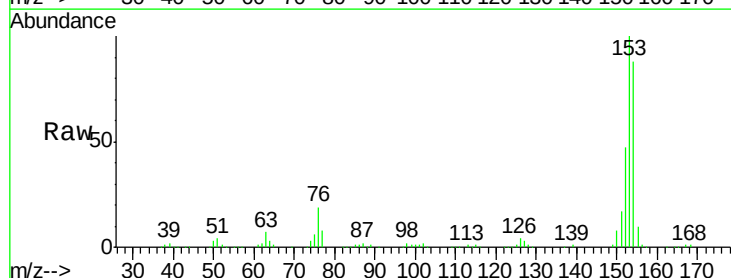
Tgt Ion:154 Resp: 158479

Ion Ratio Lower Upper

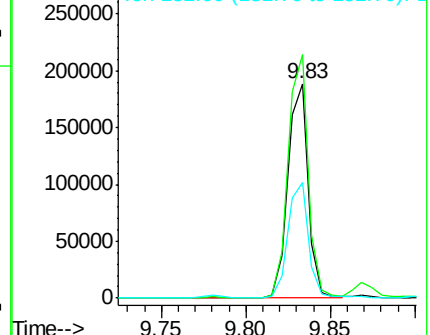
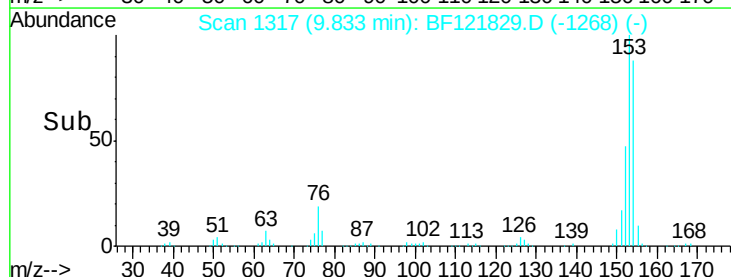
154 100

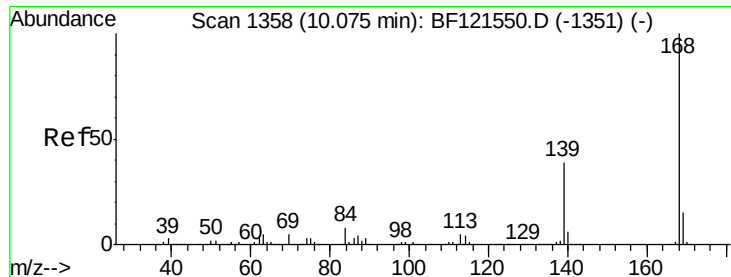
153 113.4 89.8 134.8

152 53.9 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

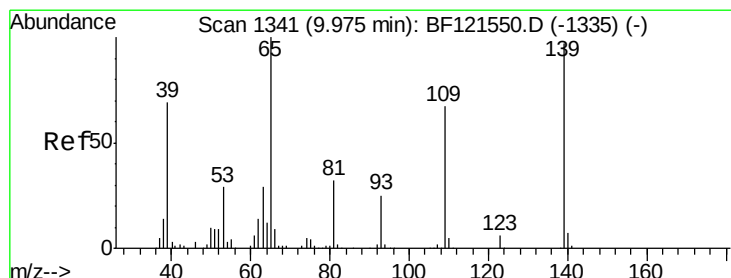
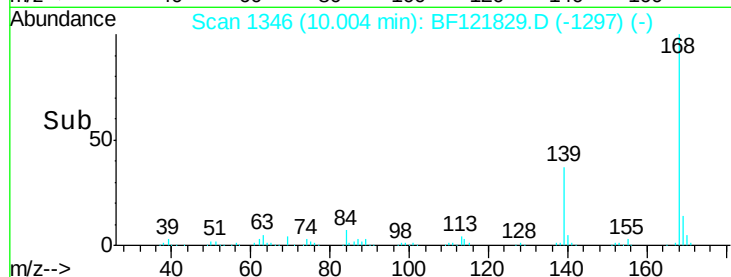
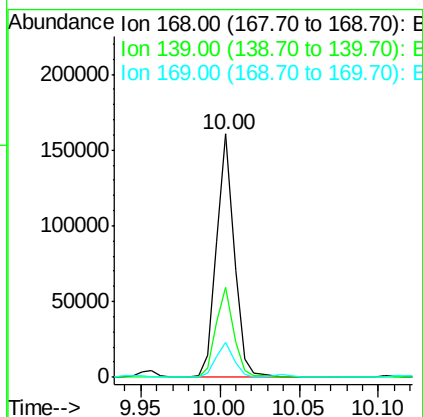
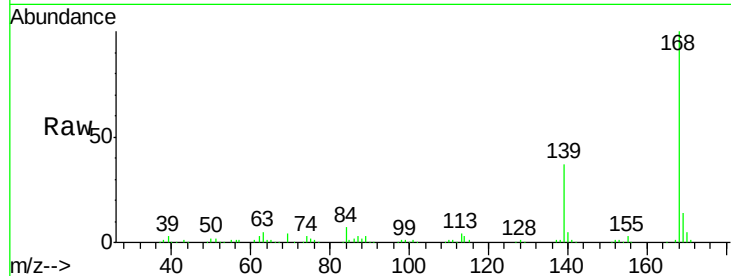




#55
Dibenzenofuran
Concen: 8.784 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

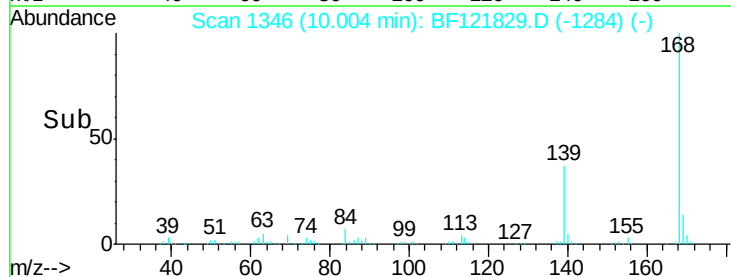
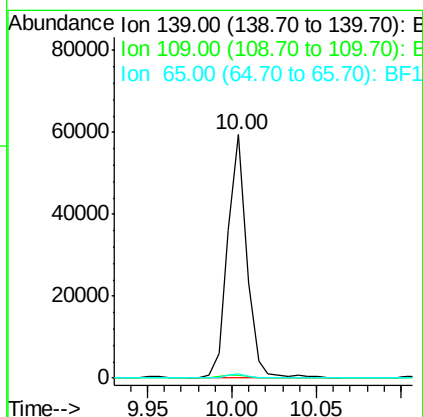
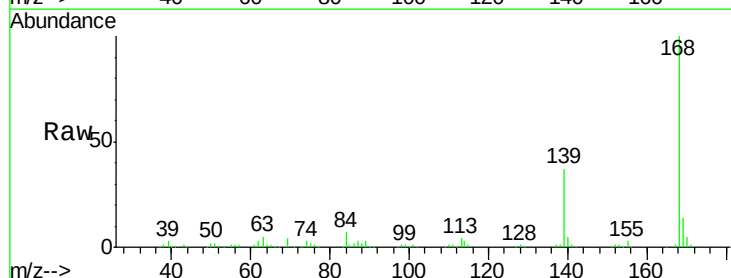
Instrument :
BNA_F
ClientSampleId :
B-20(12-14)

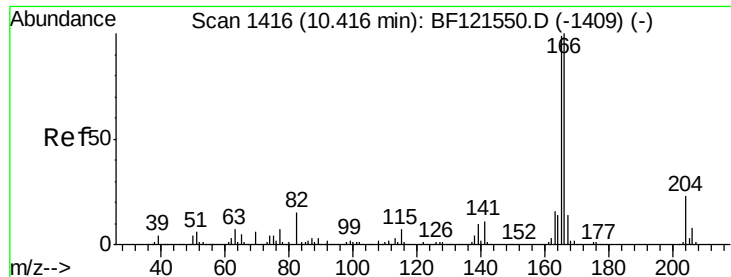
Tot Ion:168 Resp: 126044
Ion Ratio Lower Upper
168 100
139 37.0 31.0 46.6
169 14.5 11.3 16.9



#56
4-Nitrophenol
Concen: 19.894 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.06 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

Tgt Ion:139 Resp: 47214
Ion Ratio Lower Upper
139 100
109 1.0 45.4 85.4#
65 1.8 68.4 108.4#

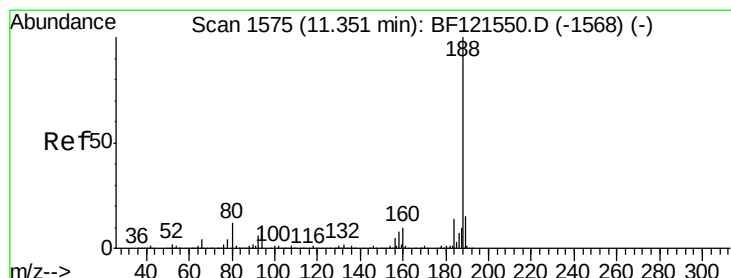
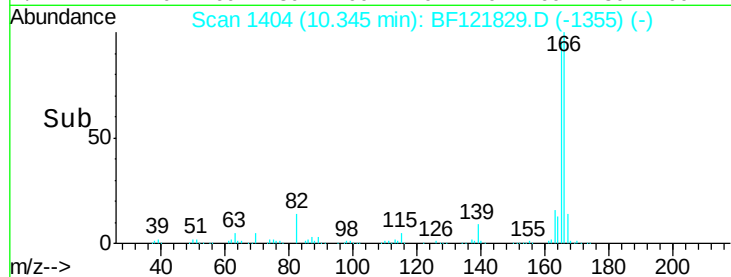
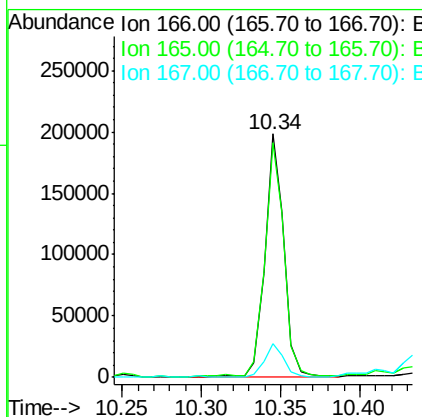
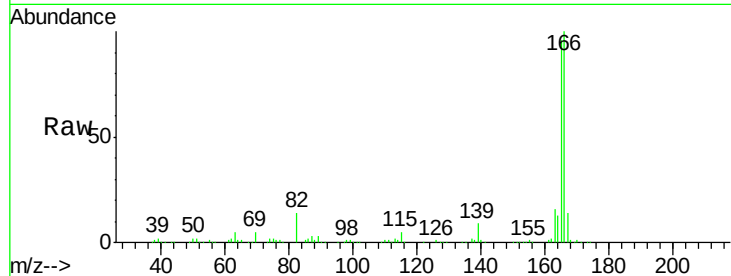




#58
 Fluorene
 Concen: 15.194 ng
 RT: 10.34 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF121829.D
 Acq: 5 Oct 2020 21:22

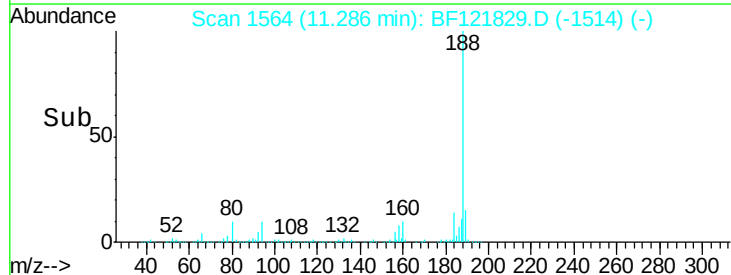
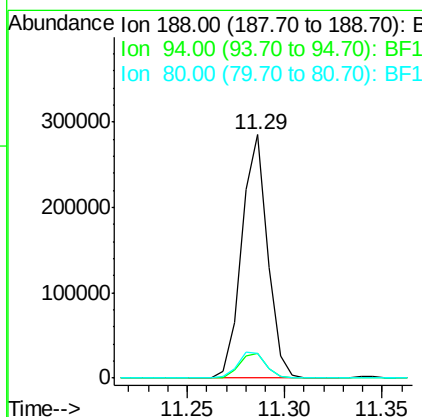
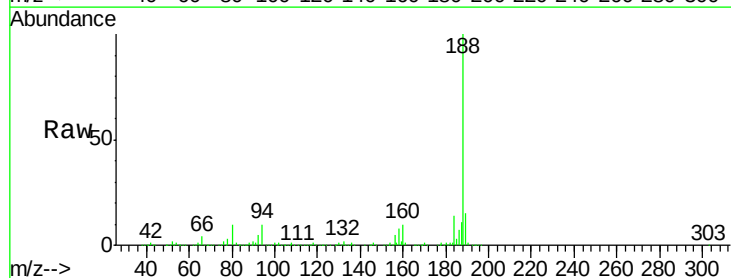
Instrument :
 BNA_F
 ClientSampleId :
 B-20(12-14)

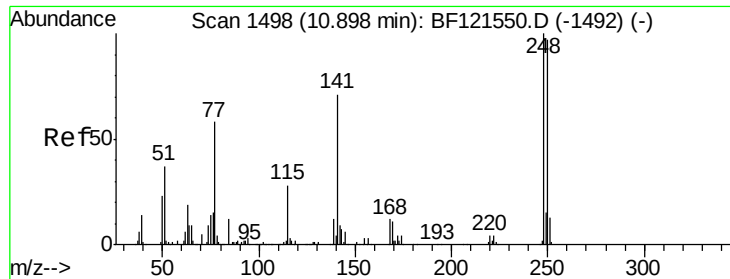
Tot Ion:166 Resp: 166721
 Ion Ratio Lower Upper
 166 100
 165 96.3 79.1 118.7
 167 13.9 11.0 16.6



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF121829.D
 Acq: 5 Oct 2020 21:22

Tgt Ion:188 Resp: 261282
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.3 12.5
 80 10.1 9.1 13.7

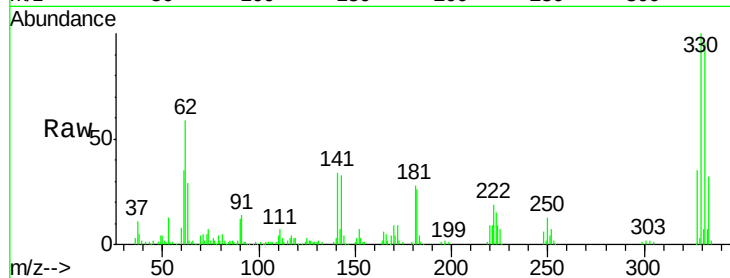




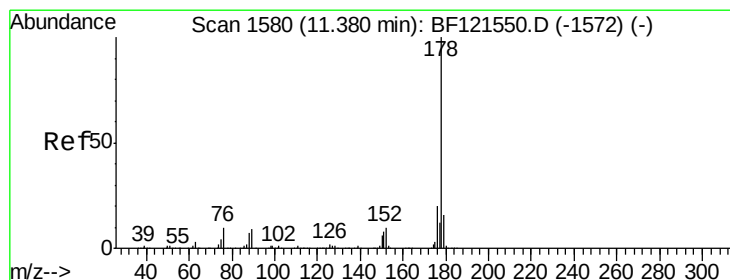
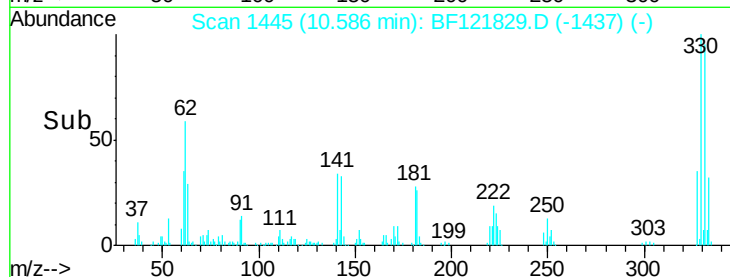
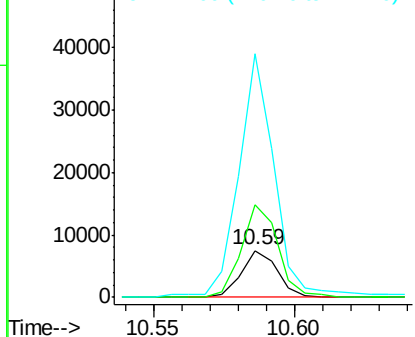
#67
 4-Bromophenyl-phenylether
 Concen: 2.236 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF121829.D
 Acq: 5 Oct 2020 21:22

Instrument :
 BNA_F
 ClientSampled :
 B-20(12-14)

Tot Ion:248 Resp: 6653
 Ion Ratio Lower Upper
 248 100
 250 196.0 77.0 115.6#
 141 518.4 53.7 80.5#

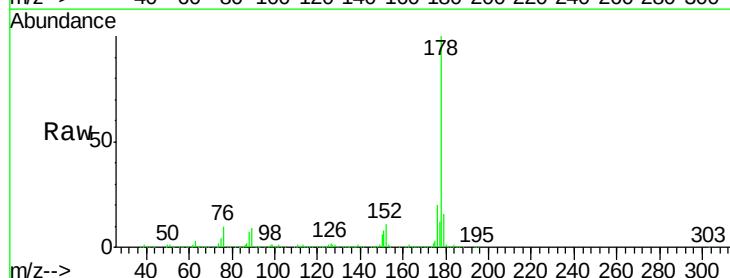


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

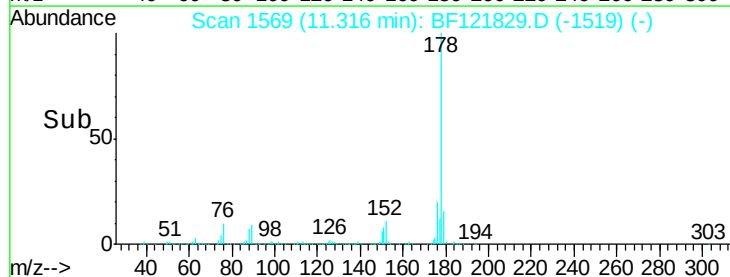
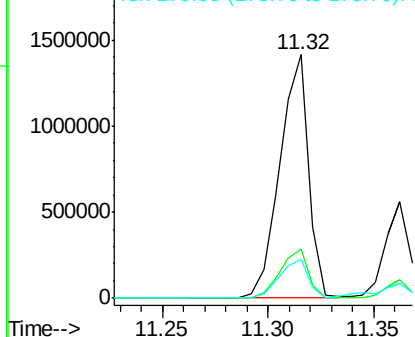


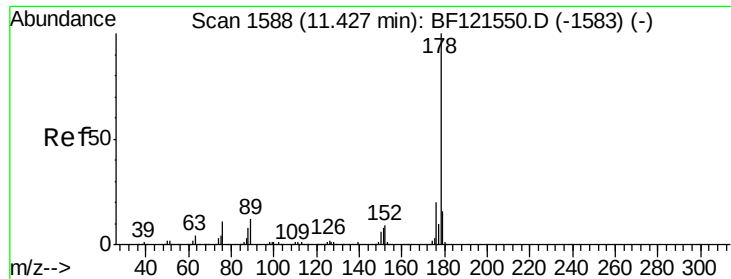
#71
 Phenanthrene
 Concen: 93.755 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF121829.D
 Acq: 5 Oct 2020 21:22

Tgt Ion:178 Resp: 1334665
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.9 23.9
 179 15.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 30.155 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Instrument :

BNA_F

ClientSampleId :

B-20(12-14)

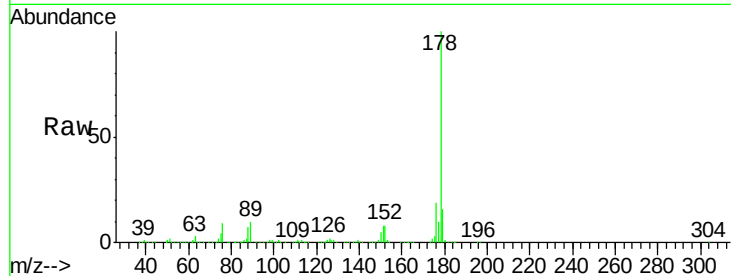
Tot Ion:178 Resp: 443000

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

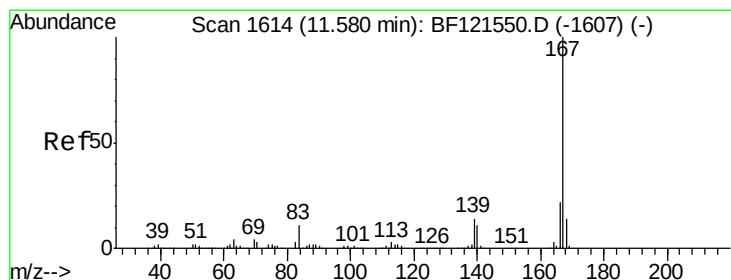
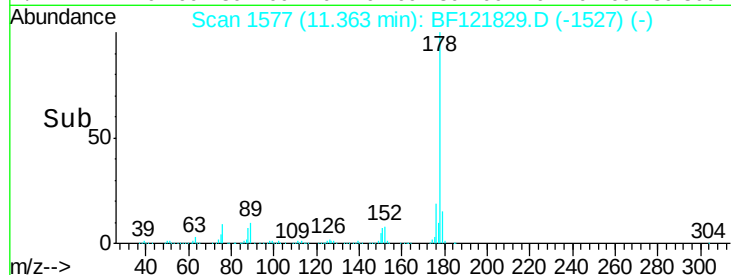
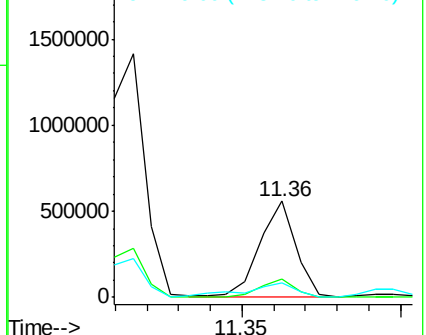
179 15.6 12.7 19.1



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: 15.405 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

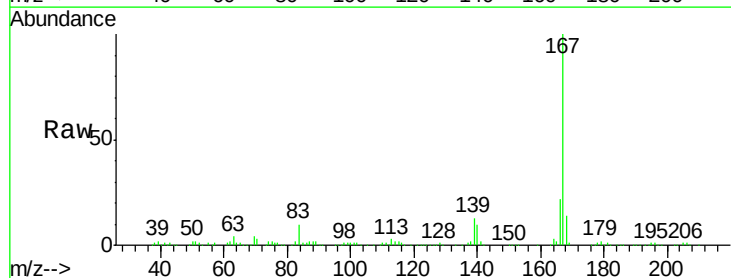
Tgt Ion:167 Resp: 204222

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

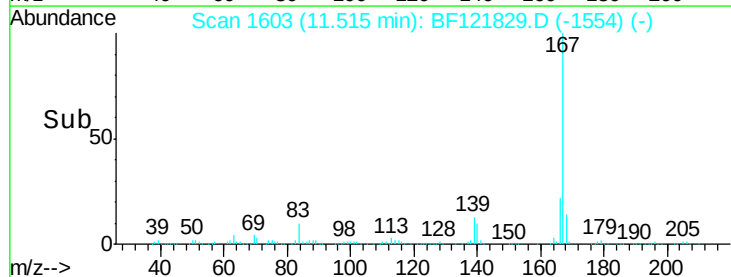
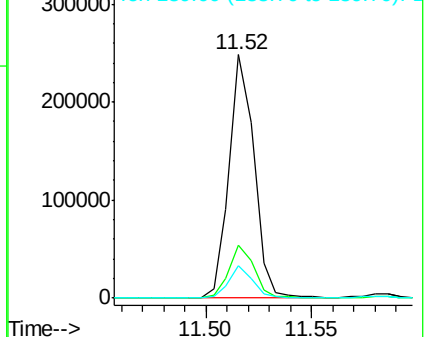
139 13.4 10.8 16.2

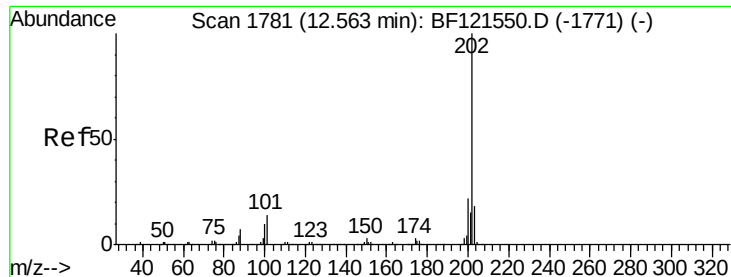


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 111.017 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.00 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Instrument :

BNA_F

ClientSampleId :

B-20(12-14)

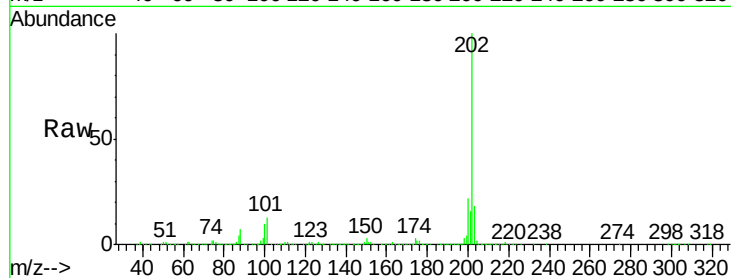
Tot Ion:202 Resp: 1687071

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.4

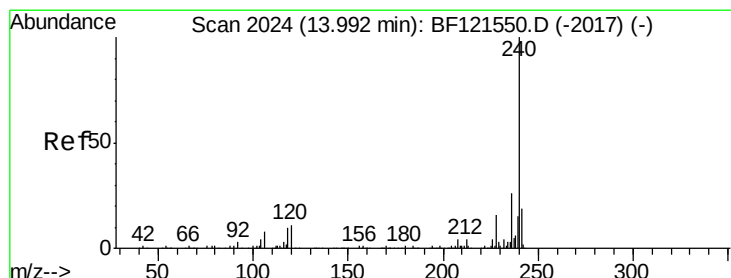
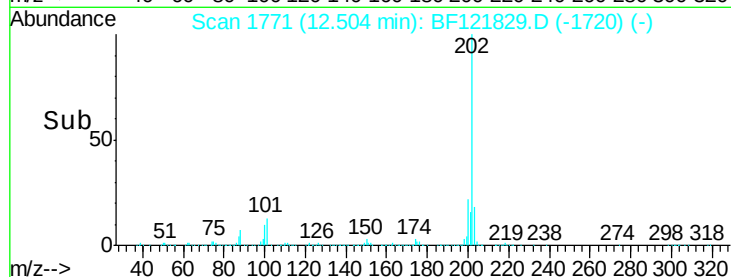
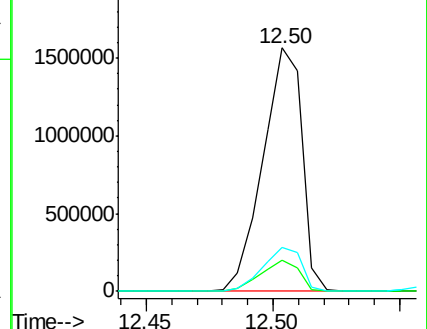
203 18.1 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

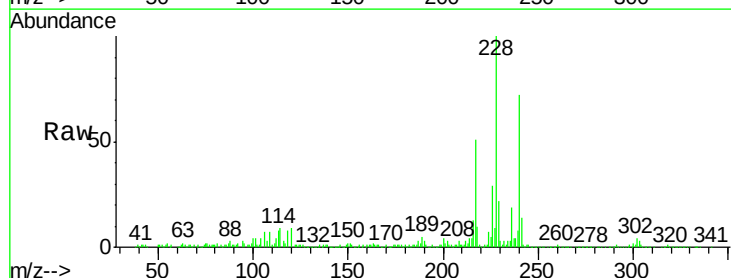
Tgt Ion:240 Resp: 215796

Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

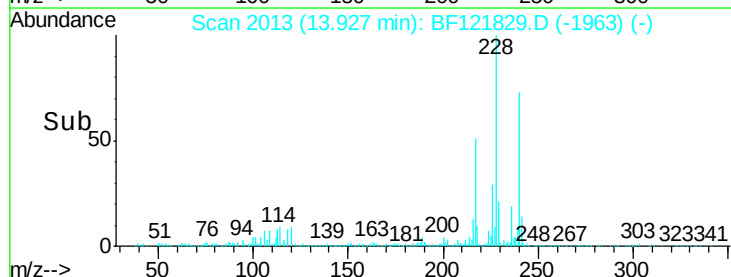
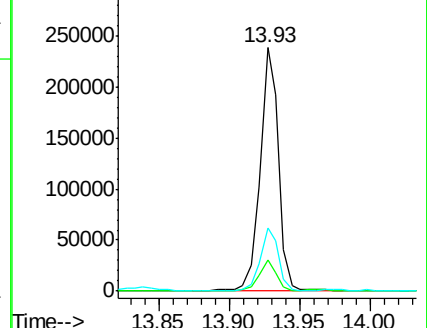
236 25.8 20.9 31.3

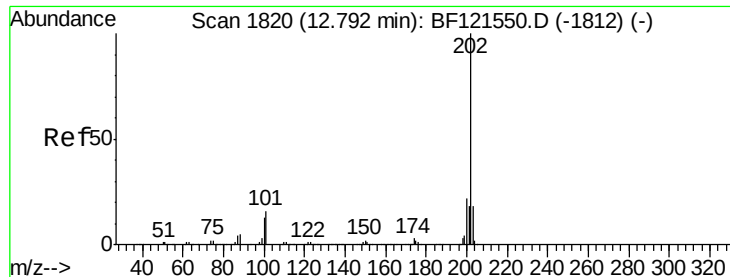


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 89.754 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Instrument :

BNA_F

ClientSampleId :

B-20(12-14)

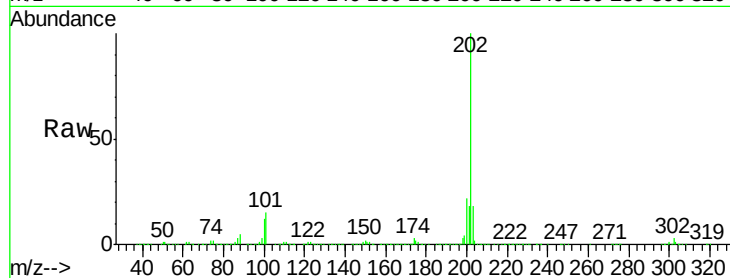
Tot Ion:202 Resp: 1415121

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

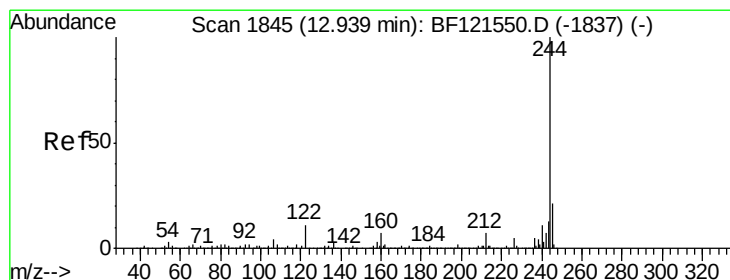
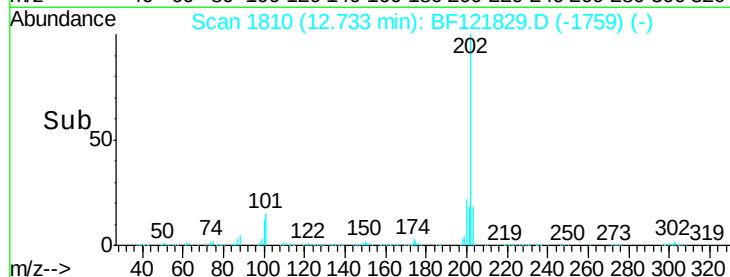
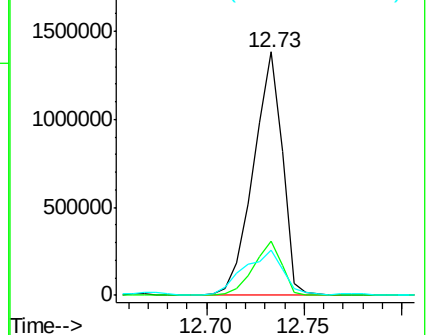
203 18.4 14.6 21.8



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: 63.438 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

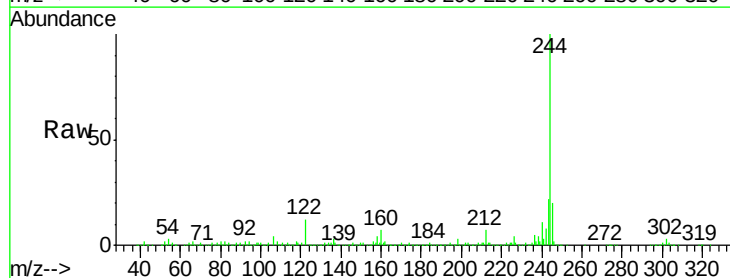
Tgt Ion:244 Resp: 675736

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

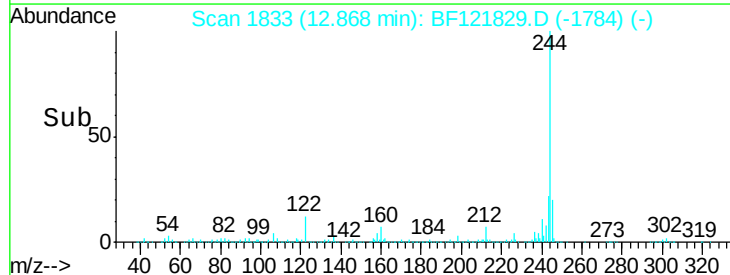
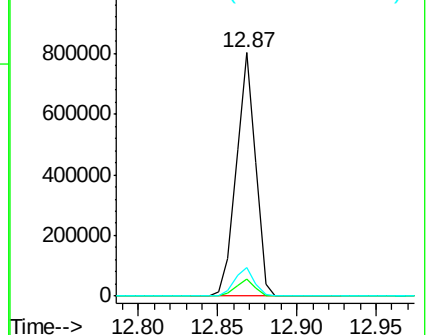
122 11.7 8.1 12.1

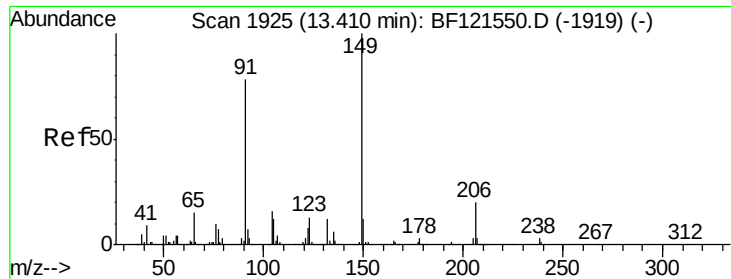


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

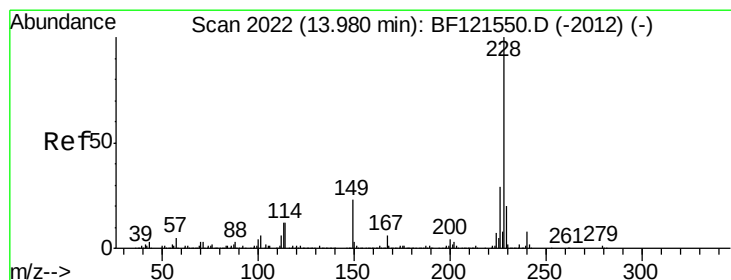
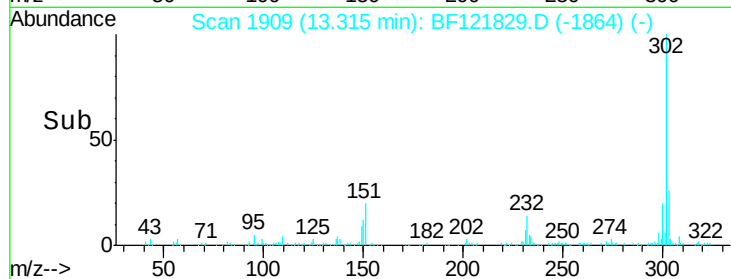
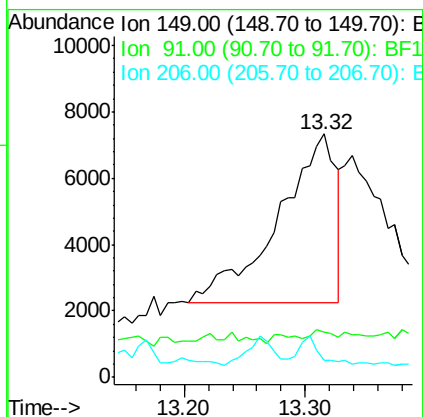
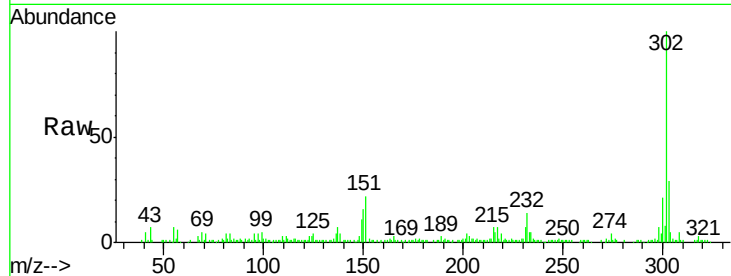




#80
Butylbenzylphthalate
Concen: 2.639 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.04 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

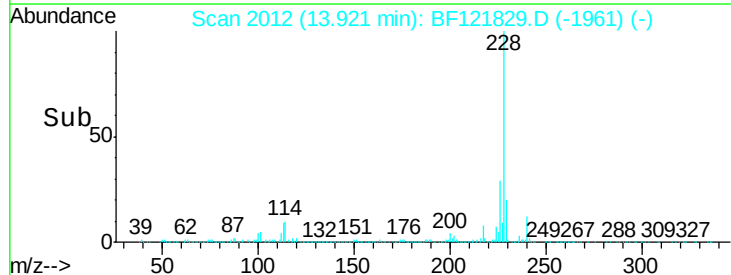
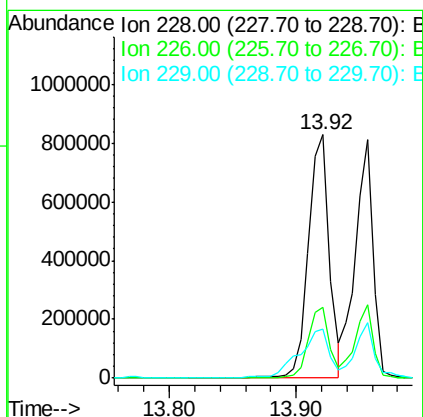
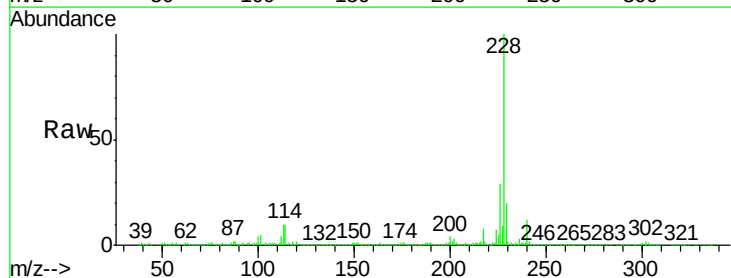
Instrument :
BNA_F
ClientSampleId :
B-20(12-14)

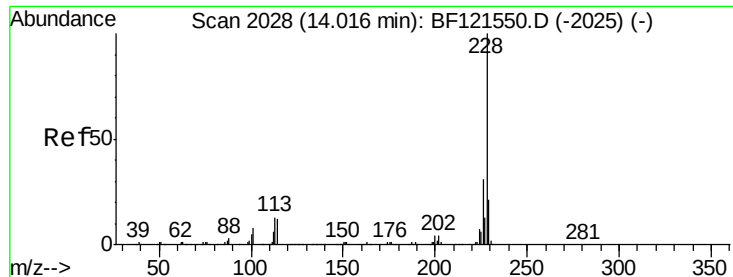
Tot Ion:149 Resp: 16829
Ion Ratio Lower Upper
149 100
91 18.3 61.0 91.4#
206 7.1 16.7 25.1#



#81
Benzo(a)anthracene
Concen: 68.313 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

Tgt Ion:228 Resp: 932625
Ion Ratio Lower Upper
228 100
226 29.3 22.3 33.5
229 20.3 16.2 24.4

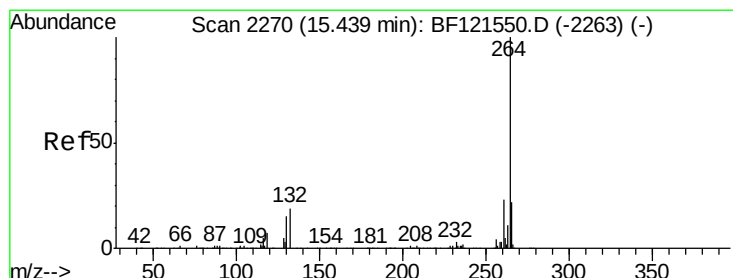
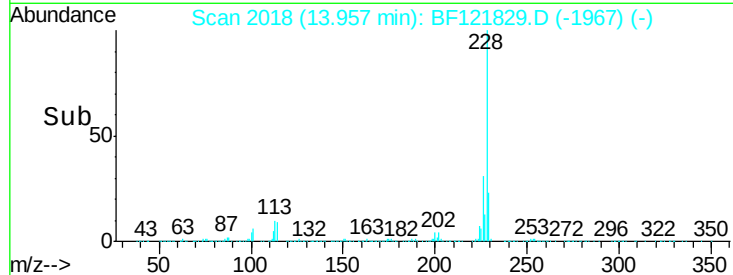
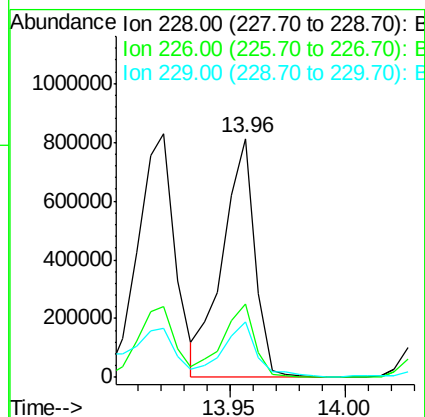
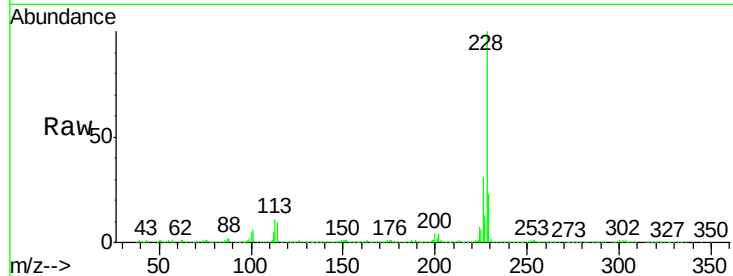




#83
Chrysene
Concen: 56.663 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

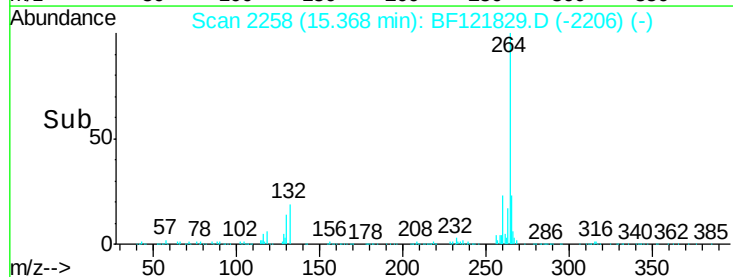
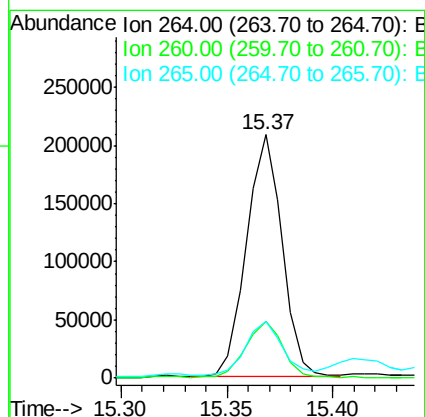
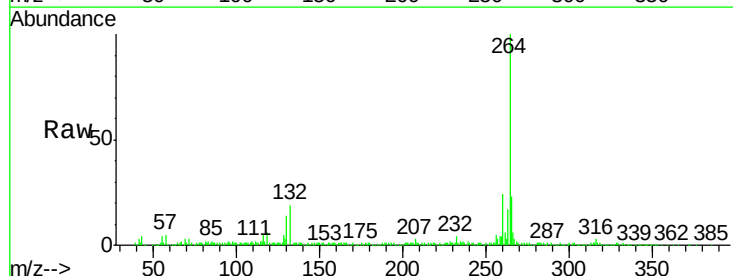
Instrument :
BNA_F
ClientSampleId :
B-20(12-14)

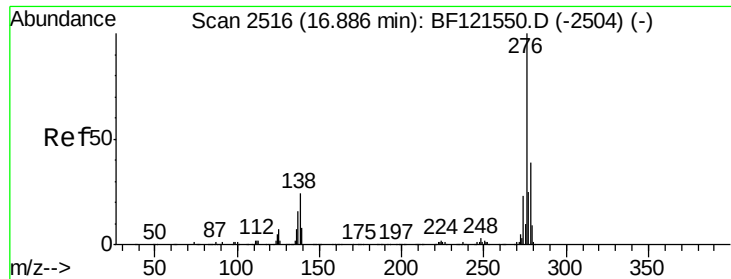
Tot Ion:228 Resp: 783356
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 23.1 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121829.D
Acq: 5 Oct 2020 21:22

Tgt Ion:264 Resp: 244047
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 23.4 17.3 25.9

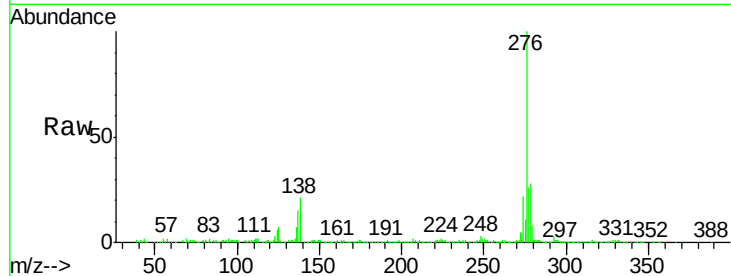




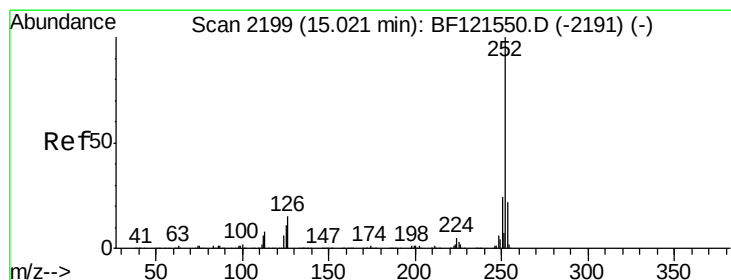
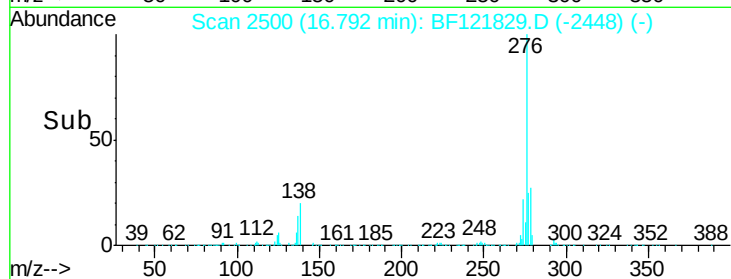
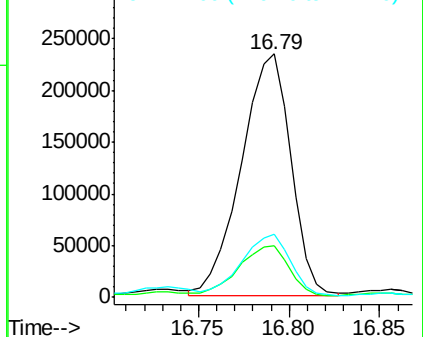
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 28.025 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BF121829.D
 Acq: 5 Oct 2020 21:22

Instrument :
 BNA_F
 ClientSampleId :
 B-20(12-14)

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.9	29.9
277	24.6	20.4	30.6

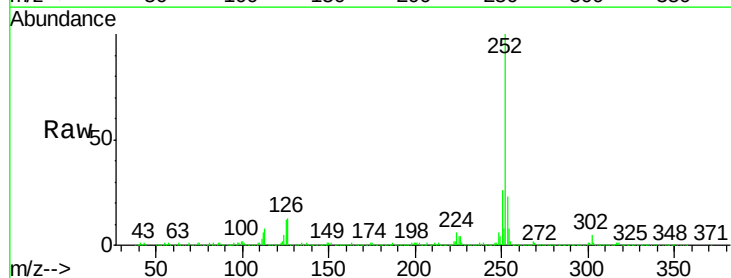


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

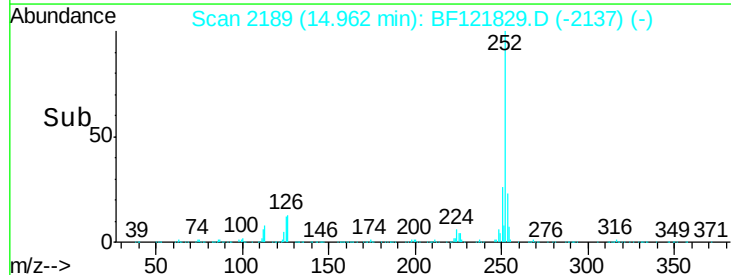
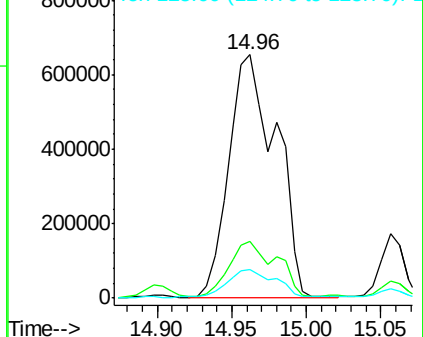


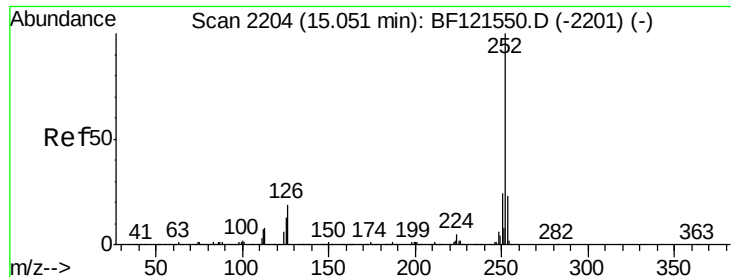
#88
 Benzo(b)fluoranthene
 Concen: 88.142 ng
 RT: 14.96 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: BF121829.D
 Acq: 5 Oct 2020 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	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: 96.252 ng

RT: 14.96 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Instrument :

BNA_F

ClientSampleId :

B-20(12-14)

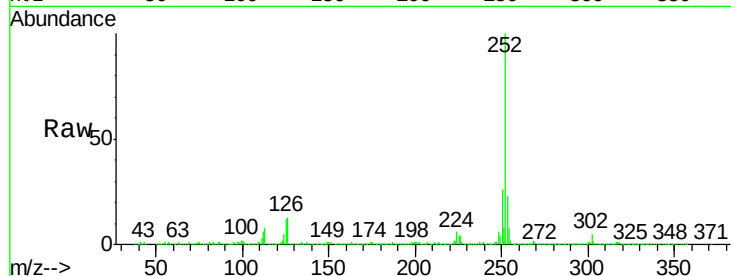
Tot Ion:252 Resp: 1438019

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

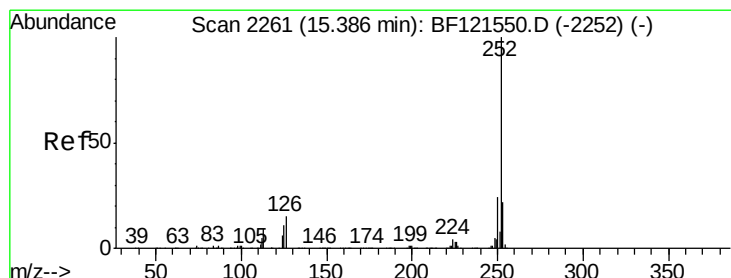
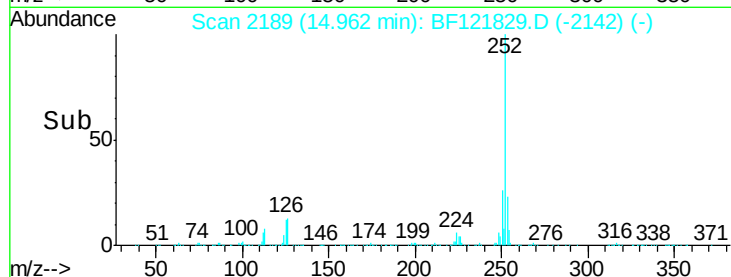
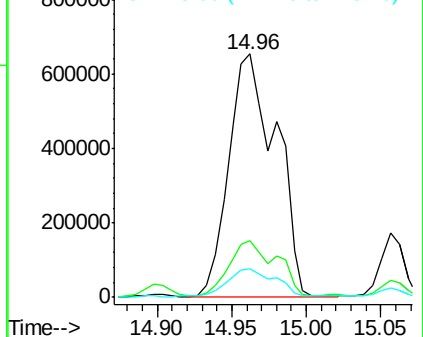
125 12.0 7.7 11.5#



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: 55.799 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

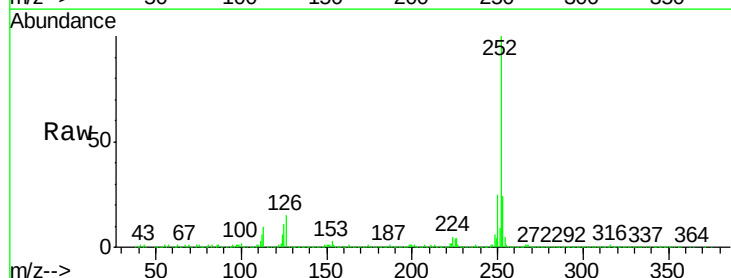
Tgt Ion:252 Resp: 773835

Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

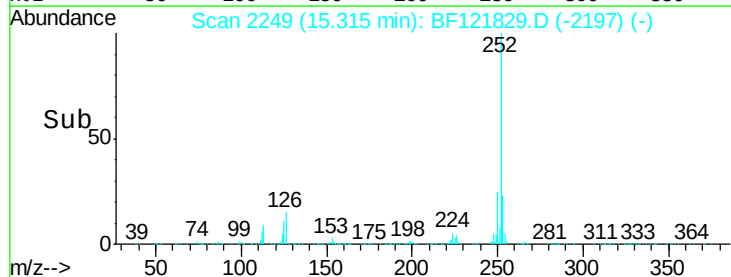
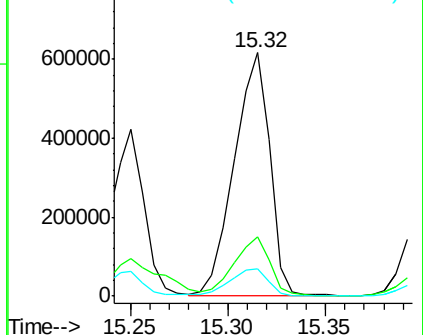
125 11.2 8.6 13.0

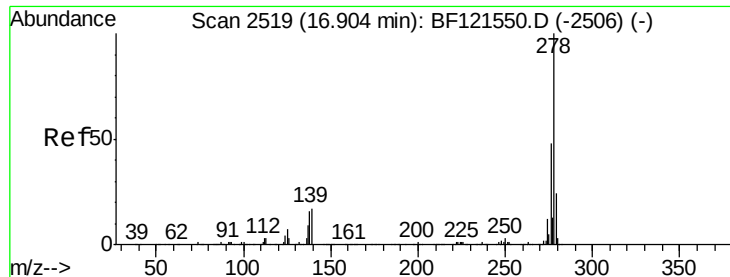


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 7.724 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.15 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

Instrument :

BNA_F

ClientSampleId :

B-20(12-14)

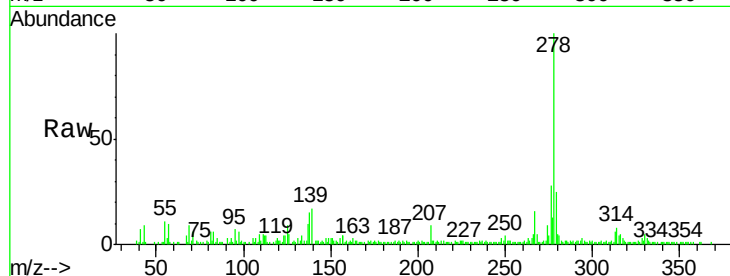
Tot Ion:278 Resp: 102190

Ion Ratio Lower Upper

278 100

139 17.4 13.0 19.4

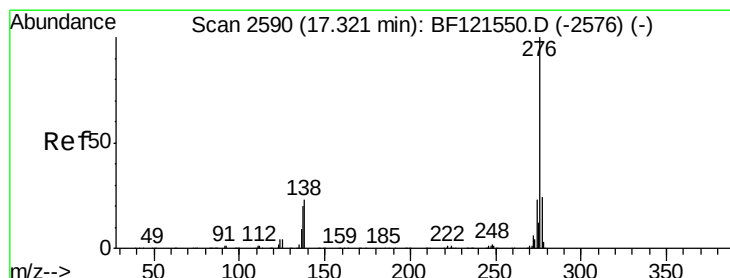
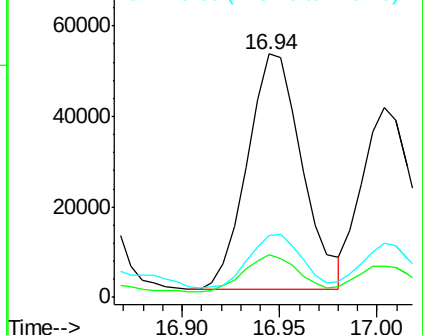
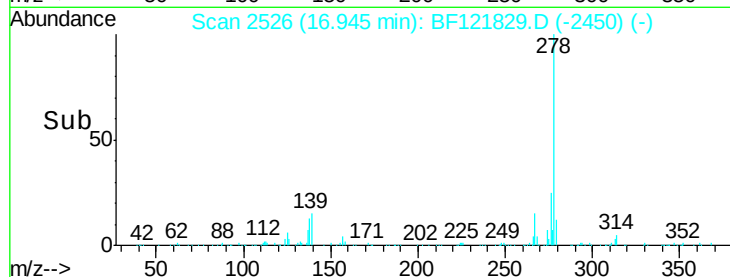
279 25.4 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 29.080 ng

RT: 17.22 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BF121829.D

Acq: 5 Oct 2020 21:22

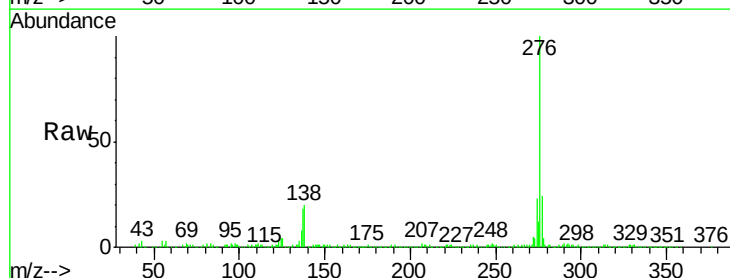
Tgt Ion:276 Resp: 378182

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 20.1 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

