

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121484.D
 Acq On : 31 Aug 2020 18:31
 Operator : JU/CG
 Sample : L3847-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-10-A

Quant Time: Aug 31 19:00:22 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	319306	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1145636	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	562369	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	947490	20.00	ng	0.00
76) Chrysene-d12	14.03	240	640489	20.00	ng	0.00
86) Perylene-d12	15.50	264	716497	20.00	ng	0.01

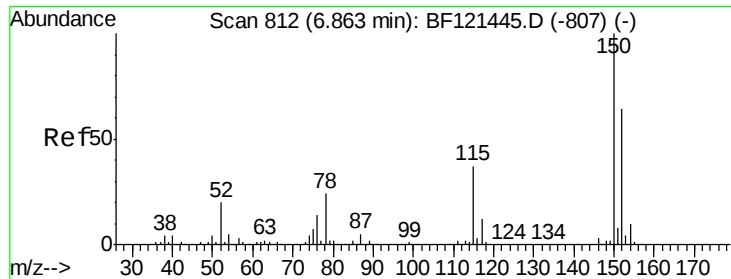
System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1845712	96.98	ng	0.01
7) Phenol-d6	6.49	99	2462210	92.58	ng	0.00
23) Nitrobenzene-d5	7.42	82	1585110	94.59	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	611944	107.73	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2681305	76.93	ng	0.00
79) Terphenyl-d14	12.97	244	2240719	73.64	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.41	77	1486	Below Cal	#	86
19) n-Nitroso-di-n-propylamine	7.42	70	212530	14.299 ng	#	78
25) Isophorone	7.42	82	1563660	41.486 ng	#	64
32) Benzoic acid	8.09	122	276	6.696 ng		86
48) 2-Nitroaniline	9.41	65	689	6.708 ng	#	5
49) Acenaphthylene	9.76	152	134214	2.565 ng		97
50) Dimethylphthalate	9.61	163	147388	3.815 ng		98
51) 2,6-Dinitrotoluene	9.90	165	77415	15.682 ng	#	25
52) Acenaphthene	9.93	154	122118	3.696 ng		99
53) 3-Nitroaniline	10.10	138	2083	5.652 ng	#	25
54) 2,4-Dinitrophenol	10.18	184	106	Below Cal	#	14
55) Dibenzofuran	10.10	168	131800	2.746 ng		95
56) 4-Nitrophenol	10.00	139	1843	8.079 ng	#	44
57) 2,4-Dinitrotoluene	10.06	165	4308	7.686 ng	#	44
58) Fluorene	10.45	166	191574	5.295 ng		99
62) 4-Nitroaniline	10.45	138	2254	4.752 ng	#	26
65) 4,6-Dinitro-2-methylphenol	10.49	198	3389	7.506 ng	#	59
67) 4-Bromophenyl-phenylether	10.69	248	36012	3.455 ng	#	1
71) Phenanthrene	11.41	178	2338148	48.087 ng		100
72) Anthracene	11.46	178	772234	16.148 ng		96
73) Carbazole	11.61	167	185732	4.028 ng		97
75) Fluoranthene	12.60	202	3394296	64.772 ng		99
78) Pyrene	12.83	202	3487897	76.251 ng		98
81) Benzo(a)anthracene	14.02	228	1889742	48.333 ng		97
83) Chrysene	14.06	228	1726604	44.140 ng		98
87) Indeno(1,2,3-cd)pyrene	16.97	276	901574	20.451 ng		96
88) Benzo(b)fluoranthene	15.07	252	2825717	60.627 ng		99
89) Benzo(k)fluoranthene	15.07	252	2825717	65.182 ng		98
90) Benzo(a)pyrene	15.44	252	1662736	39.674 ng		96
91) Dibenzo(a,h)anthracene	16.97	278	236690	6.559 ng		94
92) Benzo(g,h,i)perylene	17.41	276	833072	23.965 ng		97

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

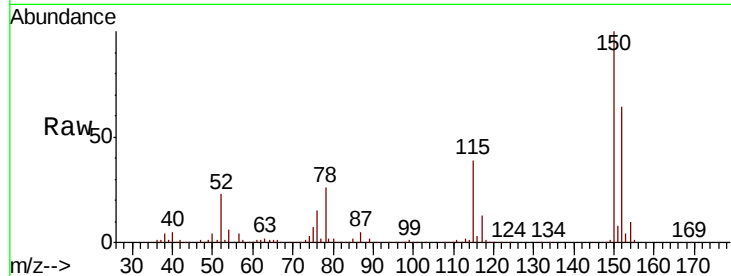


#1

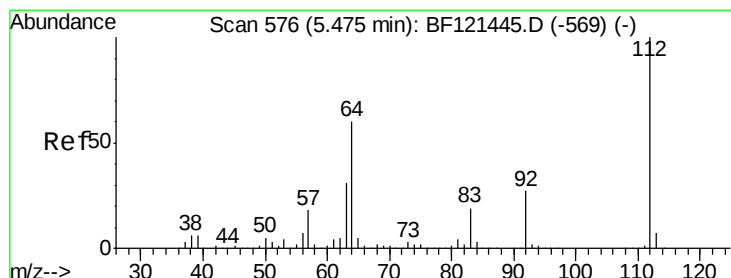
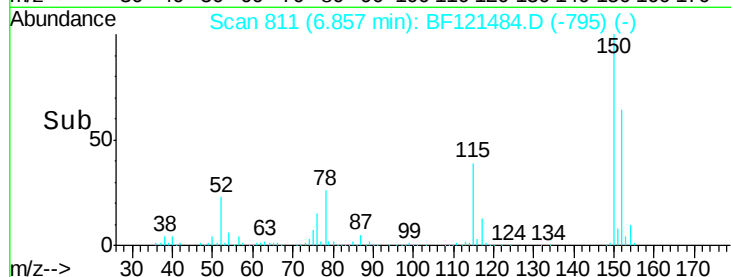
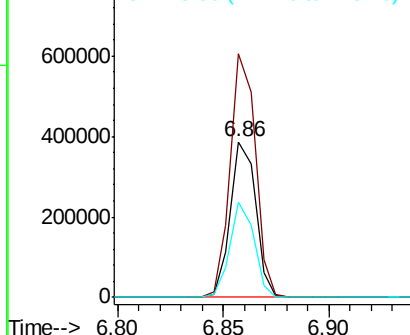
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Instrument :
BNA_F
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LINDEN-JOP-BH-10-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.8	188.6
115	60.8	46.6	69.8



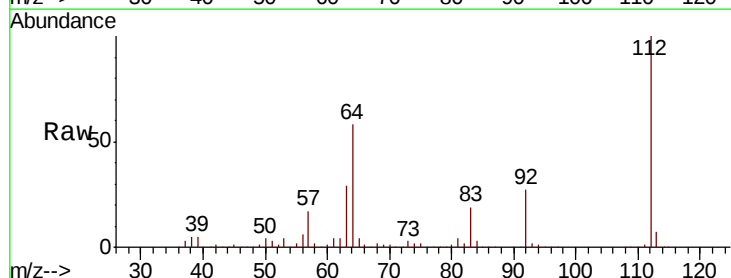
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



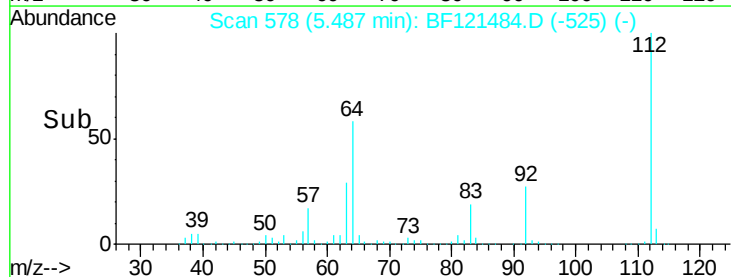
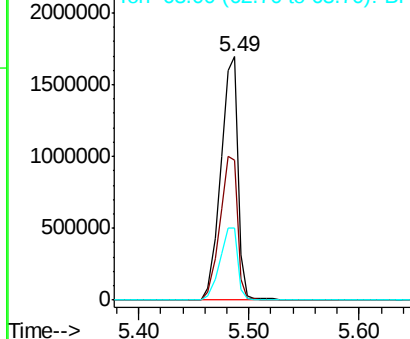
#5

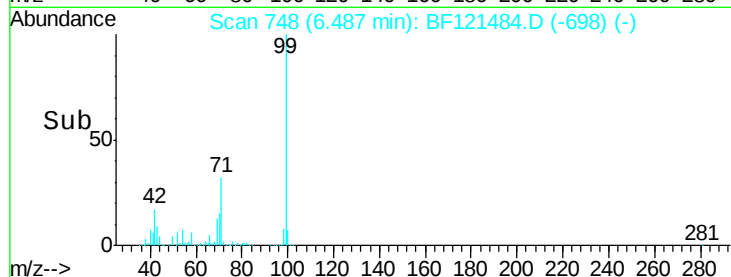
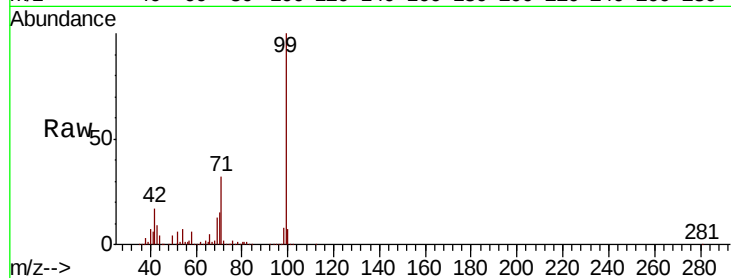
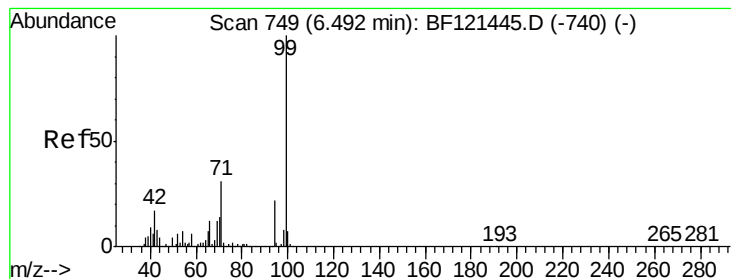
2-Fluorophenol
Concen: 96.980 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	48.2	72.2
63	29.4	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: 92.577 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Instrument :

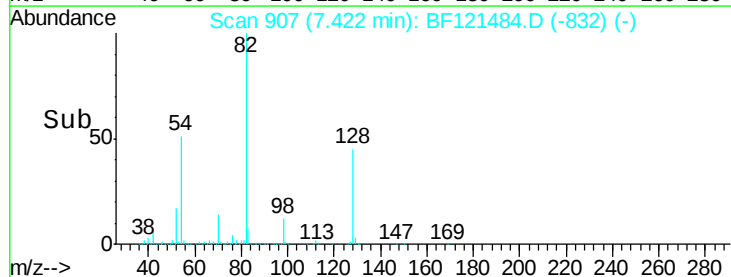
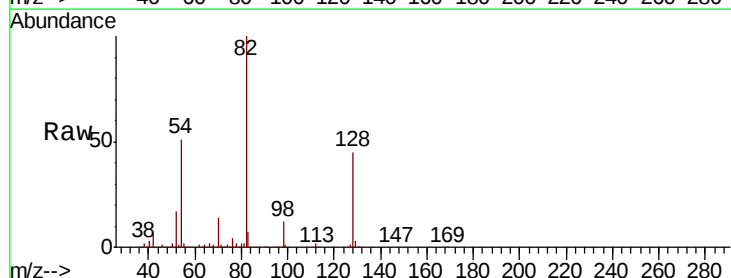
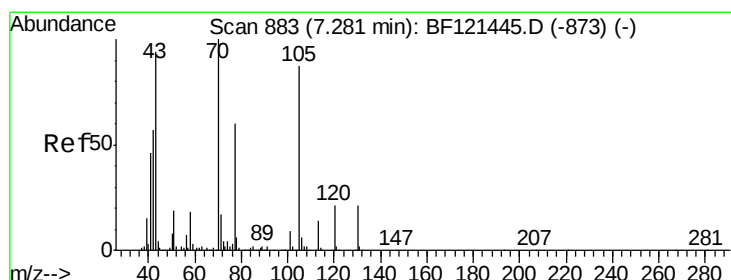
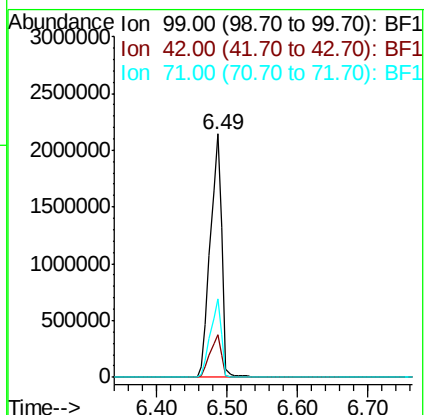
BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-A

Tot Ion: 99 Resp: 2462210

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	32.1	24.6	37.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.299 ng

RT: 7.42 min Scan# 907

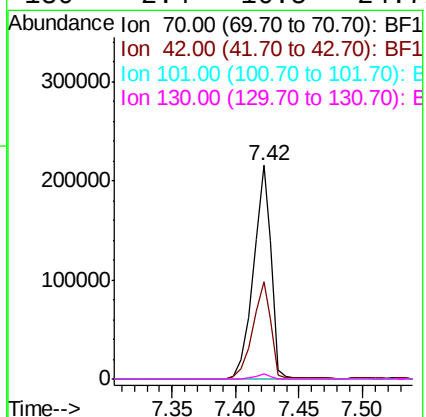
Delta R.T. 0.14 min

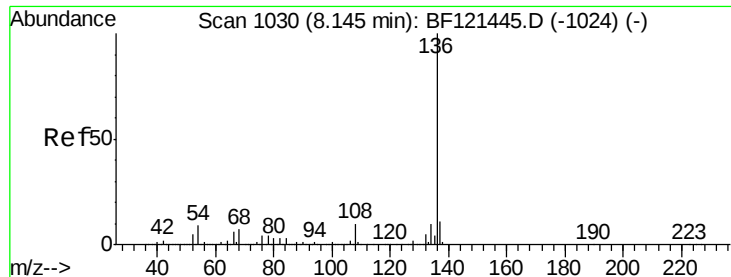
Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Tgt Ion: 70 Resp: 212530

Ion	Ratio	Lower	Upper
70	100		
42	45.6	45.8	68.6#
101	0.0	7.5	11.3#
130	2.4	16.5	24.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-A

Tot Ion:136 Resp: 1145636

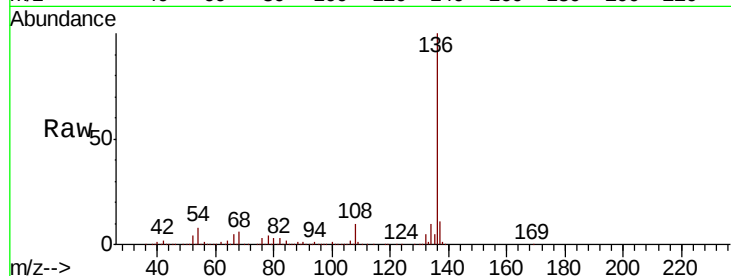
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.8 7.0 10.4

68 6.2 5.5 8.3

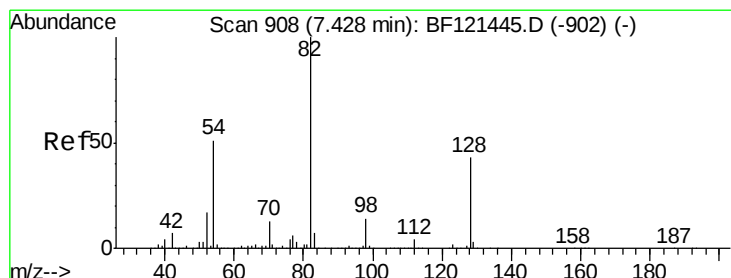
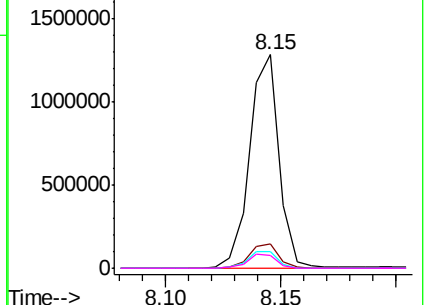
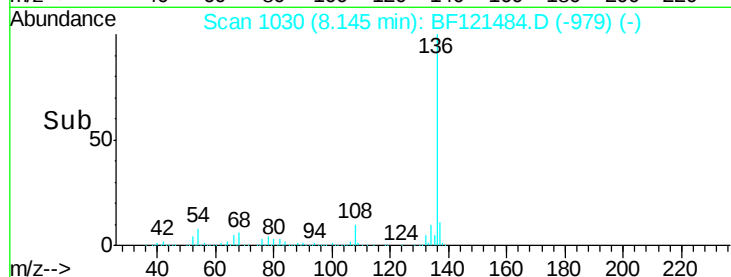


Abundance Ion 136.00 (135.70 to 136.70): E

2000000 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: 94.591 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

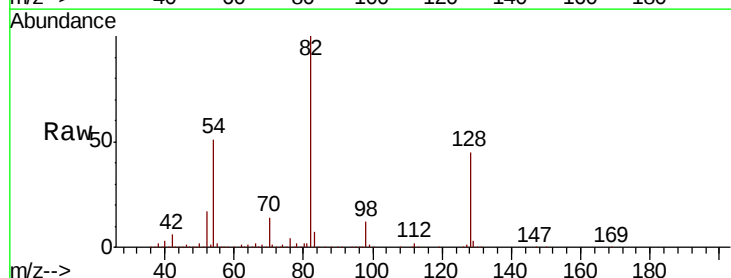
Tgt Ion: 82 Resp: 1585110

Ion Ratio Lower Upper

82 100

128 45.3 34.1 51.1

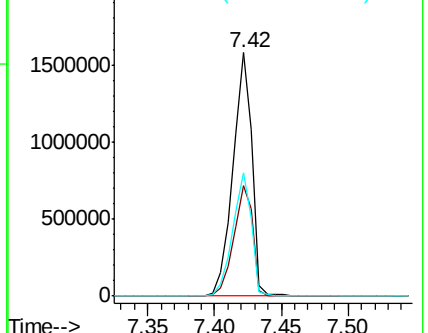
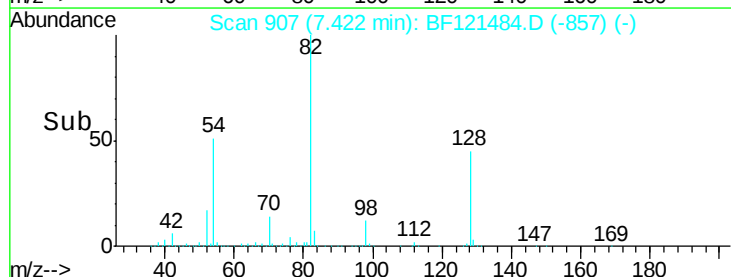
54 50.7 41.0 61.6

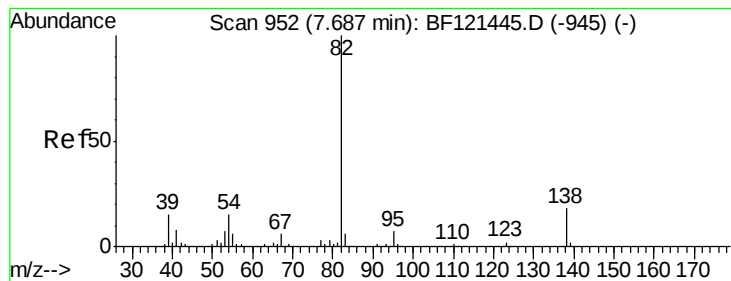


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.486 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-A

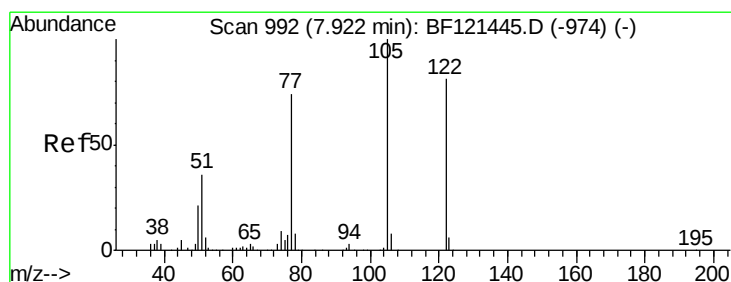
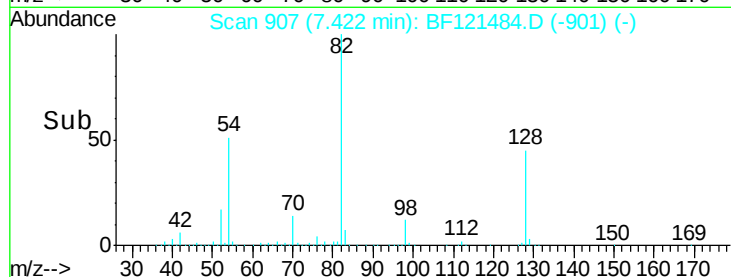
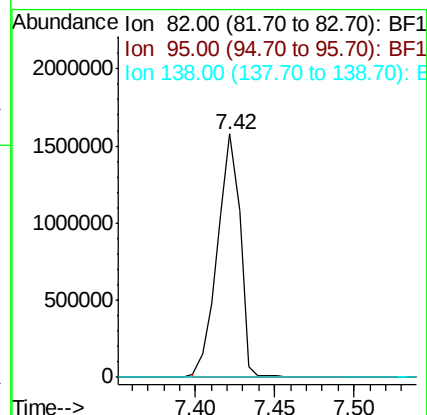
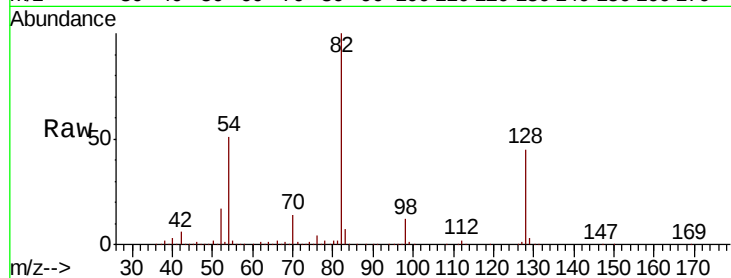
Tot Ion: 82 Resp: 1563660

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 6.696 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.17 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

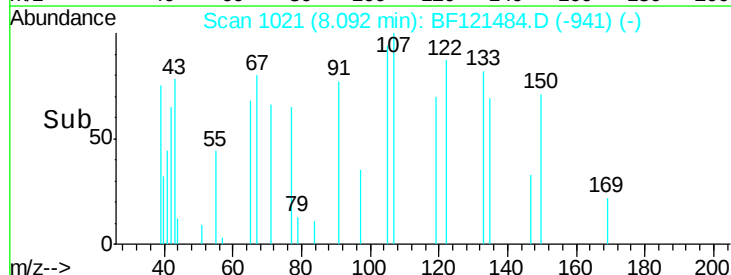
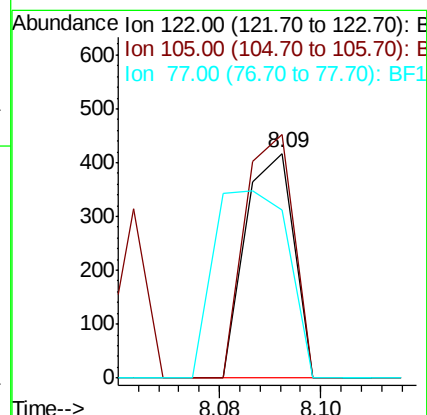
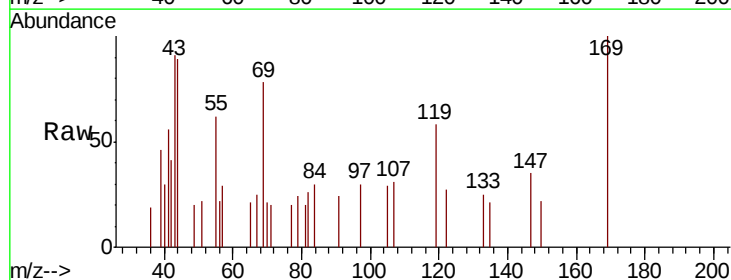
Tgt Ion: 122 Resp: 276

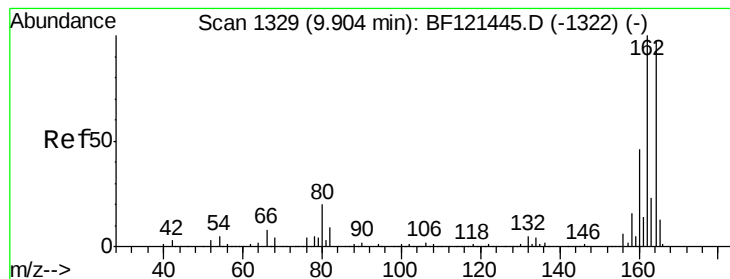
Ion Ratio Lower Upper

122 100

105 108.4 100.8 140.8

77 75.1 71.5 111.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-A

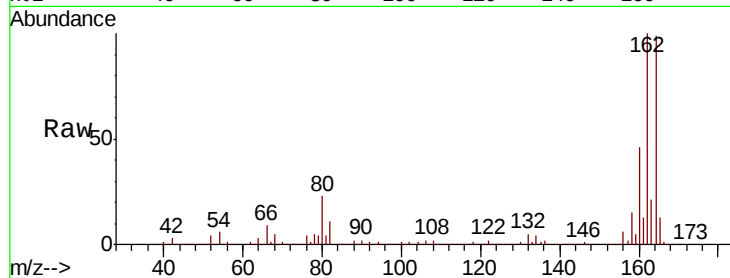
Tot Ion:164 Resp: 562369

Ion Ratio Lower Upper

164 100

162 101.3 82.4 123.6

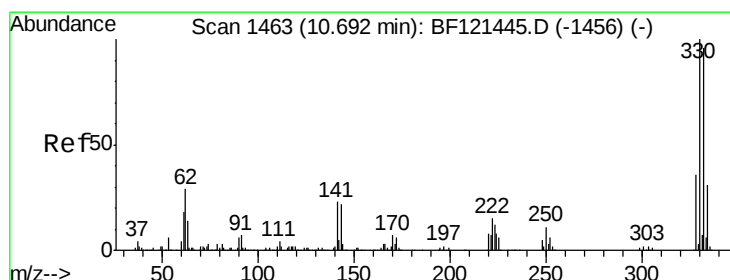
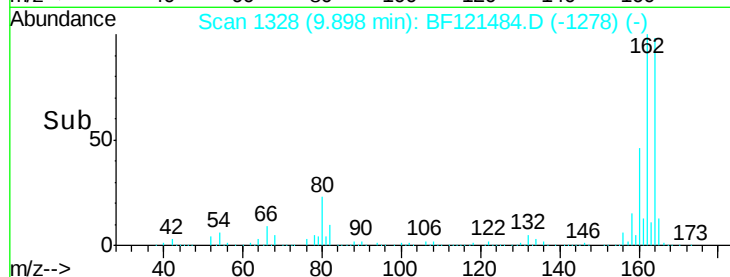
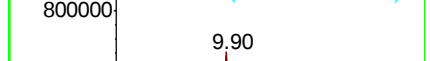
160 46.2 37.6 56.4



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: 107.732 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

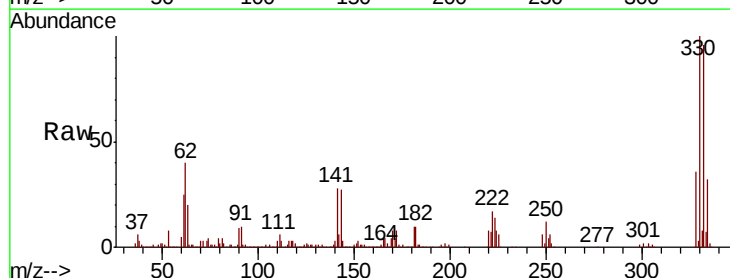
Tgt Ion:330 Resp: 611944

Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.2

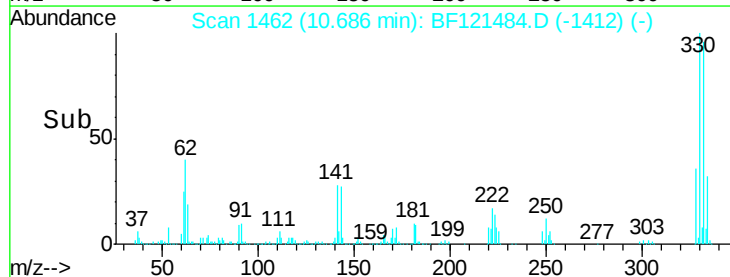
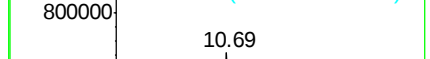
141 29.6 24.6 36.8

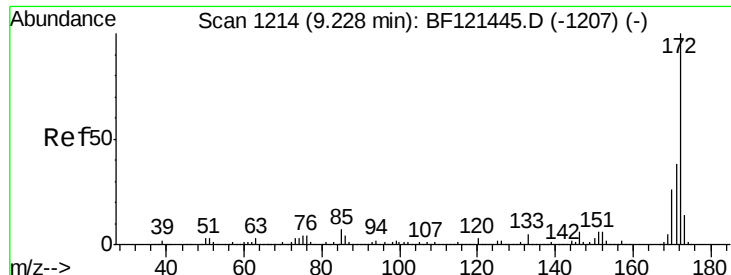


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

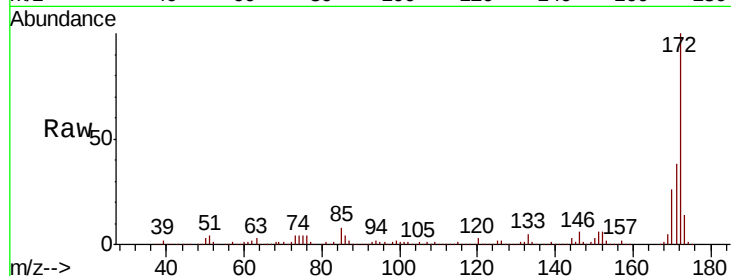




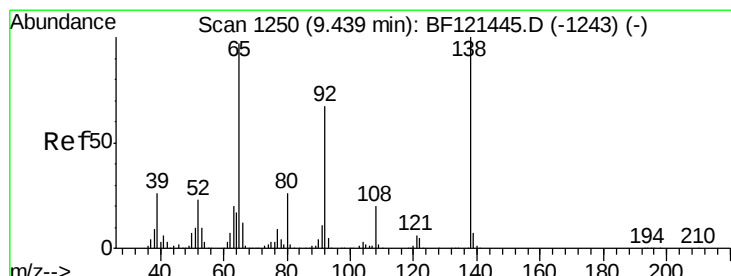
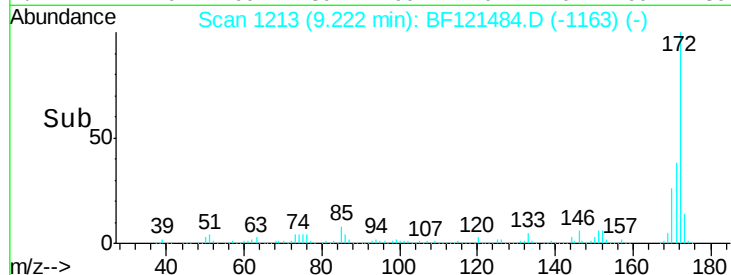
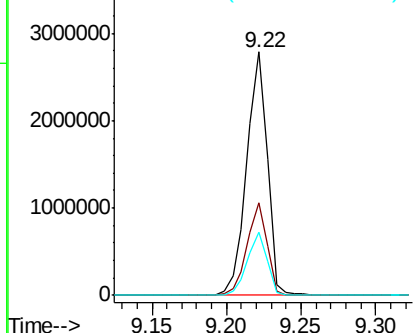
#45
 2-Fluorobiphenyl
 Concen: 76.931 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121484.D
 Acq: 31 Aug 2020 18:31

Instrument :
 BNA_F
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 LINDEN-JOP-BH-10-A

Tot Ion:172 Resp: 2681305
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.6 45.8
 170 26.0 20.6 31.0

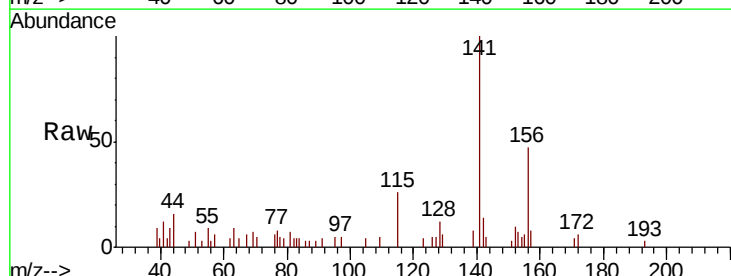


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

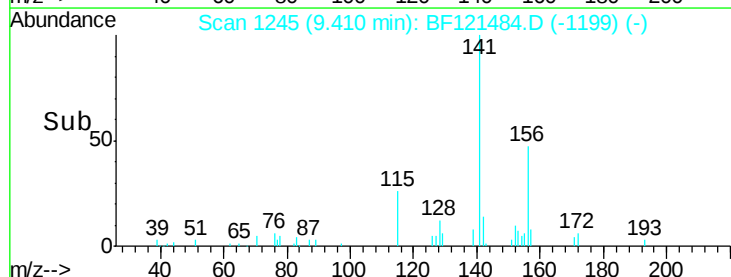
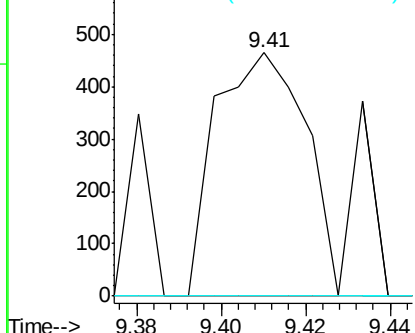


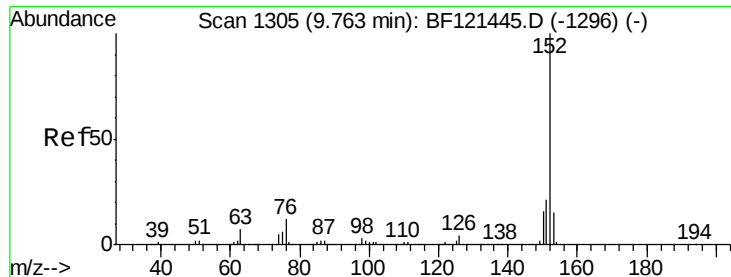
#48
 2-Nitroaniline
 Concen: 6.708 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.03 min
 Lab File: BF121484.D
 Acq: 31 Aug 2020 18:31

Tgt Ion: 65 Resp: 689
 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: 2.565 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-A

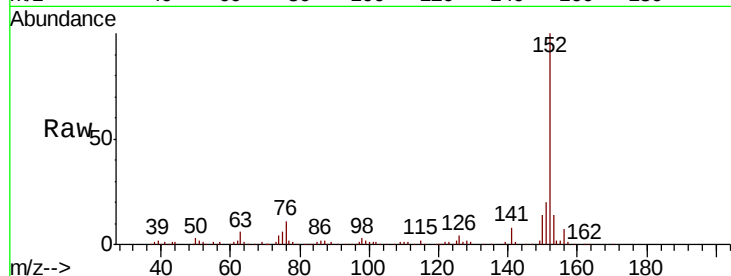
Tot Ion:152 Resp: 134214

Ion Ratio Lower Upper

152 100

151 19.6 17.2 25.8

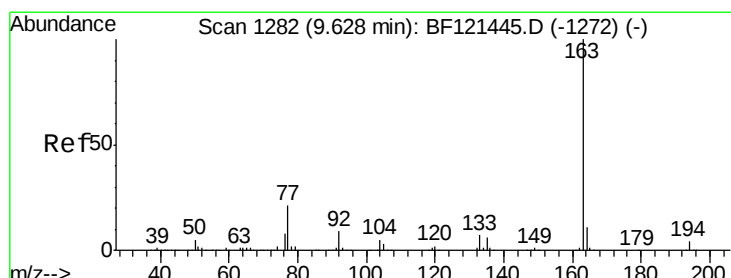
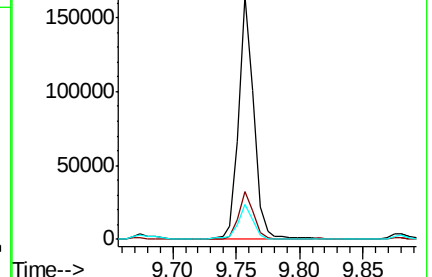
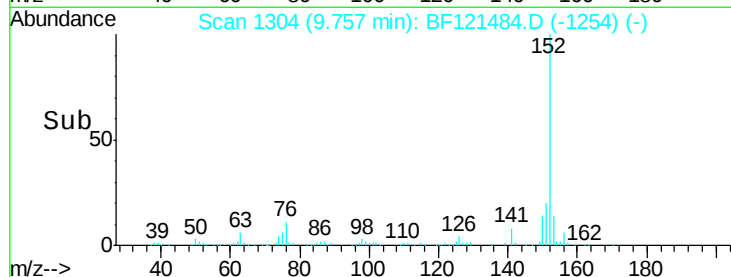
153 14.2 11.6 17.4



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: 3.815 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

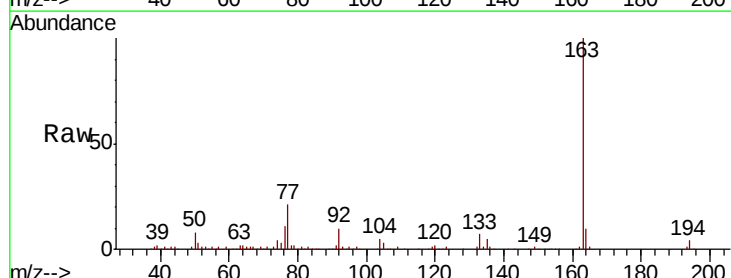
Tgt Ion:163 Resp: 147388

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

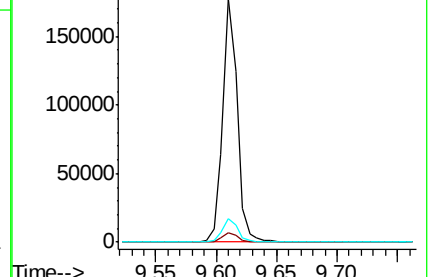
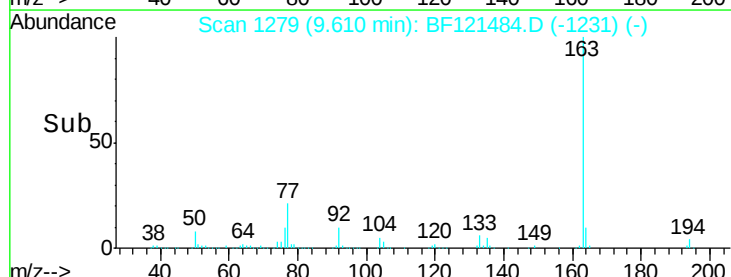
164 9.6 8.6 12.8

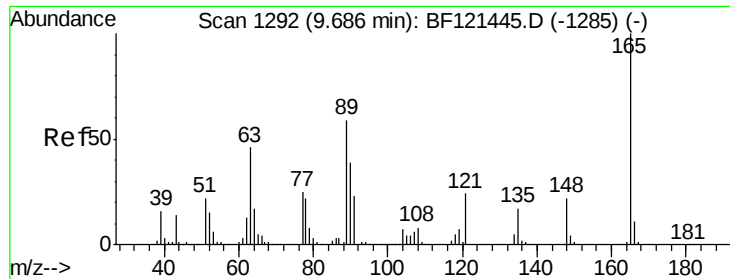


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

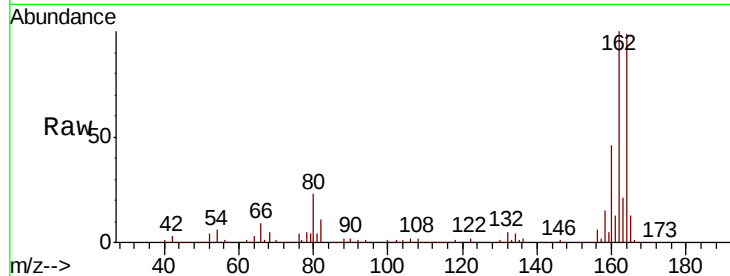




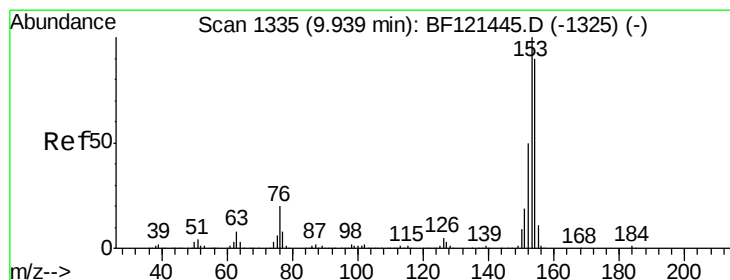
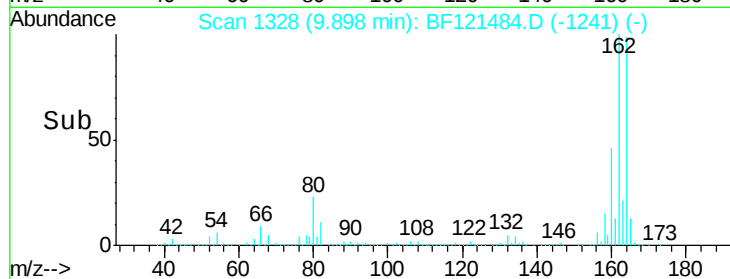
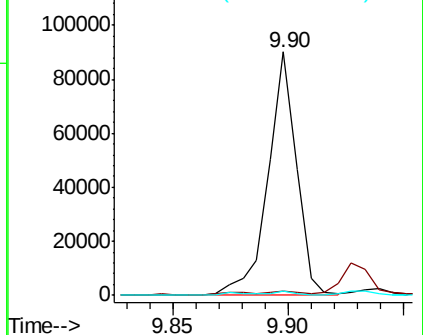
#51
 2,6-Dinitrotoluene
 Concen: 15.682 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF121484.D
 Acq: 31 Aug 2020 18:31

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-10-A

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.6	65.4#
89	1.7	47.4	71.2#

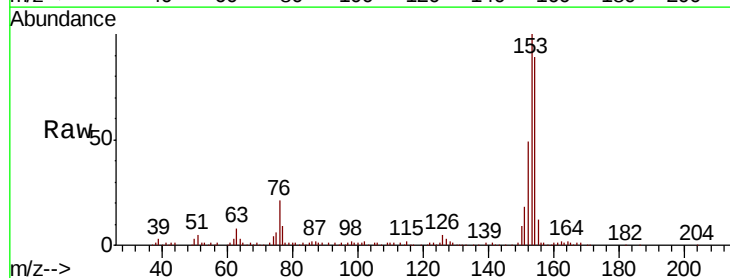


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

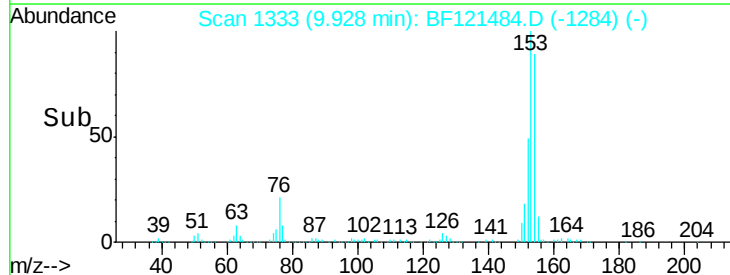
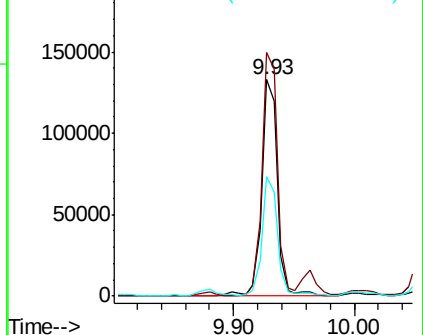


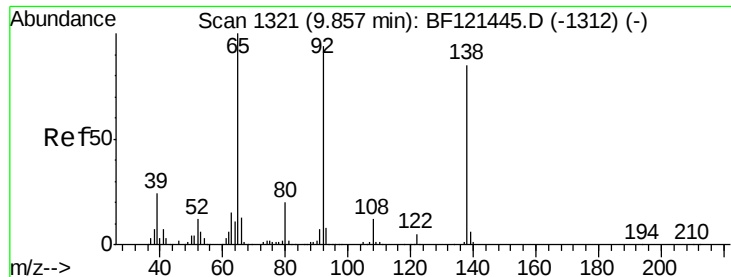
#52
 Acenaphthene
 Concen: 3.696 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF121484.D
 Acq: 31 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.9	133.3
152	55.3	44.1	66.1



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

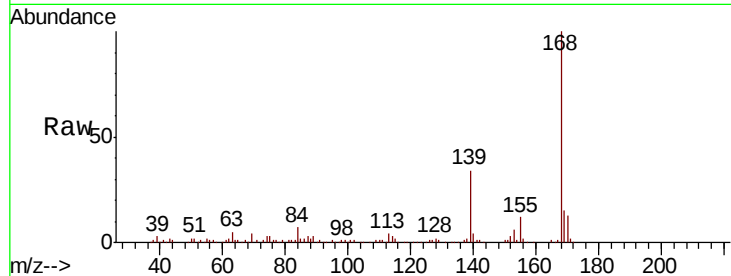




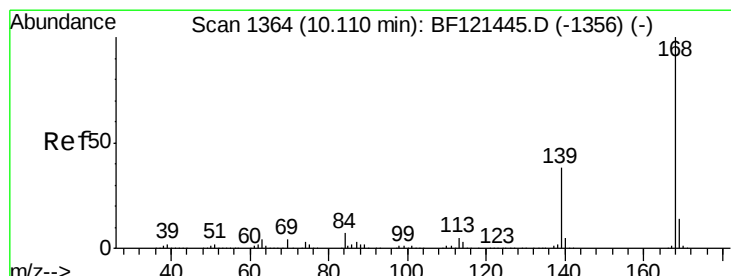
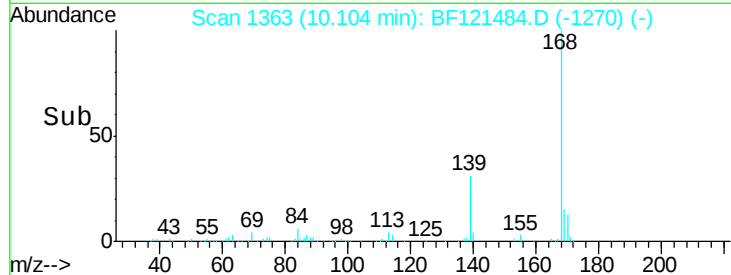
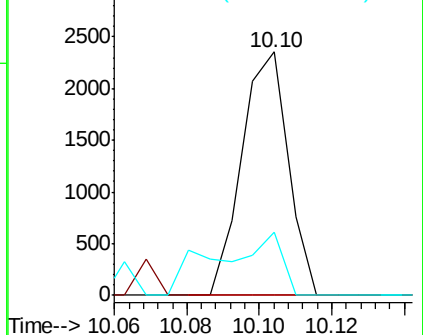
#53
3-Nitroaniline
Concen: 5.652 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.25 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-A

Tot Ion:138 Resp: 2083
Ion Ratio Lower Upper
138 100
108 0.0 11.6 17.4#
92 25.9 88.6 132.8#

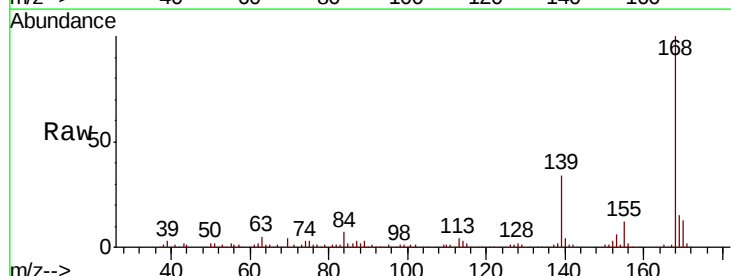


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

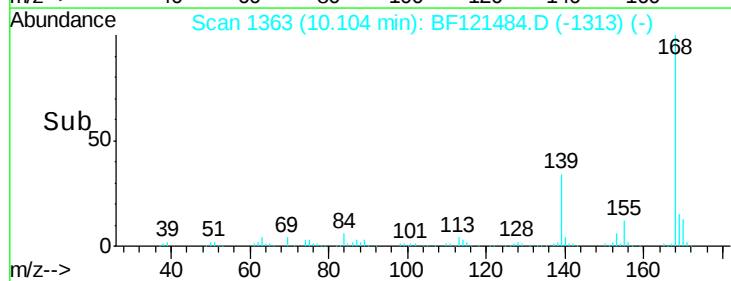
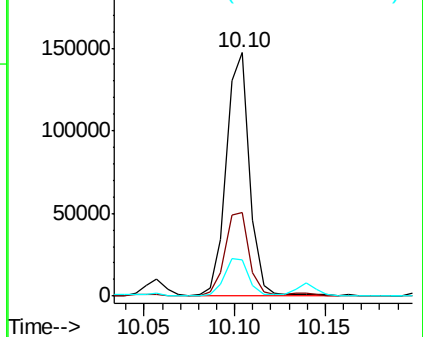


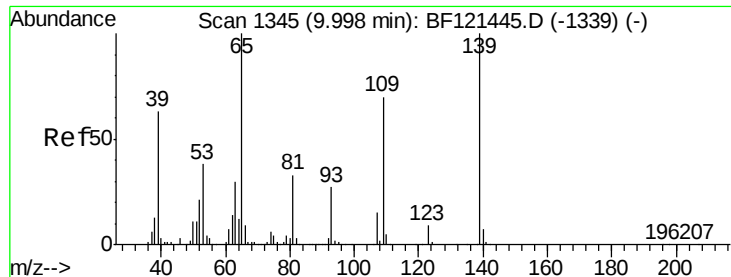
#55
Dibenzofuran
Concen: 2.746 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Tgt Ion:168 Resp: 131800
Ion Ratio Lower Upper
168 100
139 34.1 30.1 45.1
169 14.9 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

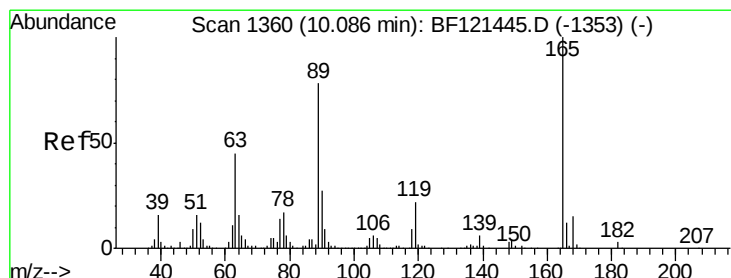
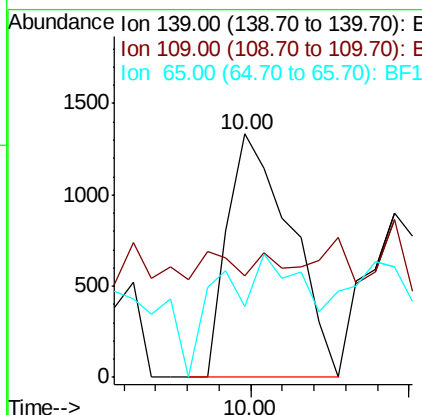
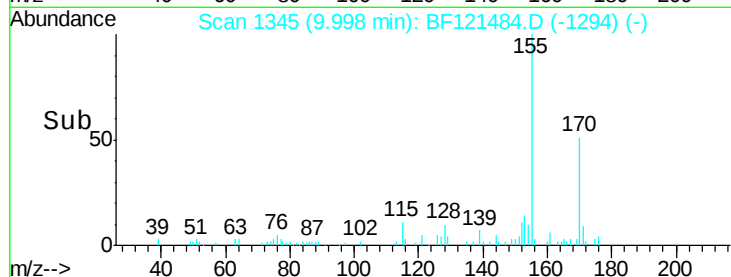
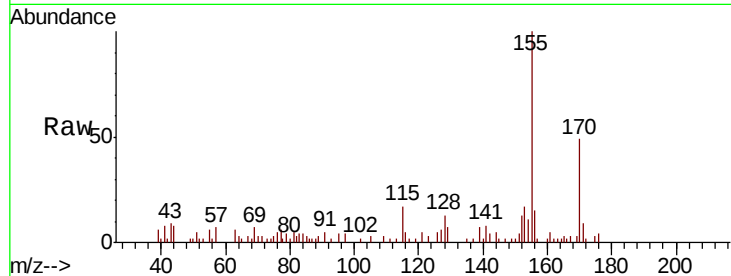




#56
4-Nitrophenol
Concen: 8.079 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

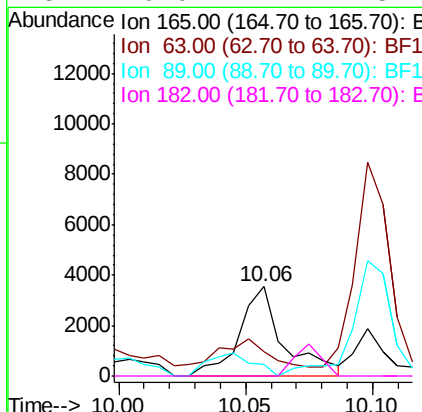
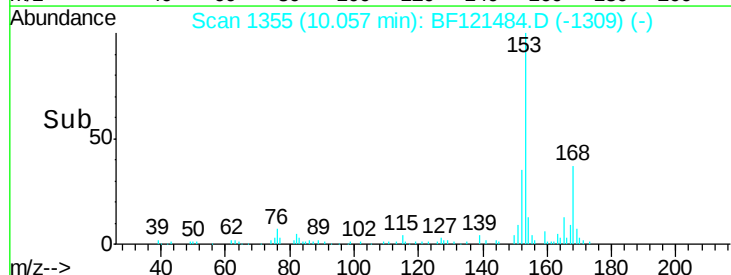
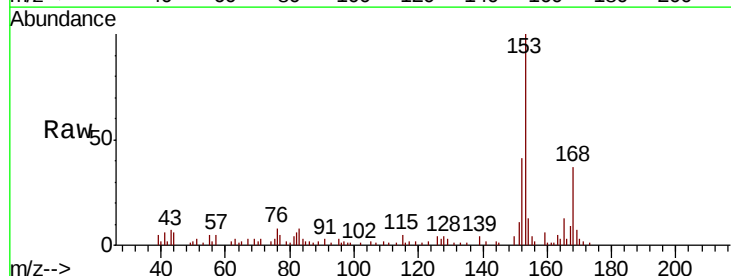
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-A

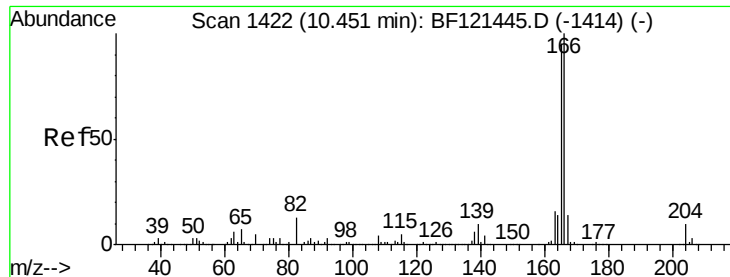
Tot Ion:139 Resp: 1843
Ion Ratio Lower Upper
139 100
109 41.5 50.5 90.5#
65 29.2 80.2 120.2#



#57
2,4-Dinitrotoluene
Concen: 7.686 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.03 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Tgt Ion:165 Resp: 4308
Ion Ratio Lower Upper
165 100
63 27.4 36.0 54.0#
89 13.5 62.6 93.8#
182 0.0 2.2 3.2#

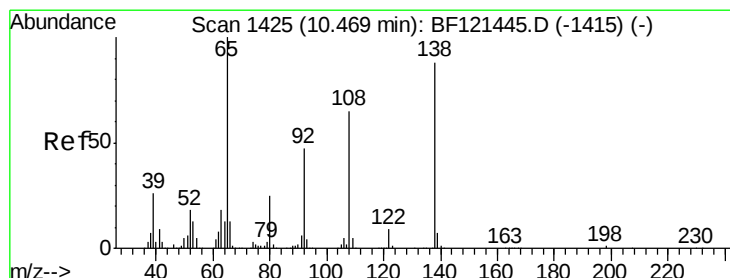
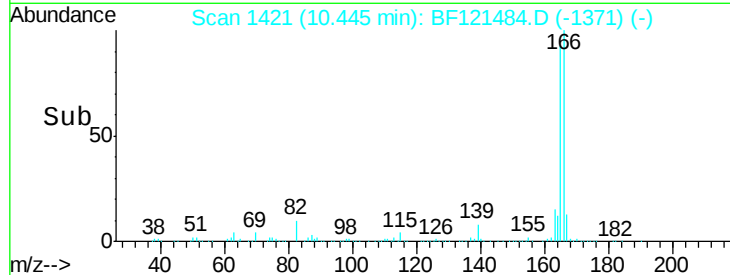
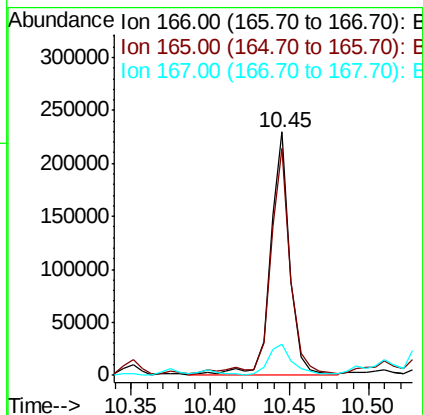
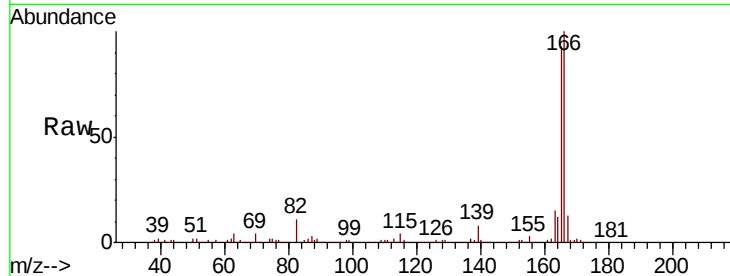




#58
 Fluorene
 Concen: 5.295 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF121484.D
 Acq: 31 Aug 2020 18:31

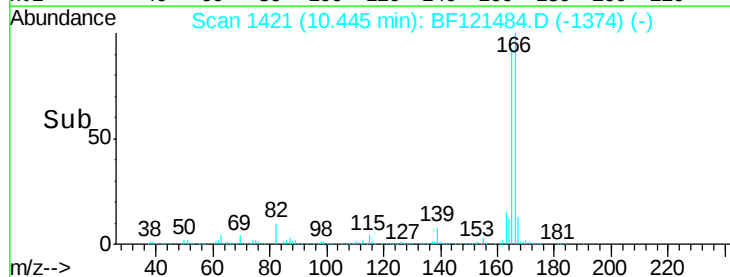
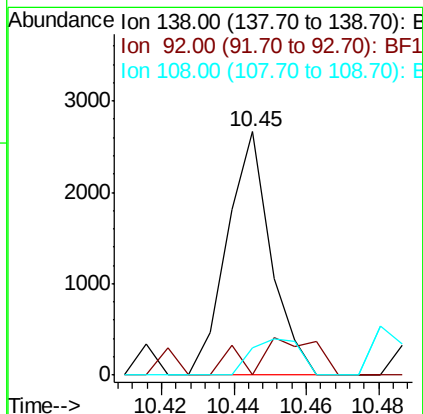
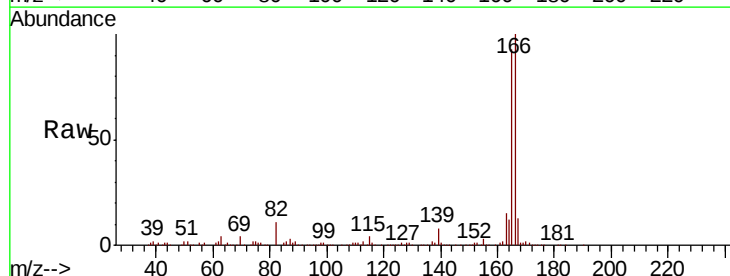
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-10-A

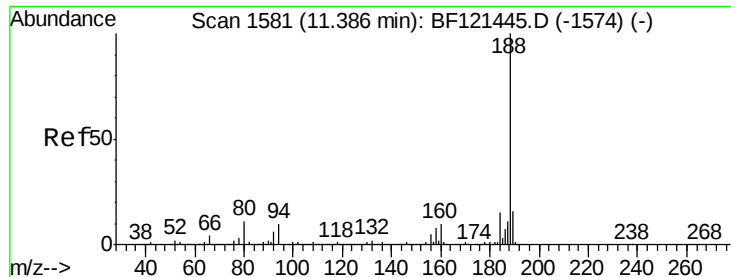
Tot Ion	Ratio	Lower	Upper
166	100		
165	93.4	75.7	113.5
167	13.0	11.1	16.7



#62
 4-Nitroaniline
 Concen: 4.752 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF121484.D
 Acq: 31 Aug 2020 18:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	33.2	73.2#
108	11.3	53.6	93.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-A

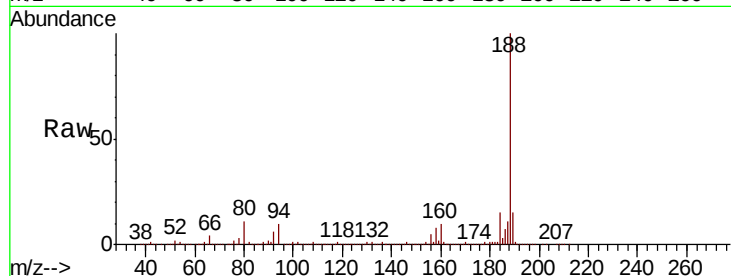
Tot Ion:188 Resp: 947490

Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

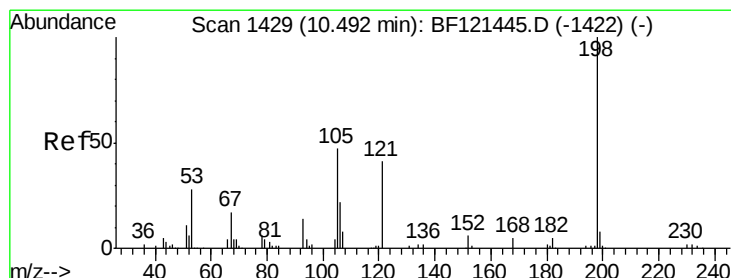
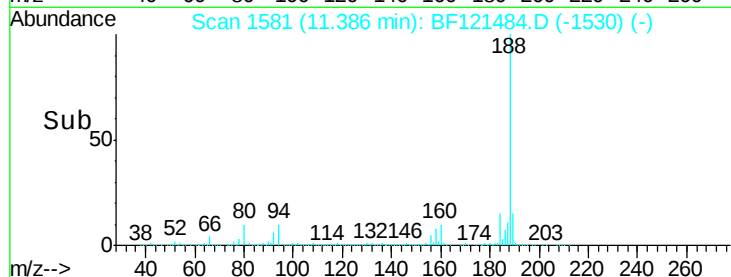
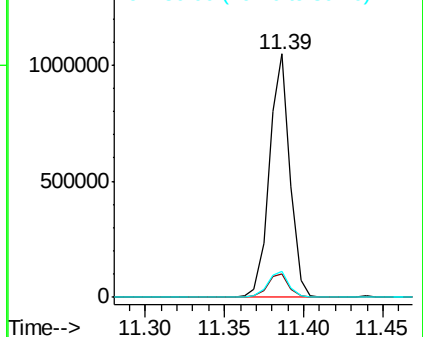
80 10.5 8.6 13.0



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: 7.506 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

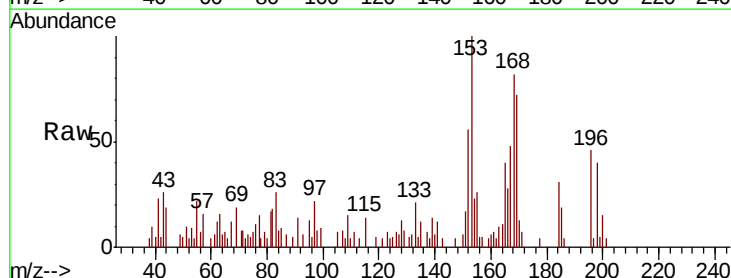
Tgt Ion:198 Resp: 3389

Ion Ratio Lower Upper

198 100

51 23.9 29.0 69.0#

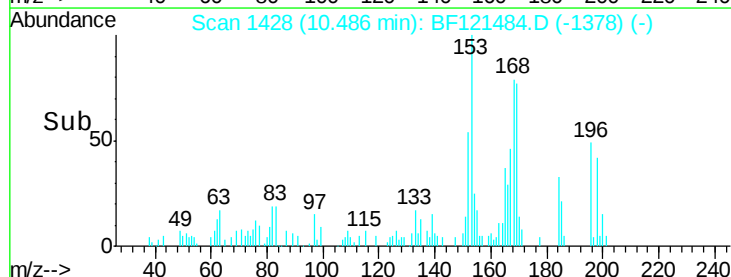
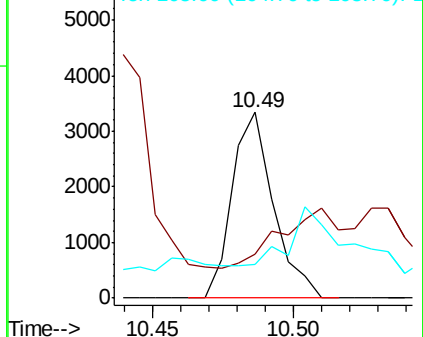
105 18.5 29.1 69.1#

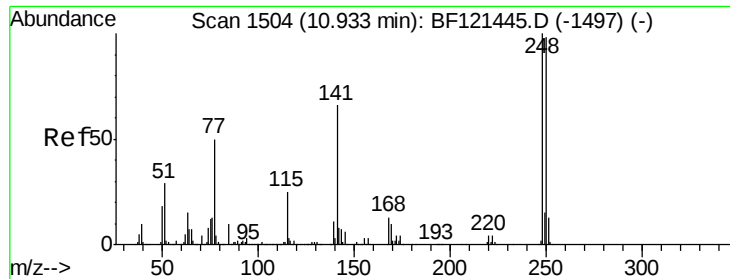


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

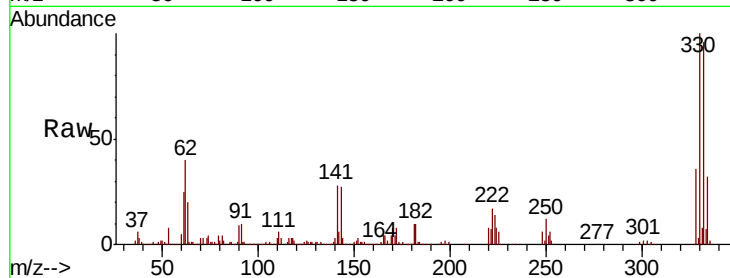




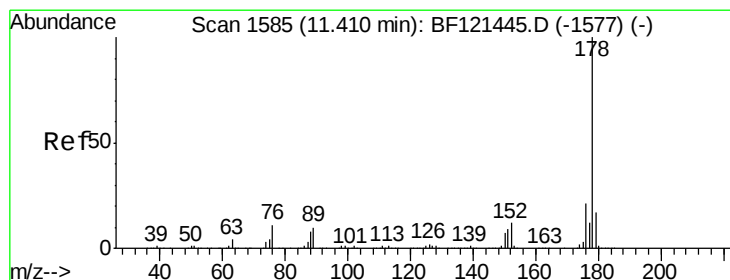
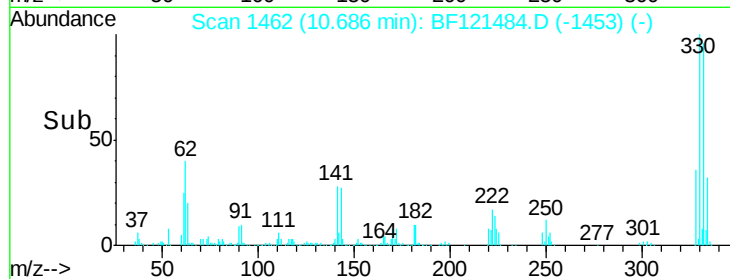
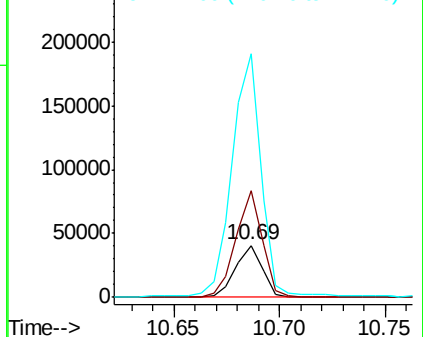
#67
4-Bromophenyl-phenylether
Concen: 3.455 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-A

Tot Ion:248 Resp: 36012
Ion Ratio Lower Upper
248 100
250 206.7 78.7 118.1#
141 470.0 52.6 78.8#

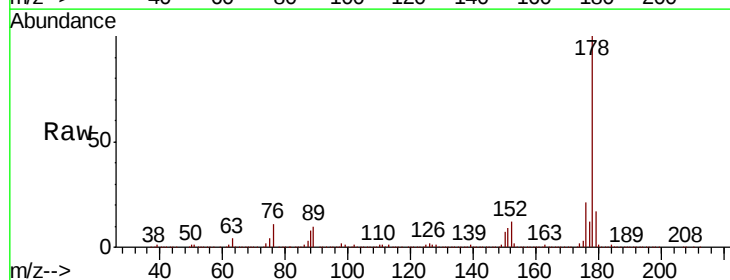


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

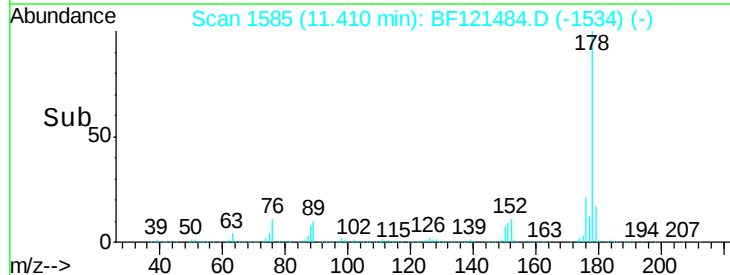
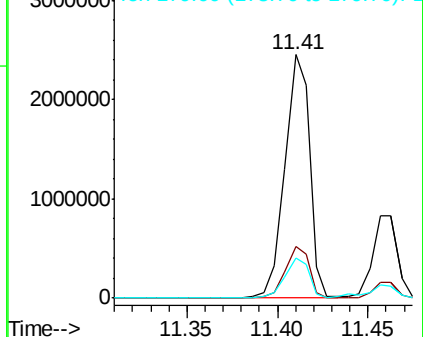


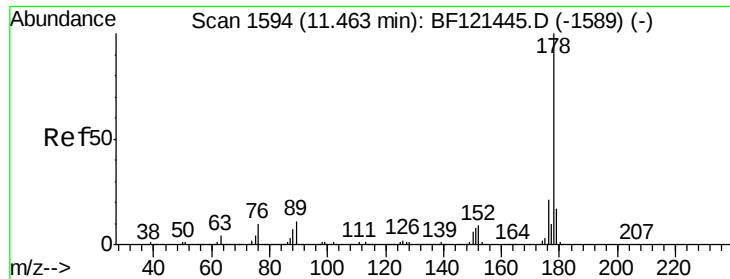
#71
Phenanthrene
Concen: 48.087 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Tgt Ion:178 Resp: 2338148
Ion Ratio Lower Upper
178 100
176 21.2 16.9 25.3
179 16.7 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: 16.148 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-A

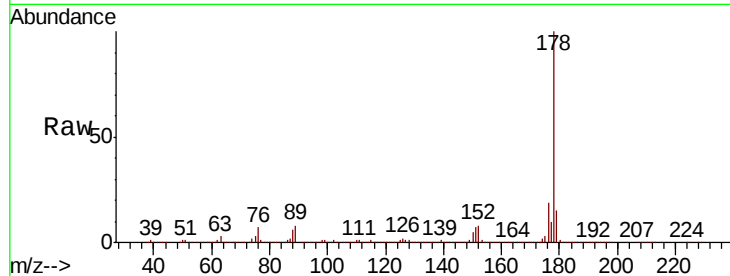
Tot Ion:178 Resp: 772234

Ion Ratio Lower Upper

178 100

176 18.8 16.7 25.1

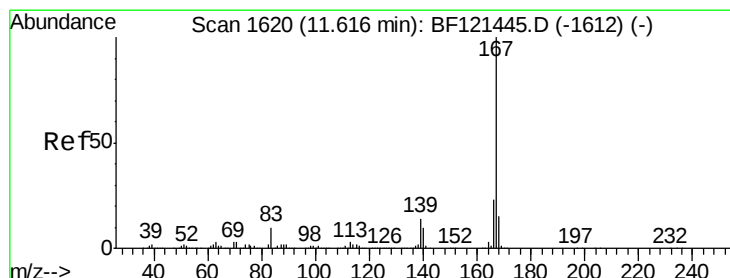
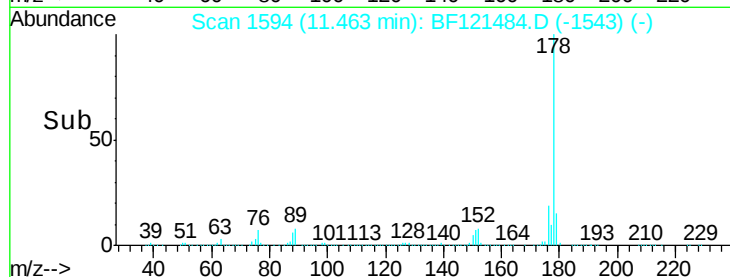
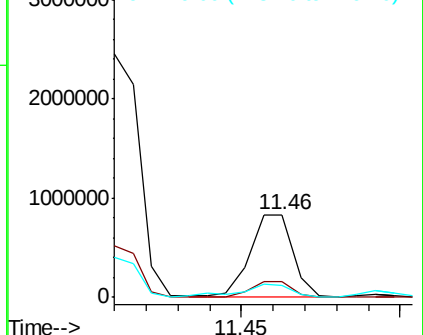
179 15.2 13.4 20.2



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



#73

Carbazole

Concen: 4.028 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

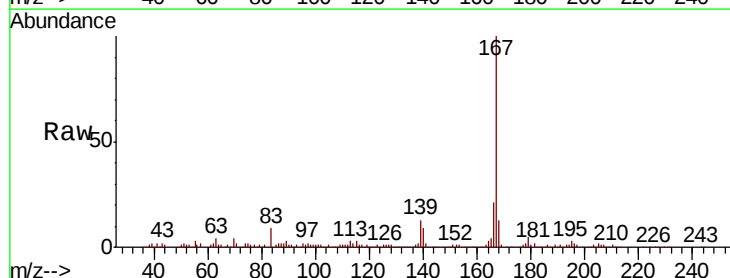
Tgt Ion:167 Resp: 185732

Ion Ratio Lower Upper

167 100

166 21.4 18.4 27.6

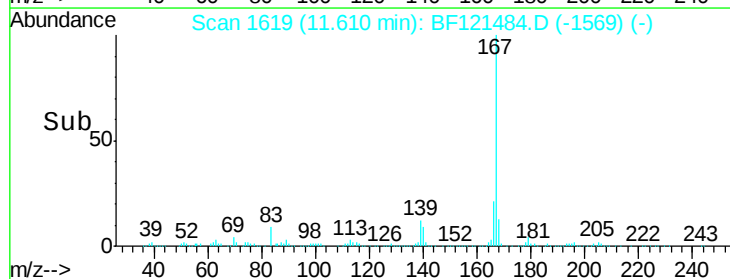
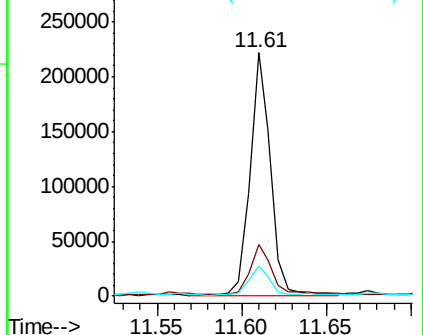
139 12.5 11.0 16.6

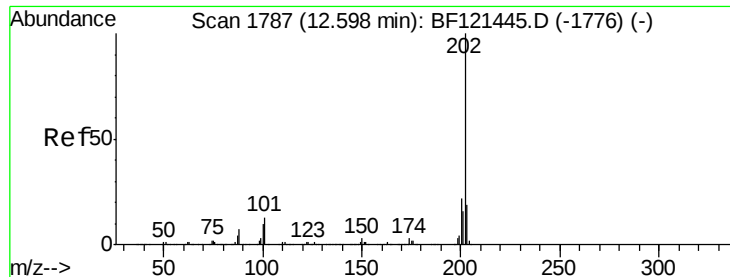


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 64.772 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-A

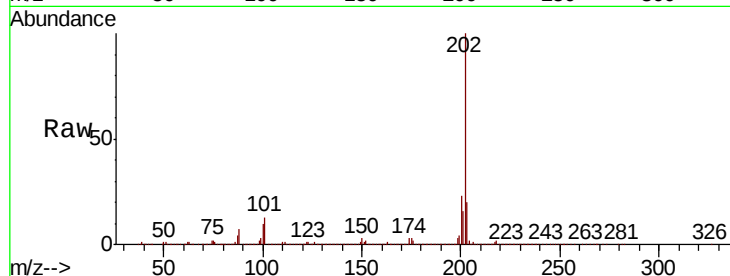
Tot Ion:202 Resp: 3394296

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.3

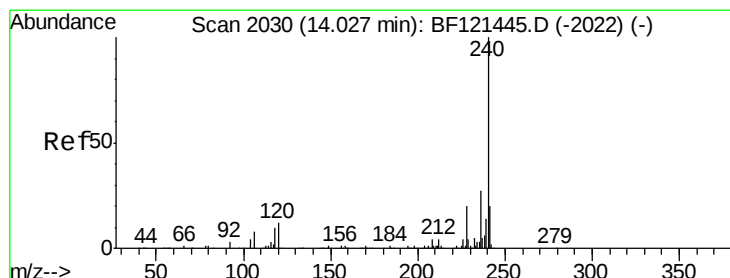
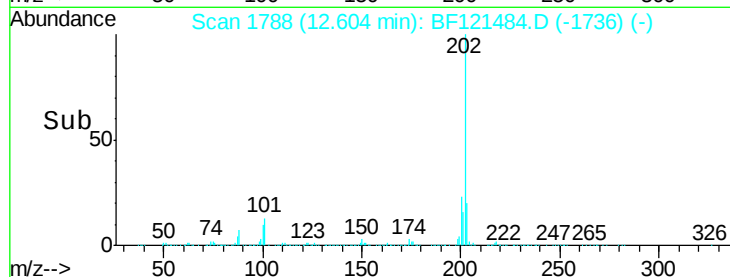
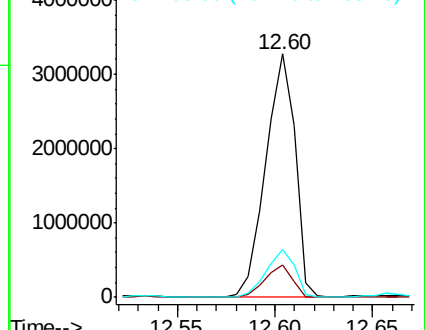
203 19.6 0.0 39.1



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# 2030

Delta R.T. 0.00 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

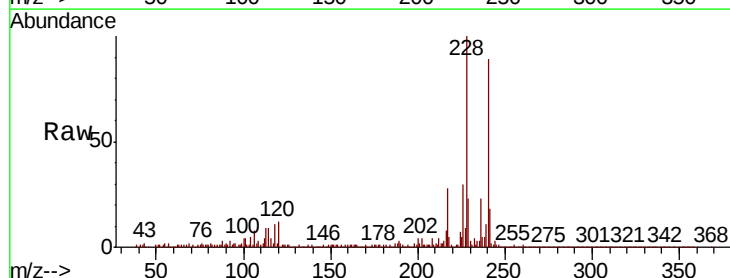
Tgt Ion:240 Resp: 640489

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

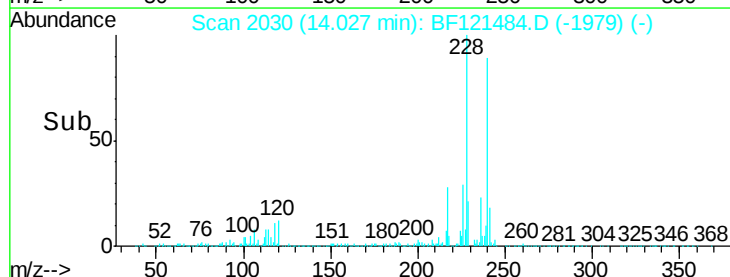
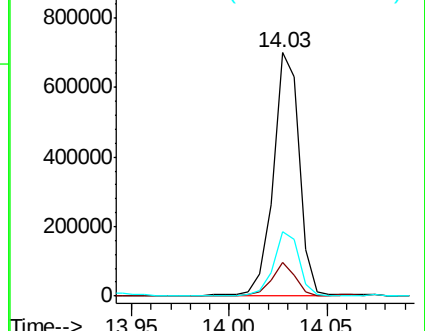
236 26.3 21.8 32.6

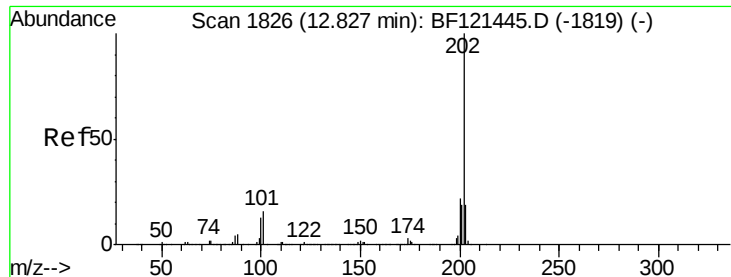


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

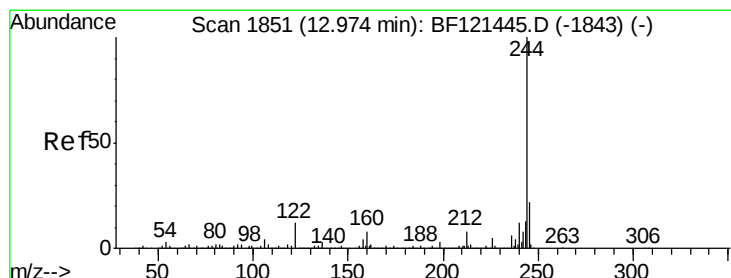
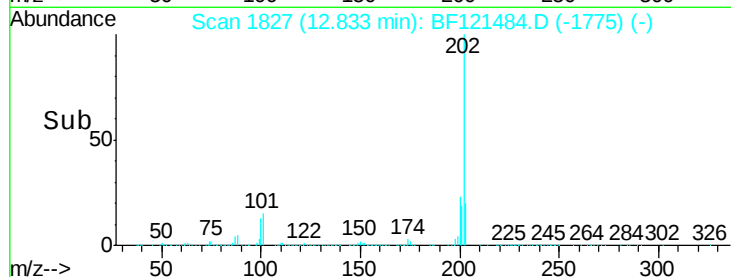
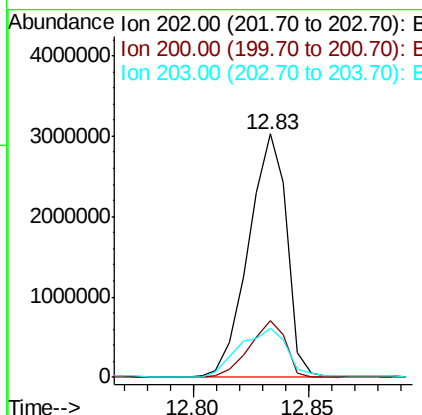
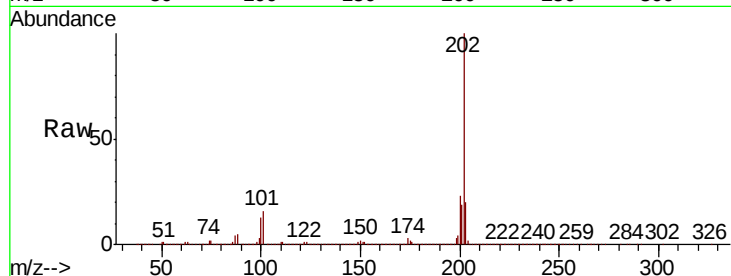




#78
Pvrene
Concen: 76.251 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

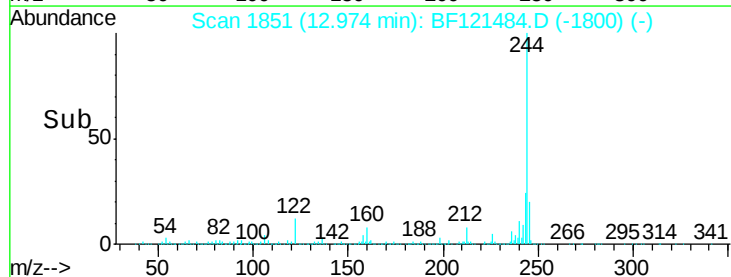
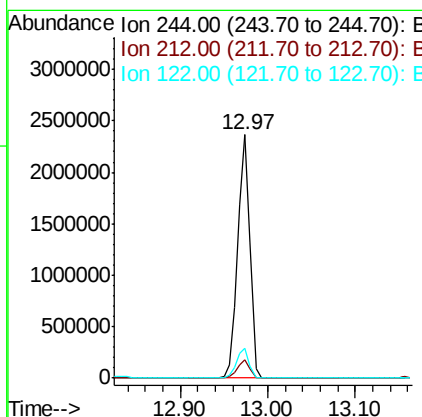
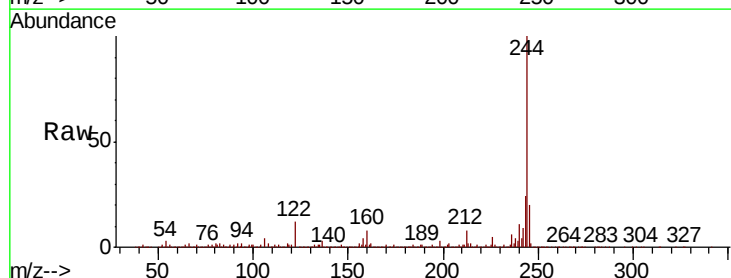
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-A

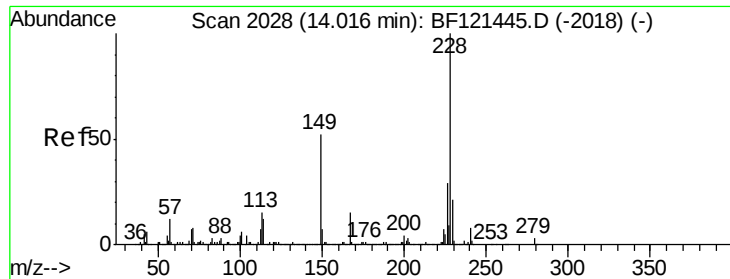
Tot Ion:202 Resp: 3487897
Ion Ratio Lower Upper
202 100
200 23.2 18.0 27.0
203 20.0 15.3 22.9



#79
Terphenyl-d14
Concen: 73.641 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Tgt Ion:244 Resp: 2240719
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 12.3 9.5 14.3

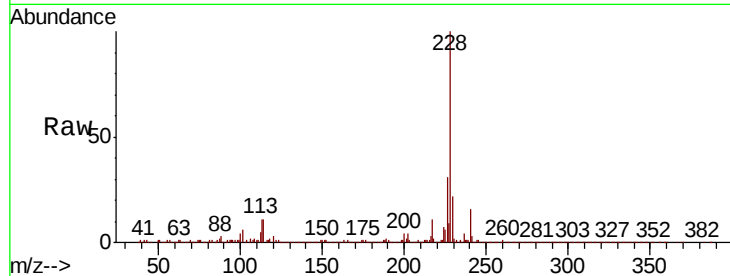




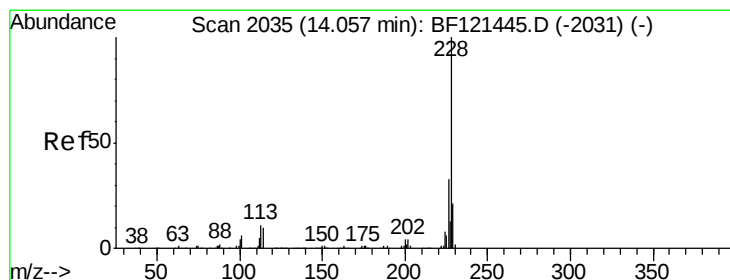
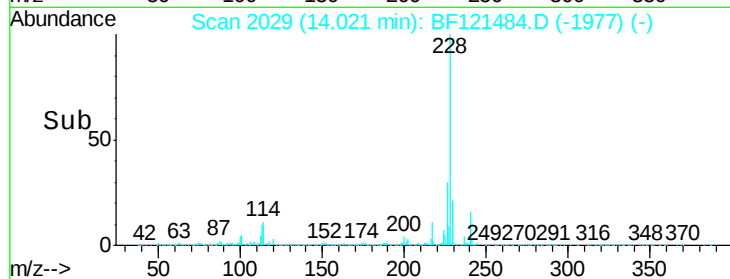
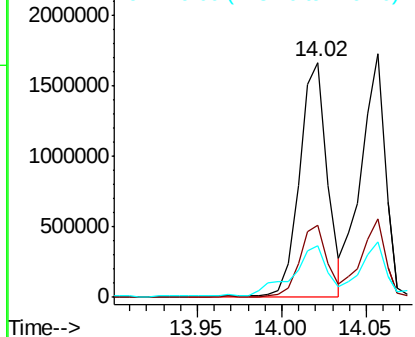
#81
Benzo(a)anthracene
Concen: 48.333 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-A

Tot Ion:228 Resp: 1889742
Ion Ratio Lower Upper
228 100
226 30.6 23.0 34.4
229 21.7 16.6 24.8

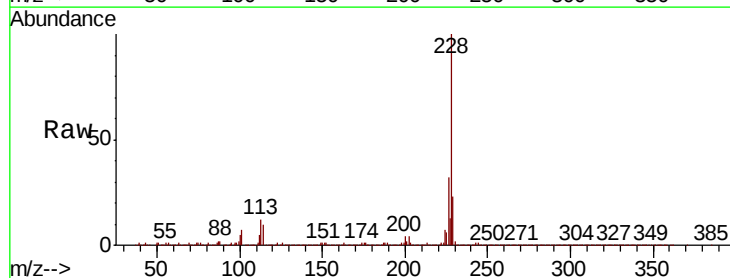


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

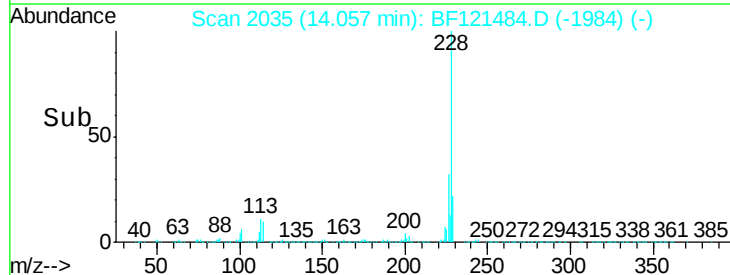
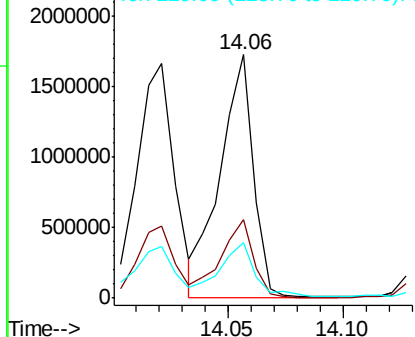


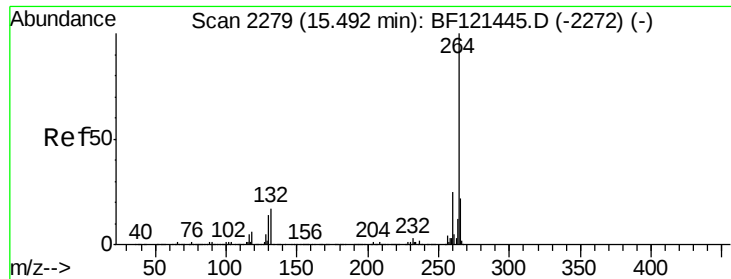
#83
Chrysene
Concen: 44.140 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Tgt Ion:228 Resp: 1726604
Ion Ratio Lower Upper
228 100
226 32.2 26.2 39.2
229 23.0 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

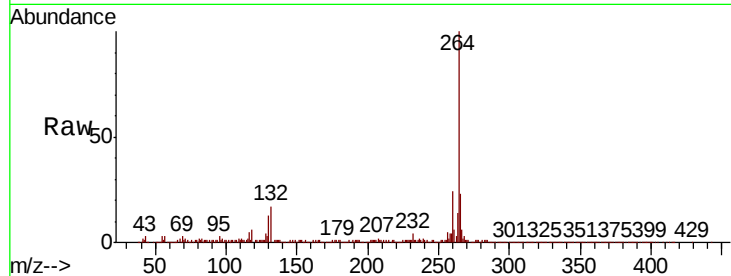




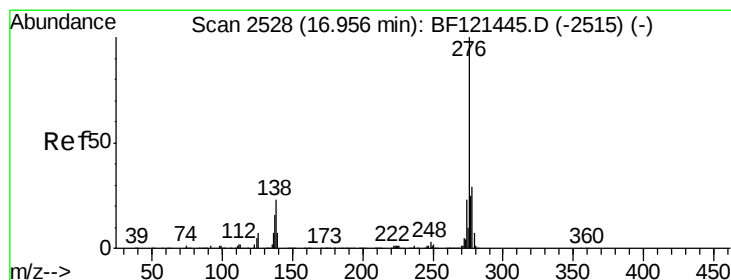
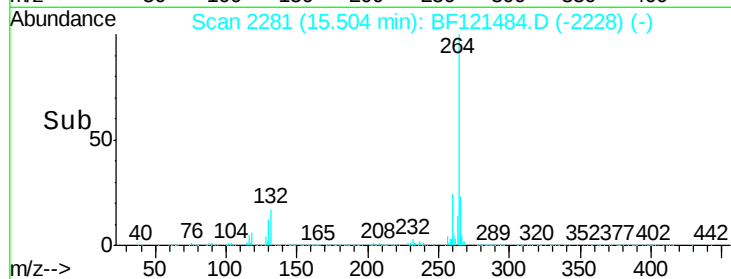
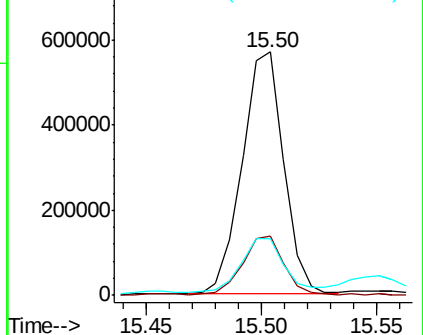
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-A

Tot	Ion:264	Resp:	716497
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	23.4	17.8	26.6

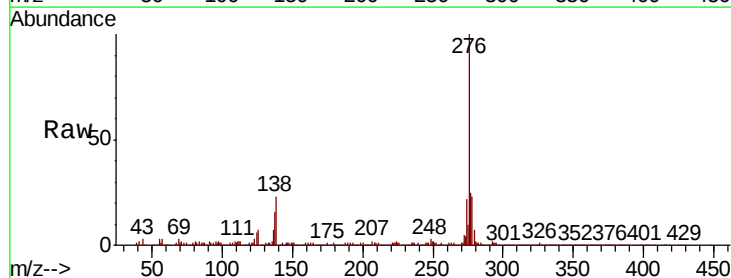


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

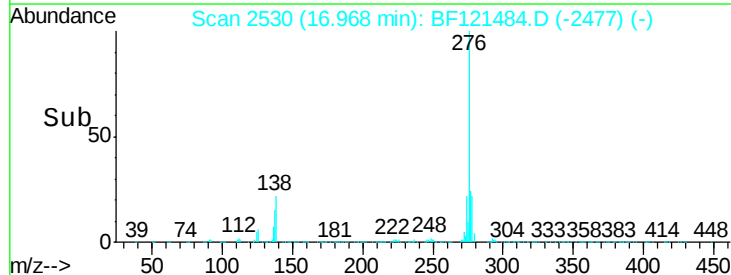
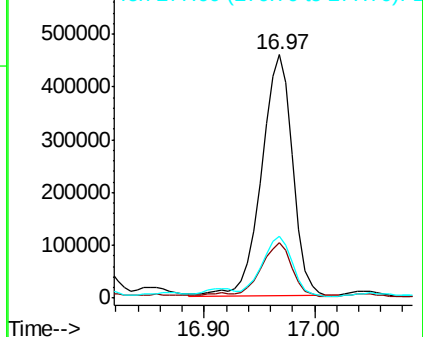


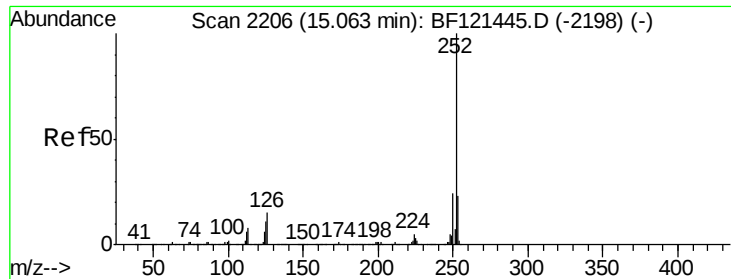
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.451 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Tgt Ion:276	Resp: 901574
Ion Ratio	Lower Upper
276 100	
138 23.5	20.6 31.0
277 24.0	20.5 30.7



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

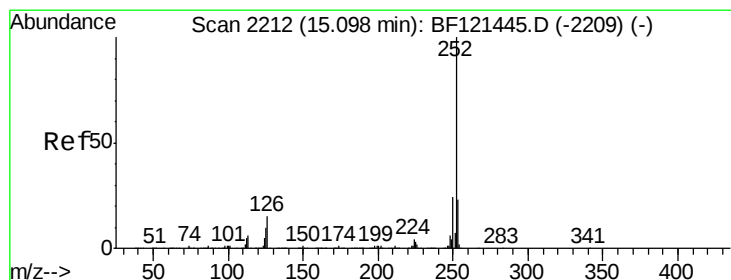
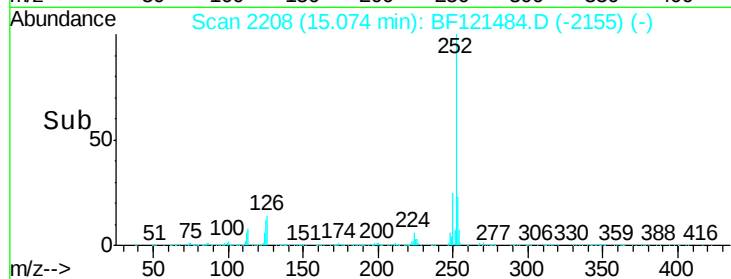
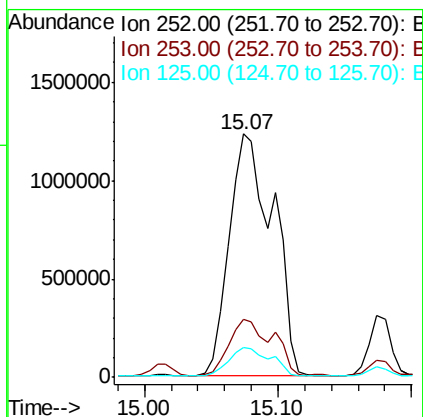
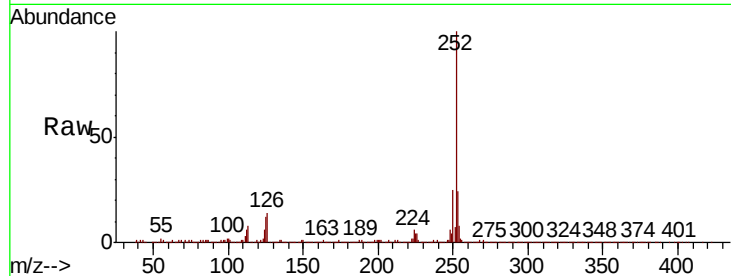




#88
Benzo(b)fluoranthene
Concen: 60.627 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

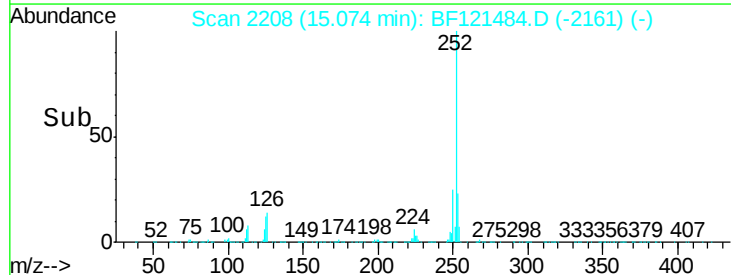
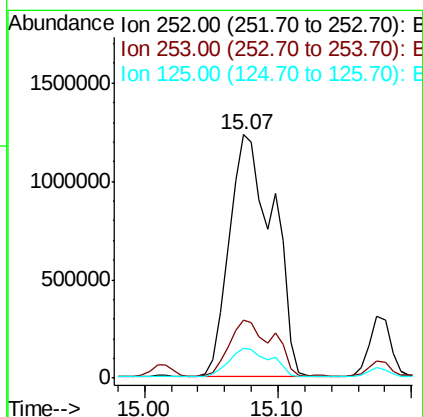
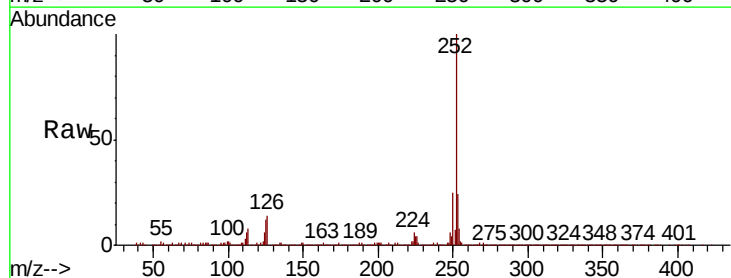
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-A

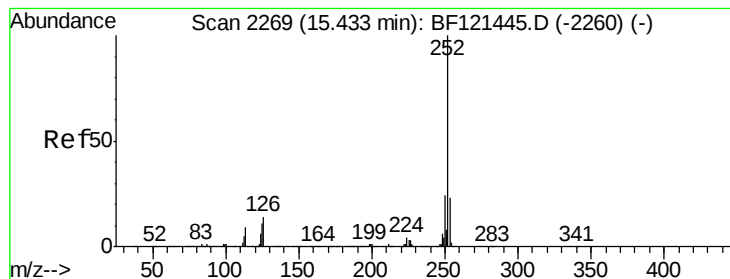
Tot Ion:252 Resp: 2825717
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 12.0 9.2 13.8



#89
Benzo(k)fluoranthene
Concen: 65.182 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF121484.D
Acq: 31 Aug 2020 18:31

Tgt Ion:252 Resp: 2825717
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 12.0 8.5 12.7





#90

Benzo(a)pyrene

Concen: 39.674 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-A

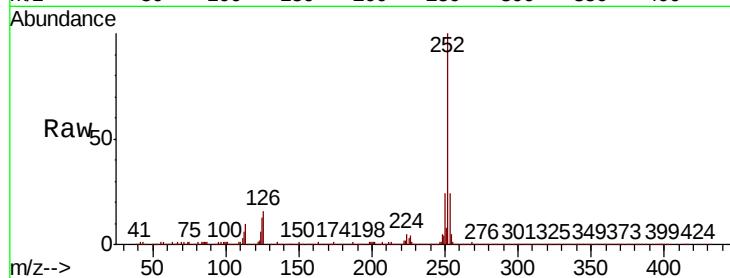
Tot Ion:252 Resp: 1662736

Ion Ratio Lower Upper

252 100

253 24.3 18.0 27.0

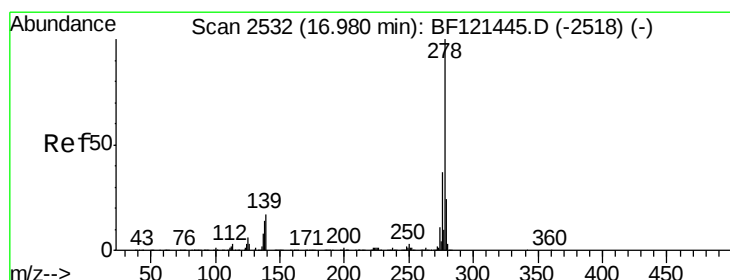
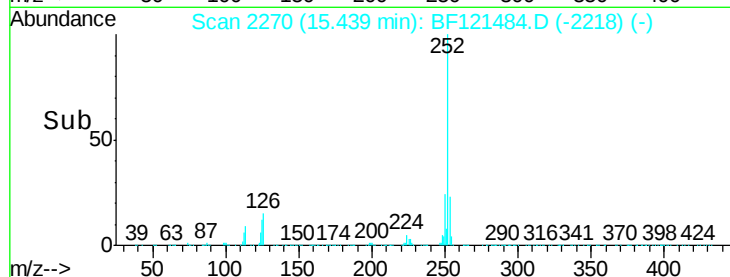
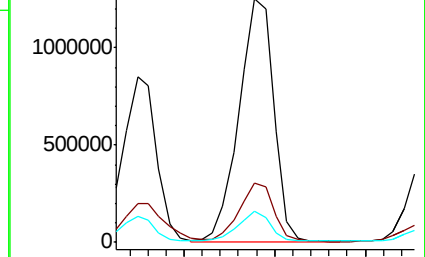
125 12.6 9.0 13.4



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: 6.559 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

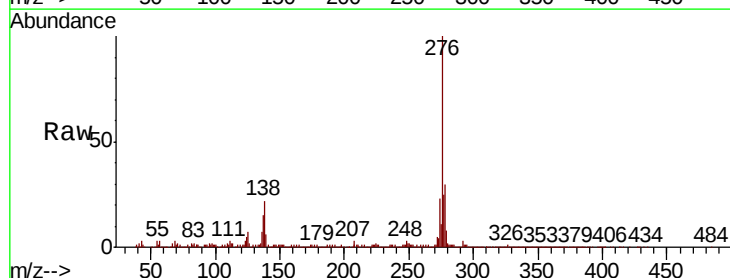
Tgt Ion:278 Resp: 236690

Ion Ratio Lower Upper

278 100

139 19.2 13.3 19.9

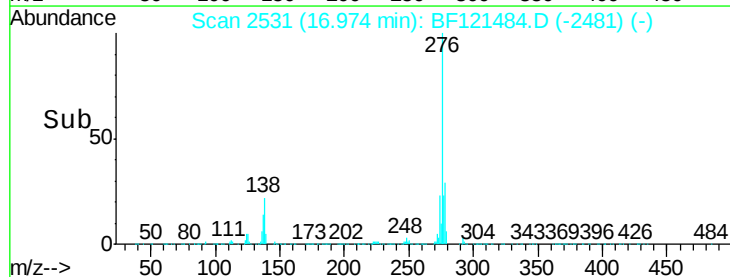
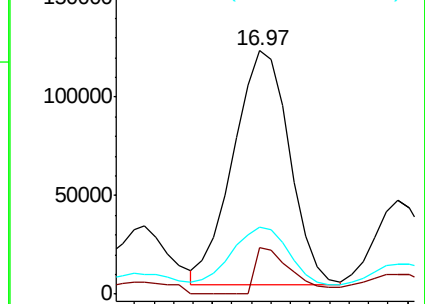
279 27.4 19.4 29.0

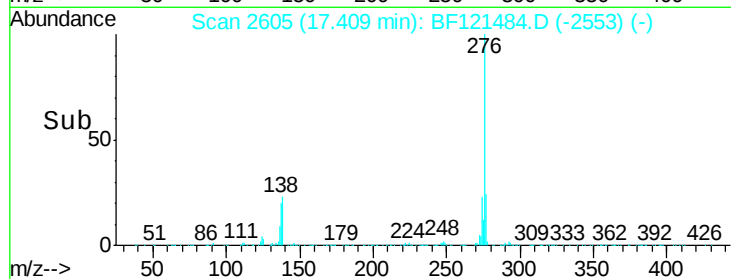
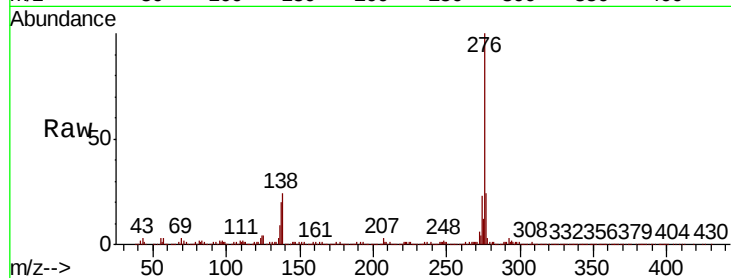
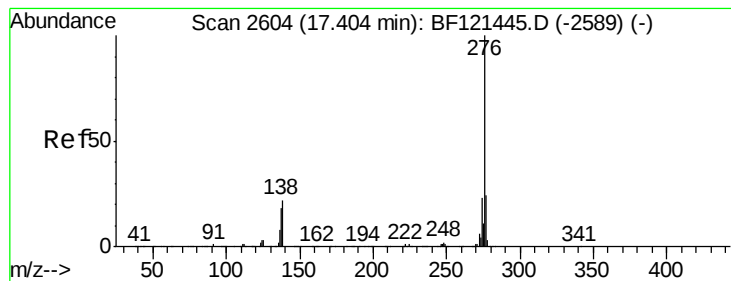


Abundance Ion 278.00 (277.70 to 278.70): E

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: 23.965 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BF121484.D

Acq: 31 Aug 2020 18:31

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-A

Tot Ion:276 Resp: 833072

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 23.6 17.4 26.0

