

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
 Data File : BF121507.D
 Acq On : 1 Sep 2020 20:41
 Operator : JU/CG
 Sample : L3848-21 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-B

Quant Time: Sep 02 00:36:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	273168	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1042234	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	510339	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	881485	20.00	ng	0.00
76) Chrysene-d12	14.03	240	643703	20.00	ng	0.00
86) Perylene-d12	15.52	264	722481	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	626367	38.47	ng	-0.01
7) Phenol-d6	6.47	99	807679	35.50	ng	-0.02
23) Nitrobenzene-d5	7.42	82	493055	32.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	206975	40.15	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	977298	30.90	ng	-0.01
79) Terphenyl-d14	12.97	244	818420	26.76	ng	0.00

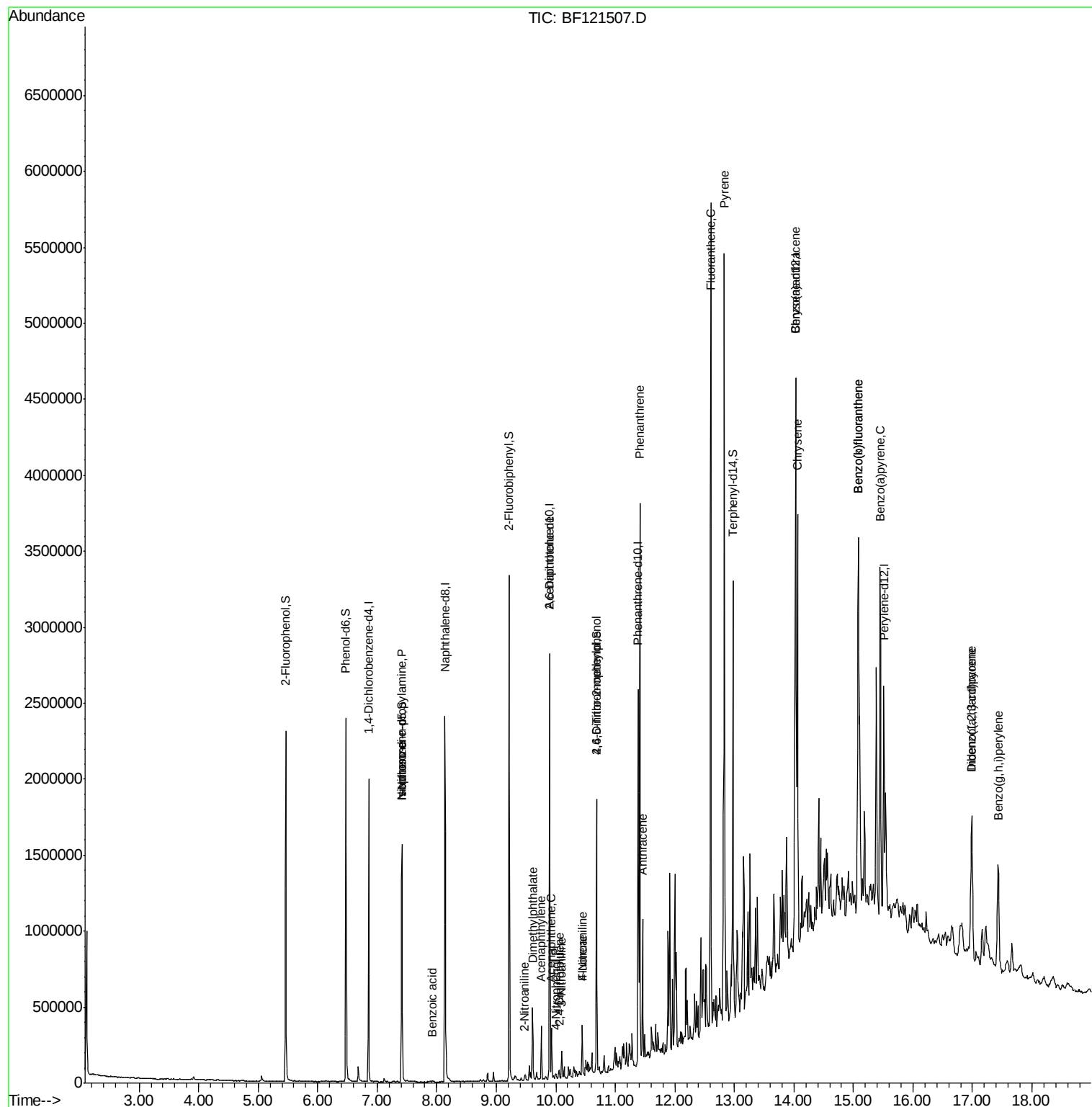
Target Compounds				Qvalue		
9) Benzaldehyde	6.40	77	681	Below Cal		85
19) n-Nitroso-di-n-propylamine	7.42	70	62759	4.936 ng	#	80
25) Isophorone	7.42	82	487999	14.232 ng	#	64
32) Benzoic acid	7.93	122	696	6.761 ng	#	29
48) 2-Nitroaniline	9.47	65	113	6.659 ng	#	5
49) Acenaphthylene	9.76	152	130340	2.745 ng		96
50) Dimethylphthalate	9.61	163	171650	4.897 ng		99
51) 2,6-Dinitrotoluene	9.90	165	68018	15.387 ng	#	24
52) Acenaphthene	9.93	154	63173	2.107 ng		96
53) 3-Nitroaniline	10.10	138	731	5.529 ng	#	33
56) 4-Nitrophenol	10.00	139	807	7.964 ng	#	17
57) 2,4-Dinitrotoluene	10.06	165	2644	7.553 ng	#	47
58) Fluorene	10.44	166	80130	2.441 ng		99
62) 4-Nitroaniline	10.44	138	913	4.632 ng	#	40
65) 4,6-Dinitro-2-methylphenol	10.69	198	415	5.669 ng	#	1
71) Phenanthrene	11.41	178	1267008	28.009 ng		98
72) Anthracene	11.46	178	358599	8.060 ng		95
75) Fluoranthene	12.60	202	2285173	46.873 ng		99
78) Pyrene	12.83	202	2265126	49.272 ng		99
81) Benzo(a)anthracene	14.02	228	1338298	34.058 ng		96
83) Chrysene	14.06	228	1172904	29.835 ng		97
87) Indeno(1,2,3-cd)pyrene	16.99	276	652471	14.678 ng		95
88) Benzo(b)fluoranthene	15.08	252	2055080	43.728 ng		98
89) Benzo(k)fluoranthene	15.08	252	2055080	47.012 ng		97
90) Benzo(a)pyrene	15.45	252	1194193	28.258 ng		97
91) Dibenzo(a,h)anthracene	17.00	278	181362	4.984 ng		92
92) Benzo(g,h,i)perylene	17.43	276	582698	16.623 ng		97

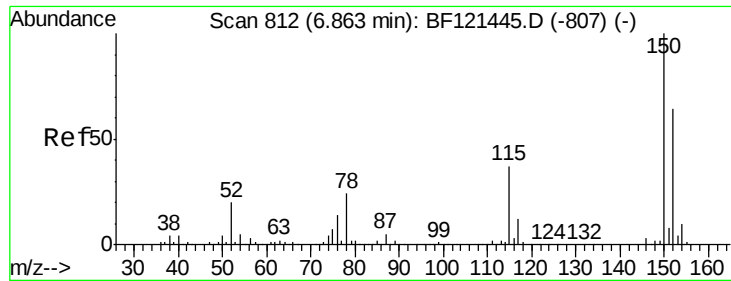
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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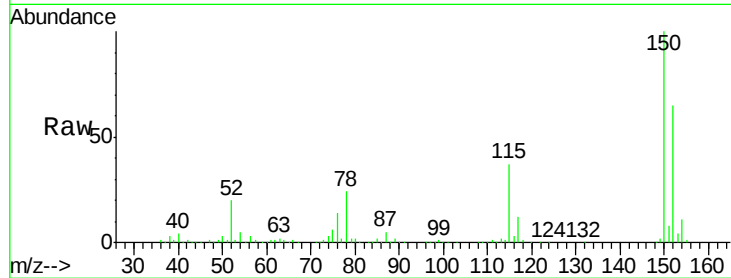


#1

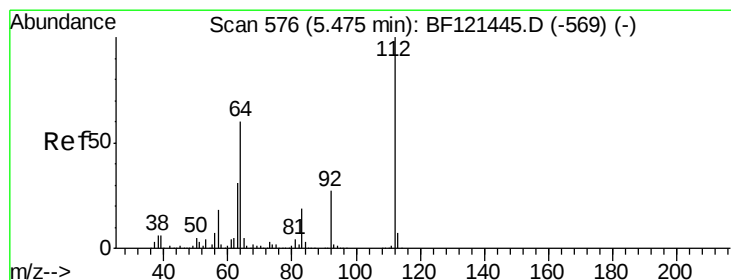
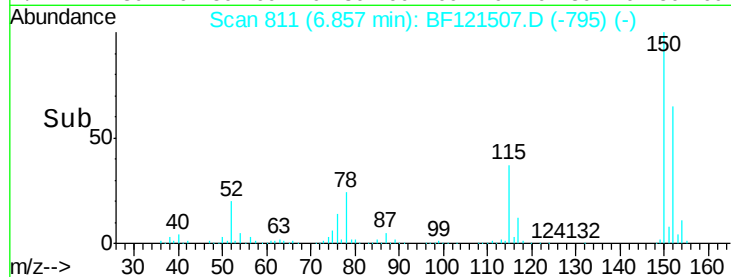
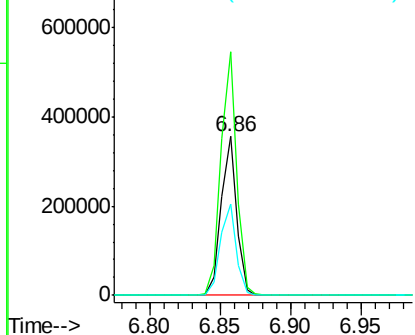
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.8	188.6
115	57.2	46.6	69.8



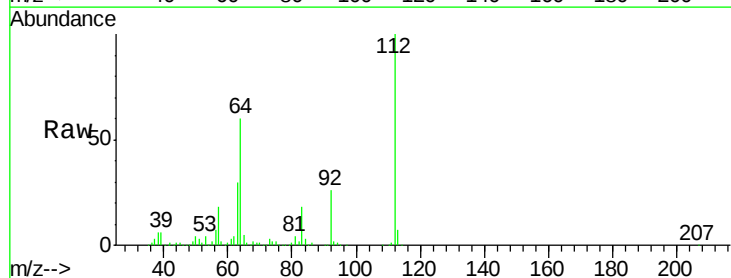
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



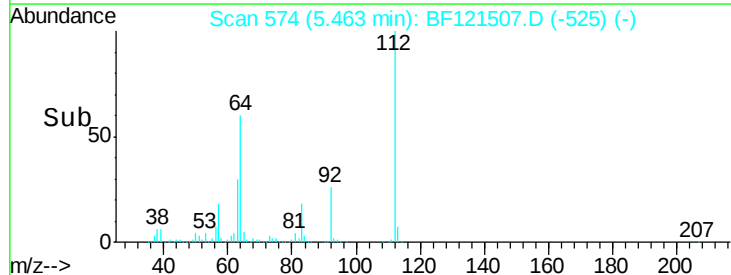
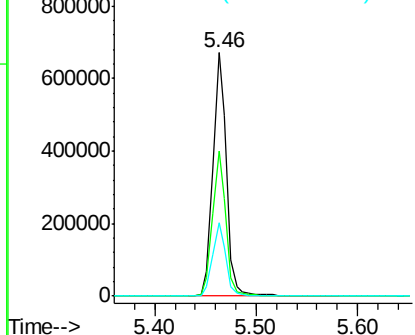
#5

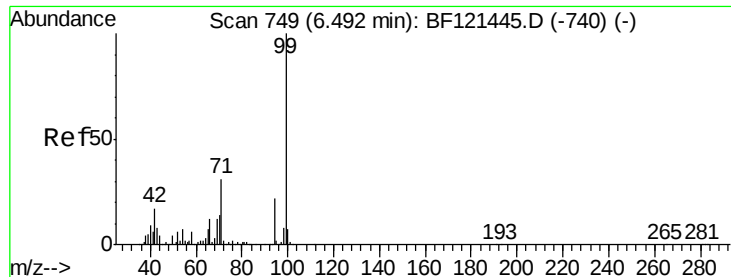
2-Fluorophenol
Concen: 38.470 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.2	72.2
63	30.4	24.8	37.2



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: 35.497 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-01-B

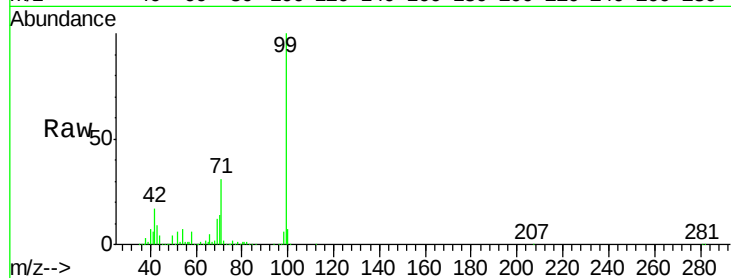
Tot Ion: 99 Resp: 807679

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

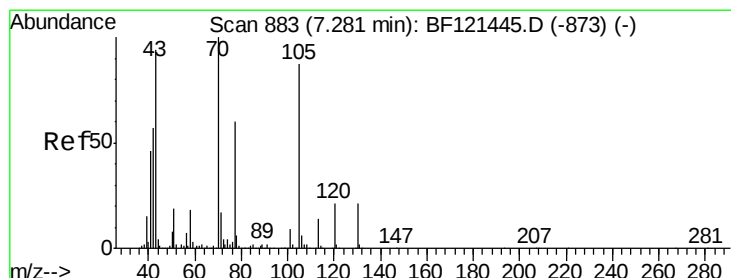
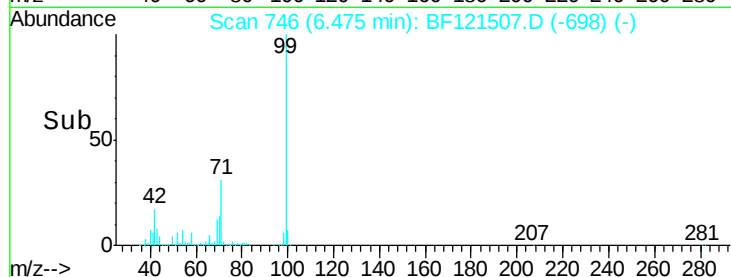
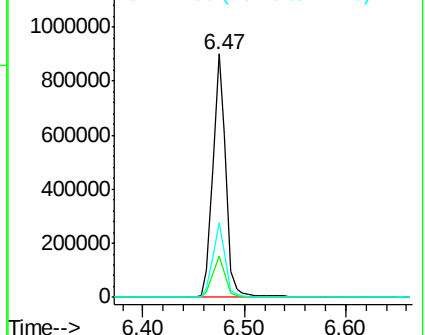
71 30.5 24.6 37.0



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: 4.936 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

Tgt Ion: 70 Resp: 62759

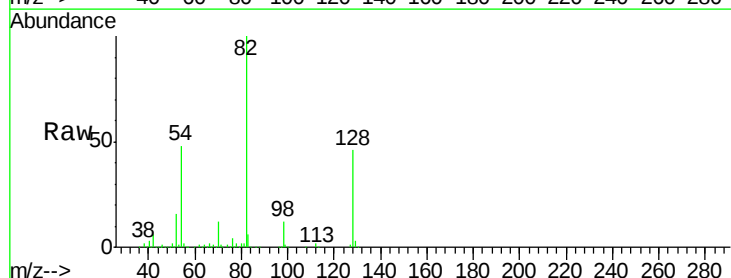
Ion Ratio Lower Upper

70 100

42 47.7 45.8 68.6

101 0.0 7.5 11.3#

130 2.5 16.5 24.7#

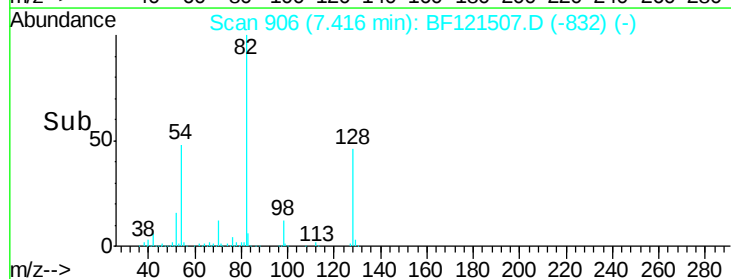
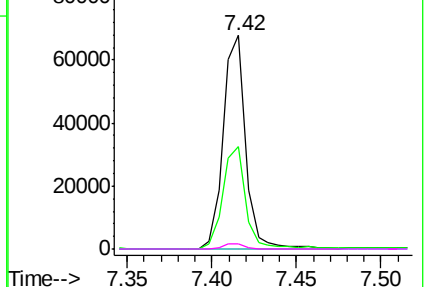


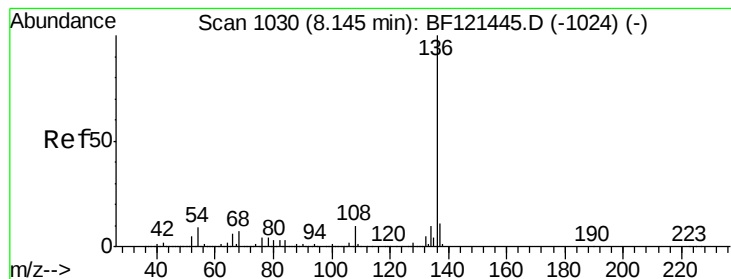
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-01-B

Tot Ion:136 Resp: 1042234

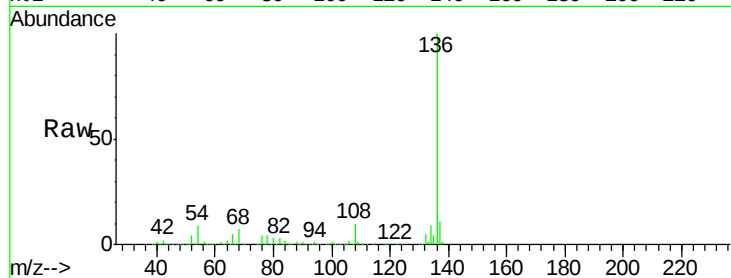
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.5 7.0 10.4

68 6.9 5.5 8.3

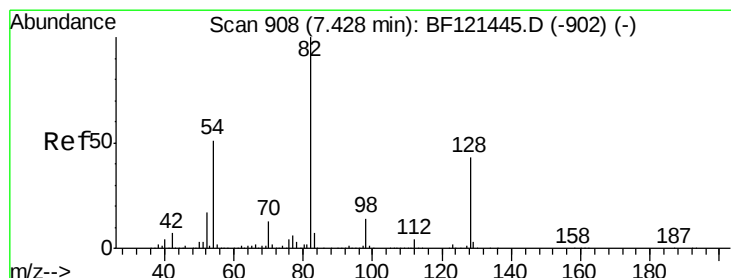
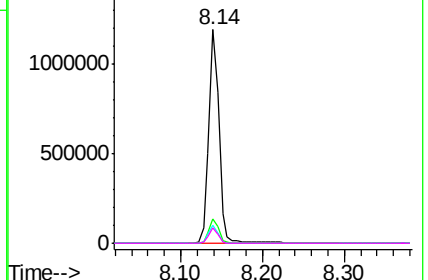
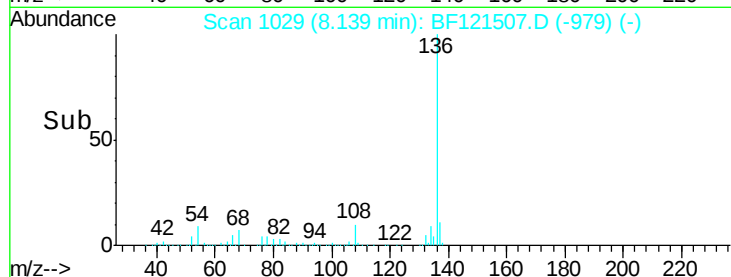


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.342 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

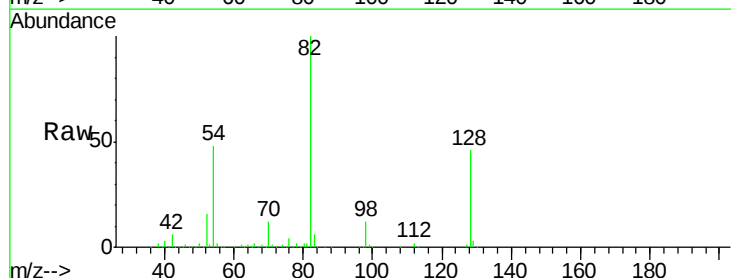
Tgt Ion: 82 Resp: 493055

Ion Ratio Lower Upper

82 100

128 45.6 34.1 51.1

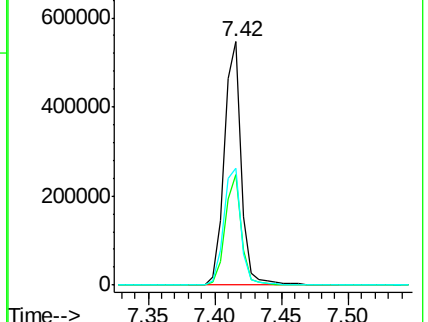
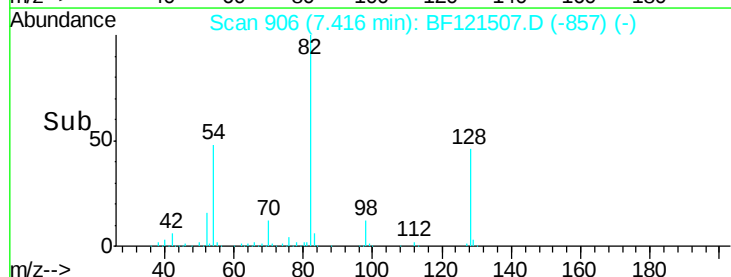
54 47.9 41.0 61.6

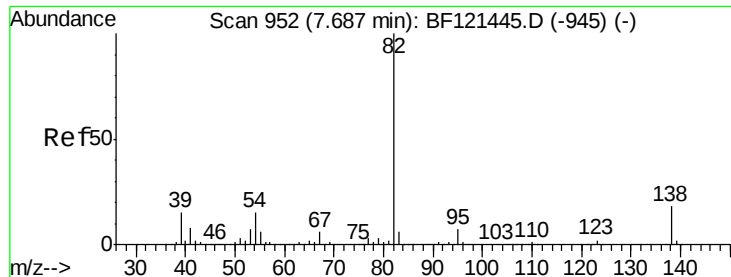


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 14.232 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.27 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

Instrument :

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LINDEN-BH-01-B

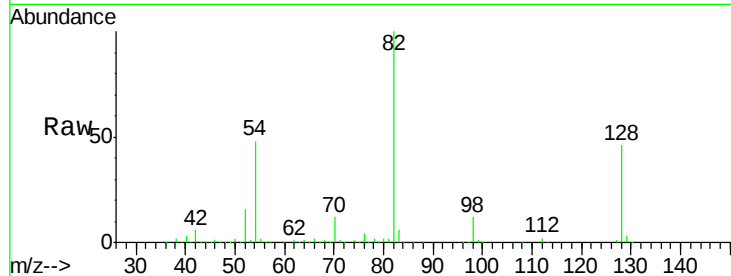
Tot Ion: 82 Resp: 487999

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

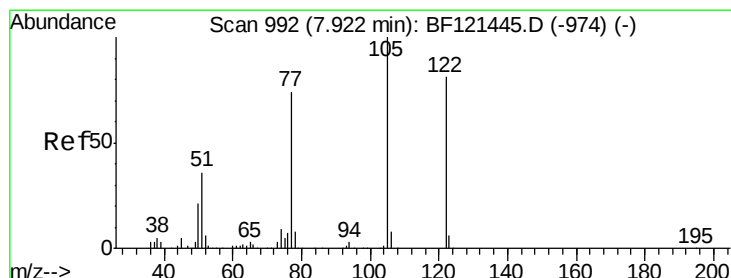
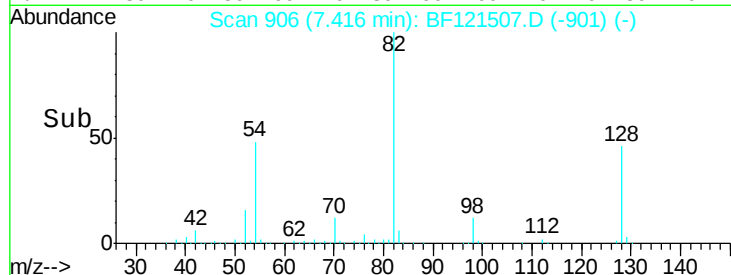
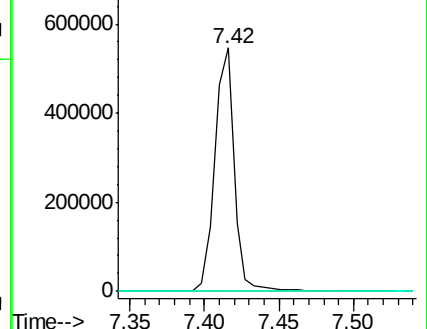
138 0.0 14.8 22.2#



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: 6.761 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

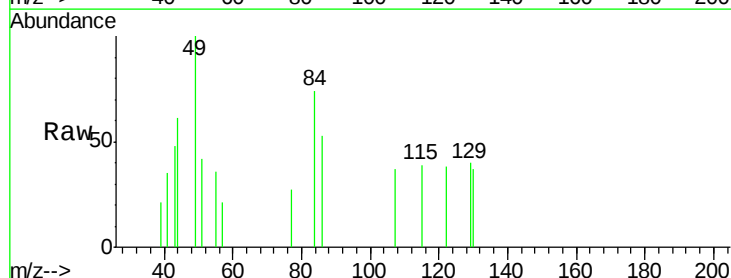
Tgt Ion:122 Resp: 696

Ion Ratio Lower Upper

122 100

105 0.0 100.8 140.8#

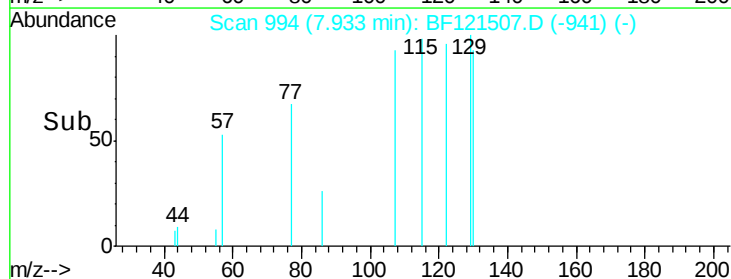
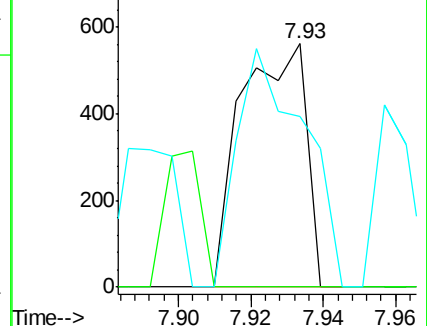
77 70.3 71.5 111.5#

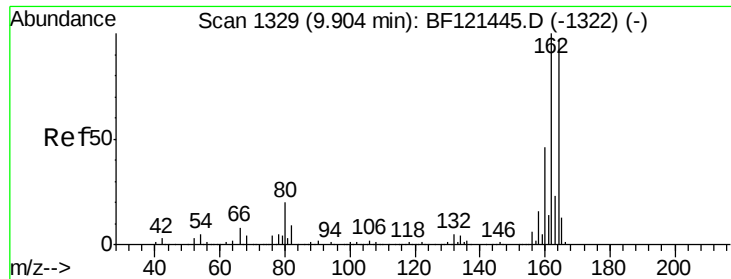


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

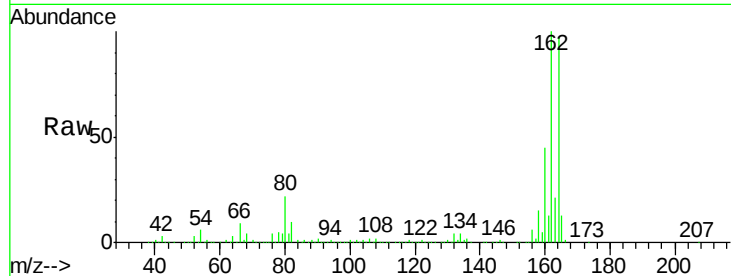




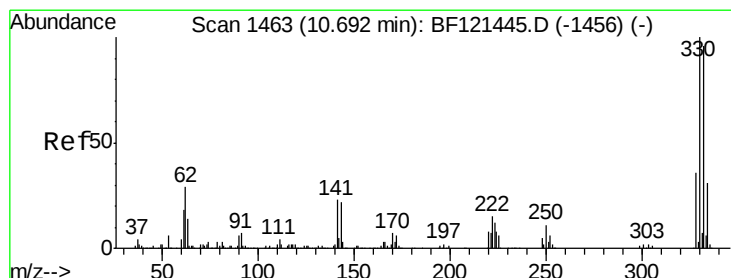
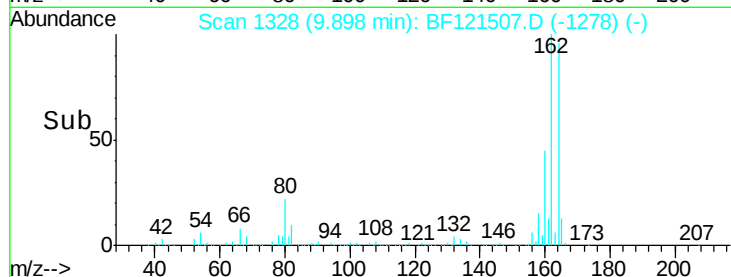
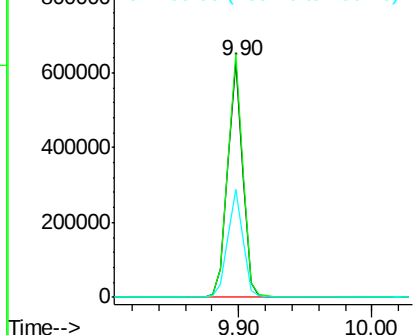
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-B

Tot Ion:164 Resp: 510339
Ion Ratio Lower Upper
164 100
162 103.0 82.4 123.6
160 45.9 37.6 56.4

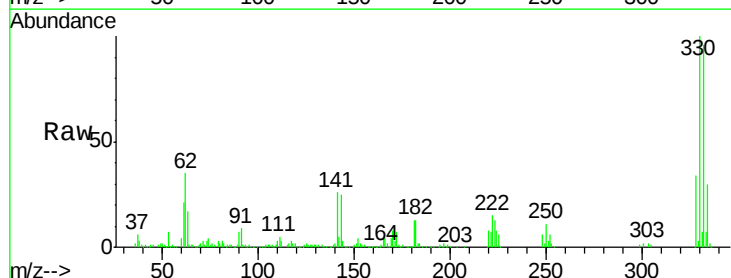


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

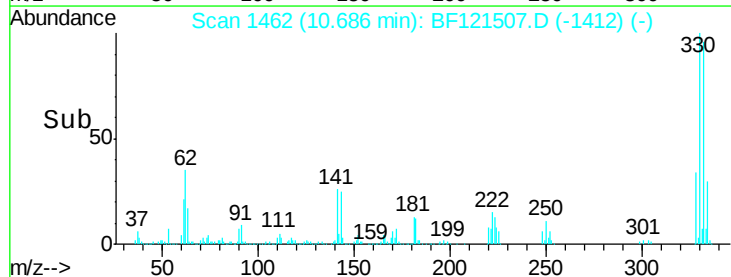
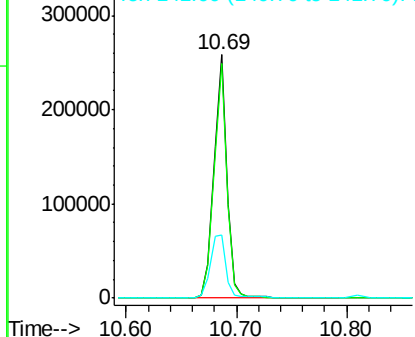


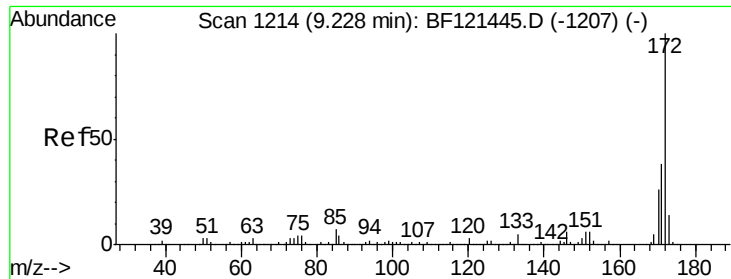
#42
2,4,6-Tribromophenol
Concen: 40.153 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

Tgt Ion:330 Resp: 206975
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.2
141 30.3 24.6 36.8



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

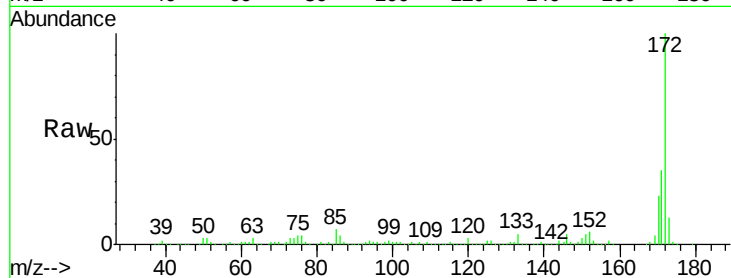




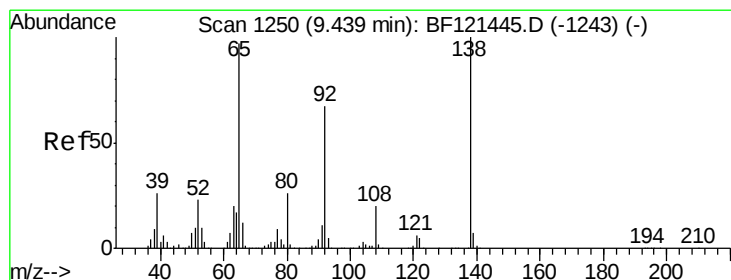
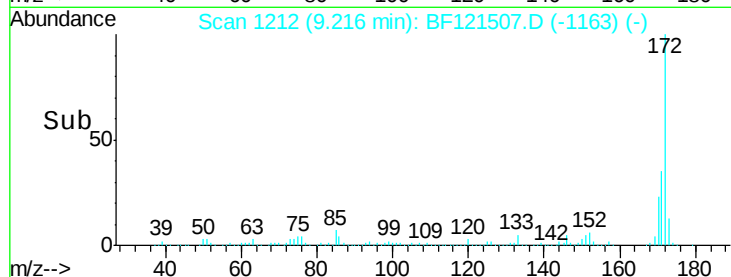
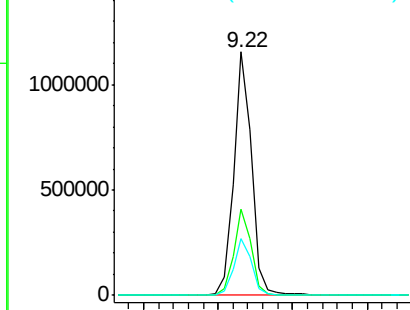
#45
2-Fluorobiphenyl
Concen: 30.899 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-B

Tot Ion:172 Resp: 977298
Ion Ratio Lower Upper
172 100
171 35.4 30.6 45.8
170 23.3 20.6 31.0

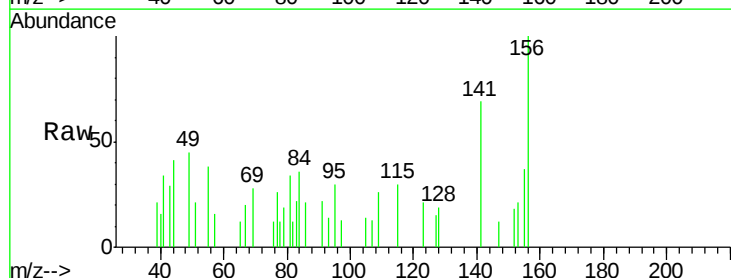


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

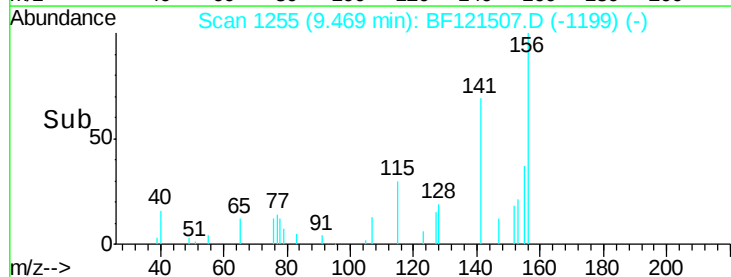
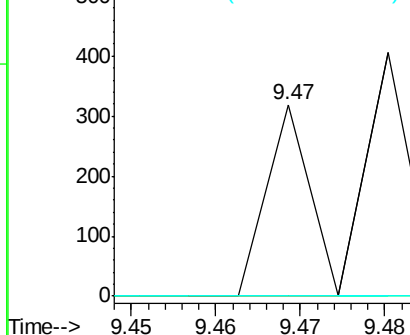


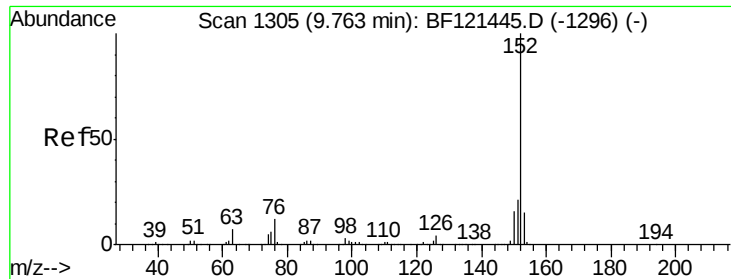
#48
2-Nitroaniline
Concen: 6.659 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.03 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

Tgt Ion: 65 Resp: 113
Ion Ratio Lower Upper
65 100
92 0.0 55.6 83.4#
138 0.0 82.9 124.3#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 2.745 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-01-B

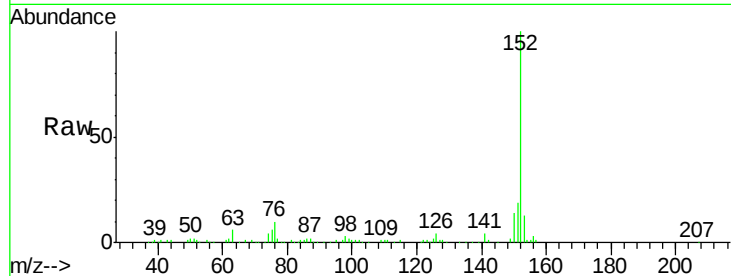
Tot Ion:152 Resp: 130340

Ion Ratio Lower Upper

152 100

151 19.0 17.2 25.8

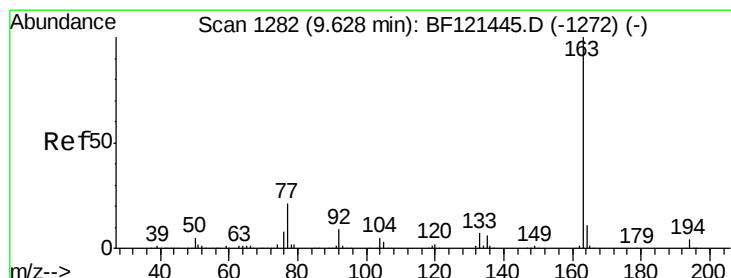
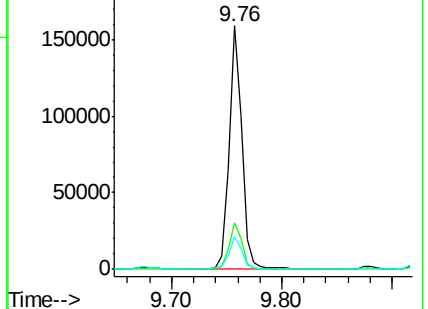
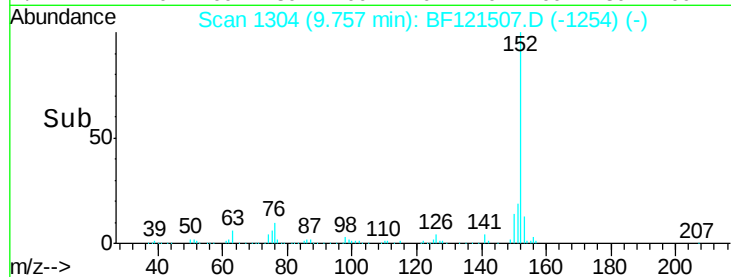
153 13.2 11.6 17.4



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: 4.897 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

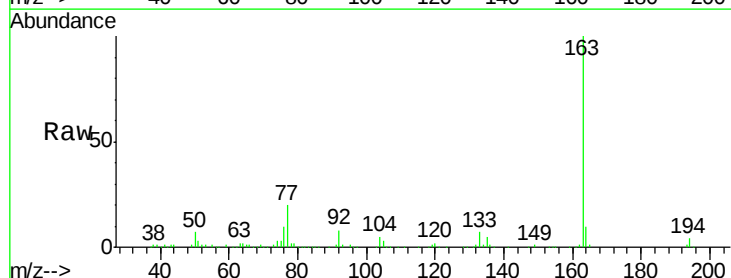
Tgt Ion:163 Resp: 171650

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

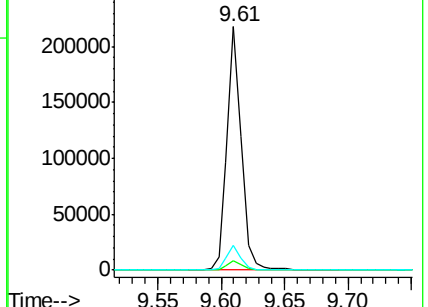
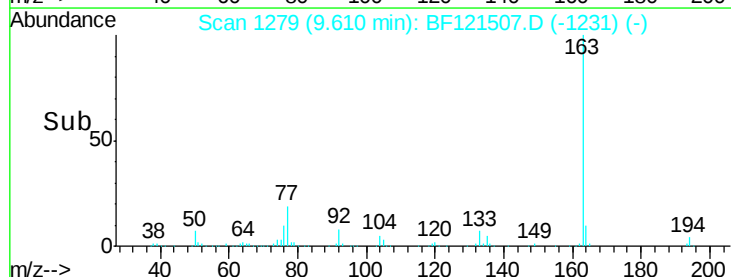
164 10.1 8.6 12.8

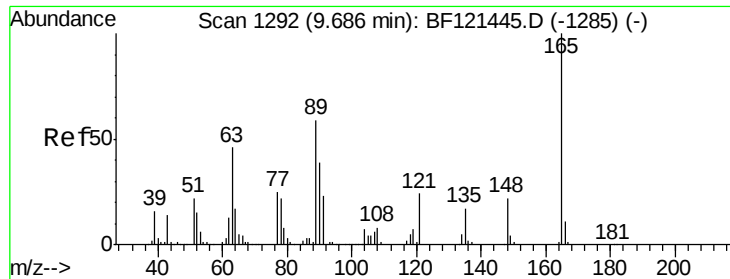


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

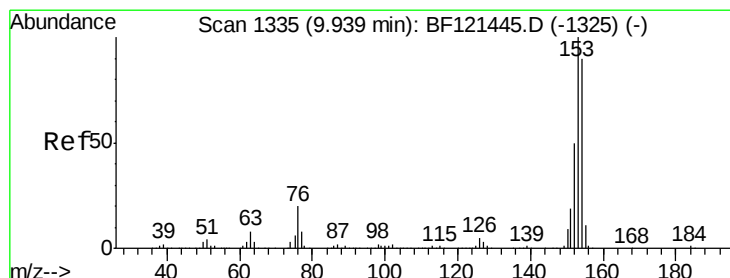
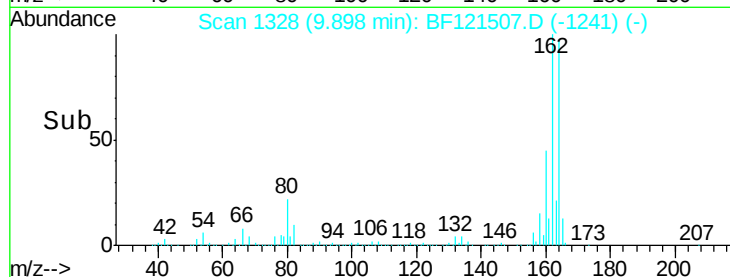
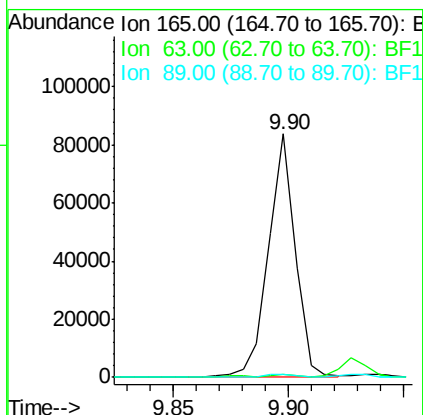
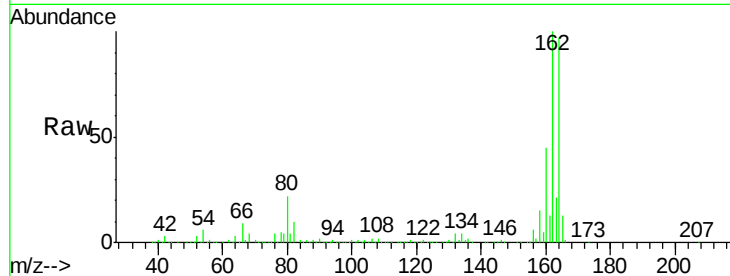




#51
 2,6-Dinitrotoluene
 Concen: 15.387 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF121507.D
 Acq: 1 Sep 2020 20:41

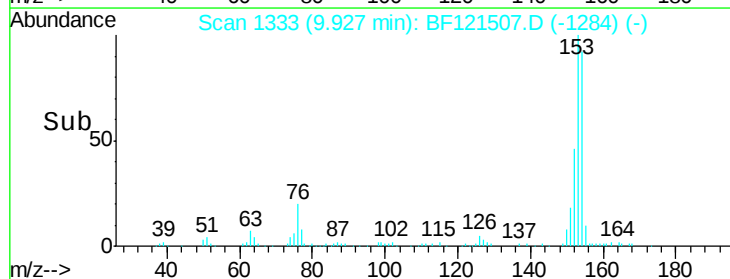
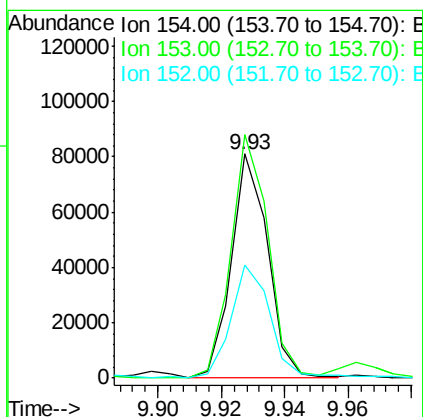
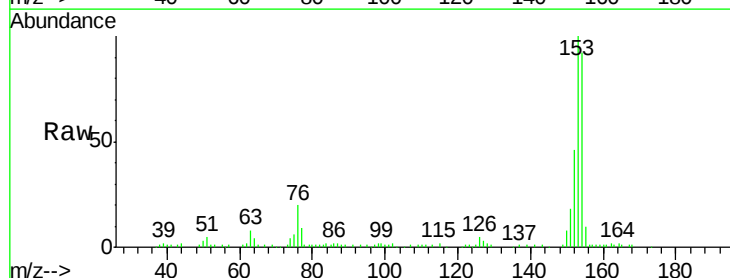
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-B

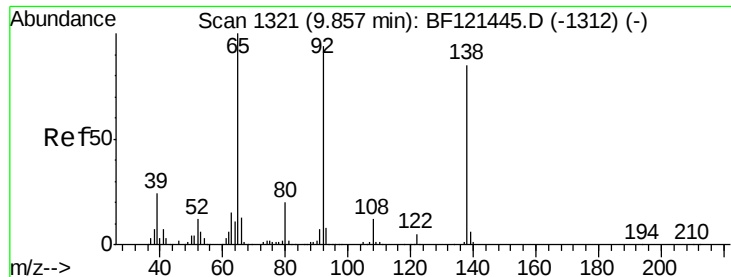
Tot Ion:165 Resp: 68018
 Ion Ratio Lower Upper
 165 100
 63 1.4 43.6 65.4#
 89 1.4 47.4 71.2#



#52
 Acenaphthene
 Concen: 2.107 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF121507.D
 Acq: 1 Sep 2020 20:41

Tgt Ion:154 Resp: 63173
 Ion Ratio Lower Upper
 154 100
 153 108.8 88.9 133.3
 152 50.6 44.1 66.1

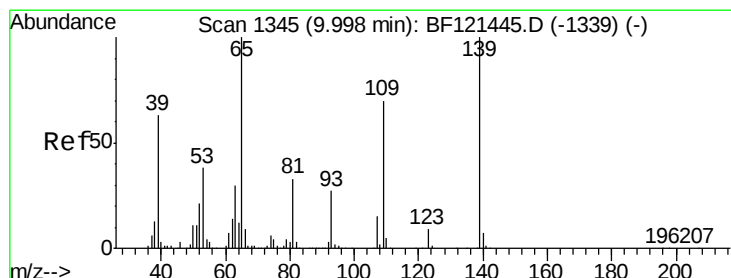
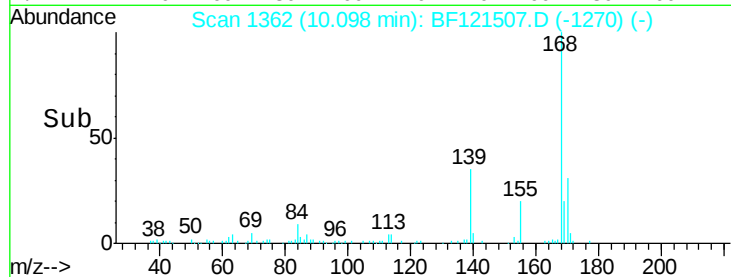
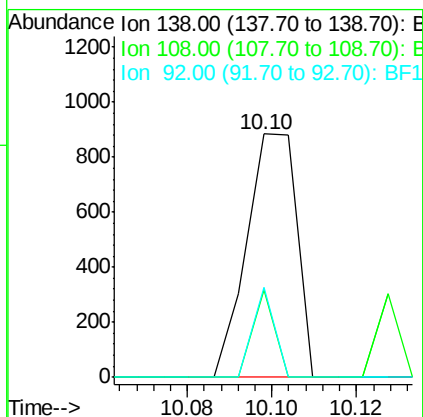
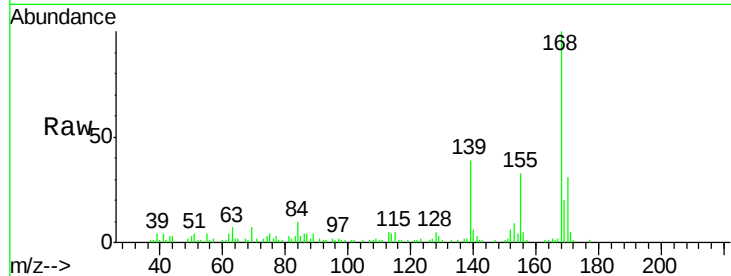




#53
 3-Nitroaniline
 Concen: 5.529 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.24 min
 Lab File: BF121507.D
 Acq: 1 Sep 2020 20:41

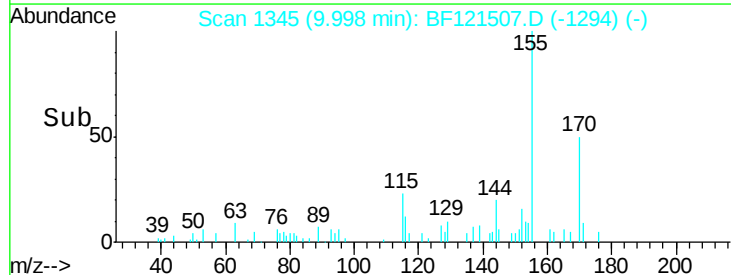
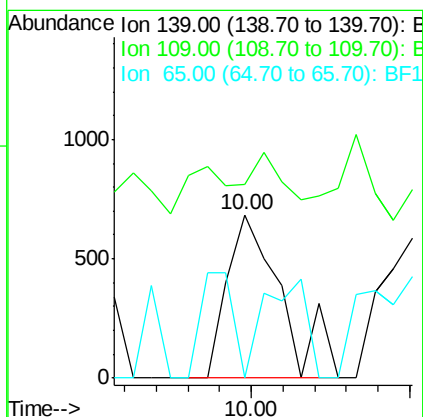
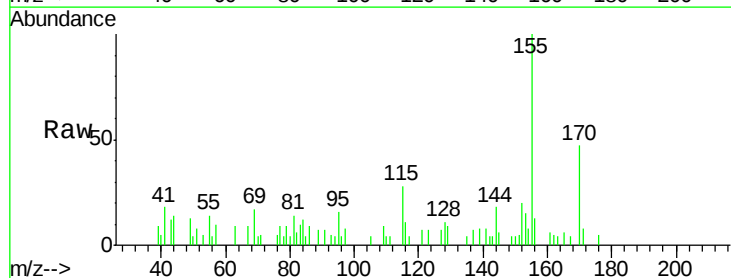
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-B

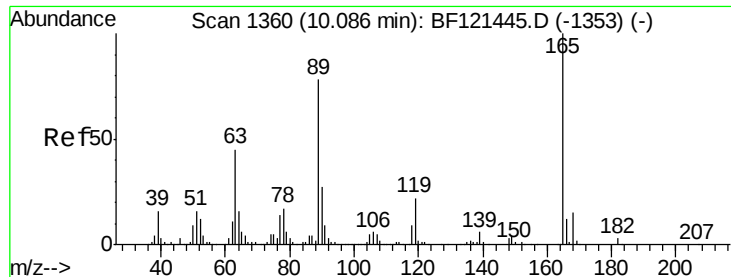
Tot Ion:138 Resp: 731
 Ion Ratio Lower Upper
 138 100
 108 36.0 11.6 17.4#
 92 37.1 88.6 132.8#



#56
 4-Nitrophenol
 Concen: 7.964 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF121507.D
 Acq: 1 Sep 2020 20:41

Tgt Ion:139 Resp: 807
 Ion Ratio Lower Upper
 139 100
 109 118.7 50.5 90.5#
 65 0.0 80.2 120.2#

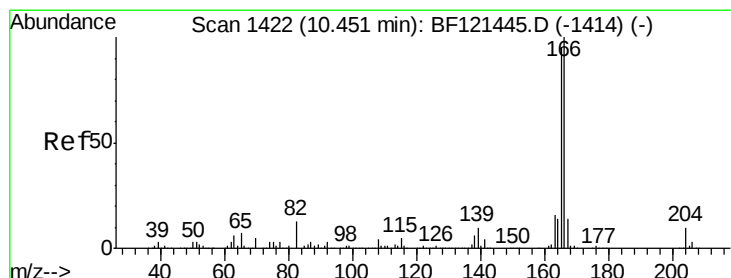
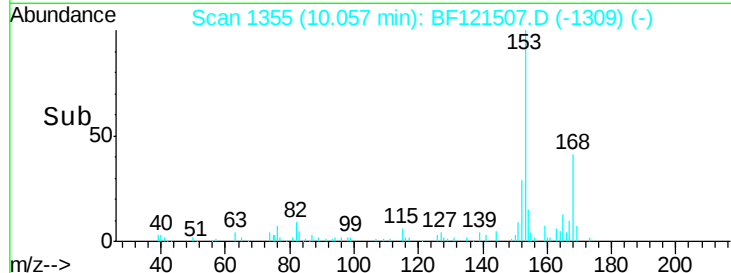
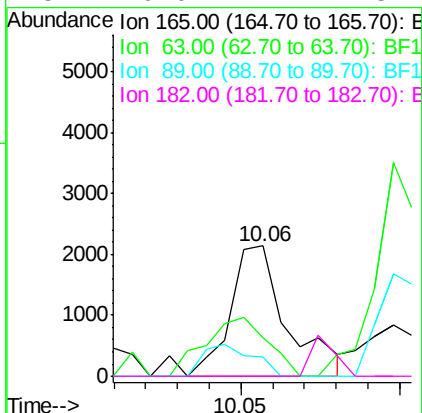
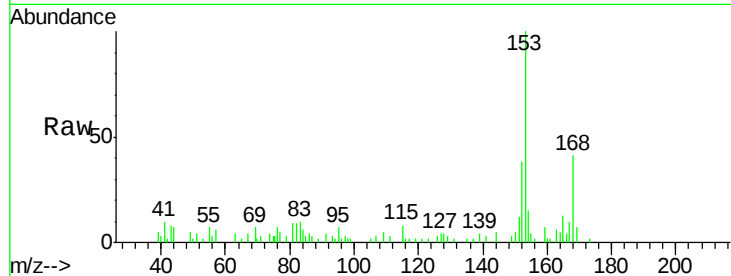




#57
 2,4-Dinitrotoluene
 Concen: 7.553 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.03 min
 Lab File: BF121507.D
 Acq: 1 Sep 2020 20:41

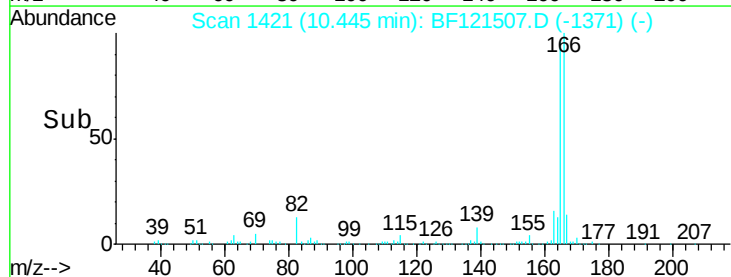
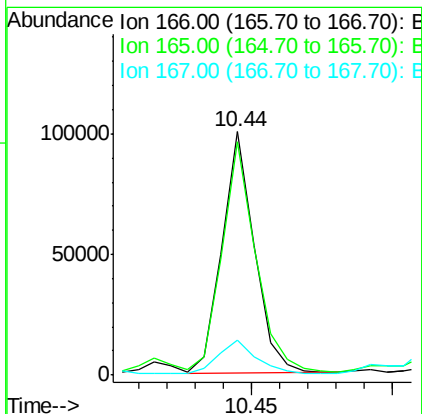
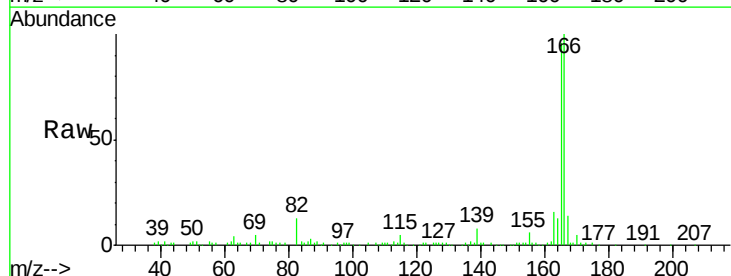
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-B

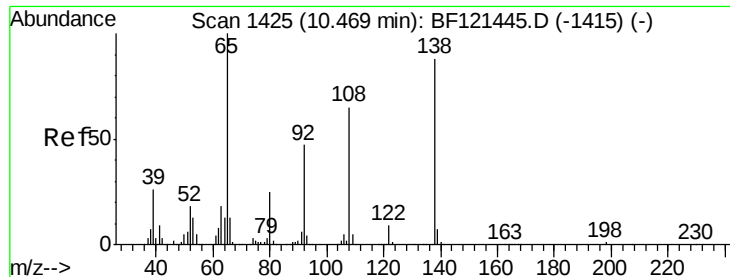
Tot Ion:	165	Resp:	2644
Ion	Ratio	Lower	Upper
165	100		
63	30.0	36.0	54.0#
89	15.1	62.6	93.8#
182	0.0	2.2	3.2#



#58
 Fluorene
 Concen: 2.441 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF121507.D
 Acq: 1 Sep 2020 20:41

Tgt Ion:	166	Resp:	80130
Ion	Ratio	Lower	Upper
166	100		
165	96.1	75.7	113.5
167	14.3	11.1	16.7





#62

4-Nitroaniline

Concen: 4.632 ng

RT: 10.44 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-01-B

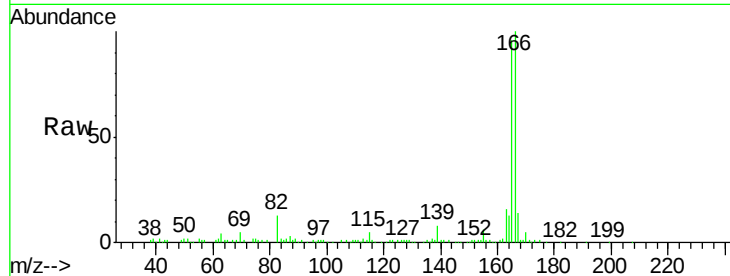
Tot Ion:138 Resp: 913

Ion Ratio Lower Upper

138 100

92 0.0 33.2 73.2#

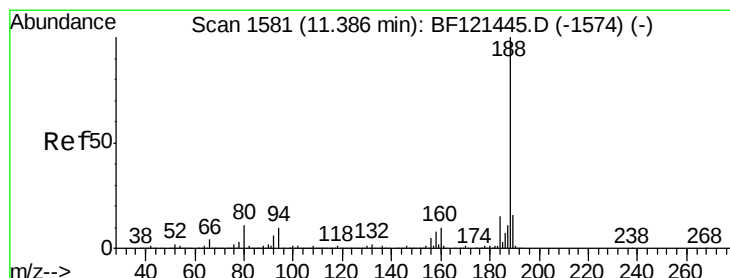
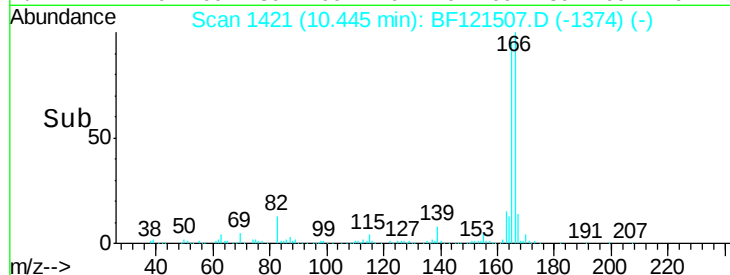
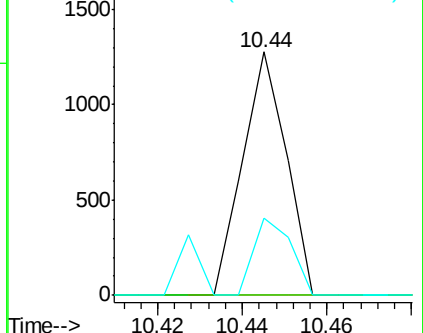
108 31.6 53.6 93.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

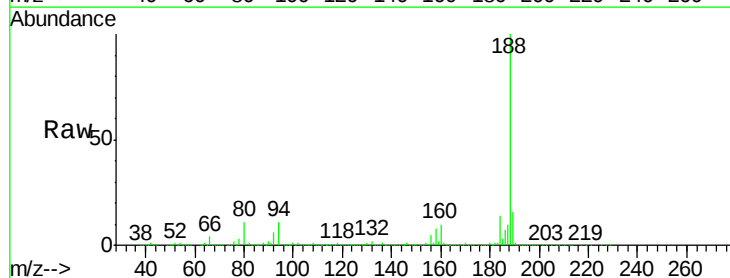
Tgt Ion:188 Resp: 881485

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

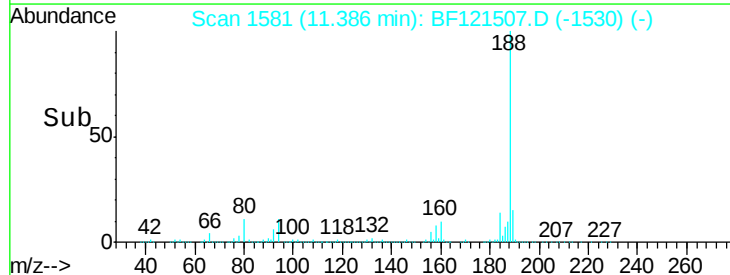
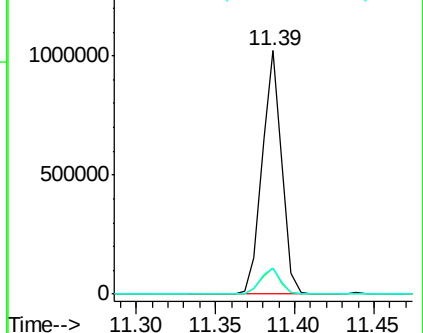
80 10.7 8.6 13.0

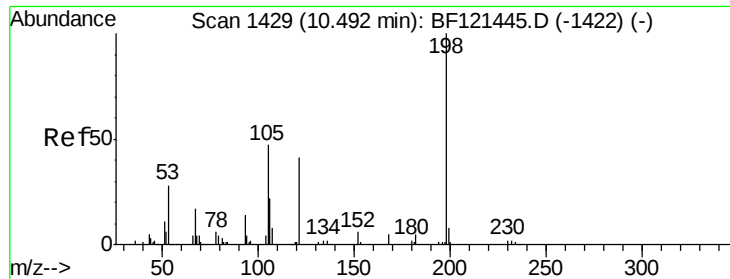


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.669 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.19 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-01-B

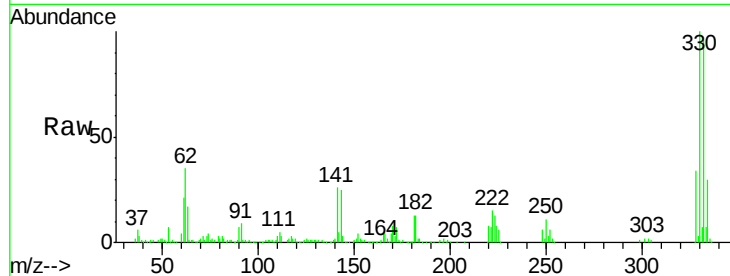
Tot Ion:198 Resp: 415

Ion Ratio Lower Upper

198 100

51 399.0 29.0 69.0#

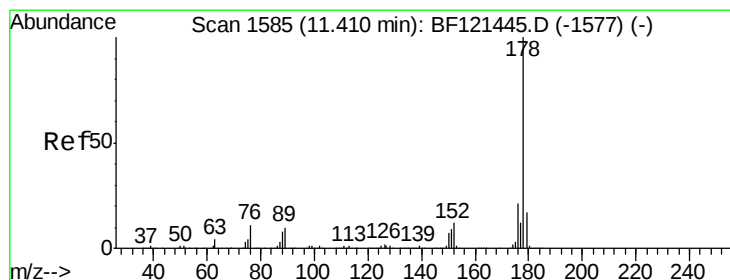
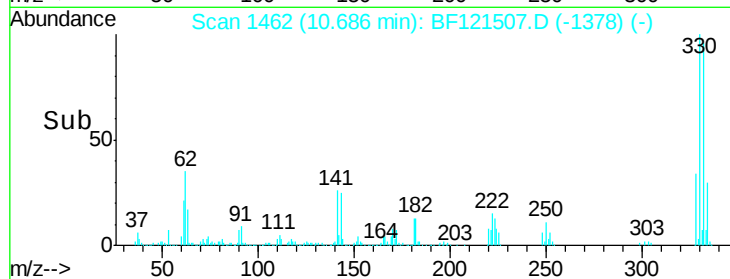
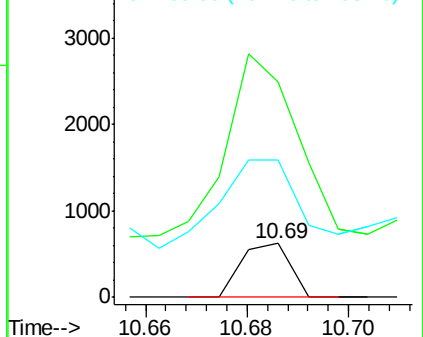
105 253.9 29.1 69.1#



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



#71

Phenanthrene

Concen: 28.009 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

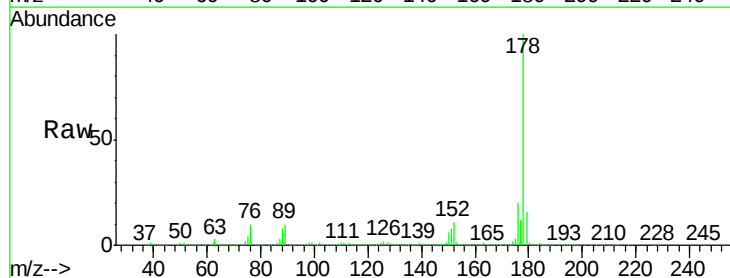
Tgt Ion:178 Resp: 1267008

Ion Ratio Lower Upper

178 100

176 20.0 16.9 25.3

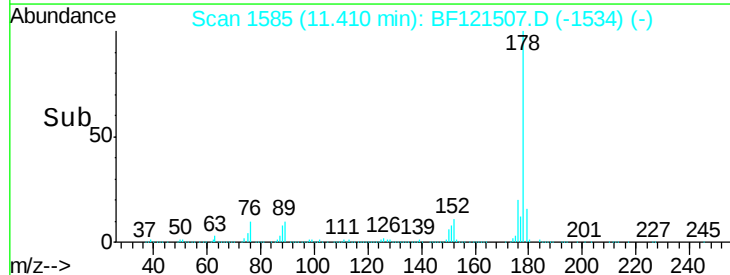
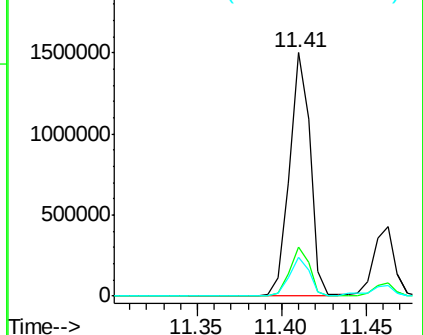
179 16.0 13.4 20.0

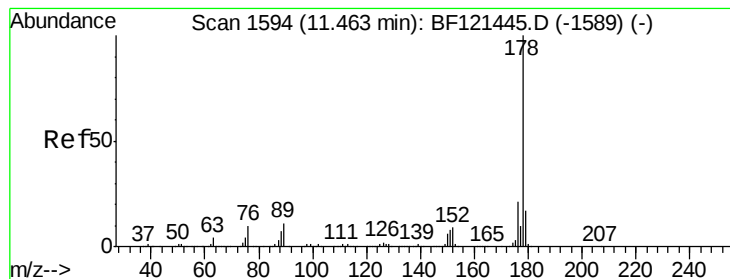


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 8.060 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-01-B

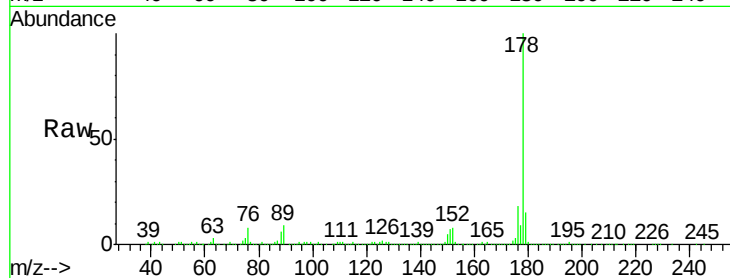
Tot Ion:178 Resp: 358599

Ion Ratio Lower Upper

178 100

176 18.2 16.7 25.1

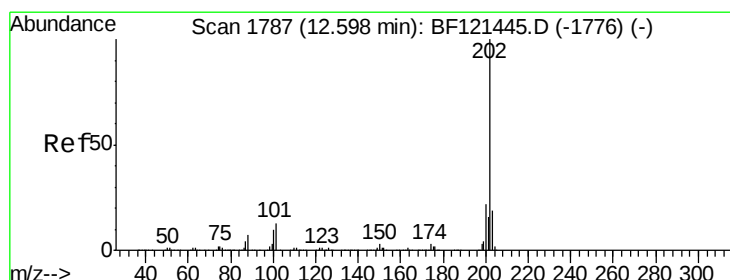
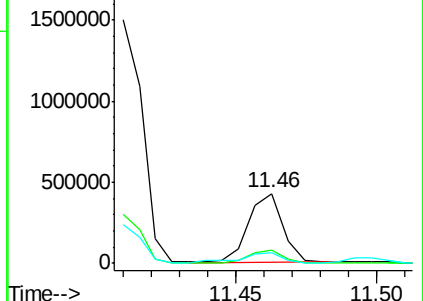
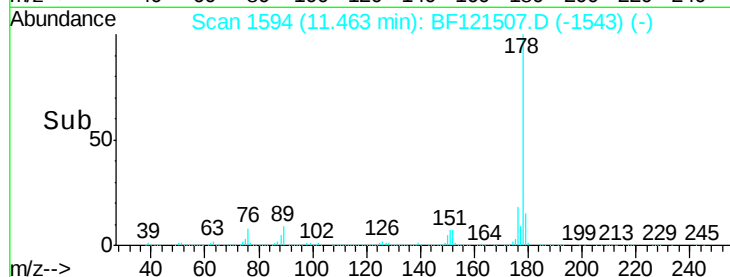
179 15.4 13.4 20.2



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



#75

Fluoranthene

Concen: 46.873 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

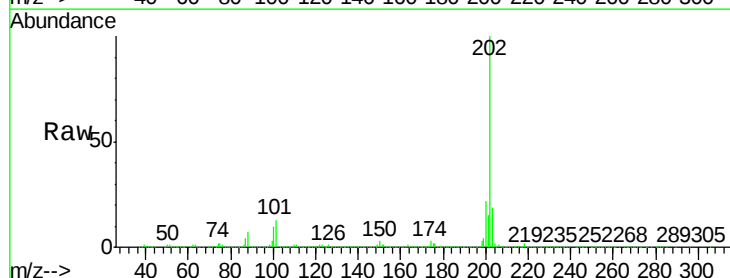
Tgt Ion:202 Resp: 2285173

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.3

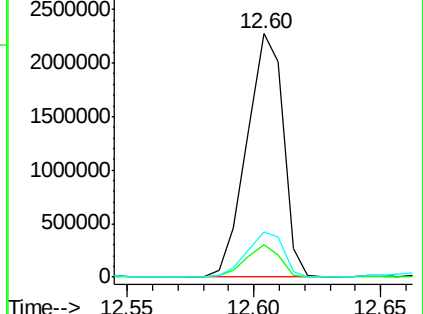
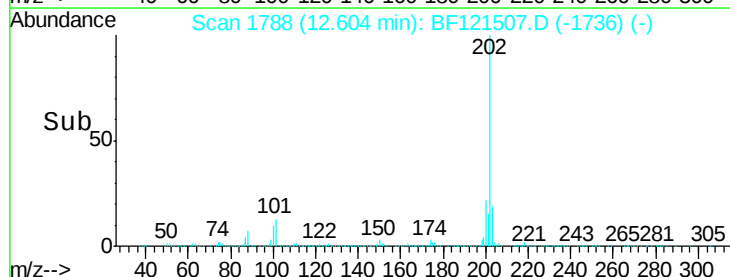
203 18.6 0.0 39.1

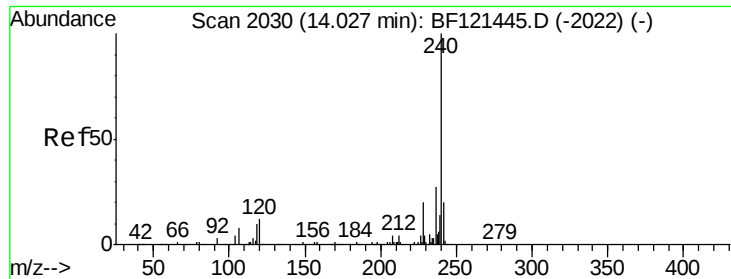


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

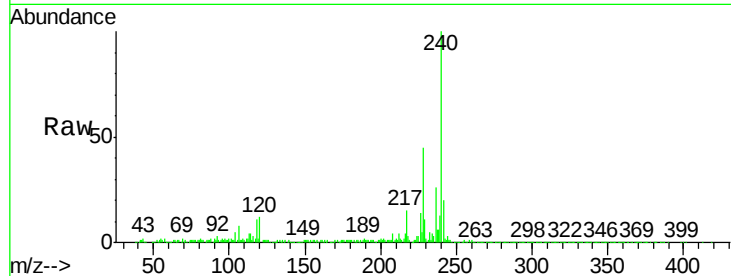




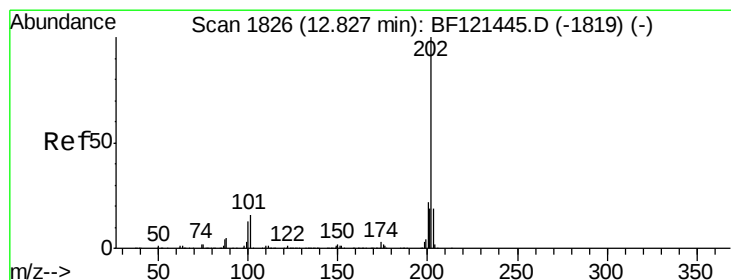
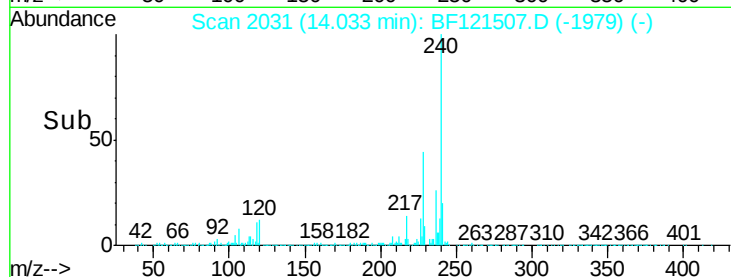
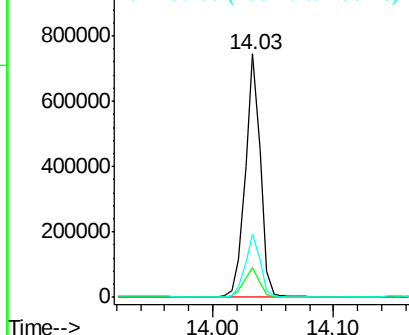
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-B

Tot Ion:240 Resp: 643703
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.1 21.8 32.6

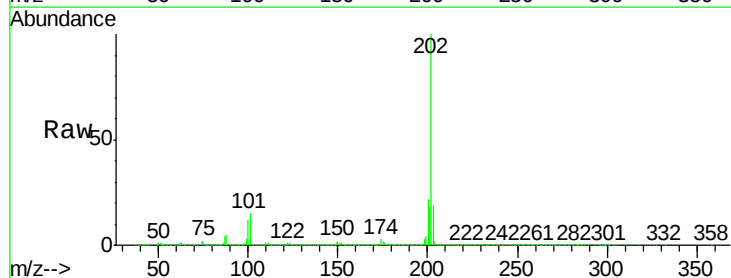


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

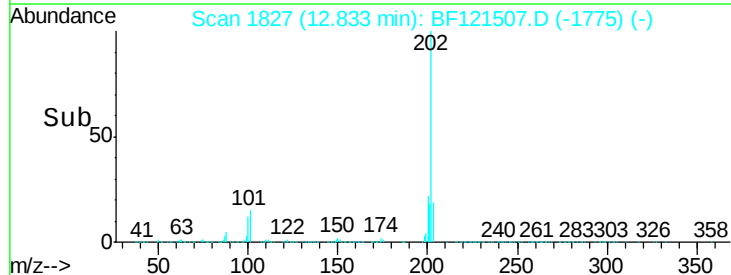
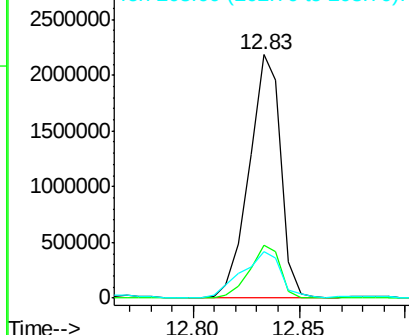


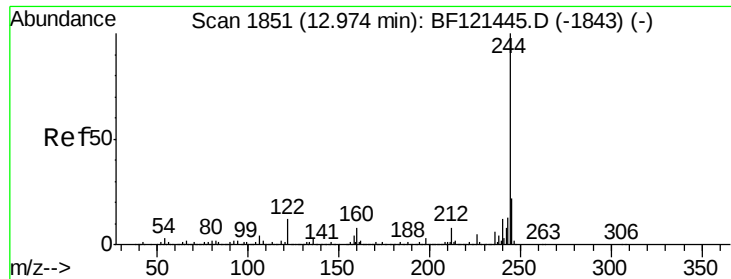
#78
Pyrene
Concen: 49.272 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

Tgt Ion:202 Resp: 2265126
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 19.1 15.3 22.9



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

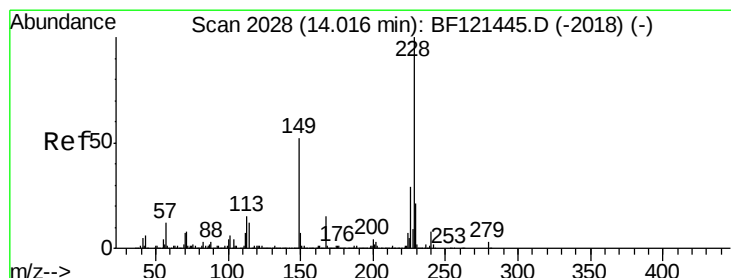
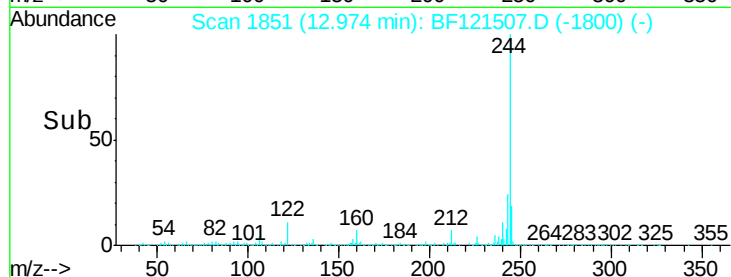
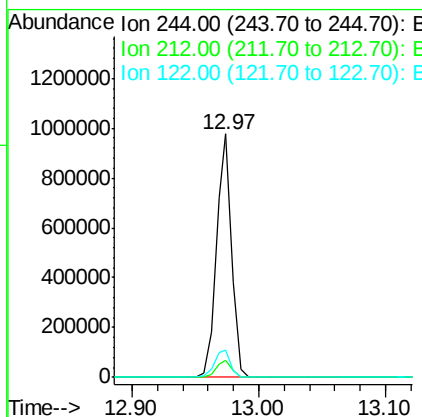
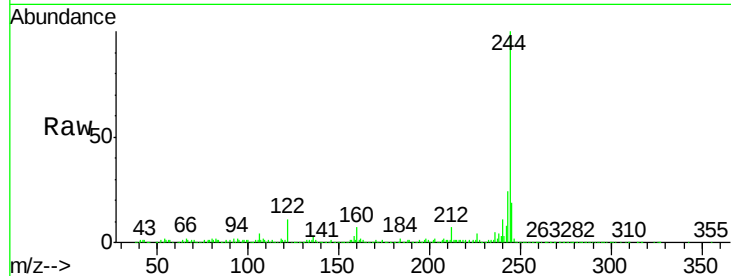




#79
 Terphenyl-d14
 Concen: 26.763 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF121507.D
 Acq: 1 Sep 2020 20:41

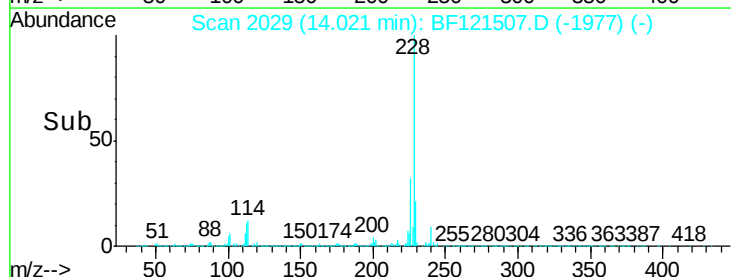
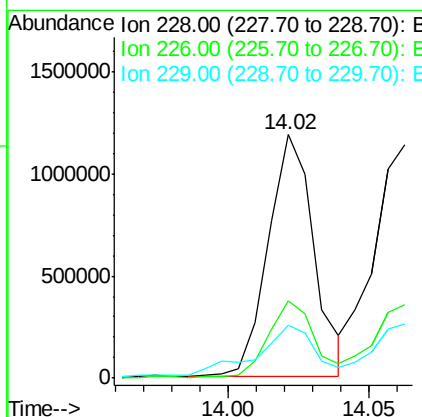
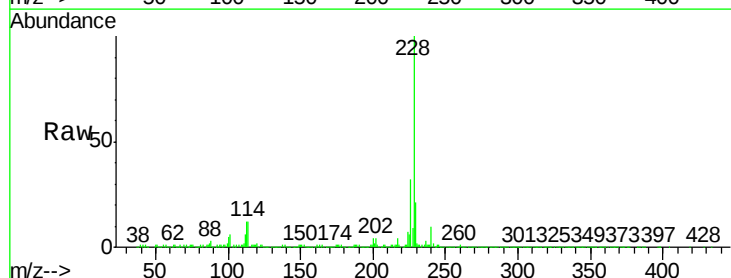
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-B

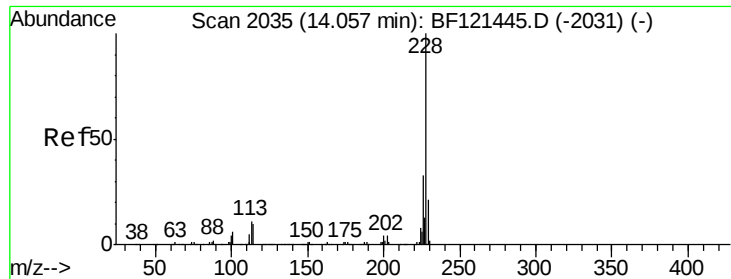
Tot Ion:244 Resp: 818420
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.3 9.5
 122 11.3 9.5 14.3



#81
 Benzo(a)anthracene
 Concen: 34.058 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF121507.D
 Acq: 1 Sep 2020 20:41

Tgt Ion:228 Resp: 1338298
 Ion Ratio Lower Upper
 228 100
 226 31.9 23.0 34.4
 229 21.5 16.6 24.8

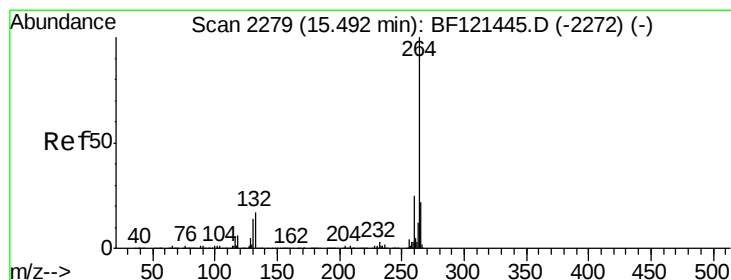
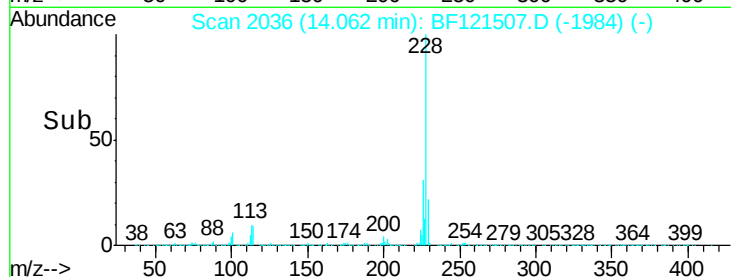
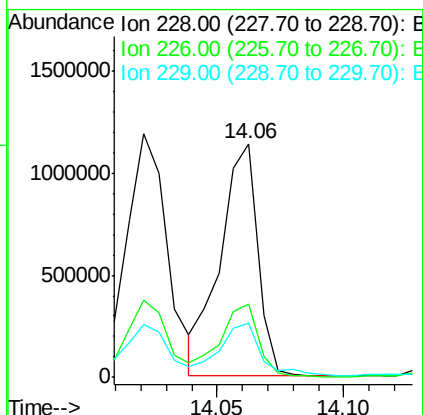
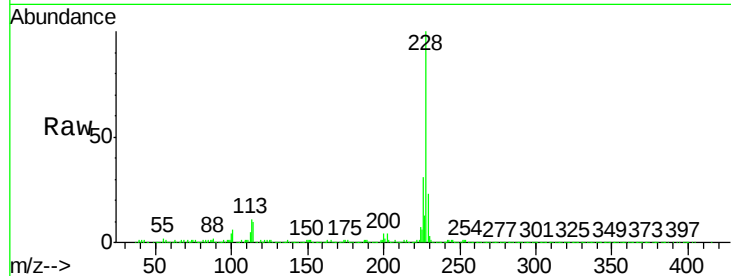




#83
Chrysene
Concen: 29.835 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

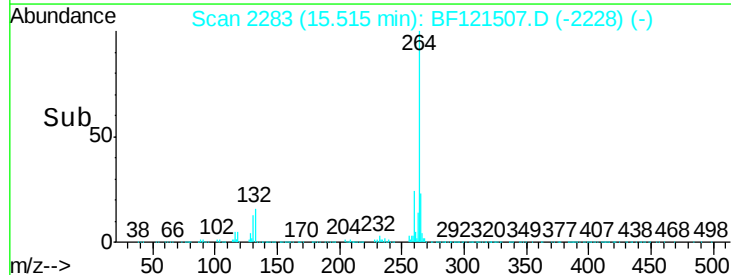
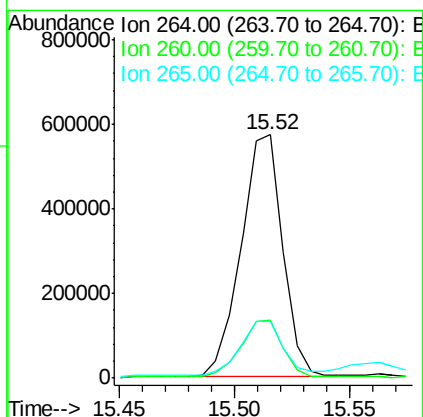
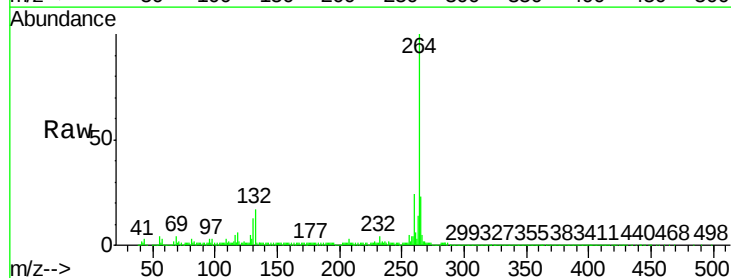
Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-B

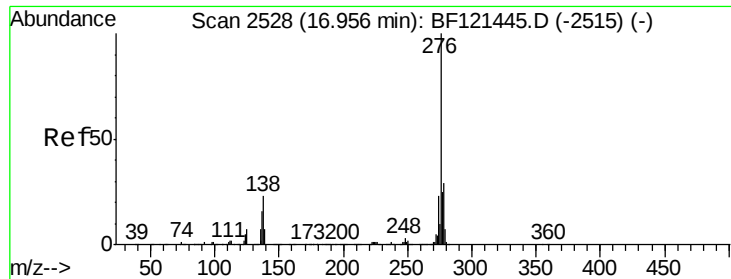
Tot Ion:228 Resp: 1172904
Ion Ratio Lower Upper
228 100
226 31.4 26.2 39.2
229 23.0 16.6 25.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.02 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

Tgt Ion:264 Resp: 722481
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 23.2 17.8 26.6

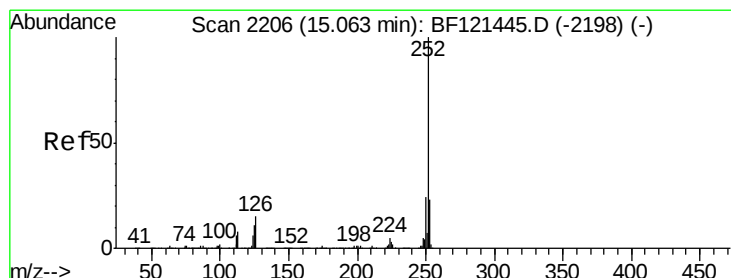
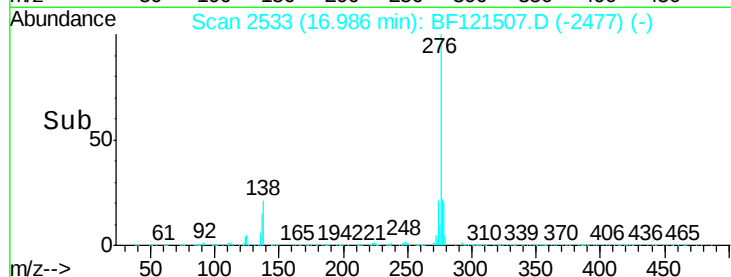
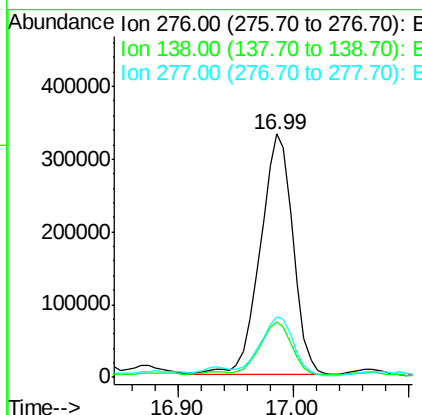
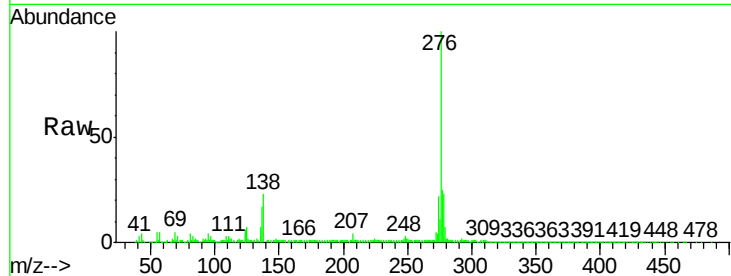




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 14.678 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.03 min
 Lab File: BF121507.D
 Acq: 1 Sep 2020 20:41

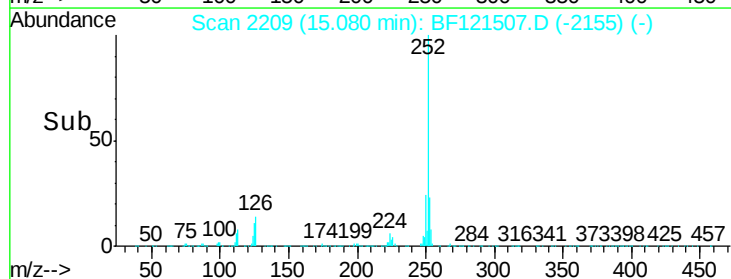
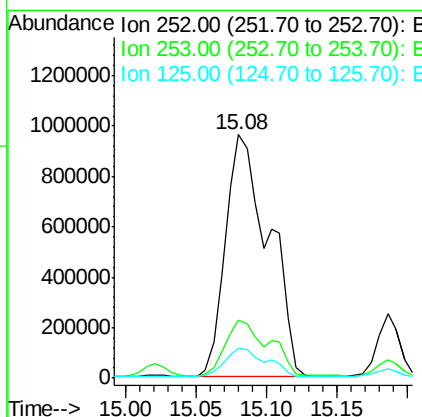
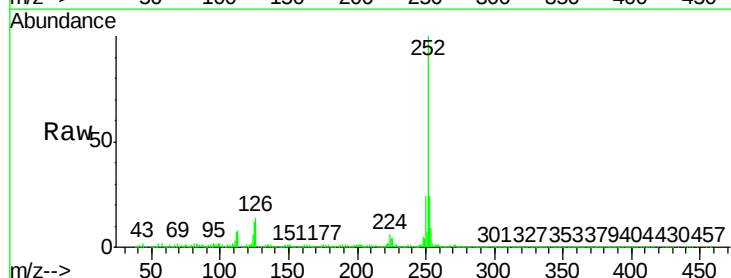
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-BH-01-B

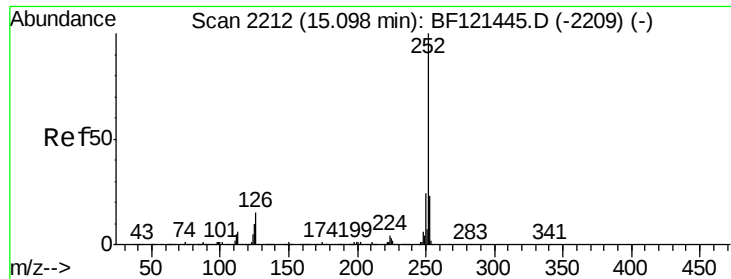
Tot Ion:276 Resp: 652471
 Ion Ratio Lower Upper
 276 100
 138 21.4 20.6 31.0
 277 24.8 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 43.728 ng
 RT: 15.08 min Scan# 2209
 Delta R.T. 0.02 min
 Lab File: BF121507.D
 Acq: 1 Sep 2020 20:41

Tgt Ion:252 Resp: 2055080
 Ion Ratio Lower Upper
 252 100
 253 23.9 18.3 27.5
 125 12.1 9.2 13.8

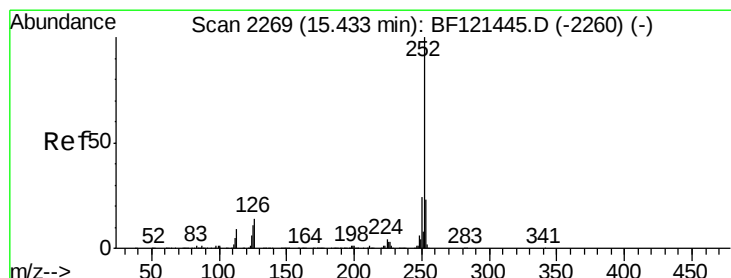
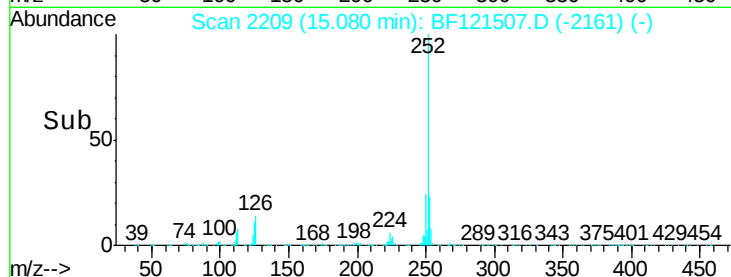
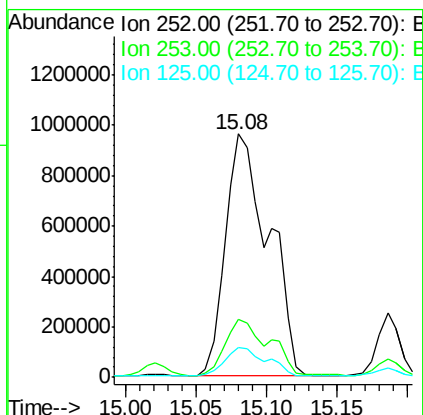
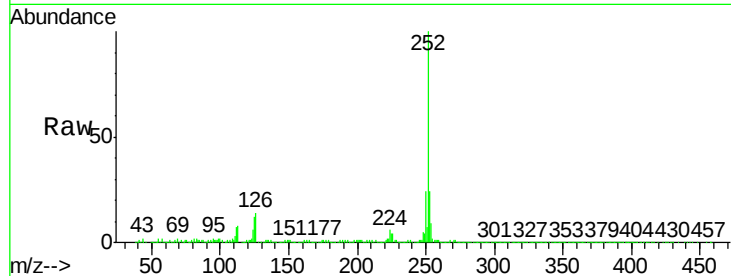




#89
Benzo(k)fluoranthene
Concen: 47.012 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

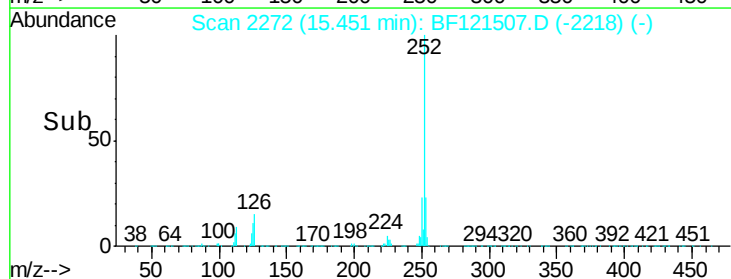
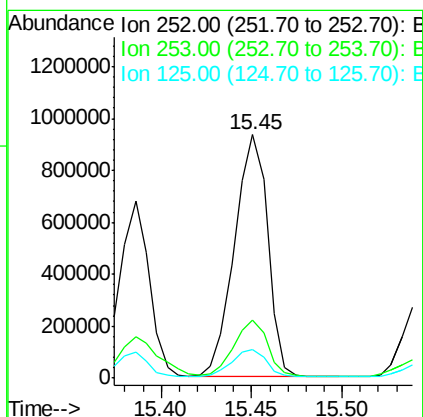
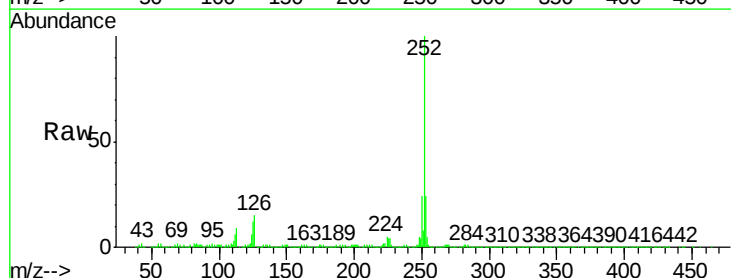
Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-B

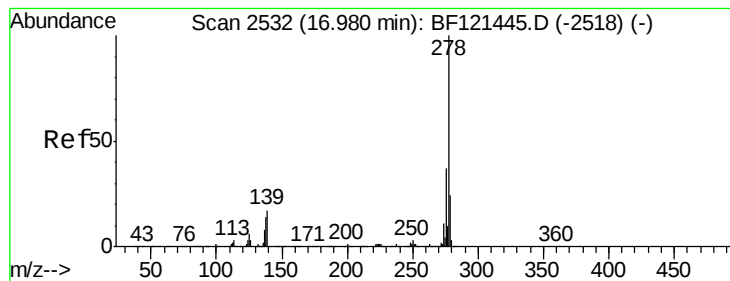
Tot Ion:252 Resp: 2055080
Ion Ratio Lower Upper
252 100
253 23.9 18.3 27.5
125 12.1 8.5 12.7



#90
Benzo(a)pyrene
Concen: 28.258 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF121507.D
Acq: 1 Sep 2020 20:41

Tgt Ion:252 Resp: 1194193
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 12.0 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 4.984 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

Instrument :

BNA_F

ClientSampleId :

LINDEN-BH-01-B

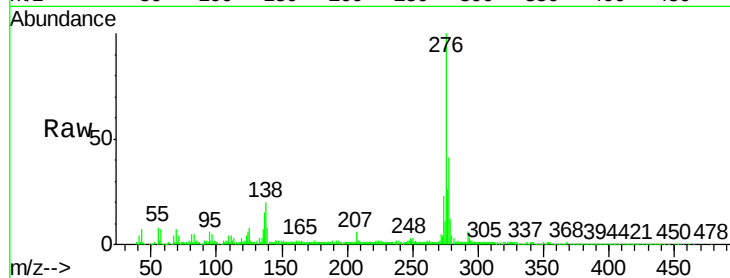
Tot Ion:278 Resp: 181362

Ion Ratio Lower Upper

278 100

139 19.6 13.3 19.9

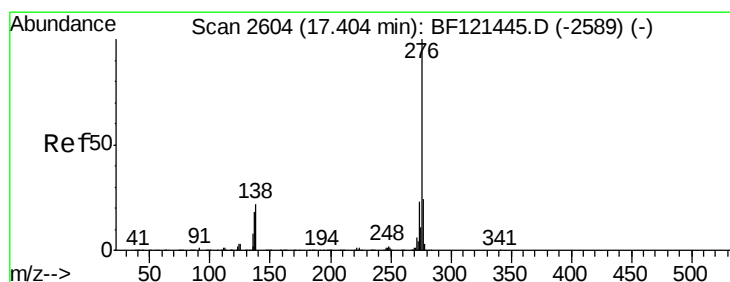
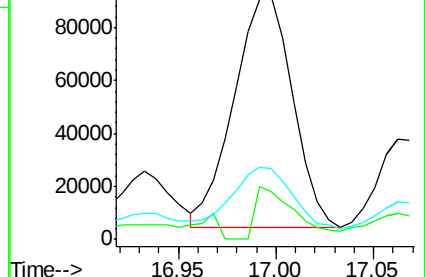
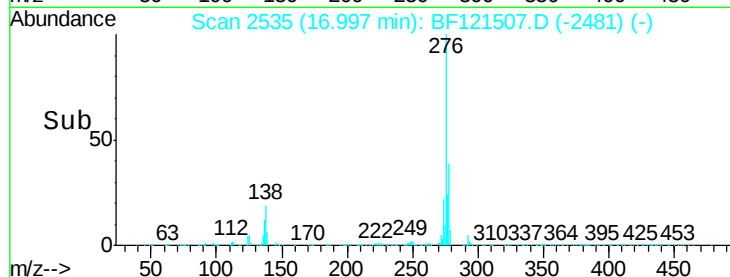
279 28.9 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 16.623 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.03 min

Lab File: BF121507.D

Acq: 1 Sep 2020 20:41

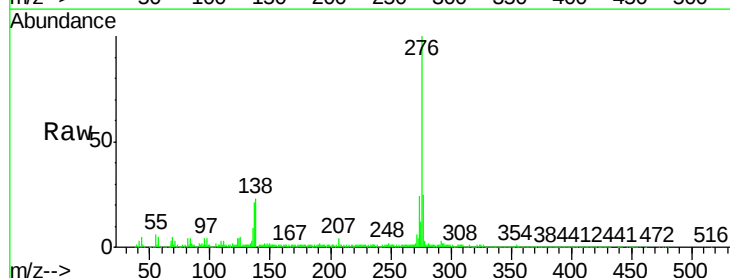
Tgt Ion:276 Resp: 582698

Ion Ratio Lower Upper

276 100

277 25.0 18.9 28.3

138 23.3 17.4 26.0



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

