

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121491.D
 Acq On : 31 Aug 2020 22:05
 Operator : JU/CG
 Sample : L3847-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-08-B

Quant Time: Sep 01 00:34:36 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	304631	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1117621	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	527137	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	855498	20.00	ng	0.00
76) Chrysene-d12	14.04	240	607011	20.00	ng	0.01
86) Perylene-d12	15.52	264	628513	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	170225	9.38	ng	0.00
7) Phenol-d6	6.48	99	223451	8.81	ng	-0.01
23) Nitrobenzene-d5	7.42	82	134062	8.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	47658	8.95	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	284585	8.71	ng	0.00
79) Terphenyl-d14	12.97	244	222768	7.73	ng	0.00

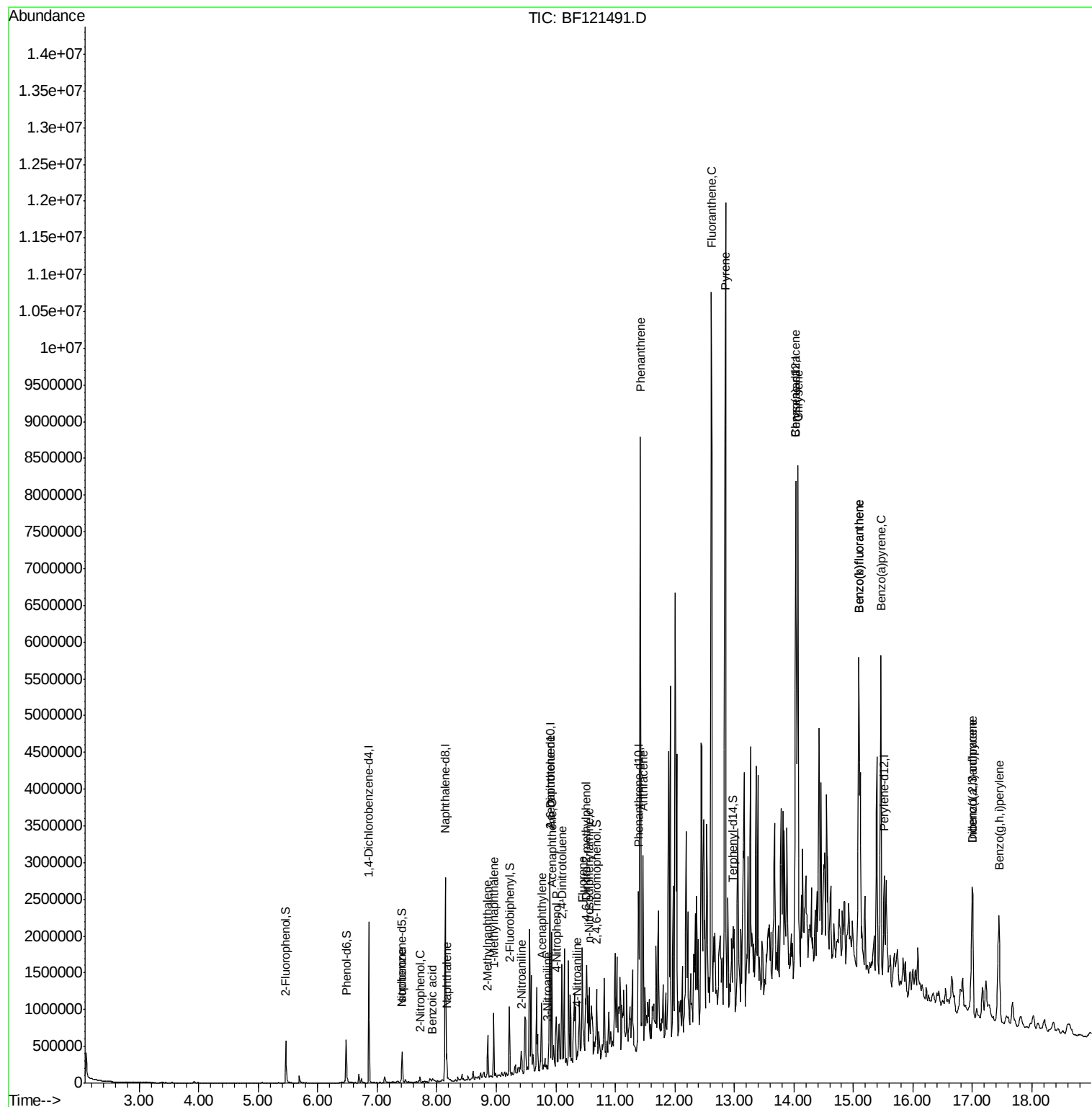
Target Compounds				Qvalue		
9) Benzaldehyde	6.41	77	2807	Below Cal		86
25) Isophorone	7.42	82	130625	3.553 ng	#	65
26) 2-Nitrophenol	7.72	139	216	4.788 ng	#	1
31) Naphthalene	8.17	128	140790	2.537 ng		98
32) Benzoic acid	7.93	122	685	6.752 ng	#	24
37) 2-Methylnaphthalene	8.86	142	138446	3.766 ng		99
38) 1-Methylnaphthalene	8.96	142	202168	5.824 ng		99
48) 2-Nitroaniline	9.43	65	1396	6.779 ng	#	43
49) Acenaphthylene	9.76	152	201193	4.102 ng	#	94
51) 2,6-Dinitrotoluene	9.90	165	89096	17.792 ng	#	26
52) Acenaphthene	9.93	154	329027	10.625 ng		96
53) 3-Nitroaniline	9.86	138	1034	5.558 ng	#	51
54) 2,4-Dinitrophenol	10.05	184	226	Below Cal	#	1
56) 4-Nitrophenol	10.00	139	17614	10.128 ng	#	39
57) 2,4-Dinitrotoluene	10.10	165	13154	8.612 ng	#	51
58) Fluorene	10.45	166	359254	10.594 ng		99
62) 4-Nitroaniline	10.36	138	1522	4.691 ng		89
65) 4,6-Dinitro-2-methylphenol	10.52	198	381	5.654 ng	#	1
66) n-Nitrosodiphenylamine	10.56	169	120963	4.471 ng	#	85
71) Phenanthrene	11.42	178	3408655	77.642 ng		98
72) Anthracene	11.47	178	1016167	23.533 ng		97
75) Fluoranthene	12.62	202	4586484	96.934 ng		97
78) Pyrene	12.85	202	6177205	142.491 ng		93
81) Benzo(a)anthracene	14.03	228	3037196	81.965 ng		94
83) Chrysene	14.07	228	3188387	86.005 ng		96
87) Indeno(1,2,3-cd)pyrene	17.00	276	1227184	31.734 ng		97
88) Benzo(b)fluoranthene	15.09	252	3764806	92.084 ng		99
89) Benzo(k)fluoranthene	15.09	252	3764806	99.001 ng		98
90) Benzo(a)pyrene	15.46	252	2437634	66.306 ng		98
91) Dibenzo(a,h)anthracene	17.00	278	353906	11.180 ng		93
92) Benzo(g,h,i)perylene	17.44	276	1265638	41.505 ng		97

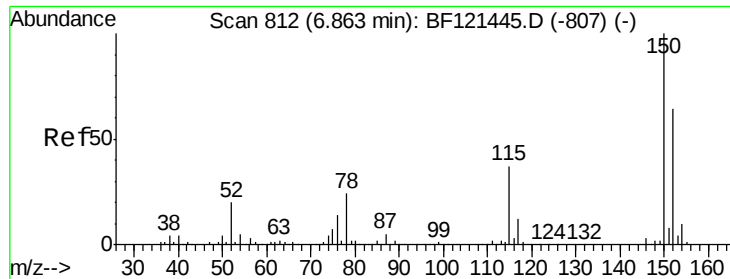
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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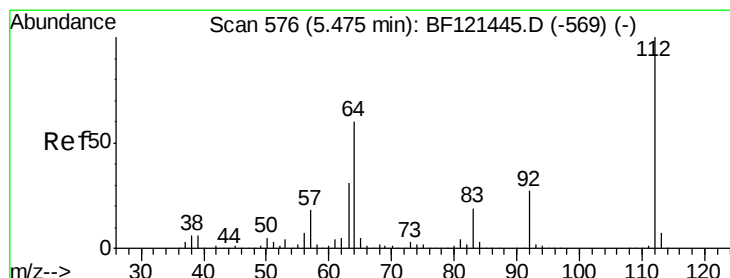
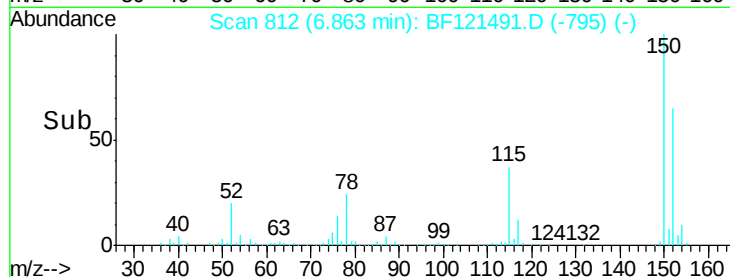
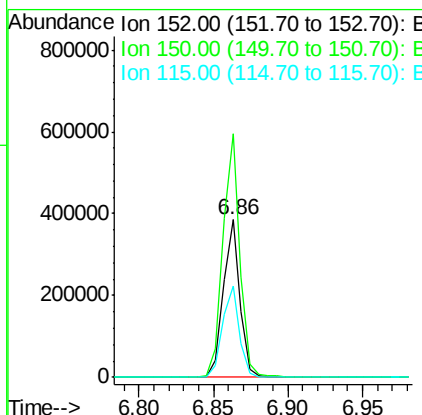
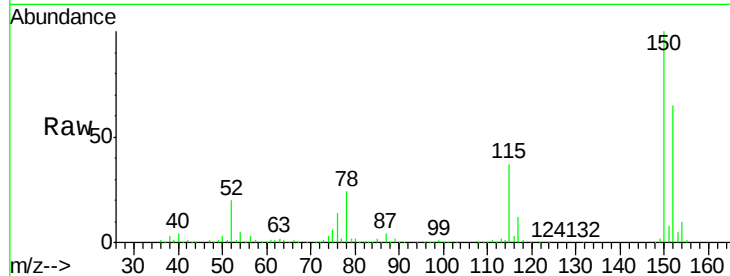




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF121491.D
 Acq: 31 Aug 2020 22:05

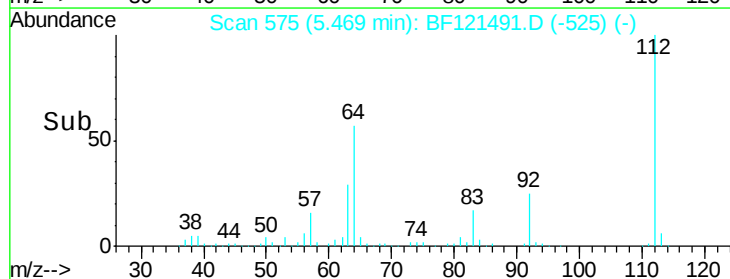
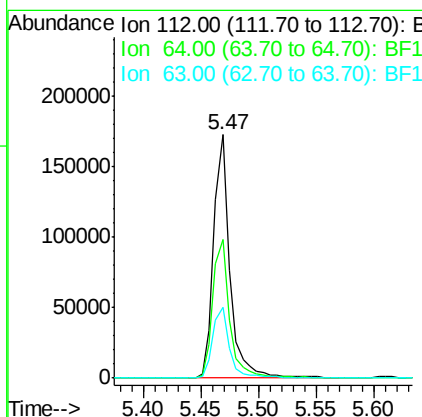
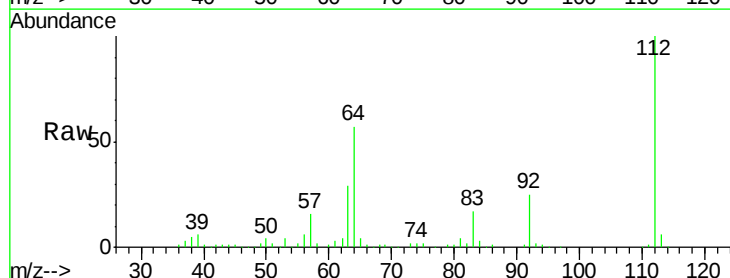
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-08-B

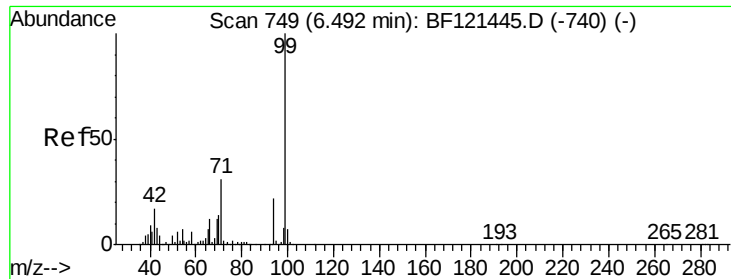
Tot Ion:152 Resp: 304631
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.8 188.6
 115 57.7 46.6 69.8



#5
 2-Fluorophenol
 Concen: 9.375 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF121491.D
 Acq: 31 Aug 2020 22:05

Tgt Ion:112 Resp: 170225
 Ion Ratio Lower Upper
 112 100
 64 56.7 48.2 72.2
 63 29.0 24.8 37.2





#7

Phenol-d6

Concen: 8.806 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-08-B

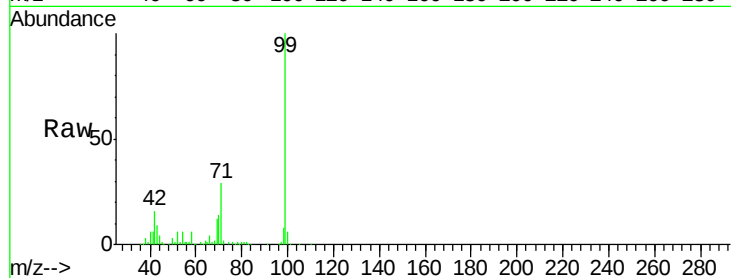
Tot Ion: 99 Resp: 223451

Ion Ratio Lower Upper

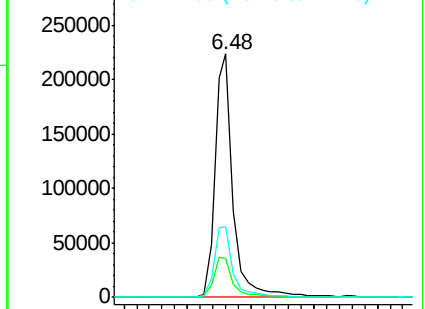
99 100

42 16.1 13.5 20.3

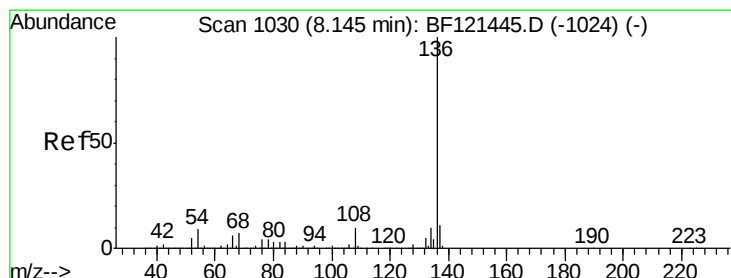
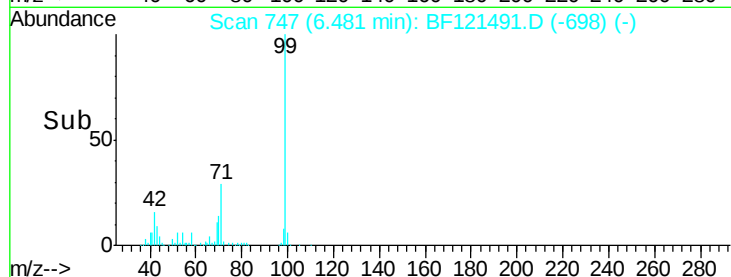
71 29.3 24.6 37.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Tgt Ion: 136 Resp: 1117621

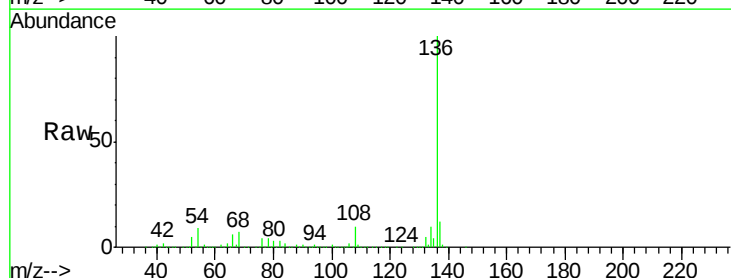
Ion Ratio Lower Upper

136 100

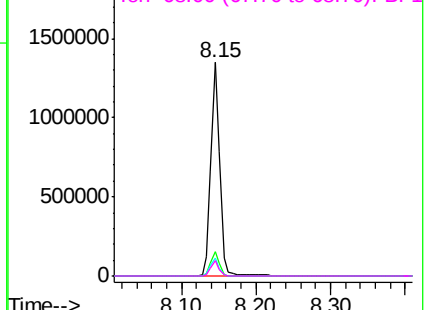
137 11.5 9.1 13.7

54 8.5 7.0 10.4

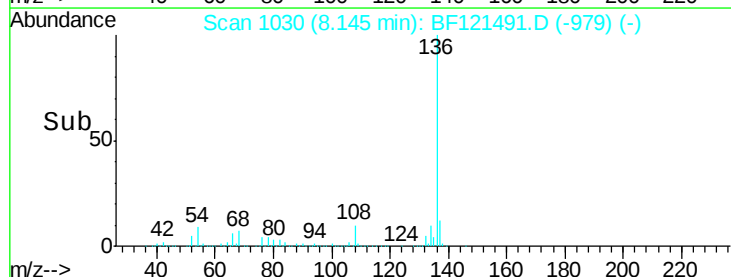
68 7.1 5.5 8.3

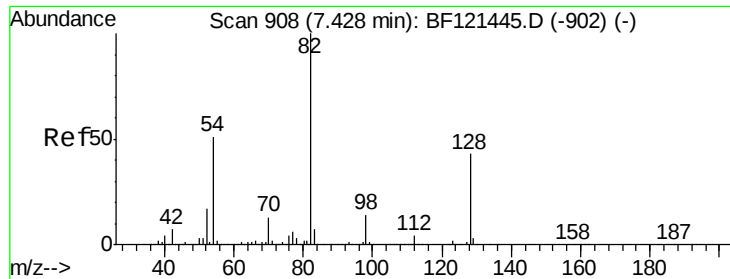


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

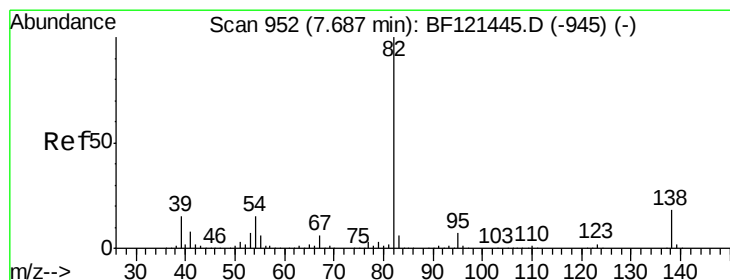
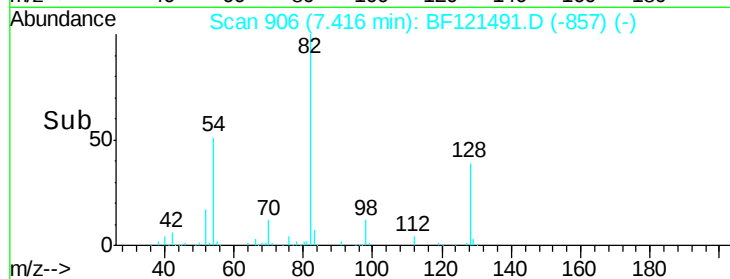
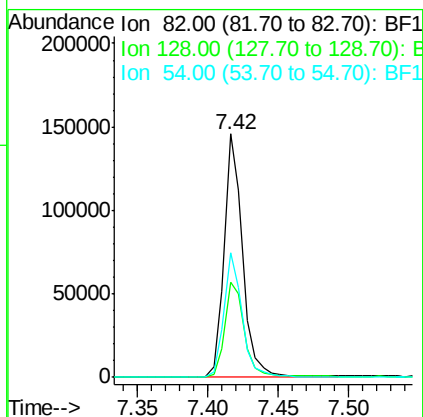
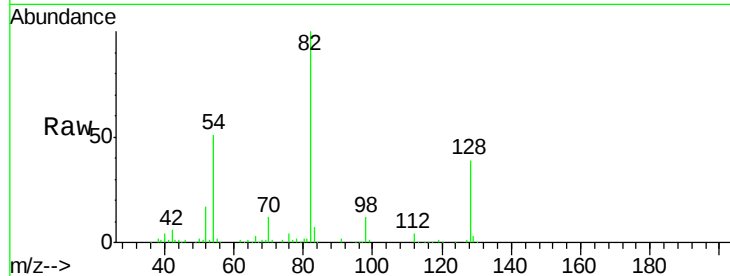




#23
 Nitrobenzene-d5
 Concen: 8.201 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF121491.D
 Acq: 31 Aug 2020 22:05

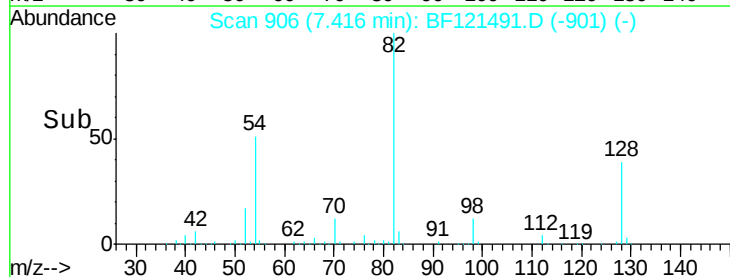
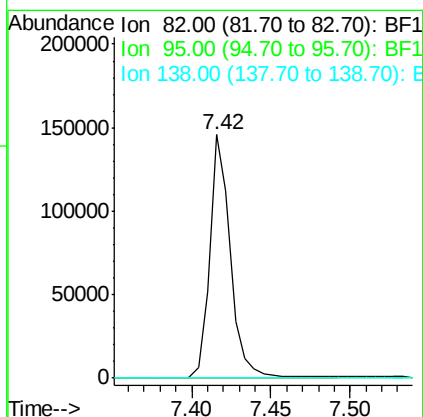
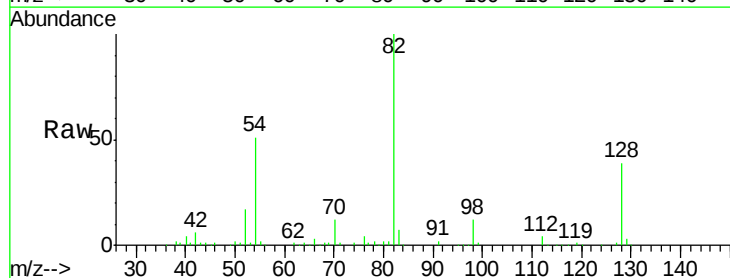
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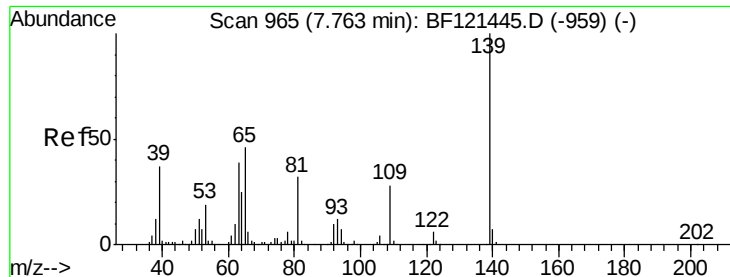
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	34.1	51.1
54	51.1	41.0	61.6



#25
 Isophorone
 Concen: 3.553 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.27 min
 Lab File: BF121491.D
 Acq: 31 Aug 2020 22:05

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.6	8.4#
138	0.0	14.8	22.2#

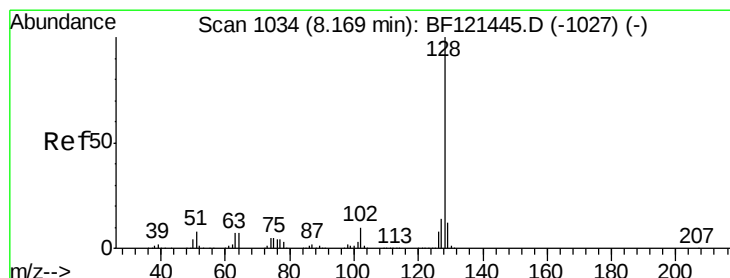
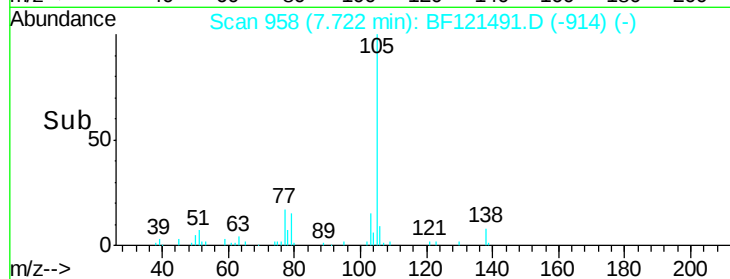
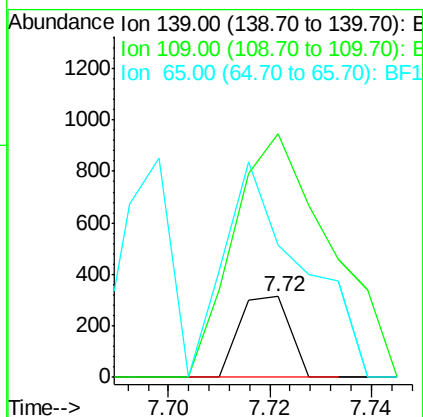
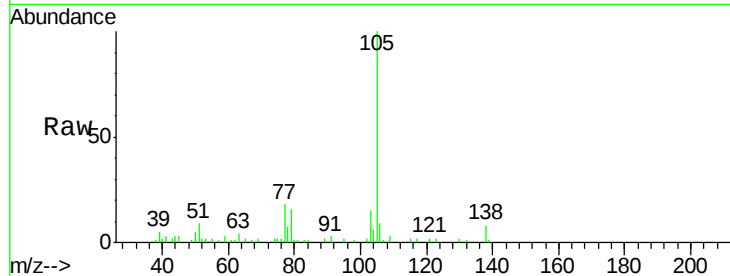




#26
2-Nitrophenol
Concen: 4.788 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.04 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

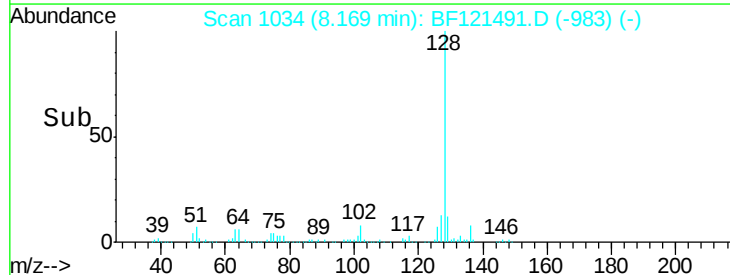
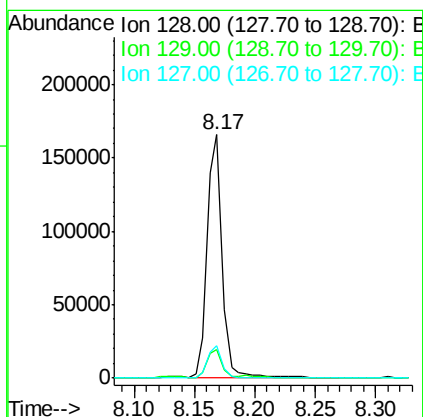
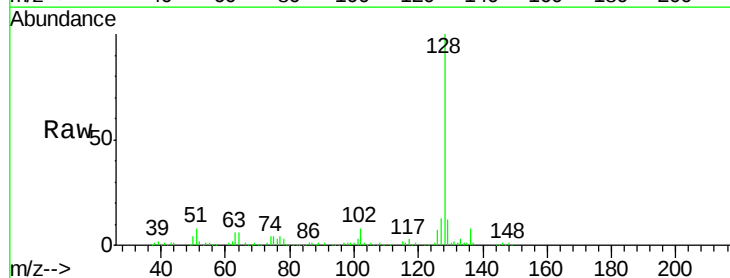
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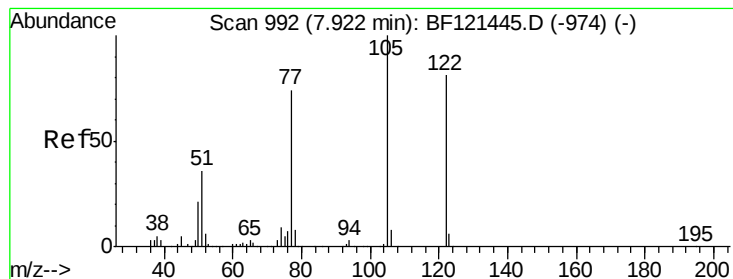
Tot Ion	Ratio	Lower	Upper
139	100		
109	302.2	22.1	33.1#
65	164.5	37.2	55.8#



#31
Naphthalene
Concen: 2.537 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.2	11.4	17.2





#32

Benzoic acid

Concen: 6.752 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-08-B

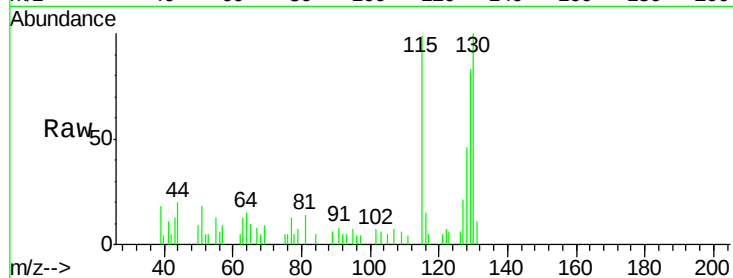
Tot Ion:122 Resp: 685

Ion Ratio Lower Upper

122 100

105 71.4 100.8 140.8#

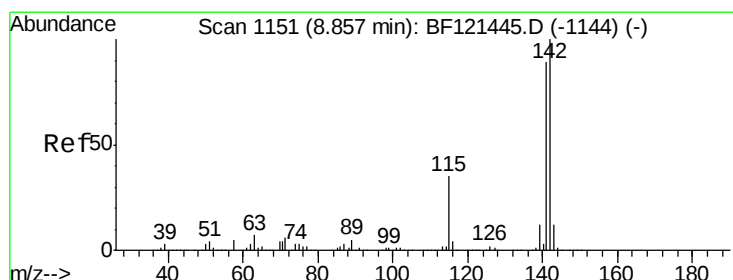
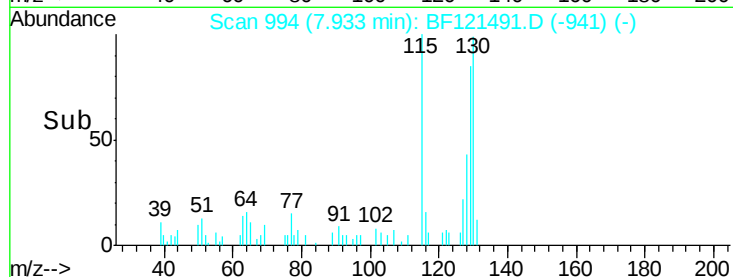
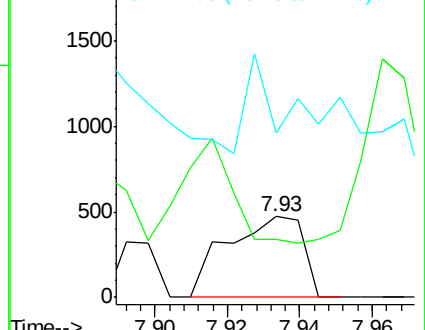
77 204.0 71.5 111.5#



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



#37

2-Methylnaphthalene

Concen: 3.766 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

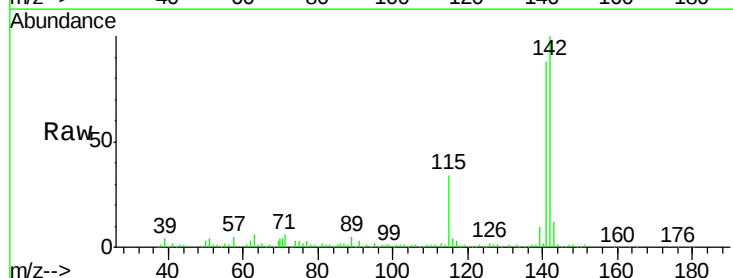
Tgt Ion:142 Resp: 138446

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

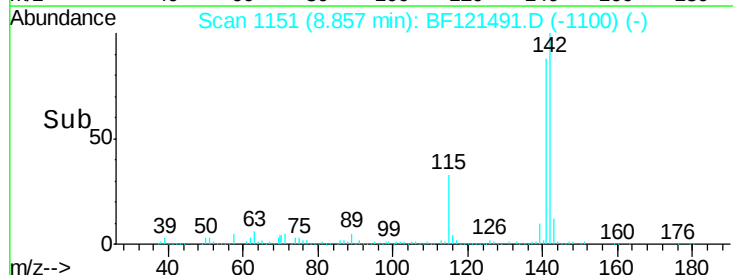
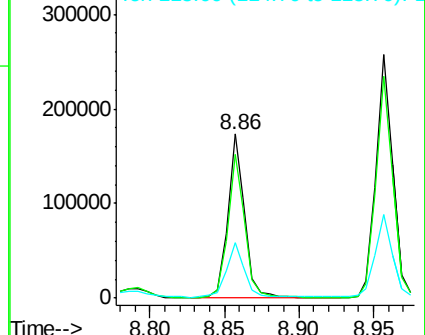
115 33.9 28.2 42.4

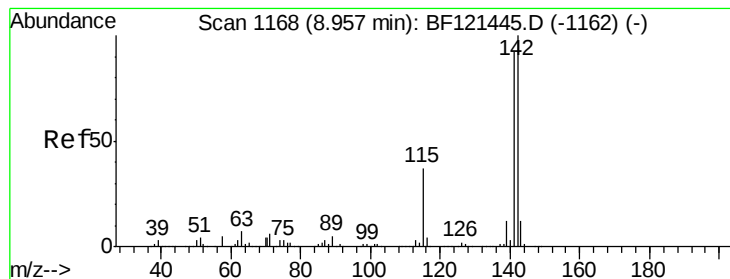


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 5.824 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

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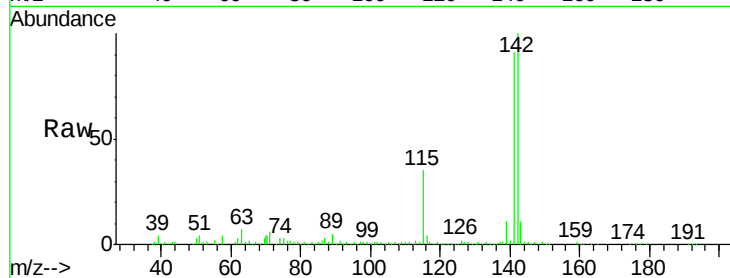
Tot Ion:142 Resp: 202168

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5

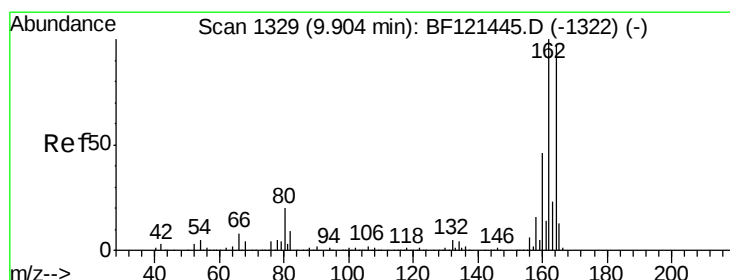
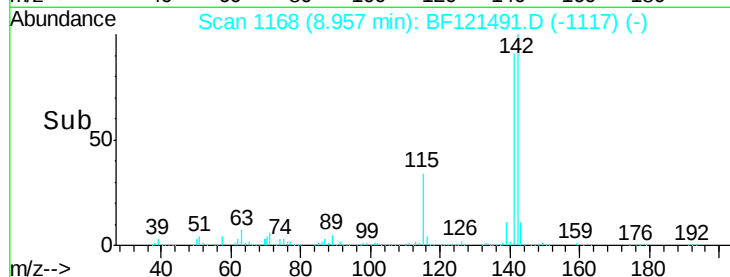
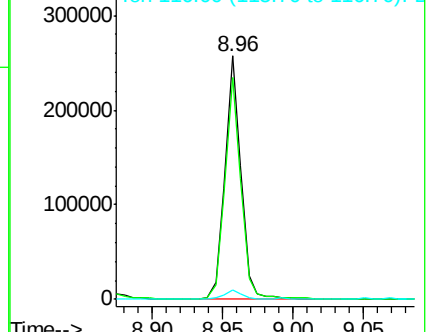
116 4.0 3.1 4.7



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: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

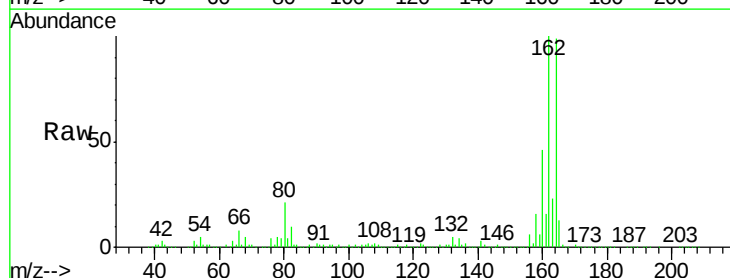
Tgt Ion:164 Resp: 527137

Ion Ratio Lower Upper

164 100

162 101.3 82.4 123.6

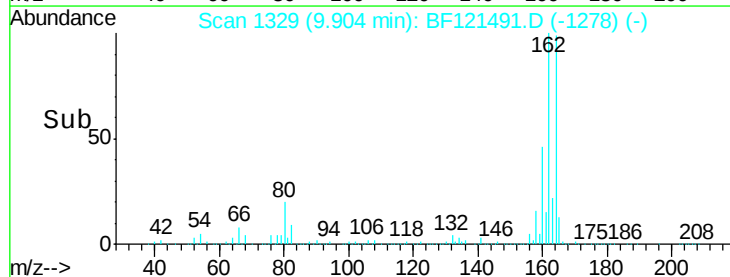
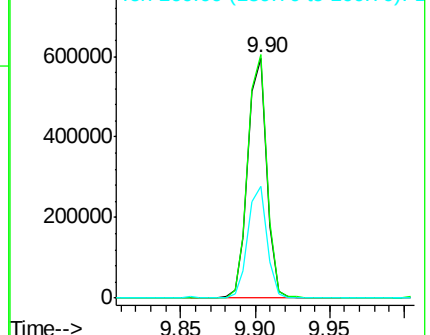
160 46.7 37.6 56.4

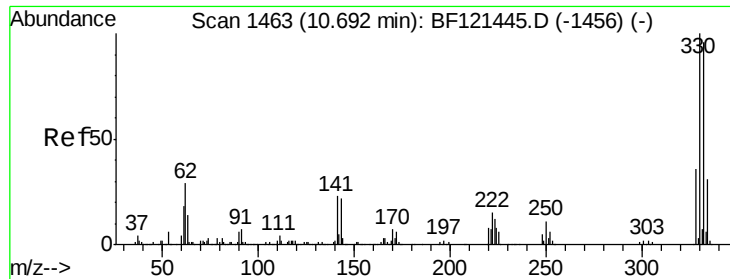


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

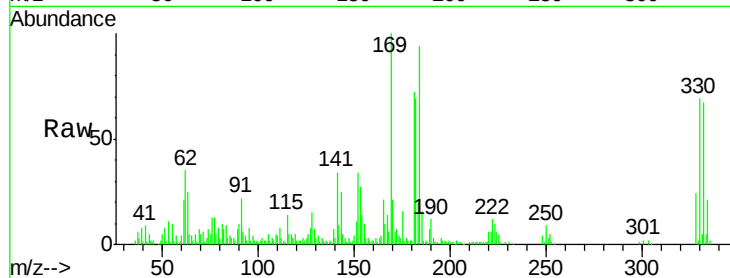




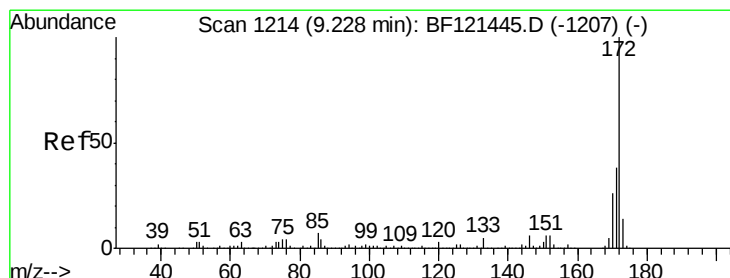
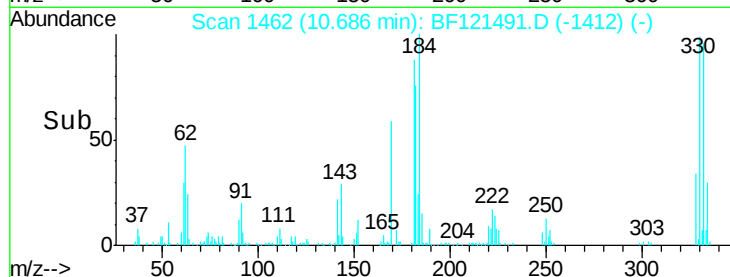
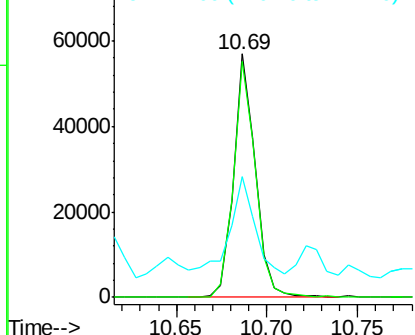
#42
 2,4,6-Tribromophenol
 Concen: 8.951 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF121491.D
 Acq: 31 Aug 2020 22:05

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-08-B

Tot Ion:330 Resp: 47658
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.2 114.2
 141 45.0 24.6 36.8#

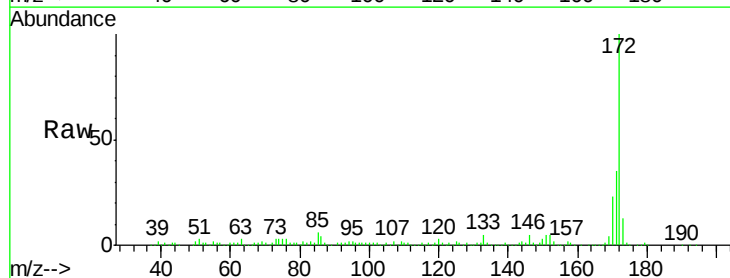


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

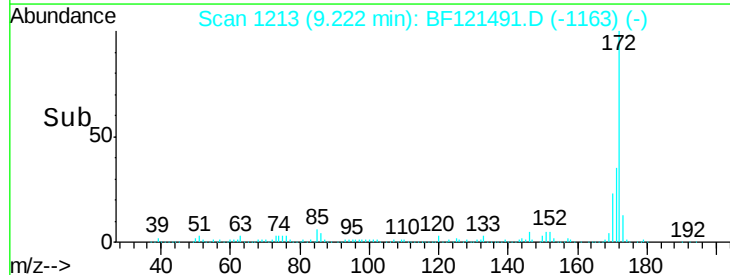
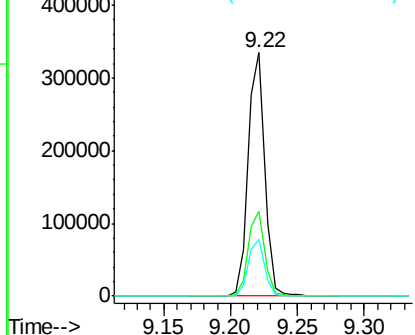


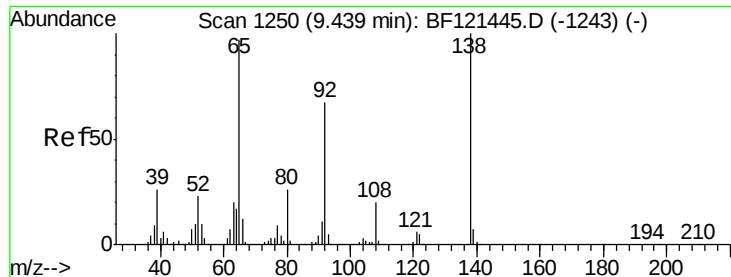
#45
 2-Fluorobiphenyl
 Concen: 8.711 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121491.D
 Acq: 31 Aug 2020 22:05

Tgt Ion:172 Resp: 284585
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.6 45.8
 170 23.2 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: 6.779 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-08-B

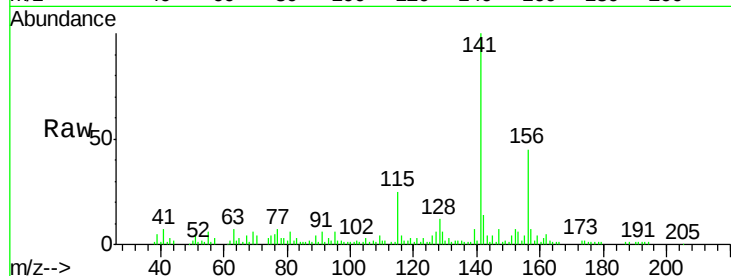
Tot Ion: 65 Resp: 1396

Ion Ratio Lower Upper

65 100

92 38.2 55.6 83.4#

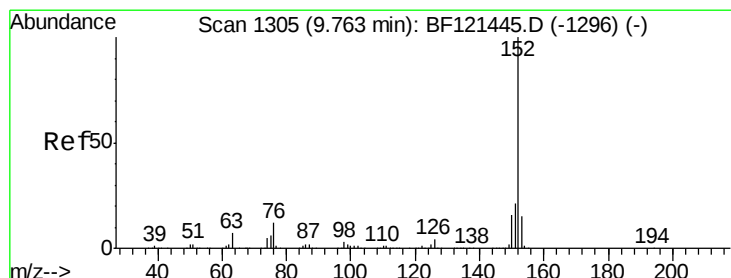
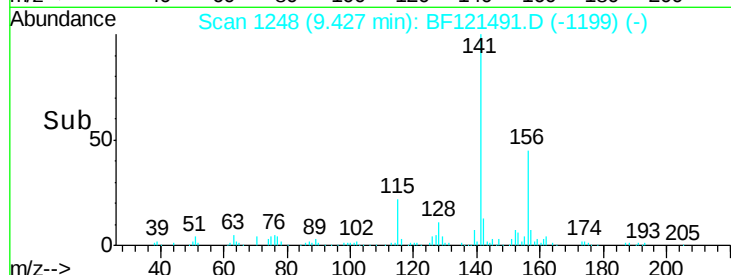
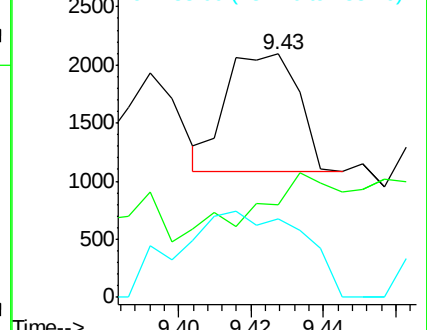
138 32.3 82.9 124.3#



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): BF1



#49

Acenaphthylene

Concen: 4.102 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

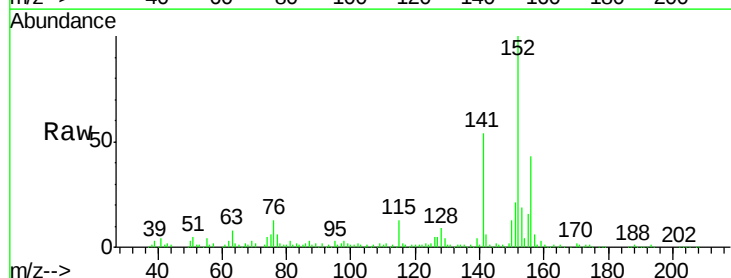
Tgt Ion: 152 Resp: 201193

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

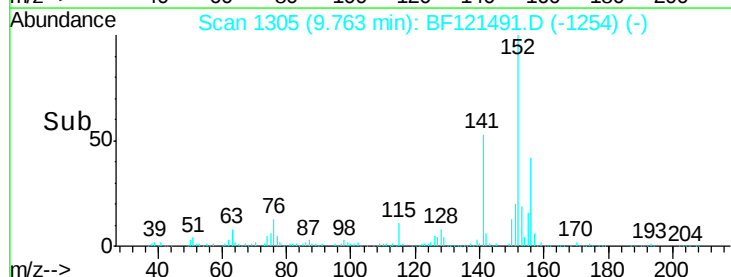
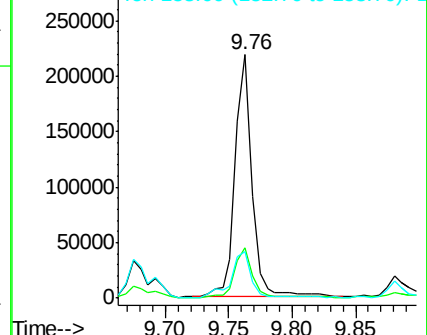
153 19.2 11.6 17.4#

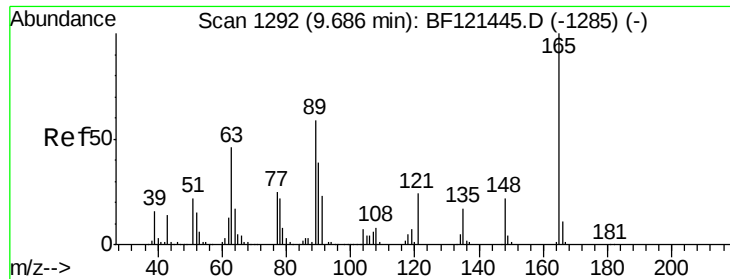


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

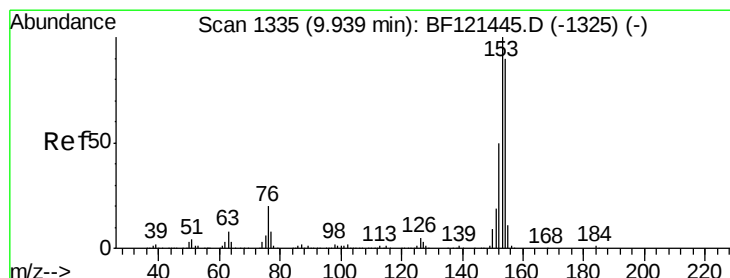
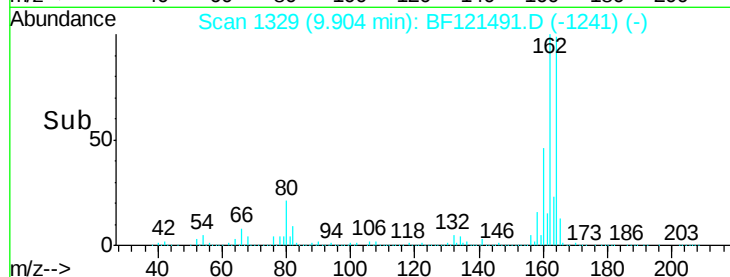
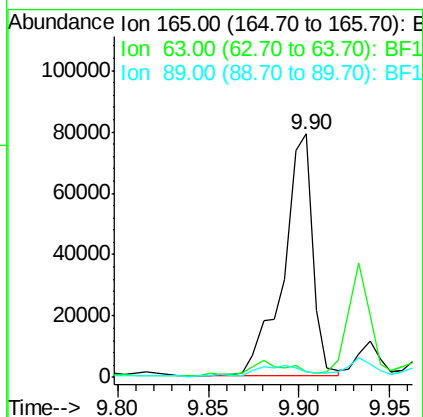
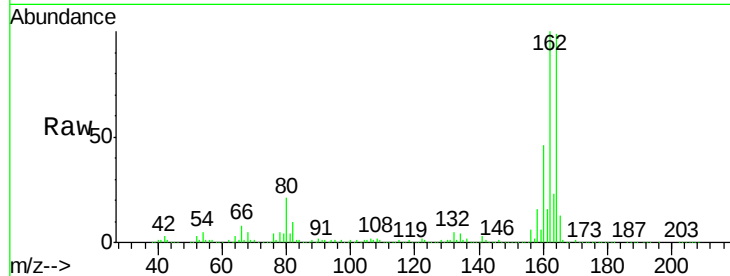




#51
 2,6-Dinitrotoluene
 Concen: 17.792 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.22 min
 Lab File: BF121491.D
 Acq: 31 Aug 2020 22:05

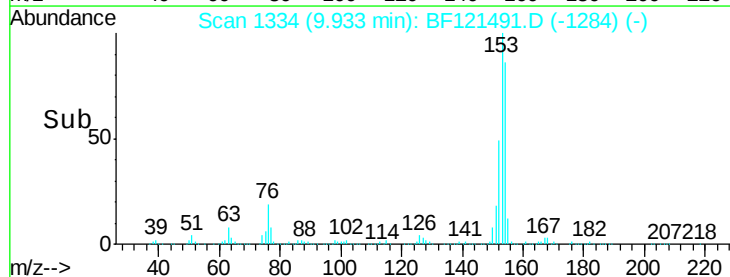
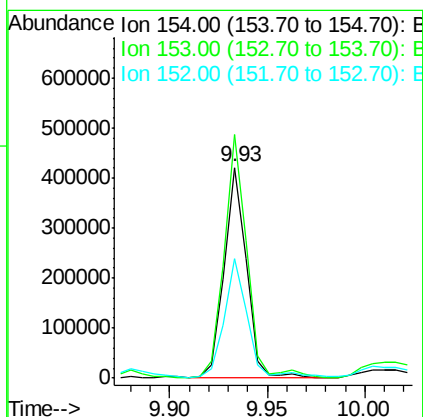
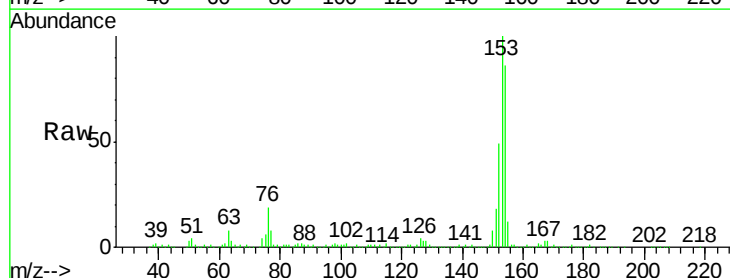
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-08-B

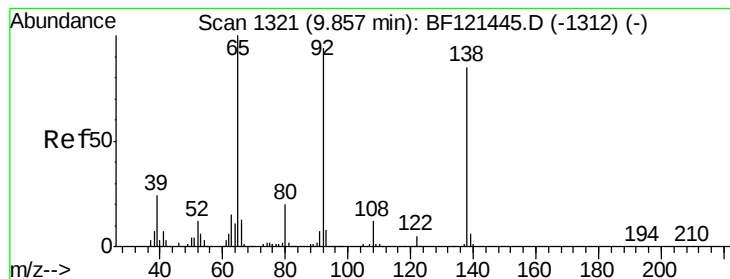
Tot Ion:165 Resp: 89096
 Ion Ratio Lower Upper
 165 100
 63 2.3 43.6 65.4#
 89 2.1 47.4 71.2#



#52
 Acenaphthene
 Concen: 10.625 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF121491.D
 Acq: 31 Aug 2020 22:05

Tgt Ion:154 Resp: 329027
 Ion Ratio Lower Upper
 154 100
 153 115.7 88.9 133.3
 152 56.5 44.1 66.1





#53

3-Nitroaniline

Concen: 5.558 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-08-B

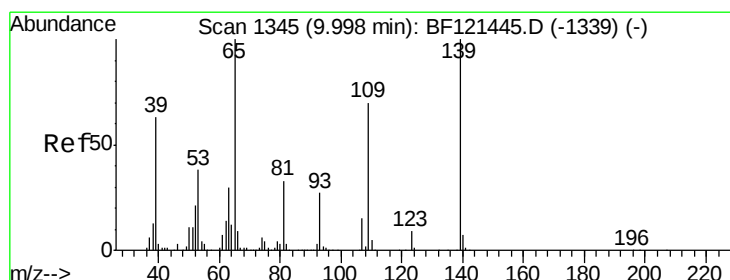
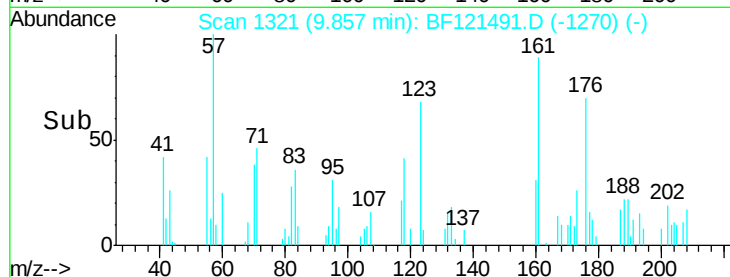
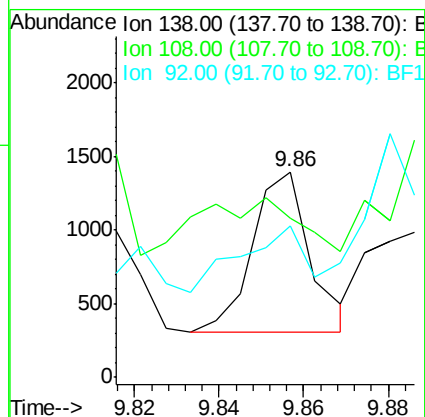
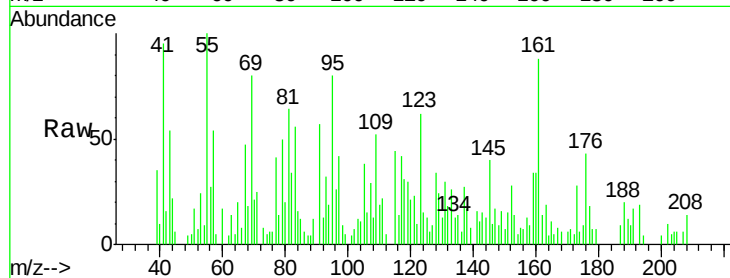
Tot Ion:138 Resp: 1034

Ion Ratio Lower Upper

138 100

108 77.4 11.6 17.4#

92 73.7 88.6 132.8#



#56

4-Nitrophenol

Concen: 10.128 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

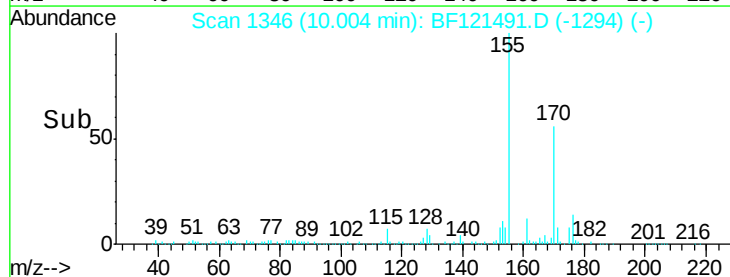
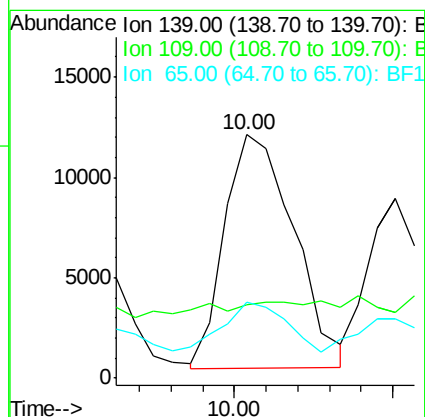
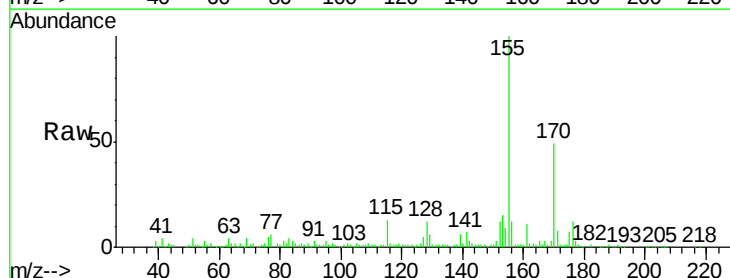
Tgt Ion:139 Resp: 17614

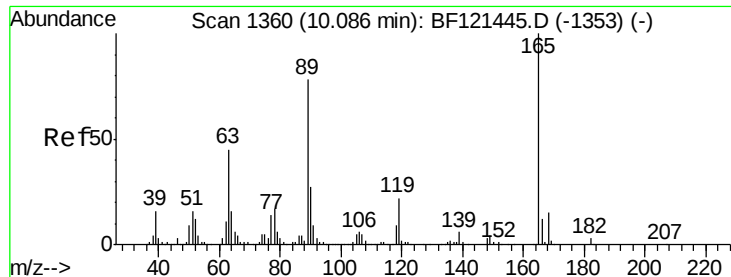
Ion Ratio Lower Upper

139 100

109 30.0 50.5 90.5#

65 31.3 80.2 120.2#

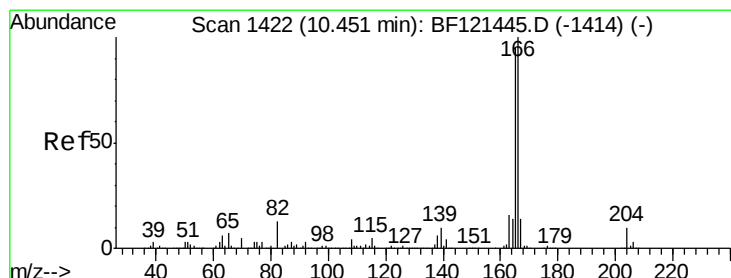
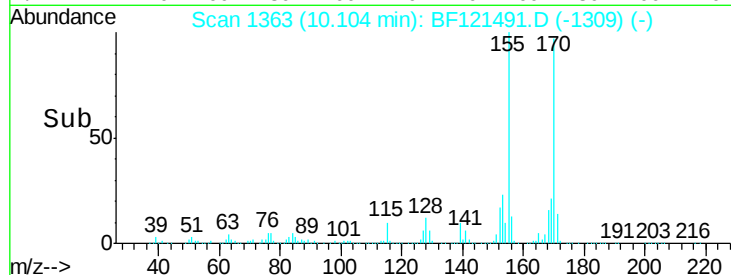
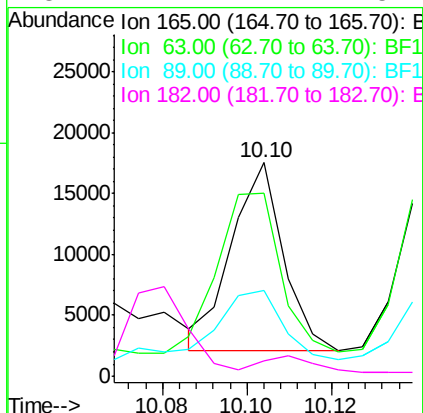
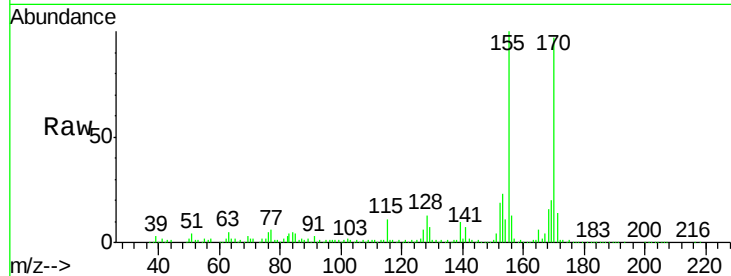




#57
 2,4-Dinitrotoluene
 Concen: 8.612 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.02 min
 Lab File: BF121491.D
 Acq: 31 Aug 2020 22:05

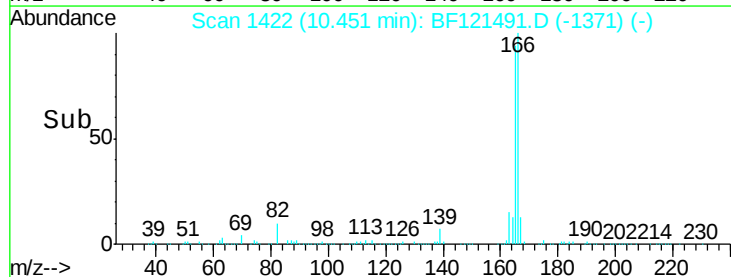
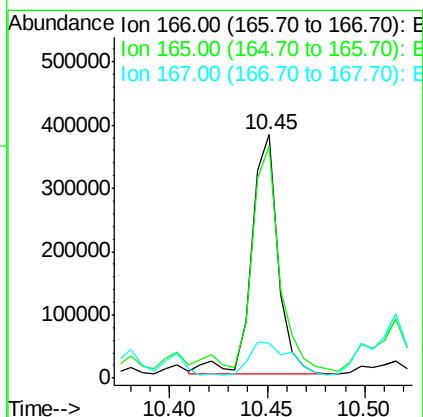
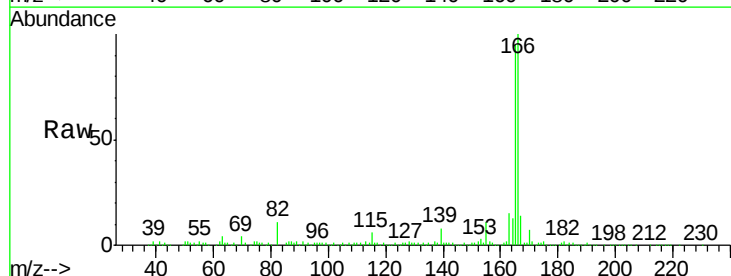
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-08-B

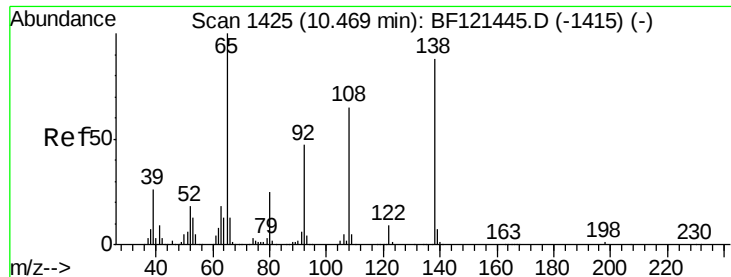
Tot Ion:165 Resp: 13154
 Ion Ratio Lower Upper
 165 100
 63 85.7 36.0 54.0#
 89 40.4 62.6 93.8#
 182 7.2 2.2 3.2#



#58
 Fluorene
 Concen: 10.594 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF121491.D
 Acq: 31 Aug 2020 22:05

Tgt Ion:166 Resp: 359254
 Ion Ratio Lower Upper
 166 100
 165 95.3 75.7 113.5
 167 14.4 11.1 16.7

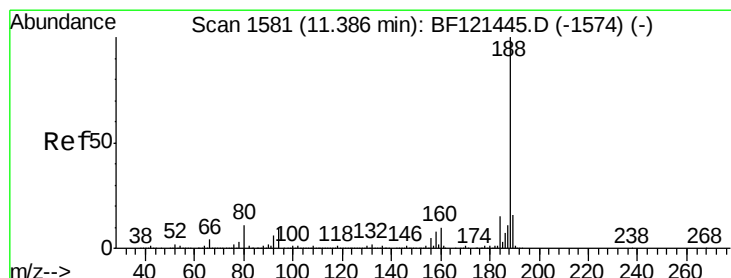
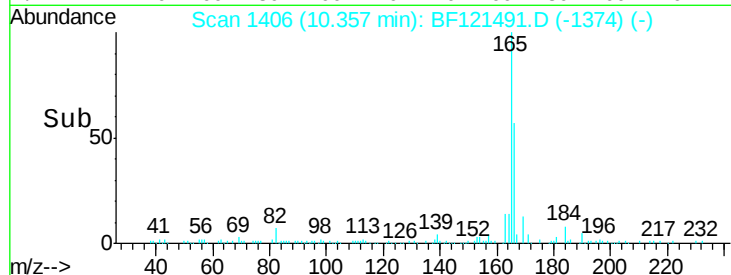
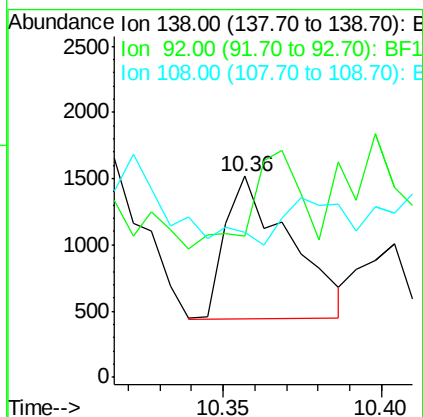
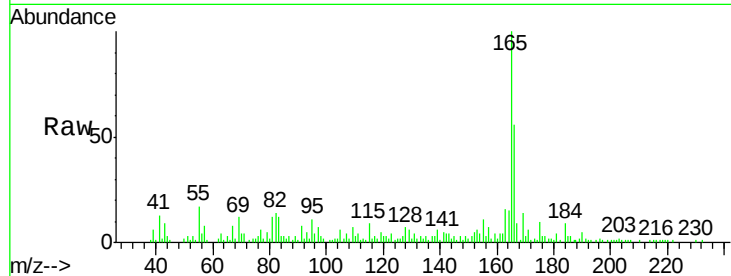




#62
4-Nitroaniline
Concen: 4.691 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.11 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

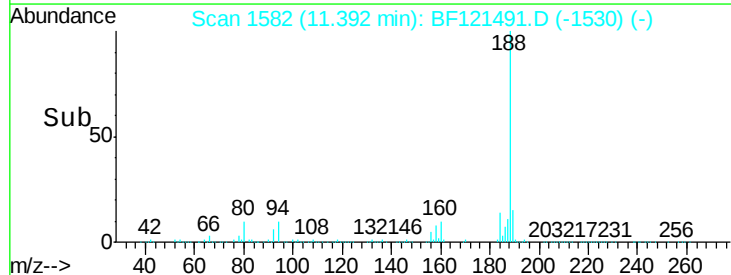
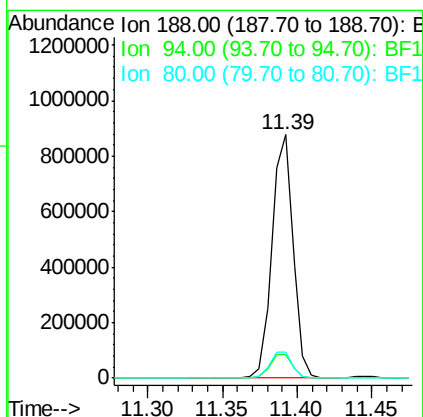
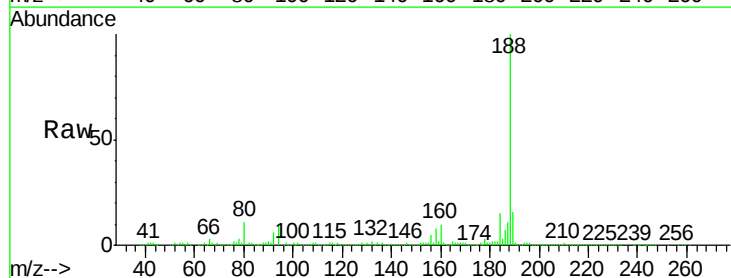
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-08-B

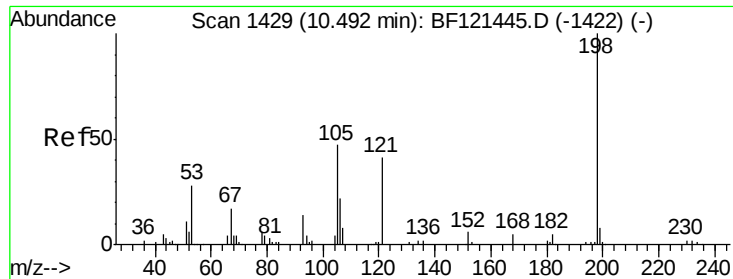
Tot Ion:138 Resp: 1522
Ion Ratio Lower Upper
138 100
92 70.3 33.2 73.2
108 72.3 53.6 93.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

Tgt Ion:188 Resp: 855498
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.5 8.6 13.0

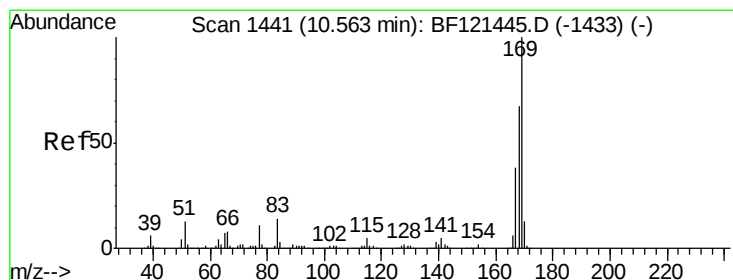
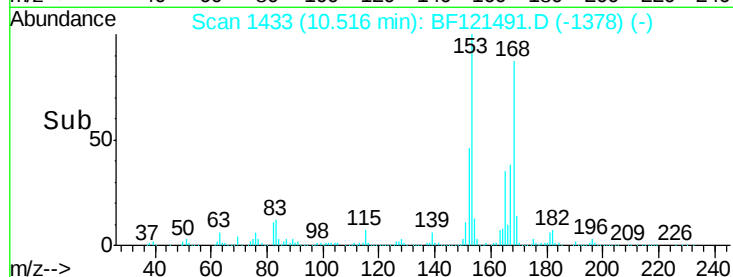
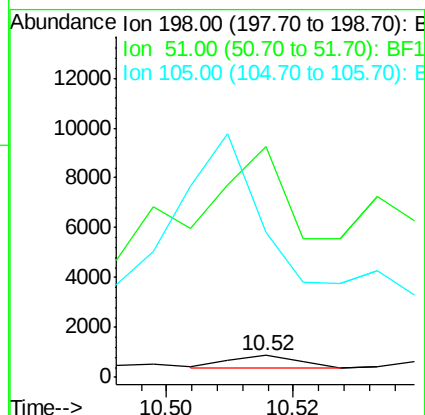
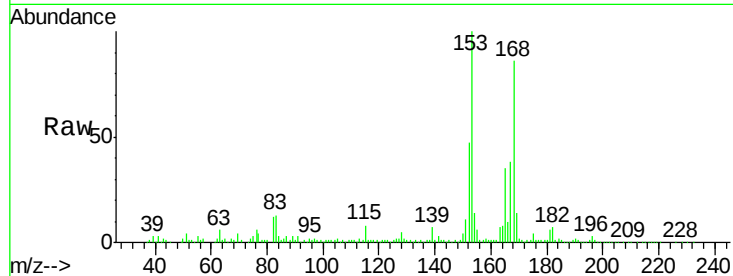




#65
4,6-Dinitro-2-methylphenol
Concen: 5.654 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.02 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

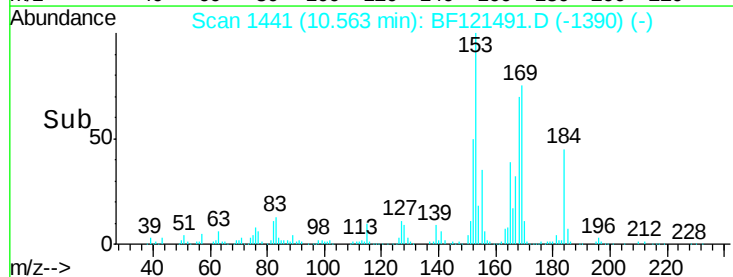
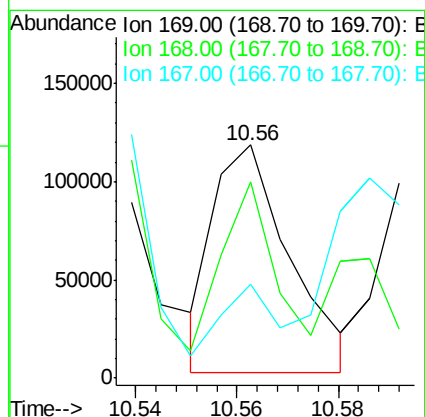
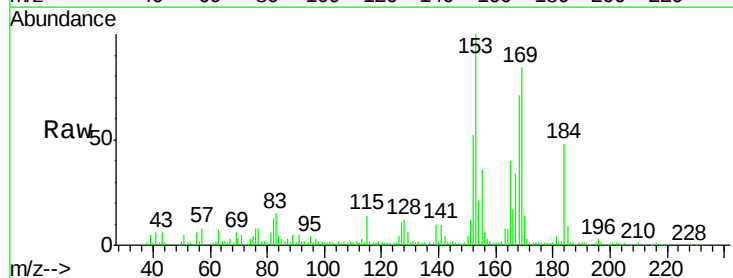
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-08-B

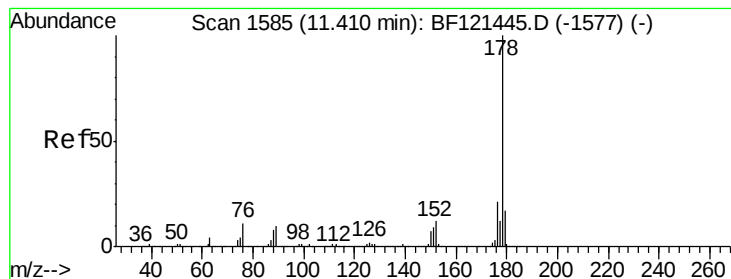
Tot Ion:198 Resp: 381
Ion Ratio Lower Upper
198 100
51 1056.9 29.0 69.0#
105 661.6 29.1 69.1#



#66
n-Nitrosodiphenylamine
Concen: 4.471 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

Tgt Ion:169 Resp: 120963
Ion Ratio Lower Upper
169 100
168 84.4 54.0 81.0#
167 40.3 30.2 45.2





#71

Phenanthrene

Concen: 77.642 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-08-B

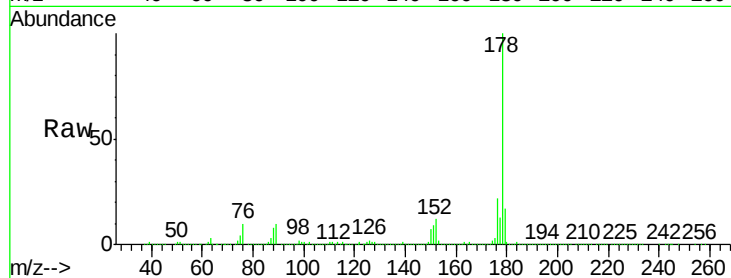
Tot Ion:178 Resp: 3408655

Ion Ratio Lower Upper

178 100

176 22.3 16.9 25.3

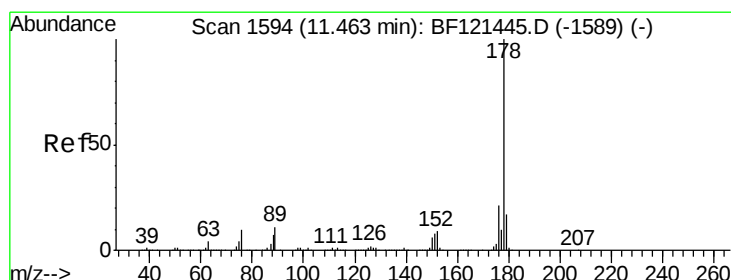
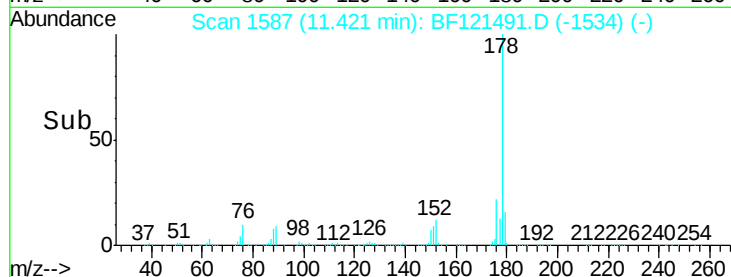
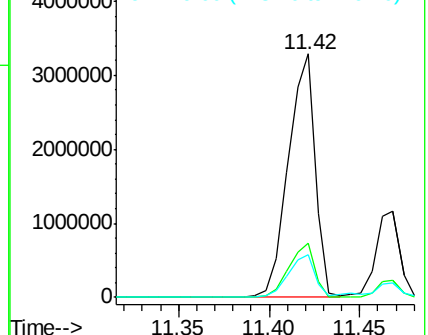
179 17.4 13.4 20.0



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: 23.533 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

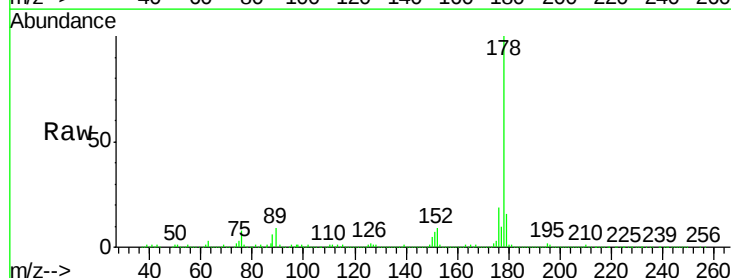
Tgt Ion:178 Resp: 1016167

Ion Ratio Lower Upper

178 100

176 19.2 16.7 25.1

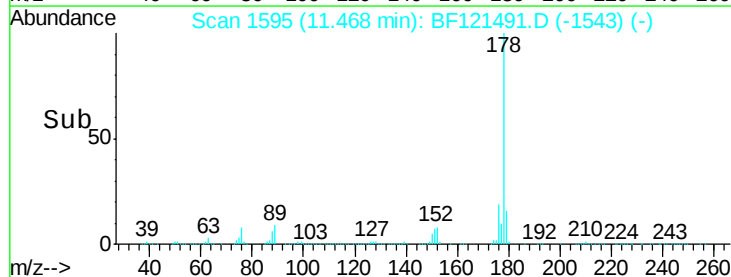
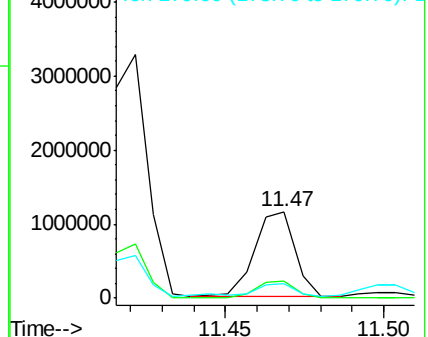
179 16.1 13.4 20.2

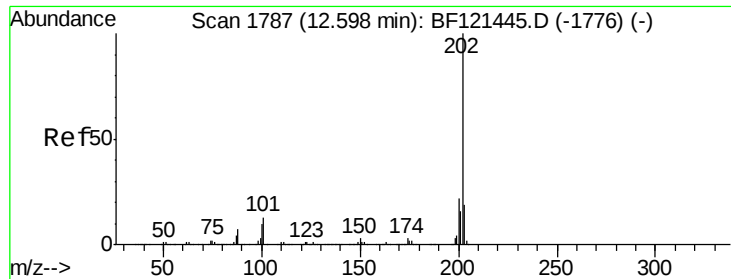


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 96.934 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.02 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-08-B

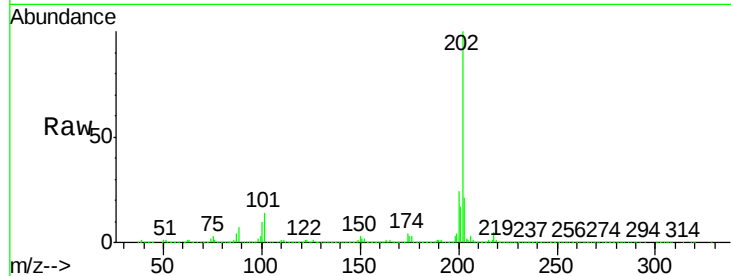
Tot Ion:202 Resp: 4586484

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.3

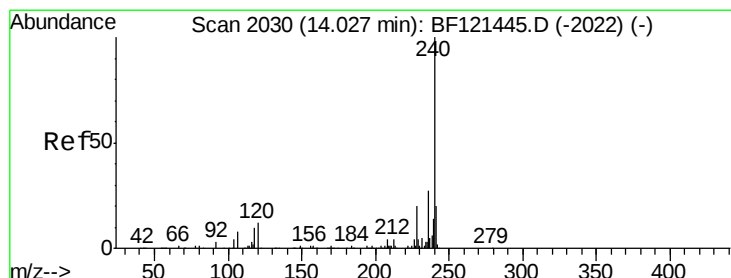
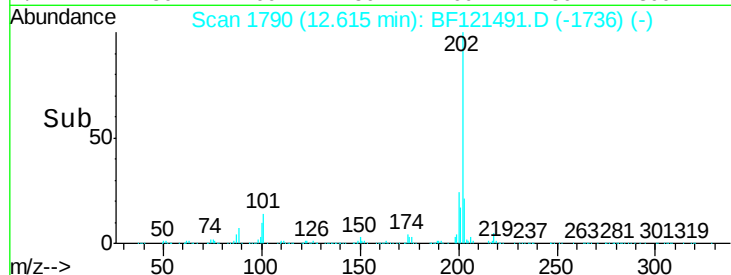
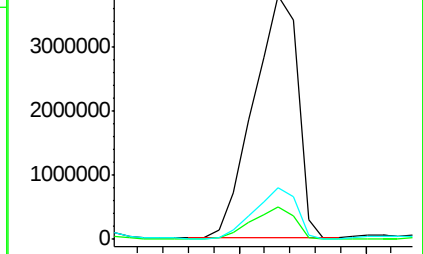
203 21.2 0.0 39.1



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: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

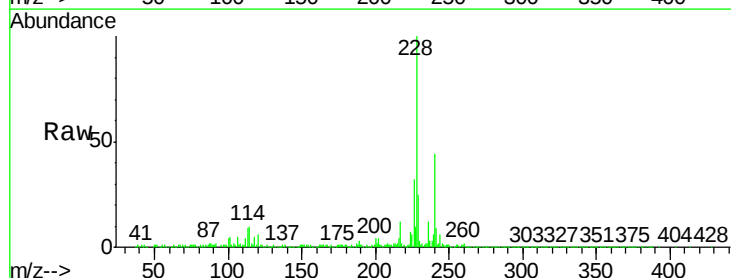
Tgt Ion:240 Resp: 607011

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

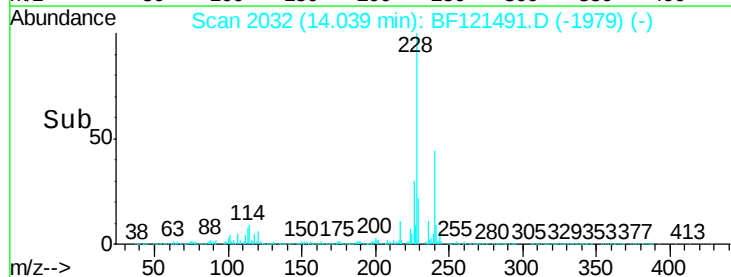
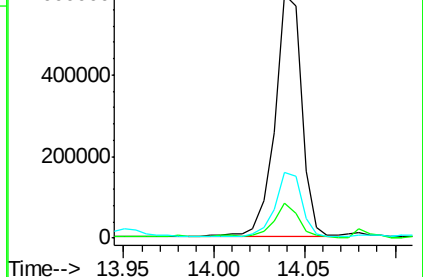
236 26.9 21.8 32.6

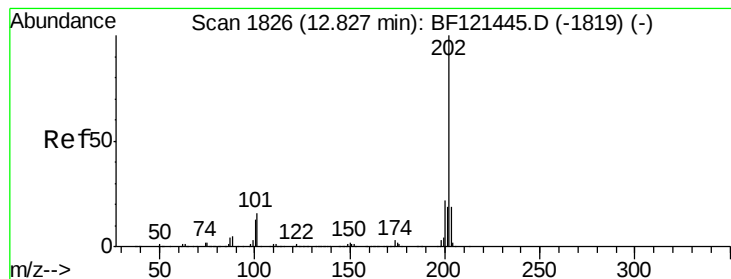


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 142.491 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.02 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-08-B

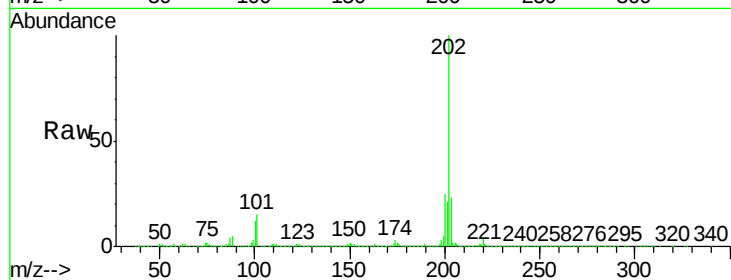
Tot Ion:202 Resp: 6177205

Ion Ratio Lower Upper

202 100

200 25.3 18.0 27.0

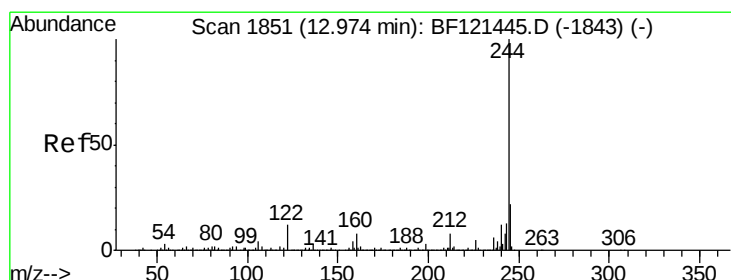
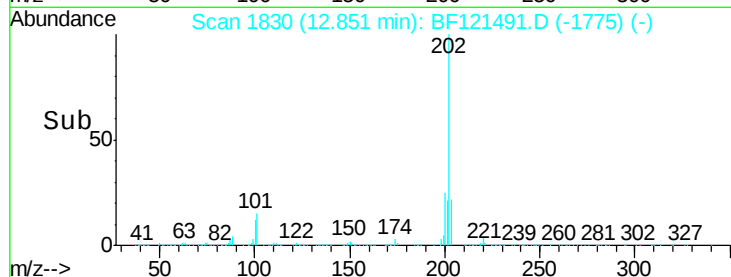
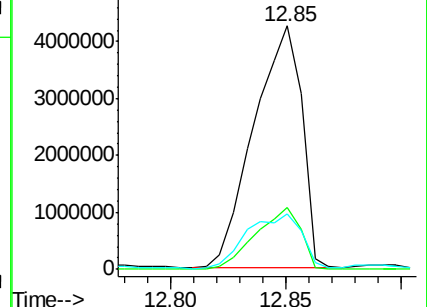
203 22.5 15.3 22.9



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: 7.725 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

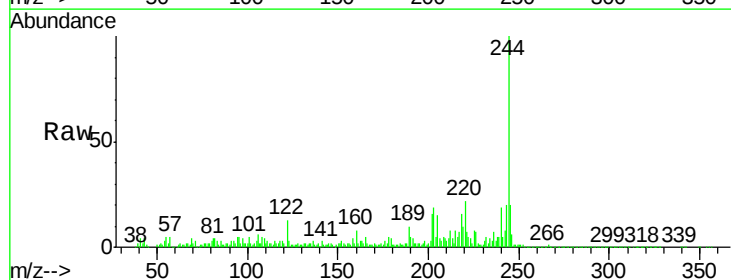
Tgt Ion:244 Resp: 222768

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

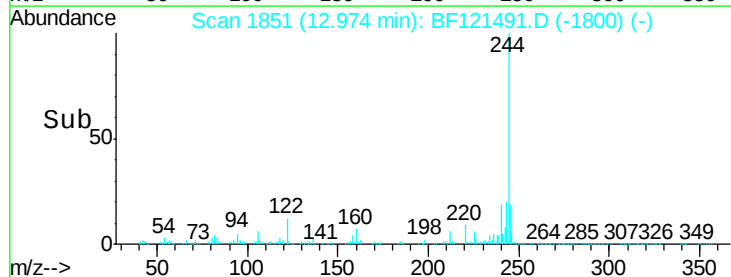
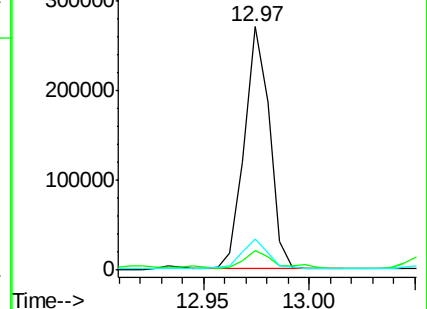
122 12.7 9.5 14.3

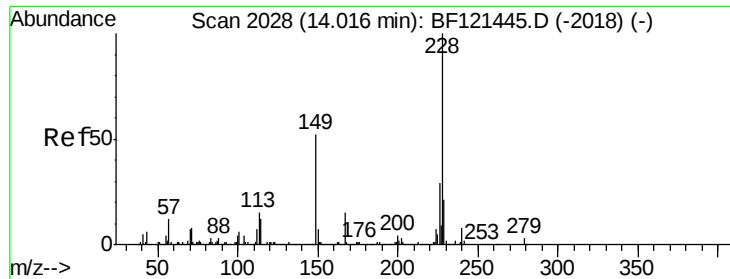


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

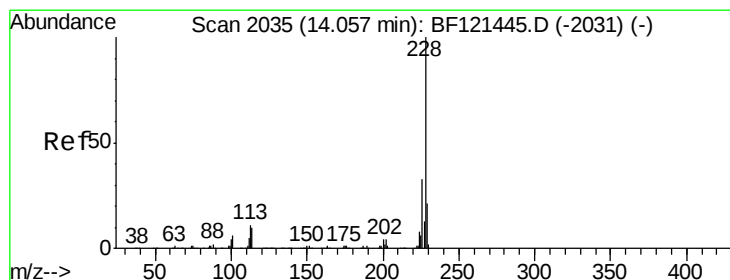
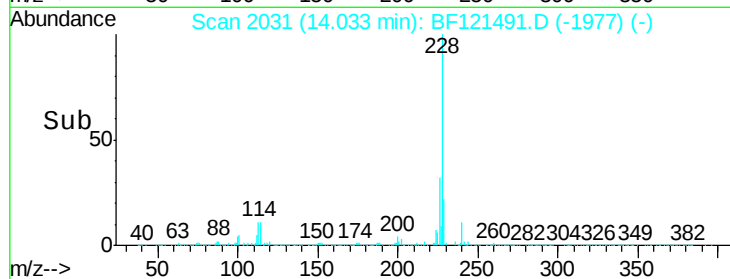
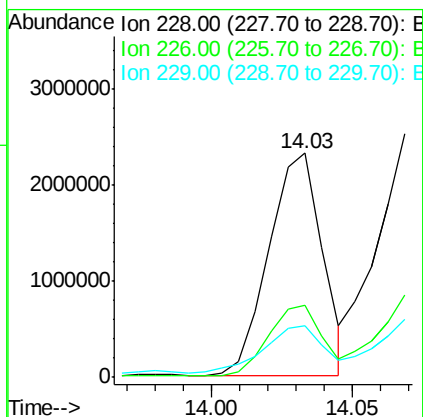
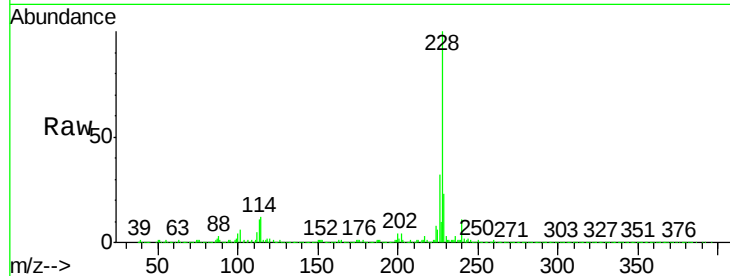




#81
Benzo(a)anthracene
Concen: 81.965 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

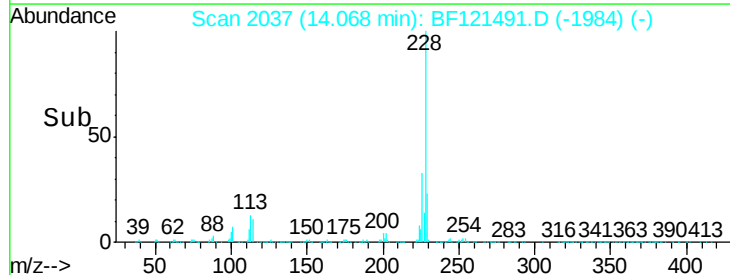
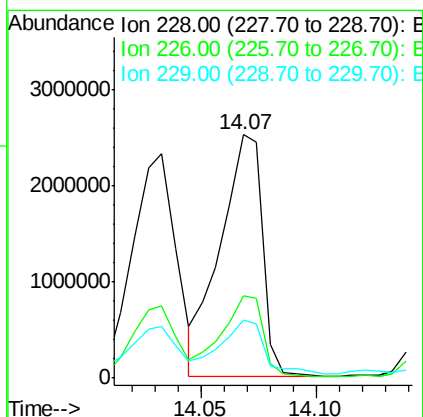
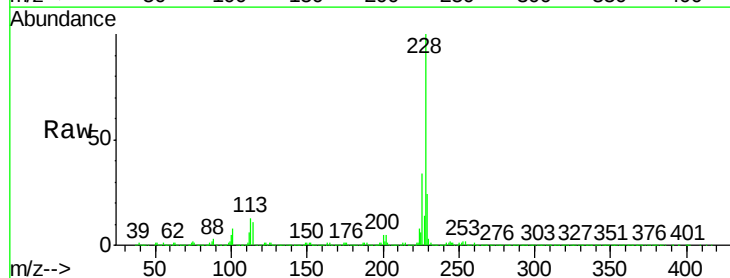
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-08-B

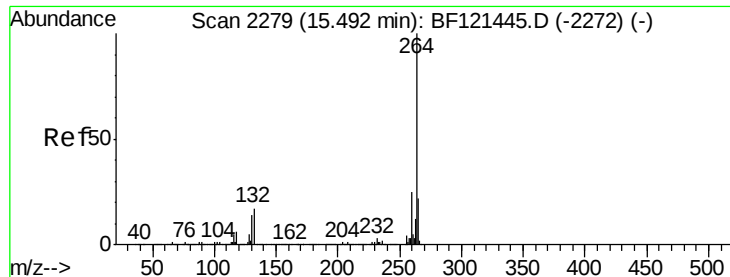
Tot Ion:228 Resp: 3037196
Ion Ratio Lower Upper
228 100
226 32.3 23.0 34.4
229 23.3 16.6 24.8



#83
Chrysene
Concen: 86.005 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

Tgt Ion:228 Resp: 3188387
Ion Ratio Lower Upper
228 100
226 33.7 26.2 39.2
229 24.0 16.6 25.0



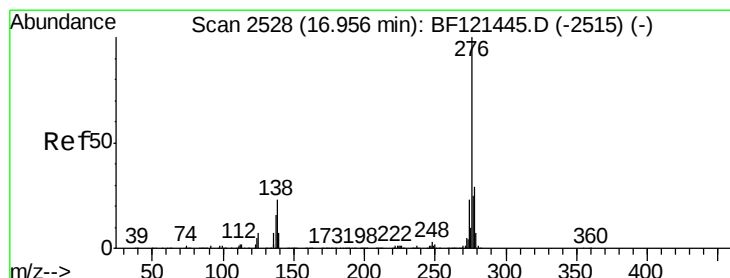
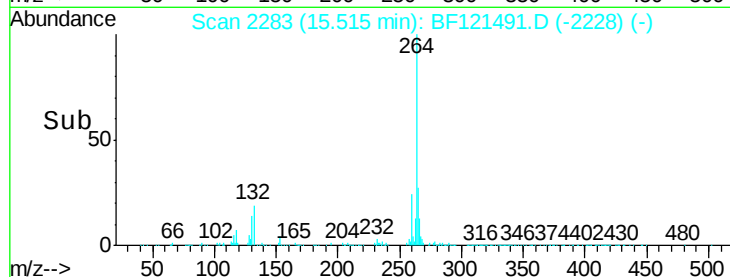
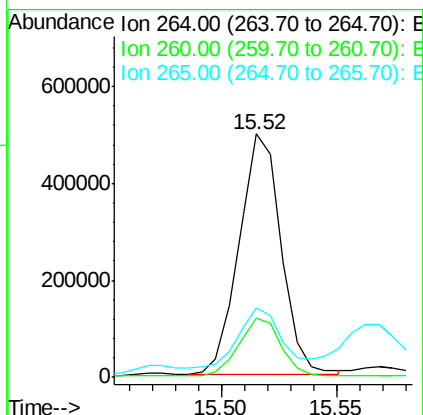
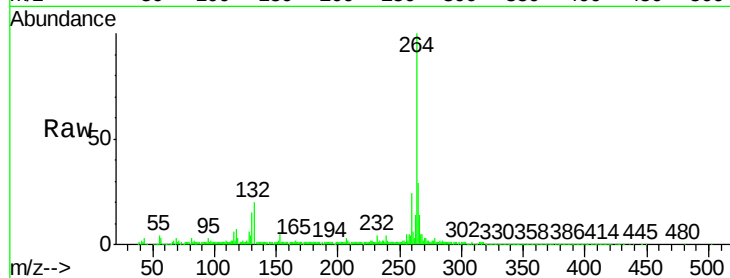


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.02 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-08-B

Tot Ion:264 Resp: 628513

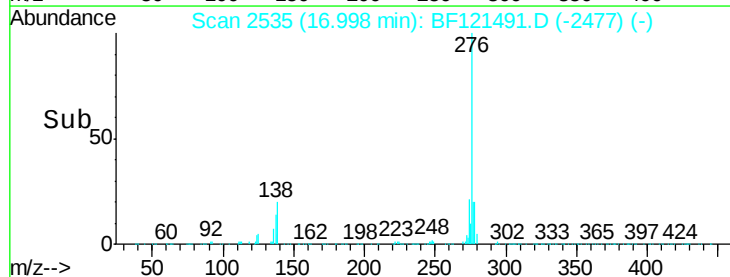
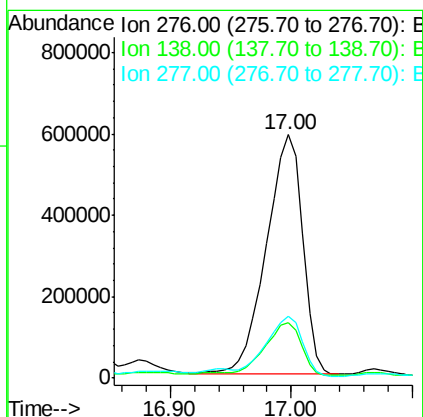
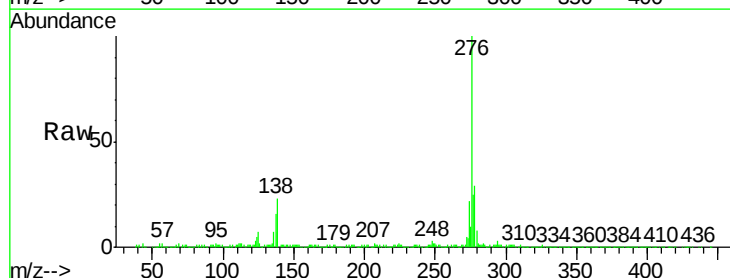
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	28.8	17.8	26.6

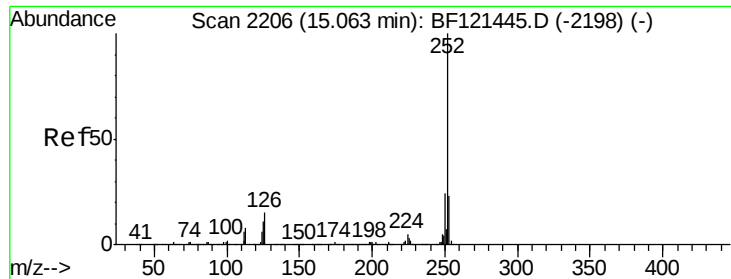


#87
Indeno(1,2,3-cd)pyrene
Concen: 31.734 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.04 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

Tgt Ion:276 Resp: 1227184

Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.6	31.0
277	25.0	20.5	30.7

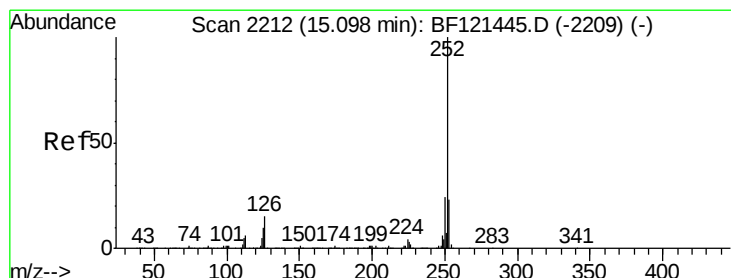
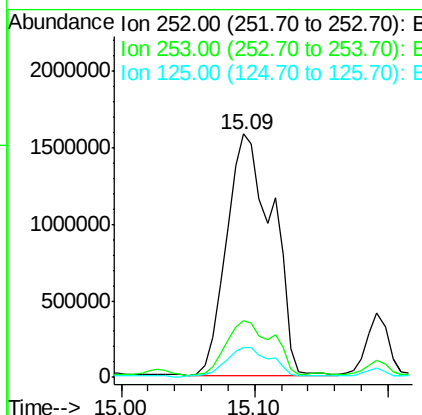
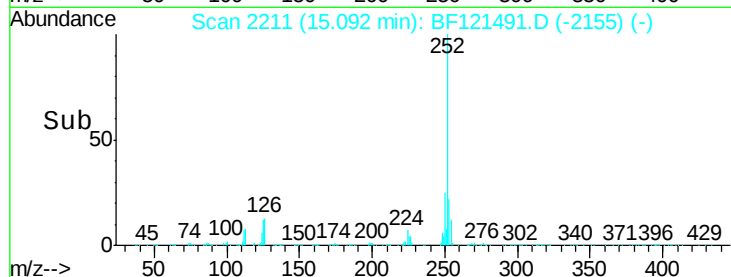
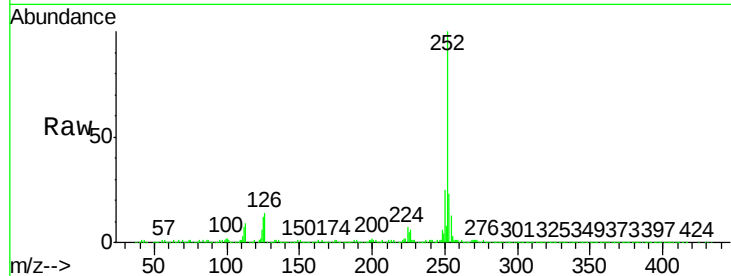




#88
Benzo(b)fluoranthene
Concen: 92.084 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.03 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

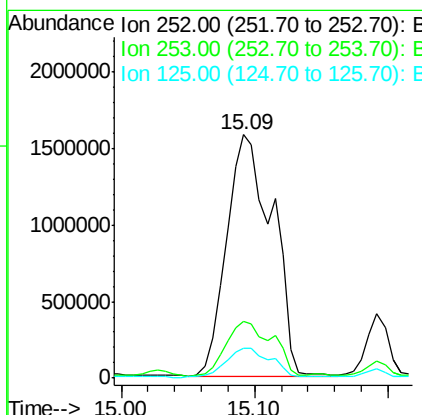
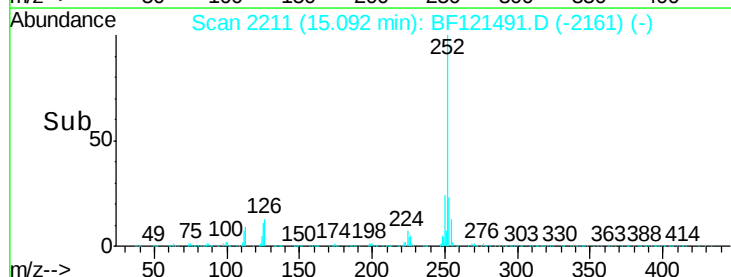
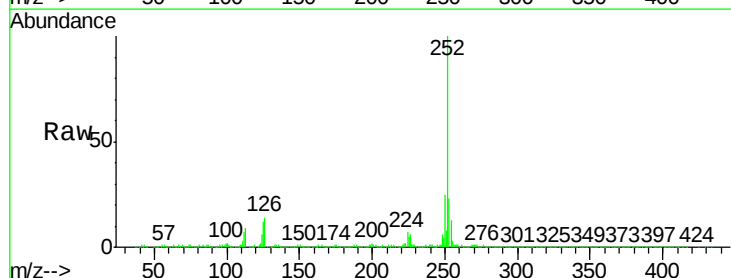
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-08-B

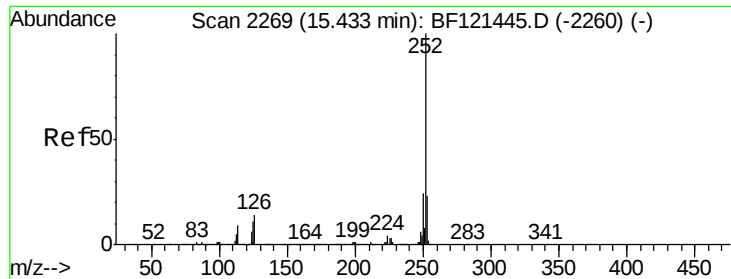
Tot Ion:252 Resp: 3764806
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 12.1 9.2 13.8



#89
Benzo(k)fluoranthene
Concen: 99.001 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF121491.D
Acq: 31 Aug 2020 22:05

Tgt Ion:252 Resp: 3764806
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 12.1 8.5 12.7





#90

Benzo(a)pyrene

Concen: 66.306 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.03 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-08-B

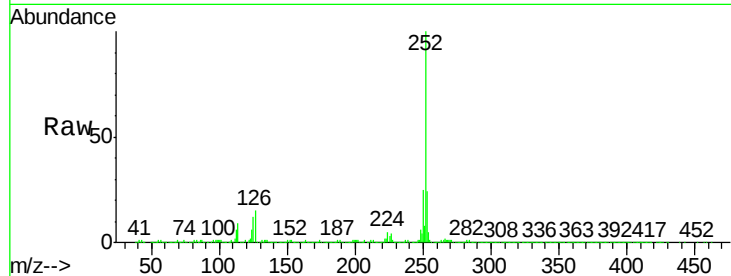
Tot Ion:252 Resp: 2437634

Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

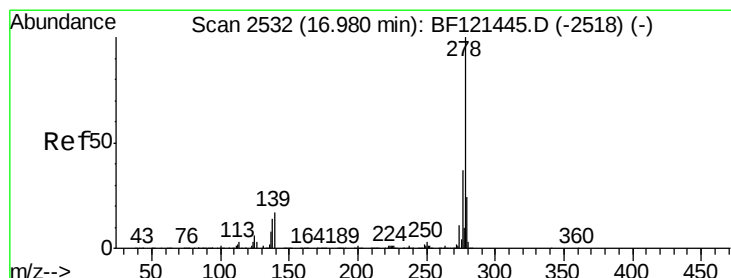
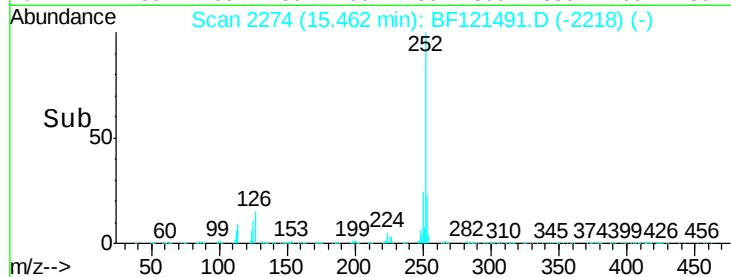
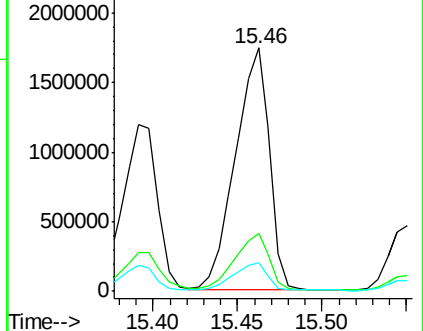
125 11.7 9.0 13.4



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: 11.180 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.02 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

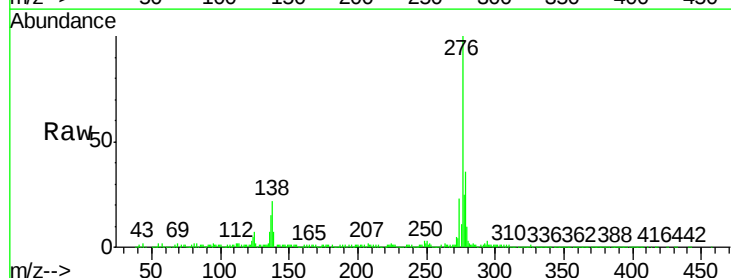
Tgt Ion:278 Resp: 353906

Ion Ratio Lower Upper

278 100

139 19.2 13.3 19.9

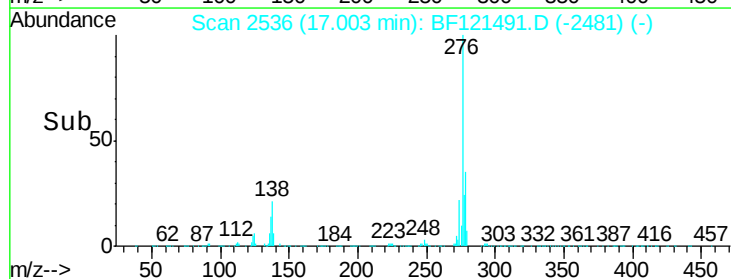
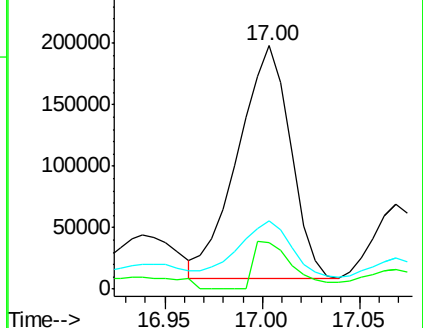
279 27.9 19.4 29.0

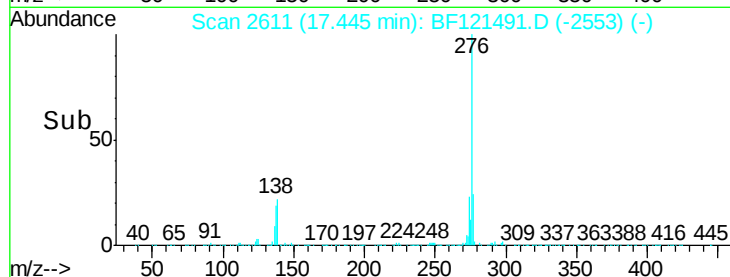
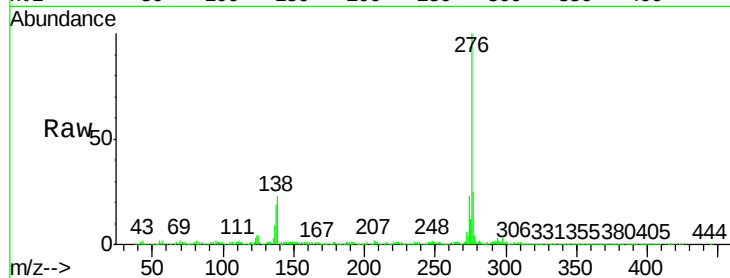
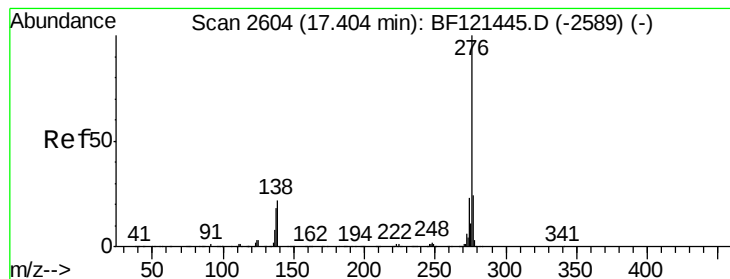


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 41.505 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.04 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-08-B

Tot Ion:276 Resp: 1265638

Ion Ratio Lower Upper

276 100

277 25.2 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

