

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121486.D
 Acq On : 31 Aug 2020 19:32
 Operator : JU/CG
 Sample : L3847-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 01 00:31:50 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	317069	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1139248	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	564080	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	925033	20.00	ng	0.00
76) Chrysene-d12	14.03	240	651822	20.00	ng	0.00
86) Perylene-d12	15.50	264	682208	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	917077	48.53	ng	0.00
7) Phenol-d6	6.48	99	1198108	45.37	ng	-0.01
23) Nitrobenzene-d5	7.42	82	754960	45.30	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	291174	51.11	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1446121	41.37	ng	0.00
79) Terphenyl-d14	12.97	244	1152233	37.21	ng	0.00

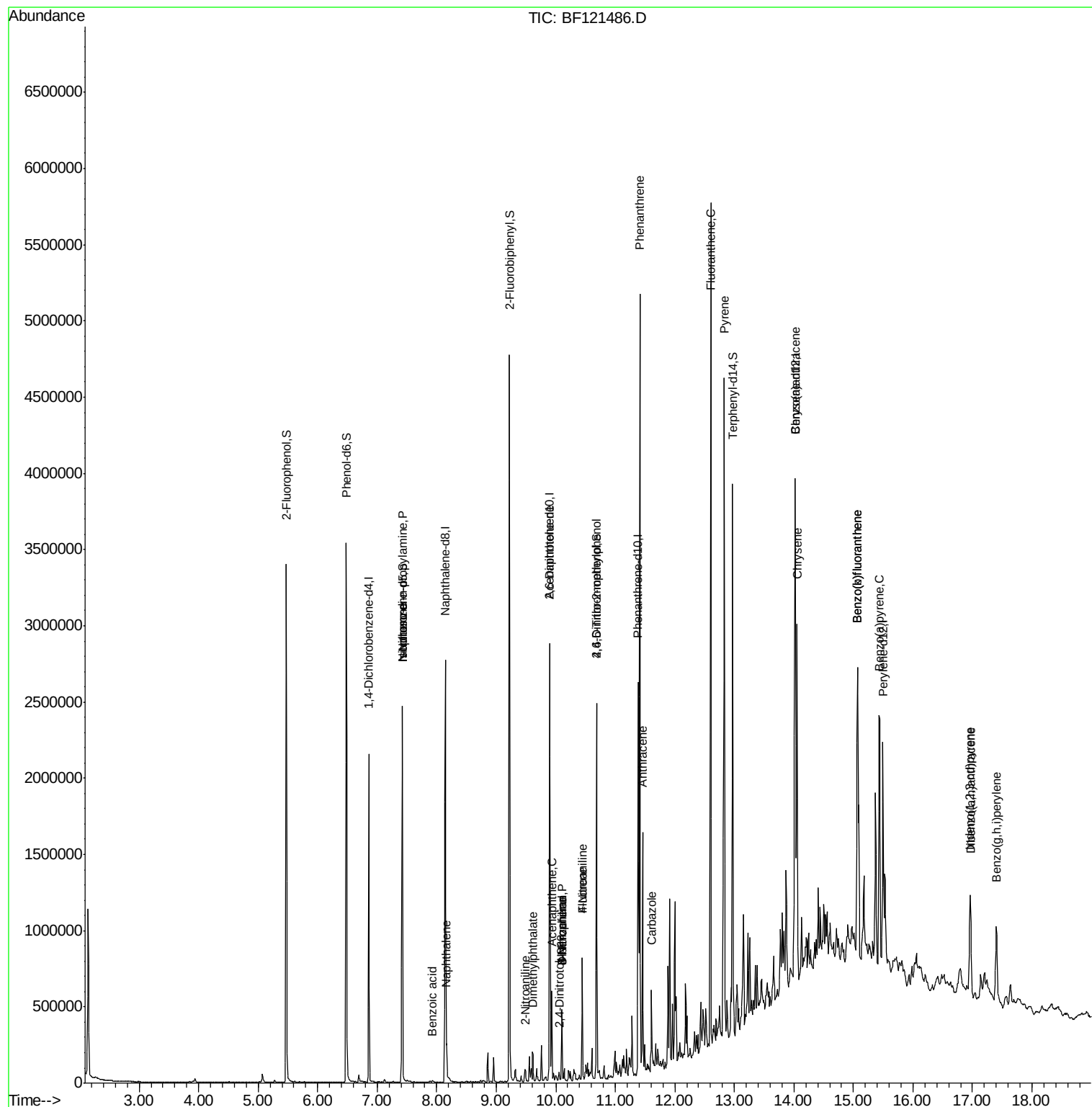
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.40	77	396	Below Cal		# 55
19) n-Nitroso-di-n-propylamine	7.42	70	97994	6.640	ng	# 80
25) Isophorone	7.42	82	745446	19.888	ng	# 64
31) Naphthalene	8.16	128	119809	2.118	ng	# 97
32) Benzoic acid	7.93	122	923	6.782	ng	# 31
48) 2-Nitroaniline	9.49	65	595	6.700	ng	# 5
50) Dimethylphthalate	9.61	163	78175	2.018	ng	# 99
51) 2,6-Dinitrotoluene	9.90	165	75360	15.408	ng	# 25
52) Acenaphthene	9.93	154	115756	3.493	ng	# 97
53) 3-Nitroaniline	10.10	138	2577	5.699	ng	# 14
55) Dibenzofuran	10.10	168	155450	3.229	ng	# 98
56) 4-Nitrophenol	10.10	139	58430	14.900	ng	# 7
57) 2,4-Dinitrotoluene	10.06	165	2604	7.523	ng	# 38
58) Fluorene	10.45	166	204541	5.637	ng	# 99
62) 4-Nitroaniline	10.45	138	2195	4.745	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.69	198	663	5.821	ng	# 1
71) Phenanthrene	11.41	178	1945673	40.987	ng	# 99
72) Anthracene	11.46	178	576311	12.343	ng	# 95
73) Carbazole	11.61	167	212954	4.730	ng	# 97
75) Fluoranthene	12.60	202	2187433	42.756	ng	# 99
78) Pyrene	12.83	202	1986412	42.671	ng	# 98
81) Benzo(a)anthracene	14.02	228	1018002	25.584	ng	# 98
83) Chrysene	14.05	228	849165	21.331	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.96	276	459299	10.942	ng	# 94
88) Benzo(b)fluoranthene	15.07	252	1540866	34.722	ng	# 99
89) Benzo(k)fluoranthene	15.07	252	1540866	37.330	ng	# 98
90) Benzo(a)pyrene	15.44	252	864427	21.662	ng	# 99
91) Dibenzo(a,h)anthracene	16.97	278	114461	3.331	ng	# 93
92) Benzo(g,h,i)perylene	17.40	276	412253	12.455	ng	# 98

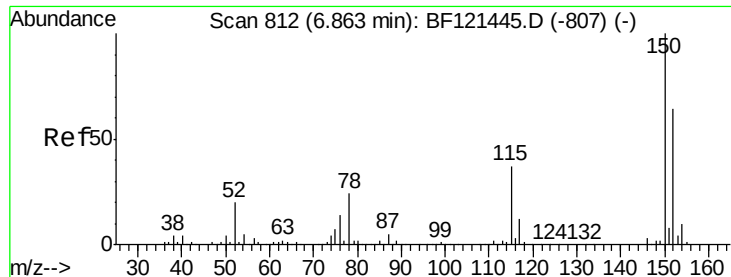
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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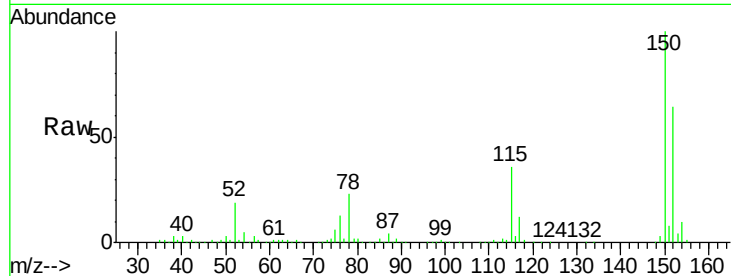


#1

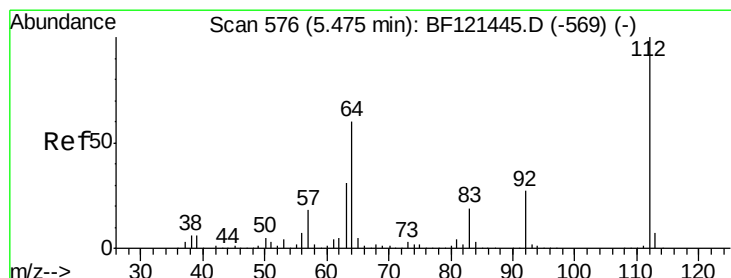
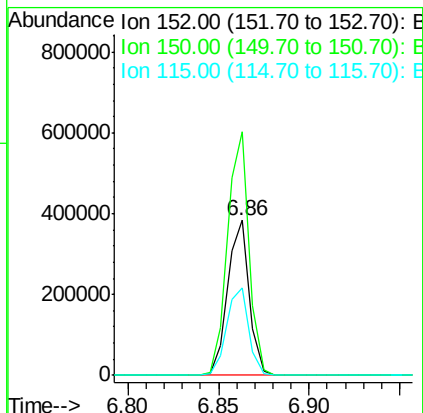
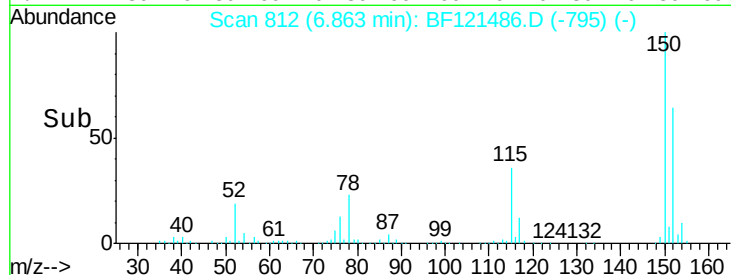
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF121486.D
 Acq: 31 Aug 2020 19:32

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.8	188.6
115	56.4	46.6	69.8



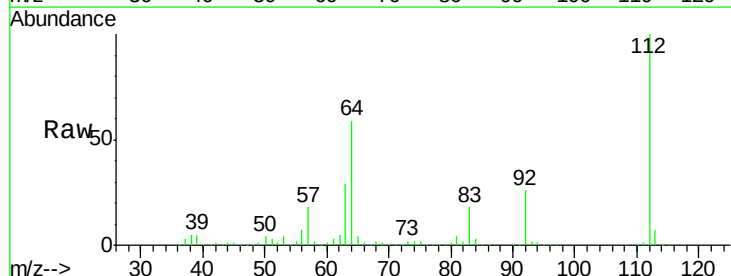
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



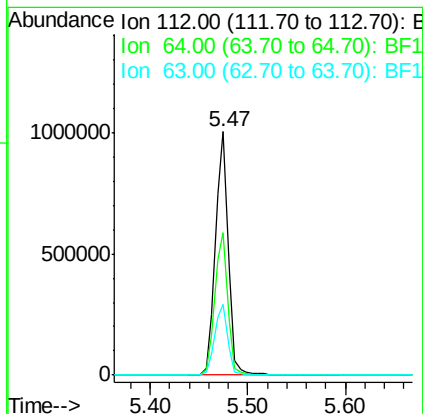
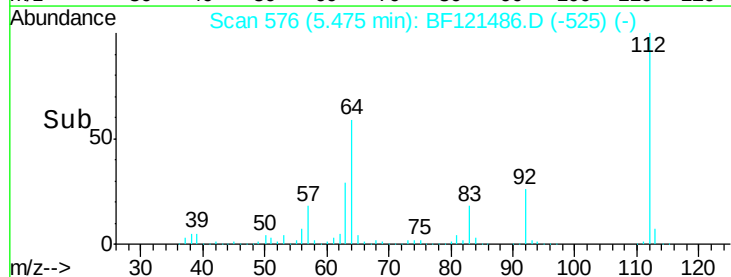
#5

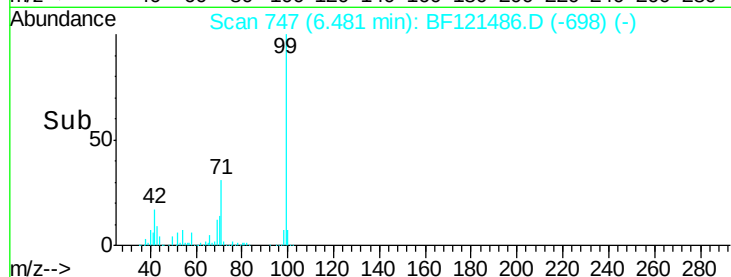
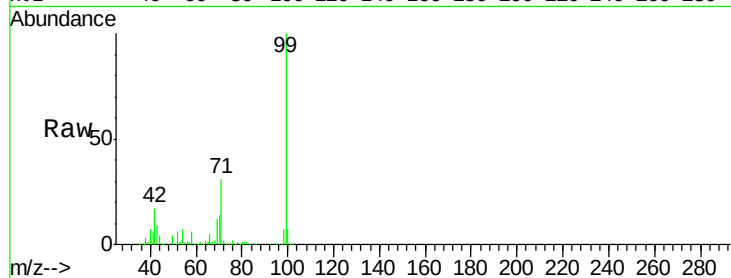
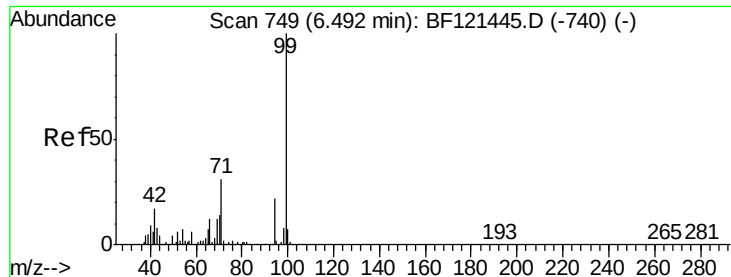
2-Fluorophenol
 Concen: 48.526 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF121486.D
 Acq: 31 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	48.2	72.2
63	28.9	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: 45.365 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-B

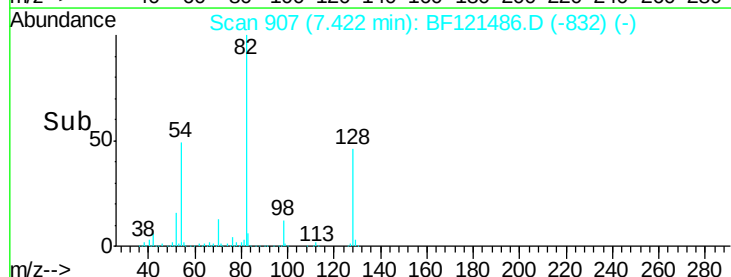
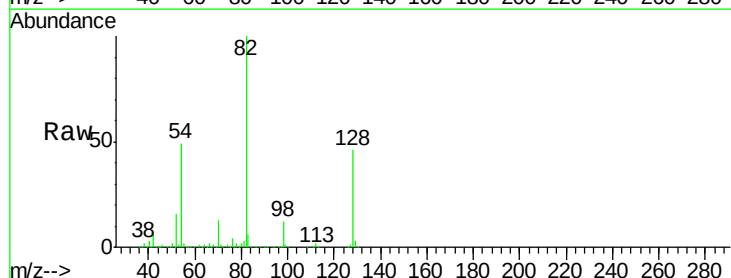
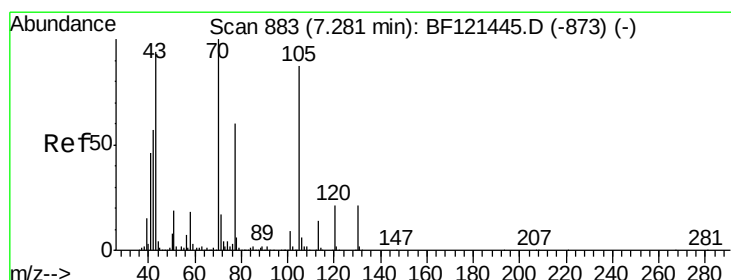
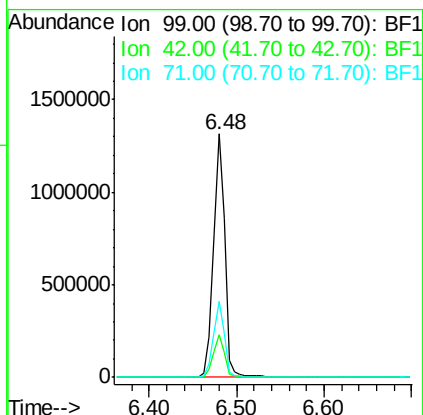
Tot Ion: 99 Resp: 1198108

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

71 31.1 24.6 37.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.640 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

Tgt Ion: 70 Resp: 97994

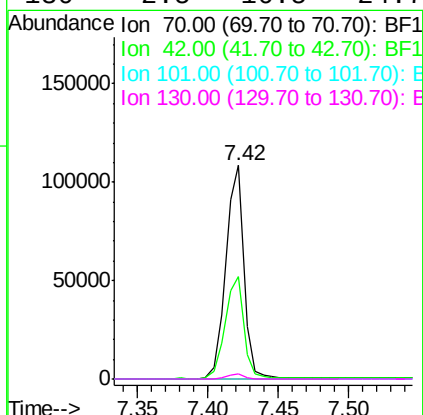
Ion Ratio Lower Upper

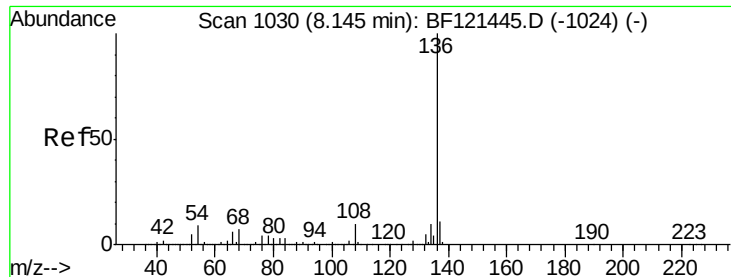
70 100

42 47.8 45.8 68.6

101 0.0 7.5 11.3#

130 2.5 16.5 24.7#

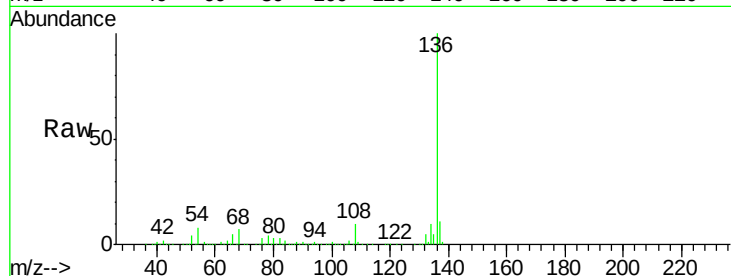




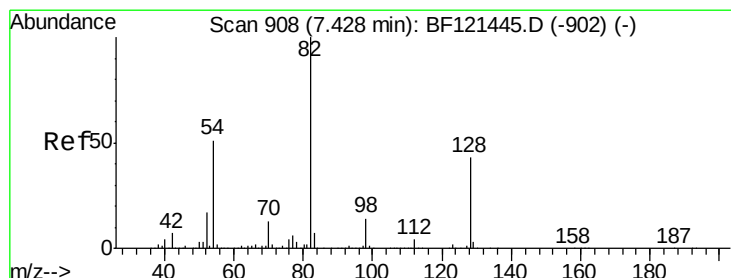
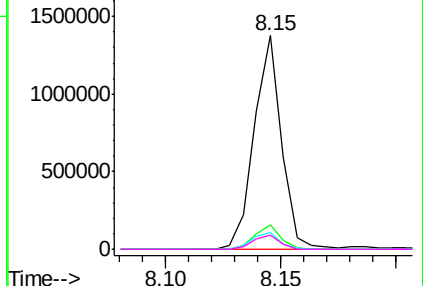
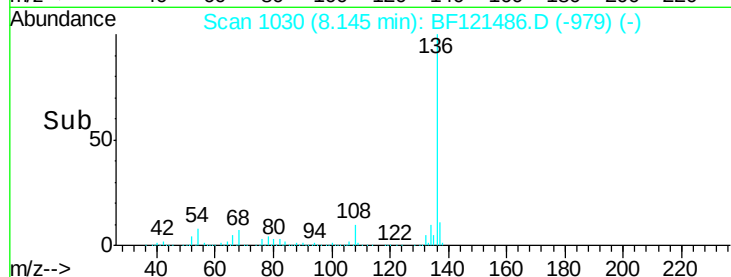
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

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

Tot Ion:136	Resp: 1139248
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 7.9	7.0 10.4
68 6.6	5.5 8.3

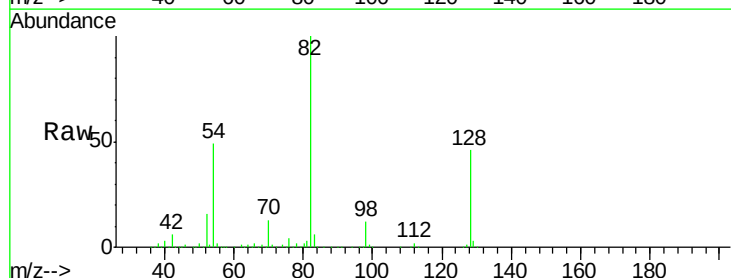


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

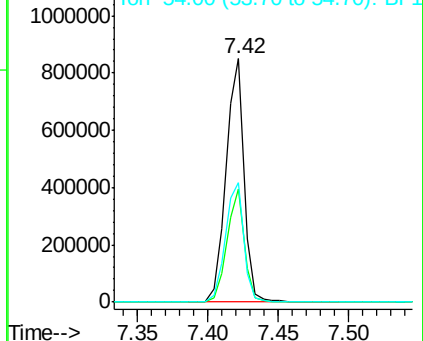
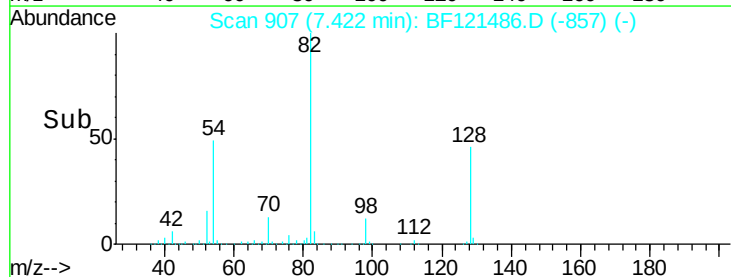


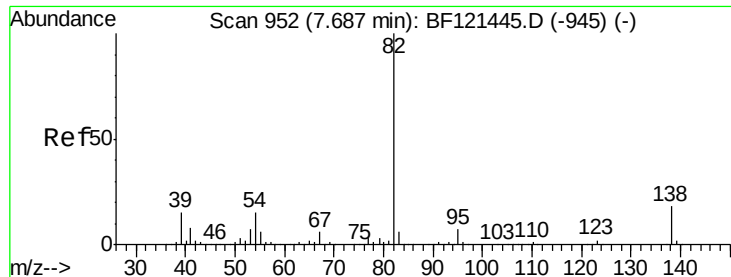
#23
Nitrobenzene-d5
Concen: 45.305 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

Tgt Ion: 82	Resp: 754960
Ion Ratio	Lower Upper
82 100	
128 46.5	34.1 51.1
54 49.1	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: 19.888 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-B

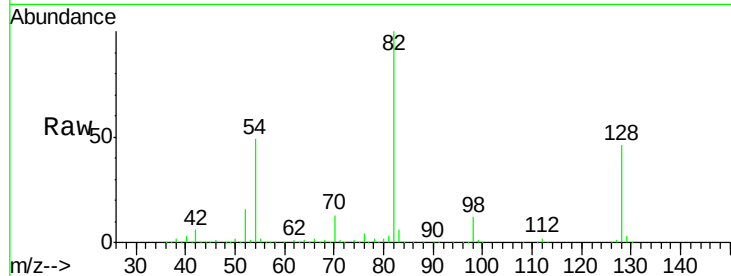
Tot Ion: 82 Resp: 745446

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

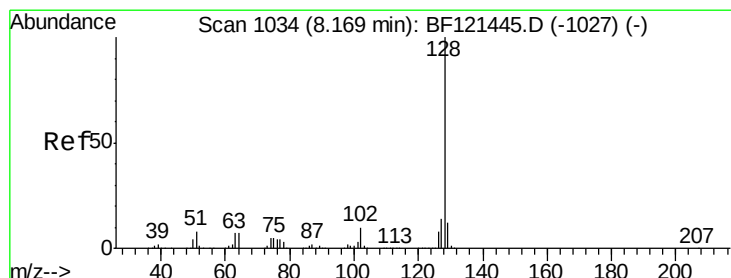
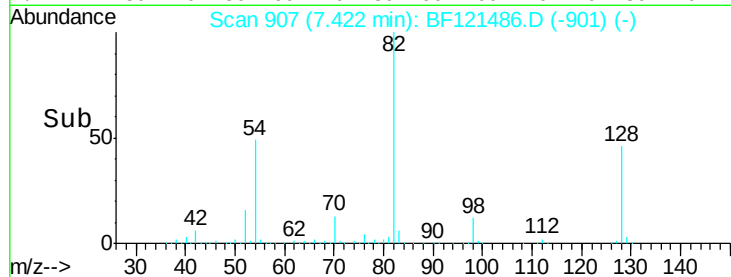
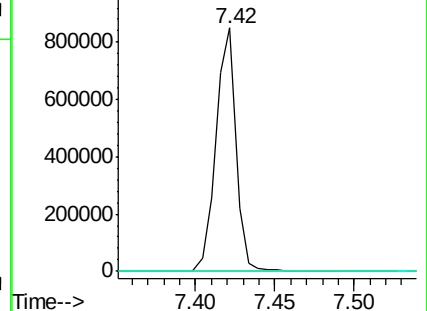
138 0.0 14.8 22.2#



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



#31

Naphthalene

Concen: 2.118 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

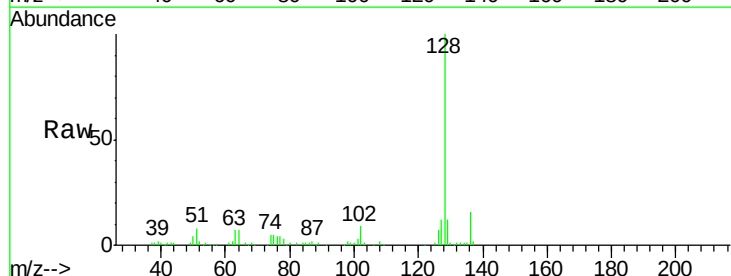
Tgt Ion: 128 Resp: 119809

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

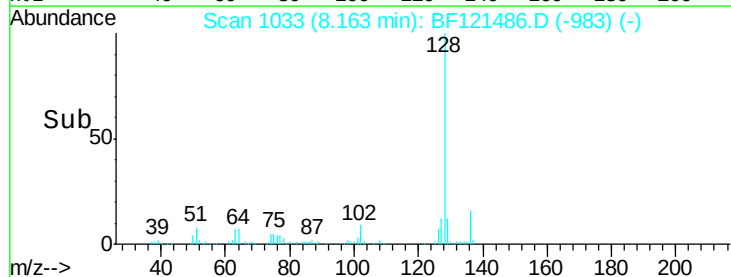
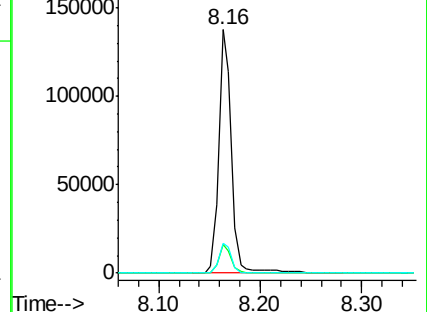
127 12.5 11.4 17.2

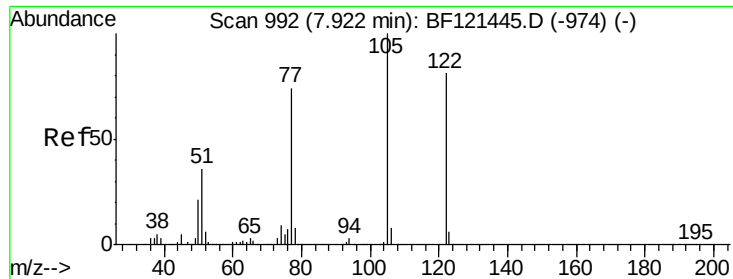


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

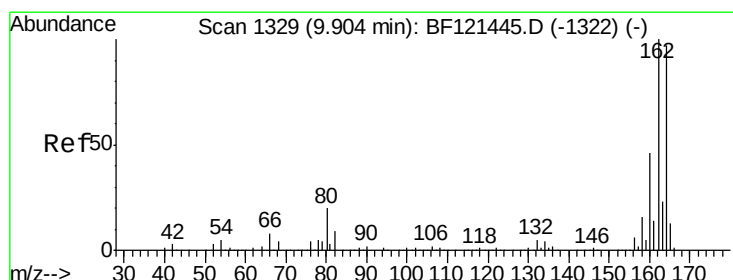
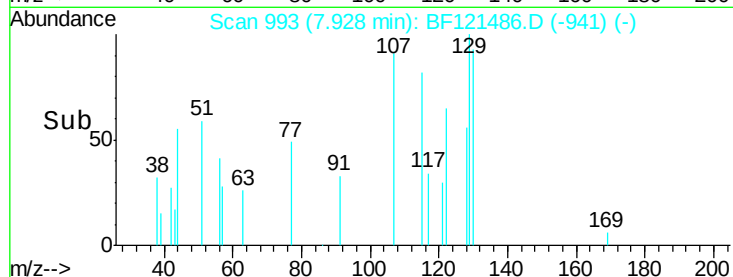
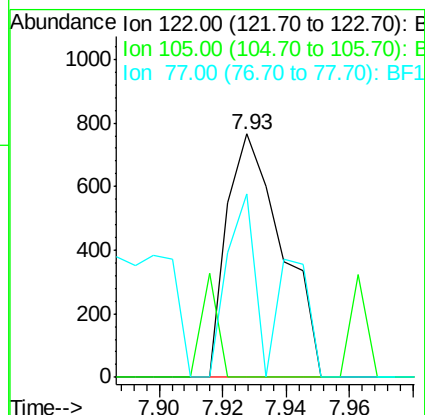
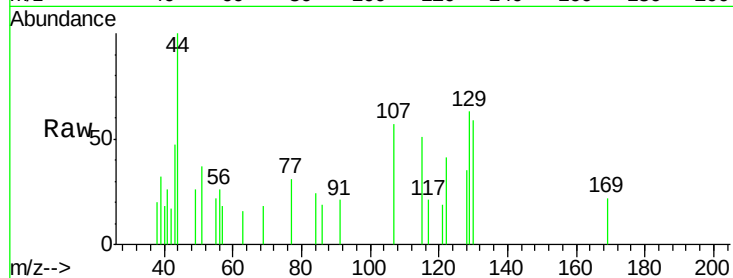




#32
Benzoic acid
Concen: 6.782 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

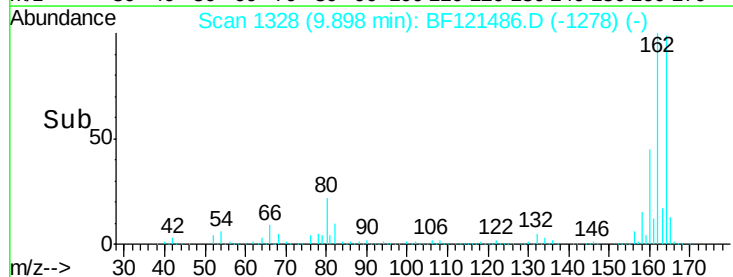
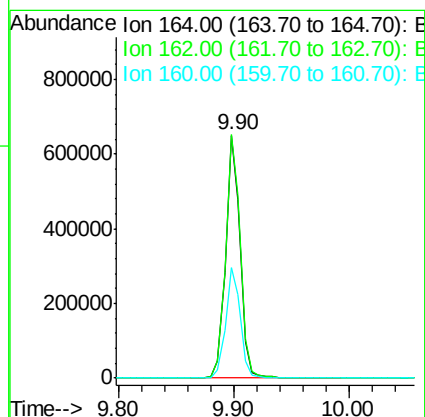
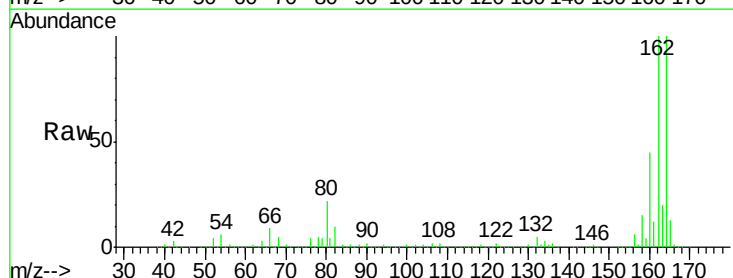
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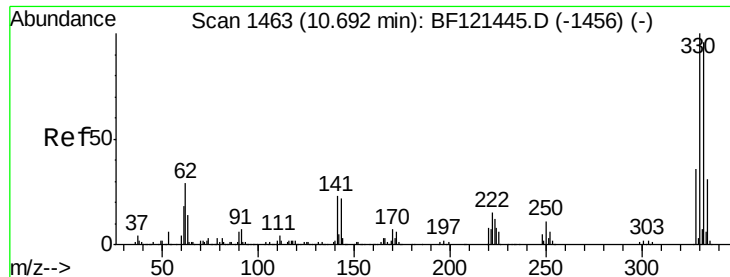
Tot Ion:122 Resp: 923
Ion Ratio Lower Upper
122 100
105 0.0 100.8 140.8#
77 75.3 71.5 111.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

Tgt Ion:164 Resp: 564080
Ion Ratio Lower Upper
164 100
162 100.4 82.4 123.6
160 45.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 51.106 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-B

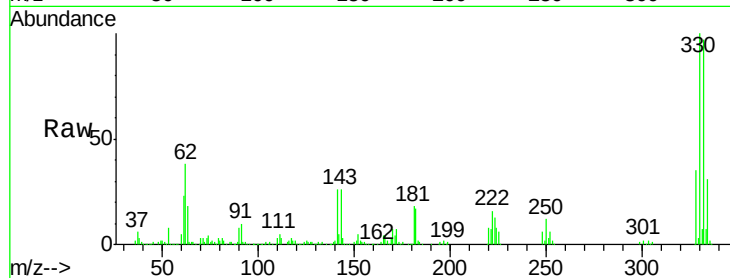
Tot Ion:330 Resp: 291174

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.2

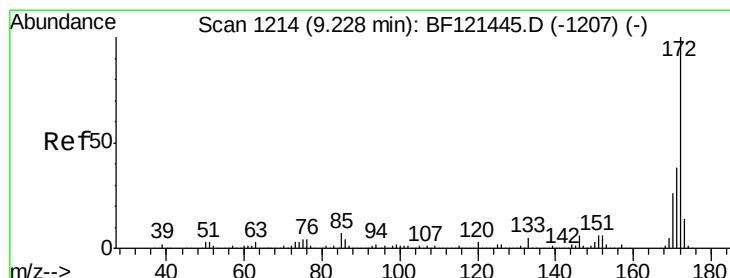
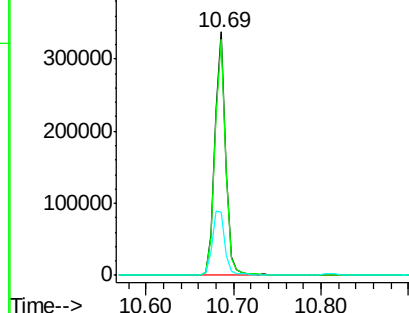
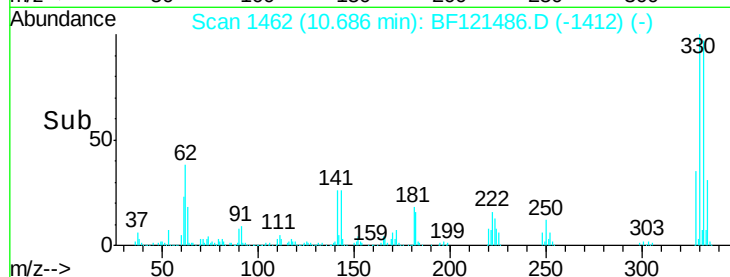
141 30.9 24.6 36.8



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: 41.366 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

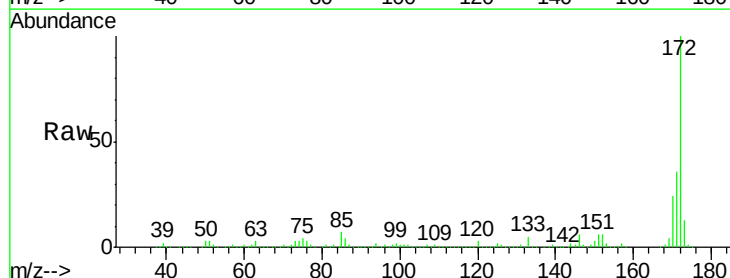
Tgt Ion:172 Resp: 1446121

Ion Ratio Lower Upper

172 100

171 36.5 30.6 45.8

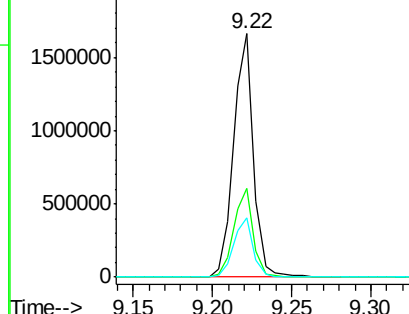
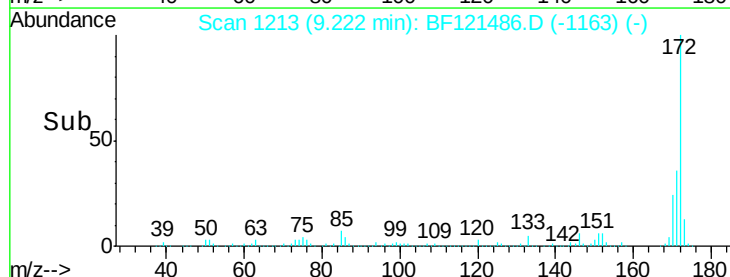
170 24.4 20.6 31.0

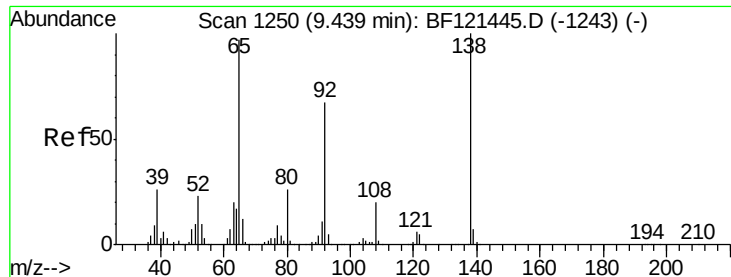


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

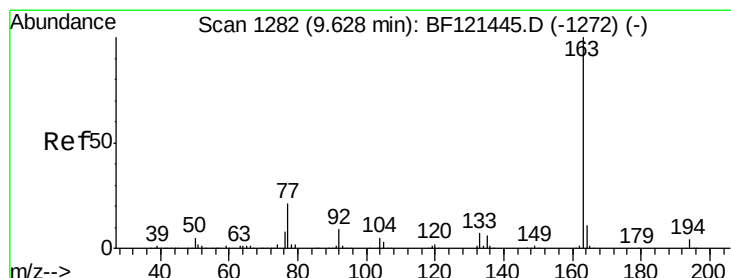
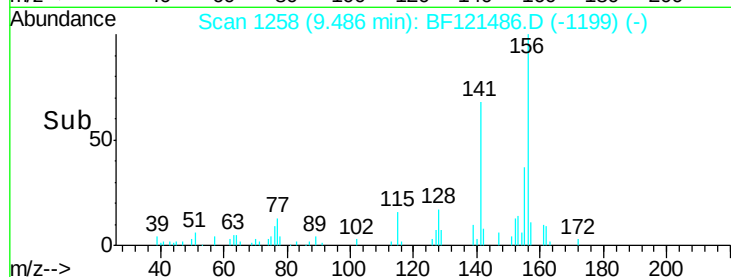
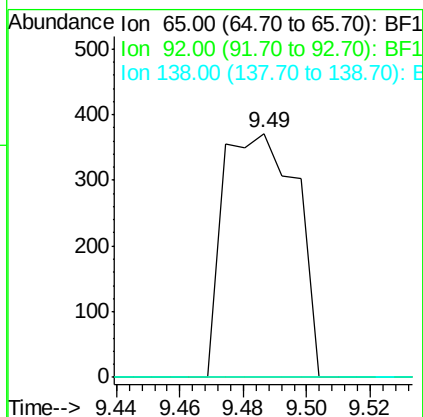
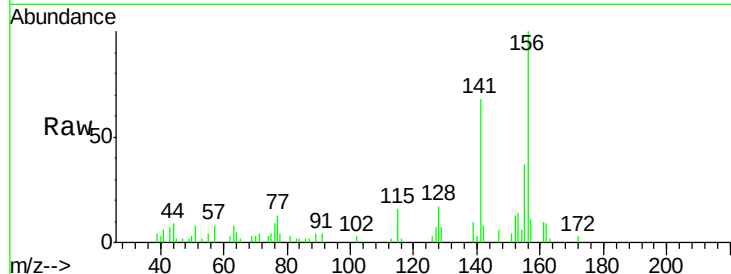




#48
2-Nitroaniline
Concen: 6.700 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.05 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

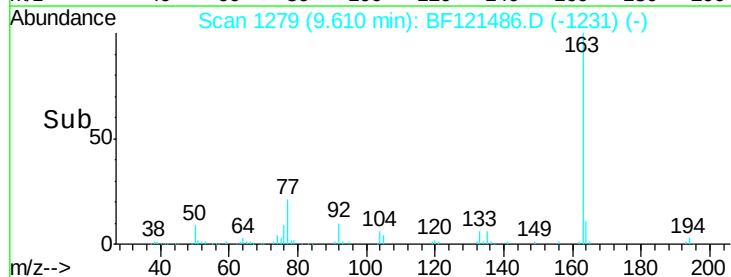
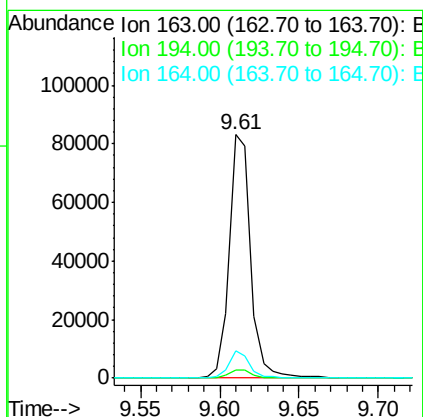
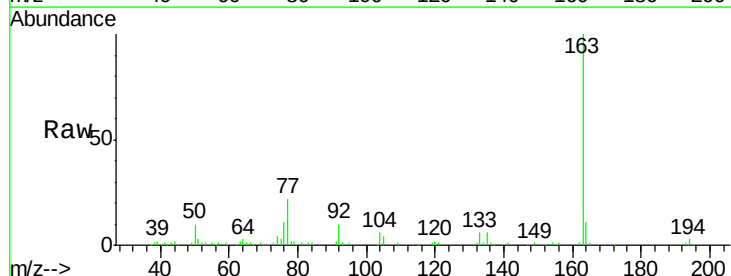
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-B

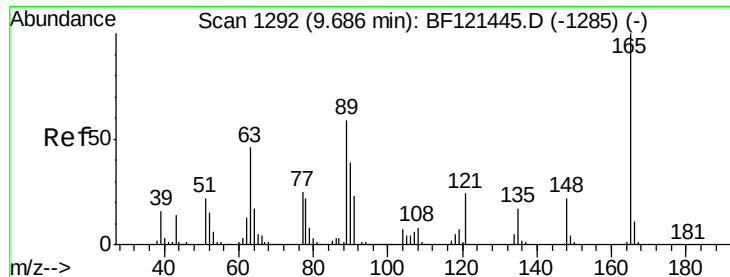
Tot Ion: 65 Resp: 595
Ion Ratio Lower Upper
65 100
92 0.0 55.6 83.4#
138 0.0 82.9 124.3#



#50
Dimethylphthalate
Concen: 2.018 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

Tgt Ion: 163 Resp: 78175
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 11.0 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 15.408 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.21 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-B

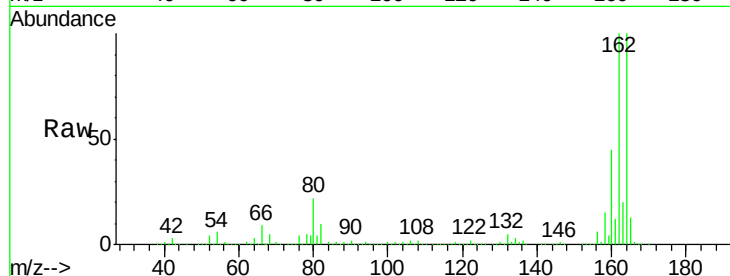
Tot Ion:165 Resp: 75360

Ion Ratio Lower Upper

165 100

63 1.4 43.6 65.4#

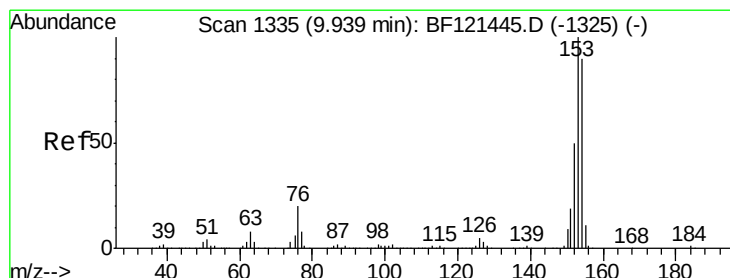
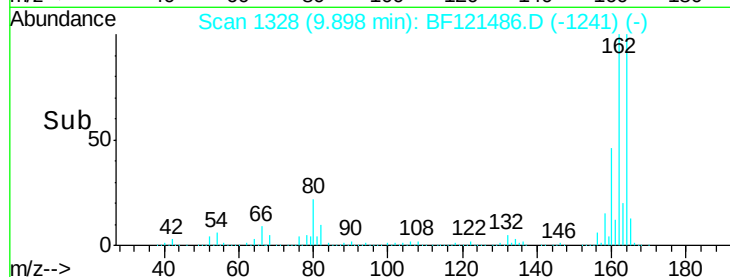
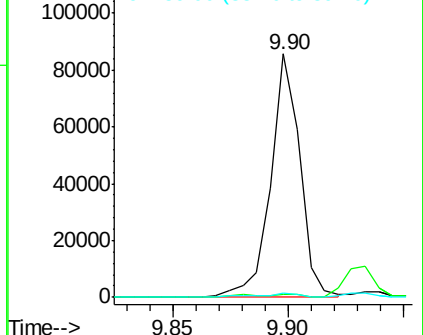
89 1.7 47.4 71.2#



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: 3.493 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

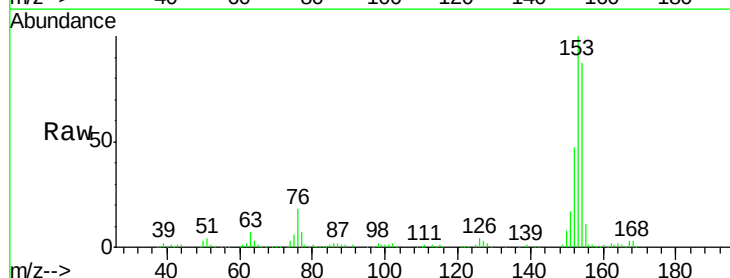
Tgt Ion:154 Resp: 115756

Ion Ratio Lower Upper

154 100

153 114.4 88.9 133.3

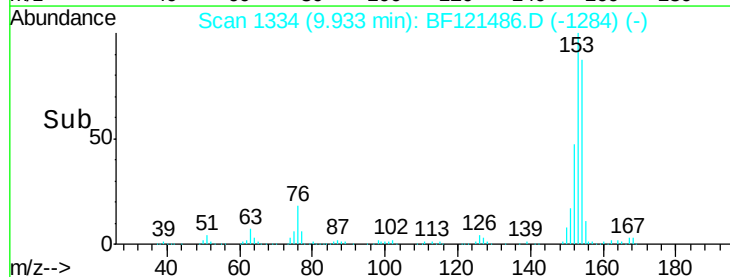
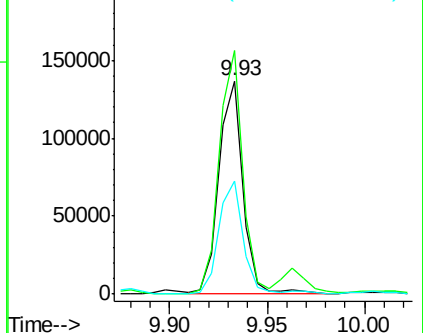
152 53.4 44.1 66.1

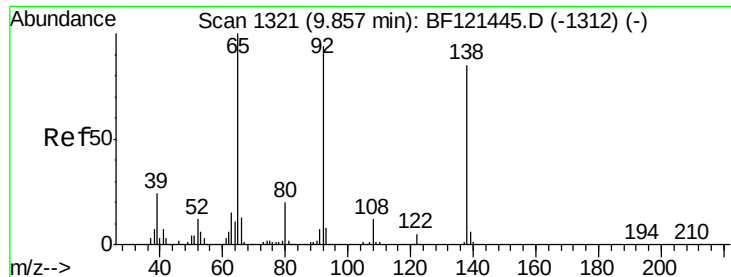


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

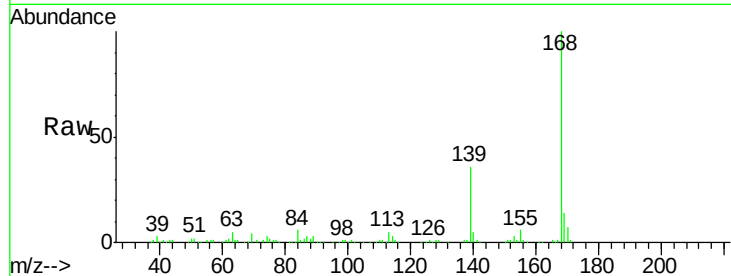




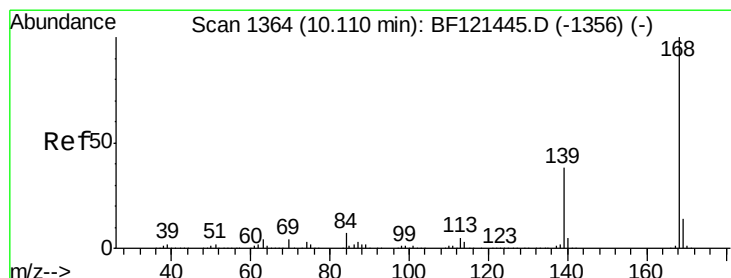
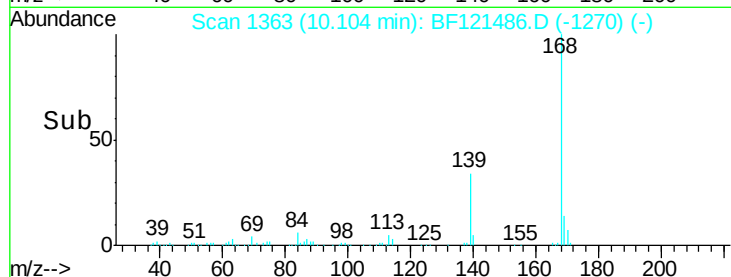
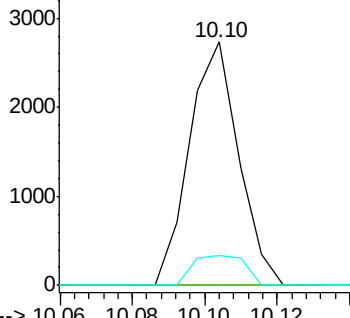
#53
3-Nitroaniline
Concen: 5.699 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.25 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

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

Tot Ion:138 Resp: 2577
Ion Ratio Lower Upper
138 100
108 0.0 11.6 17.4#
92 12.3 88.6 132.8#

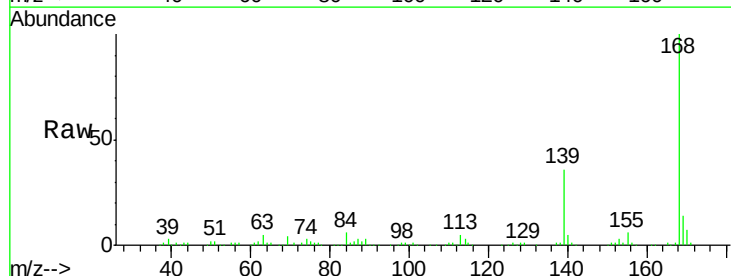


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

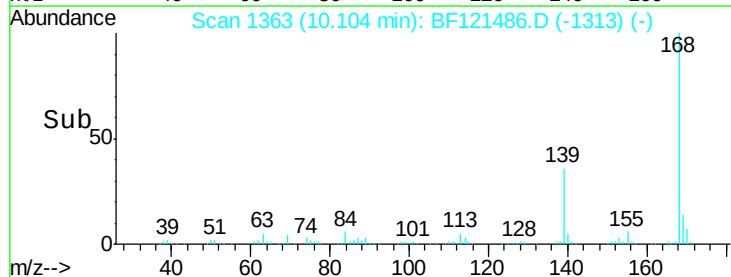
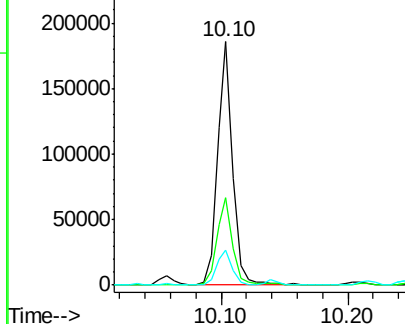


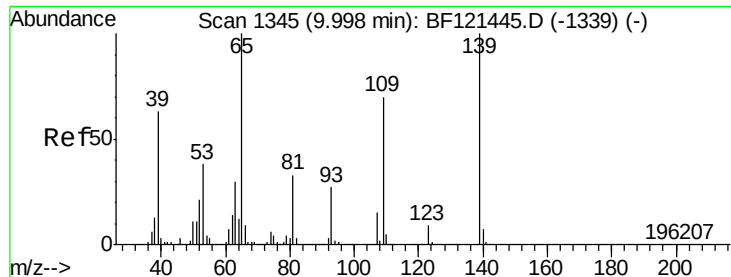
#55
Dibenzofuran
Concen: 3.229 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

Tgt Ion:168 Resp: 155450
Ion Ratio Lower Upper
168 100
139 35.9 30.1 45.1
169 14.3 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

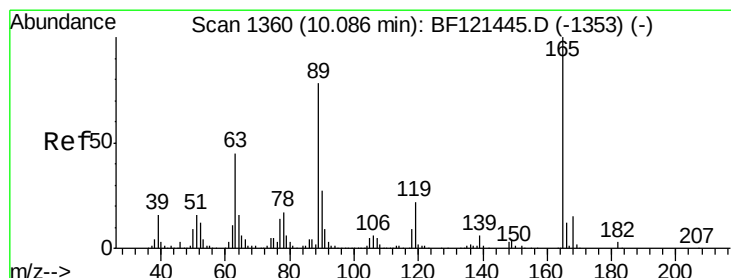
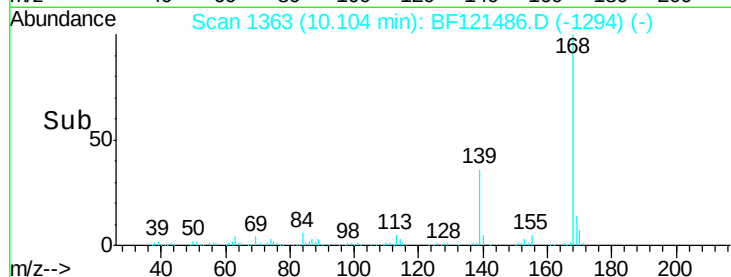
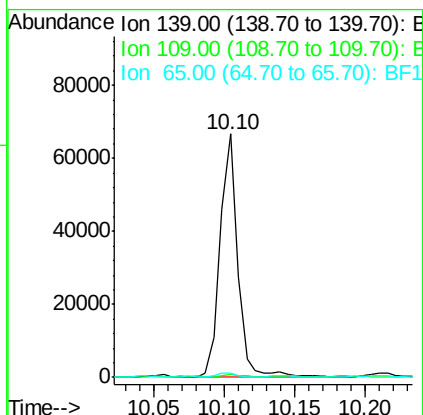
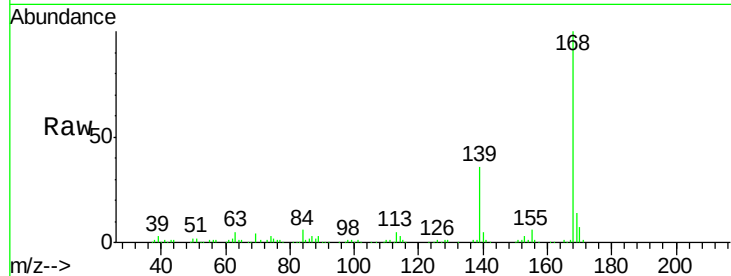




#56
4-Nitrophenol
Concen: 14.900 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.11 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

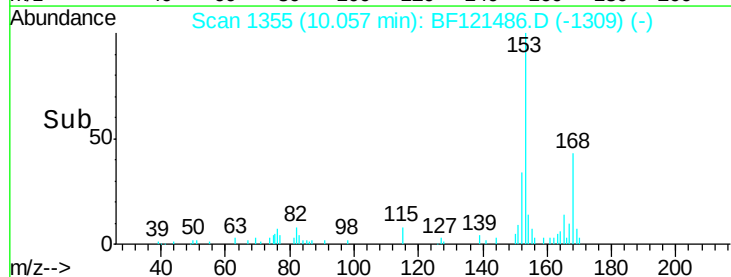
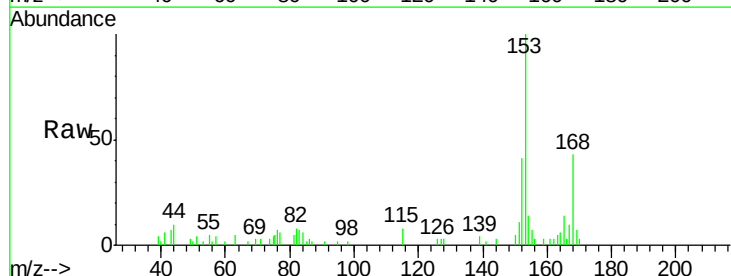
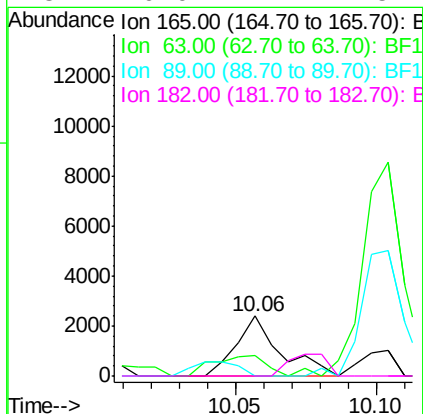
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-B

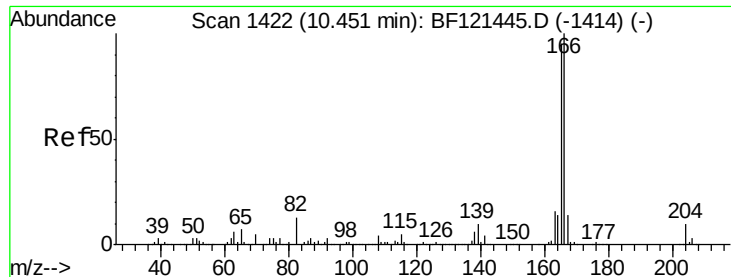
Tot Ion	Ratio	Lower	Upper
139	100		
109	1.3	50.5	90.5#
65	1.6	80.2	120.2#



#57
2,4-Dinitrotoluene
Concen: 7.523 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.03 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.0	36.0	54.0#
89	0.0	62.6	93.8#
182	0.0	2.2	3.2#





#58

Fluorene

Concen: 5.637 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-B

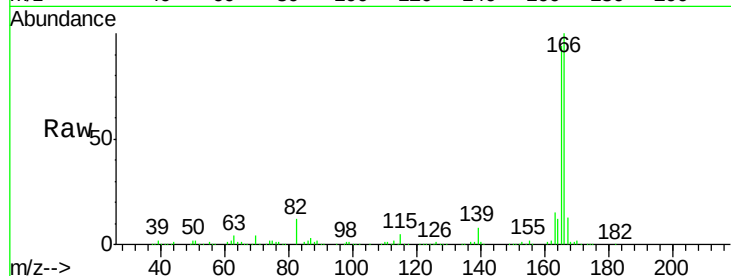
Tot Ion:166 Resp: 204541

Ion Ratio Lower Upper

166 100

165 94.1 75.7 113.5

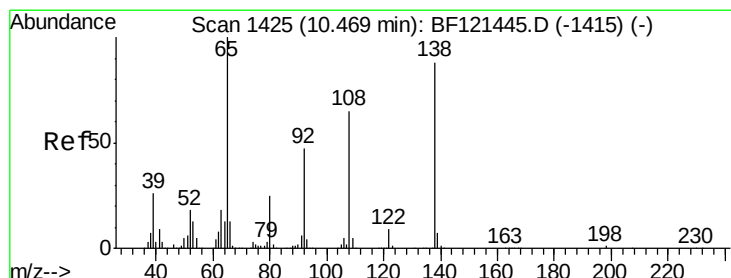
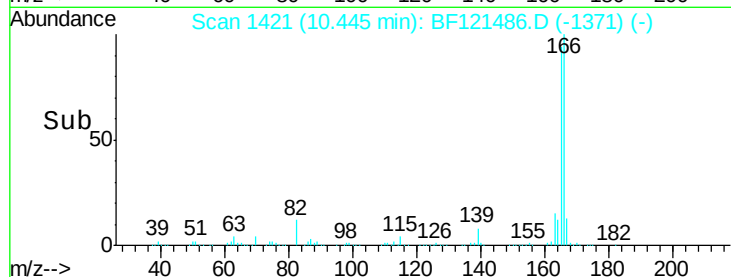
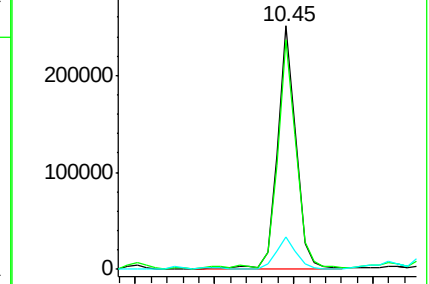
167 13.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#62

4-Nitroaniline

Concen: 4.745 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

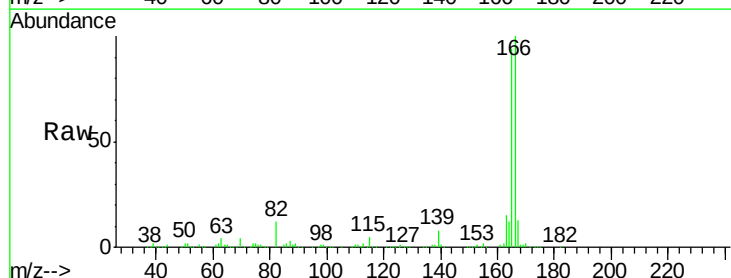
Tgt Ion:138 Resp: 2195

Ion Ratio Lower Upper

138 100

92 0.0 33.2 73.2#

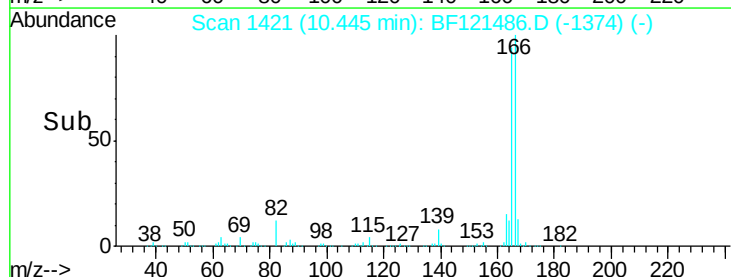
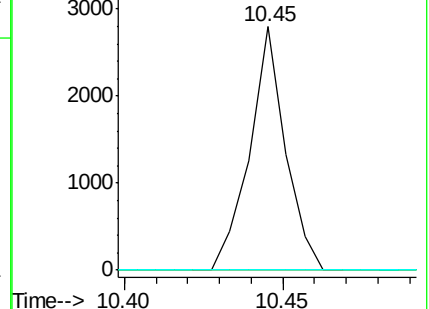
108 0.0 53.6 93.6#

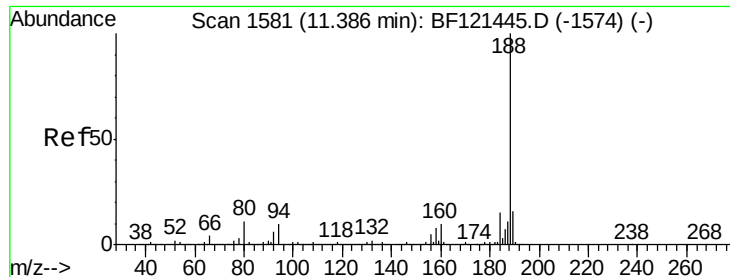


Abundance Ion 138.00 (137.70 to 138.70): E

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: BF121486.D

Acq: 31 Aug 2020 19:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-B

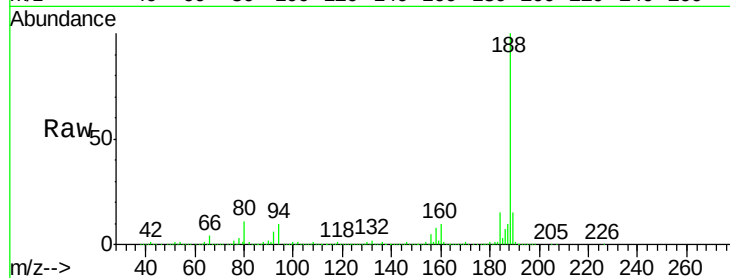
Tot Ion:188 Resp: 925033

Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

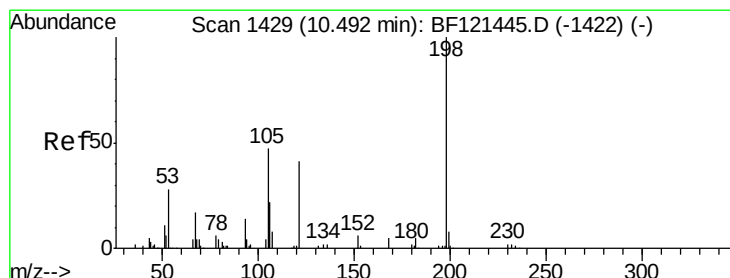
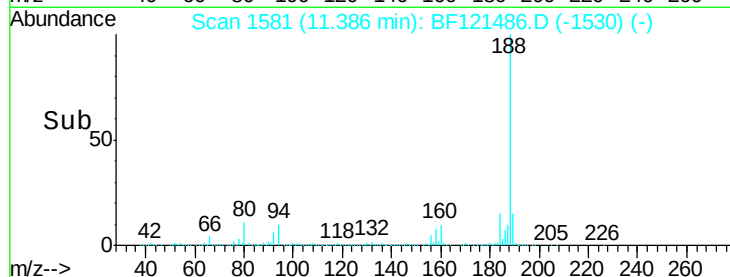
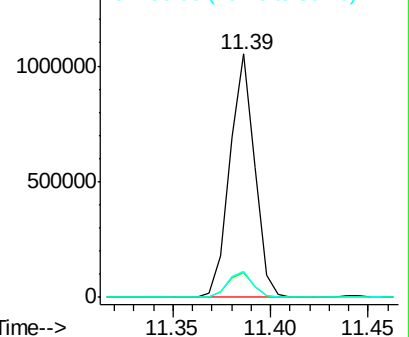
80 10.6 8.6 13.0



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: 5.821 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.19 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

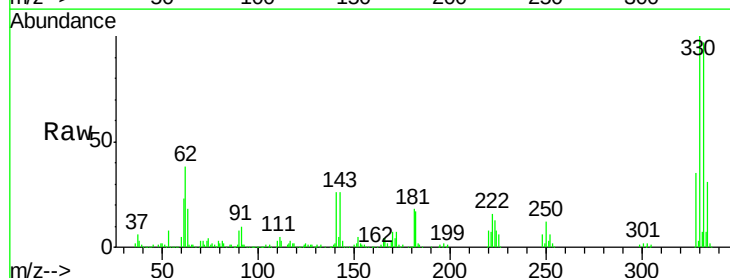
Tgt Ion:198 Resp: 663

Ion Ratio Lower Upper

198 100

51 438.2 29.0 69.0#

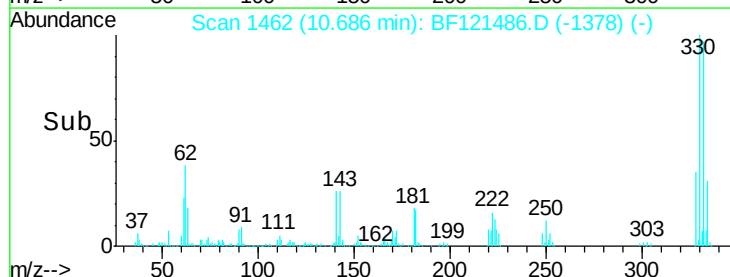
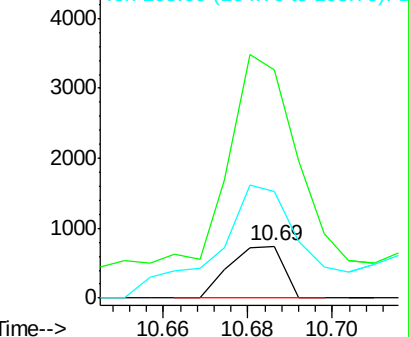
105 204.1 29.1 69.1#

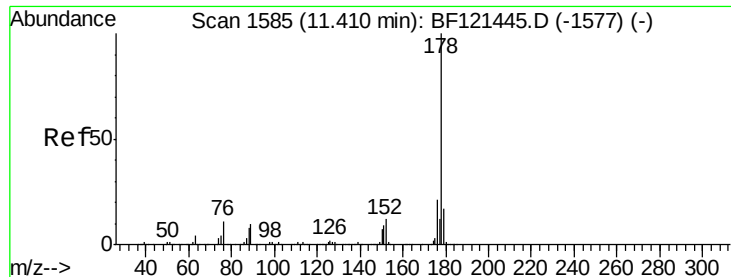


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

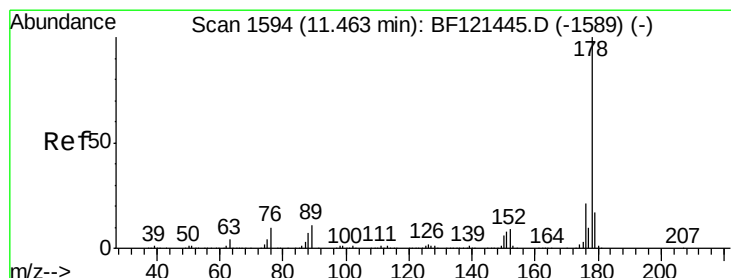
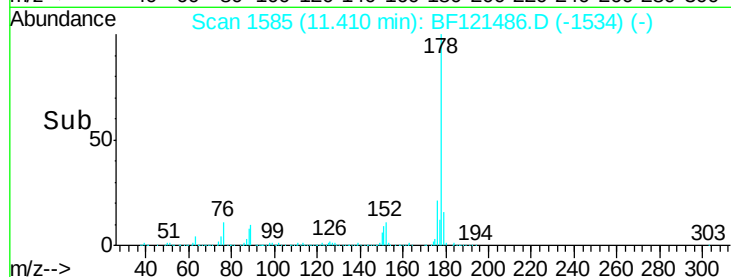
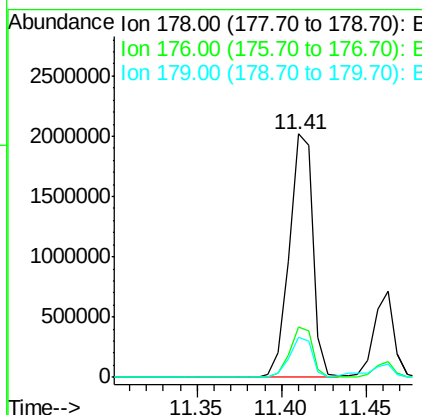
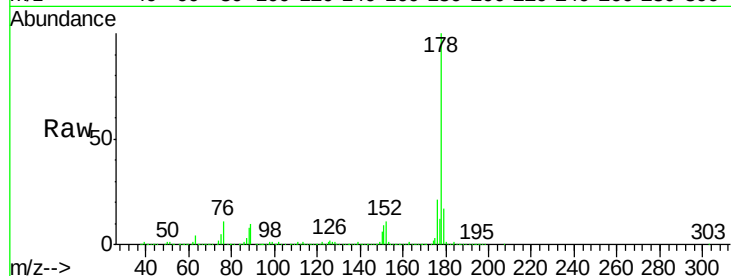




#71
Phenanthrene
Concen: 40.987 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

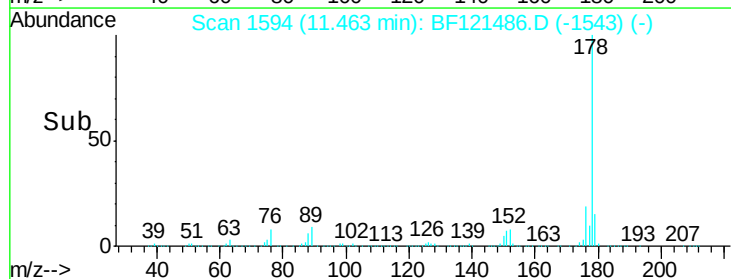
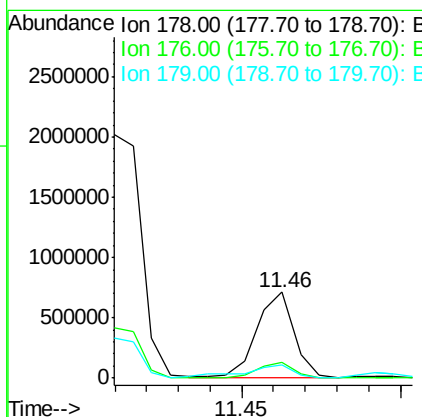
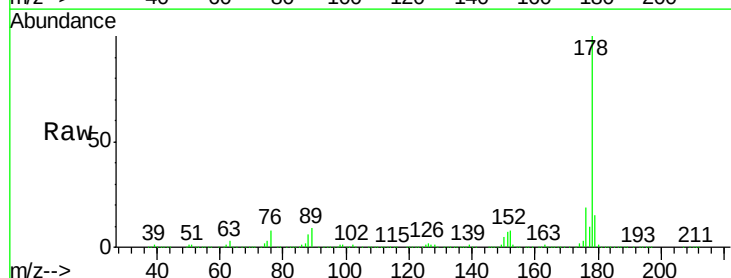
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-B

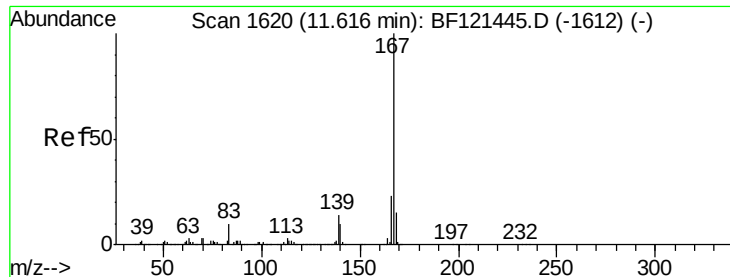
Tot Ion:178 Resp: 1945673
Ion Ratio Lower Upper
178 100
176 20.6 16.9 25.3
179 16.6 13.4 20.0



#72
Anthracene
Concen: 12.343 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

Tgt Ion:178 Resp: 576311
Ion Ratio Lower Upper
178 100
176 18.6 16.7 25.1
179 15.0 13.4 20.2

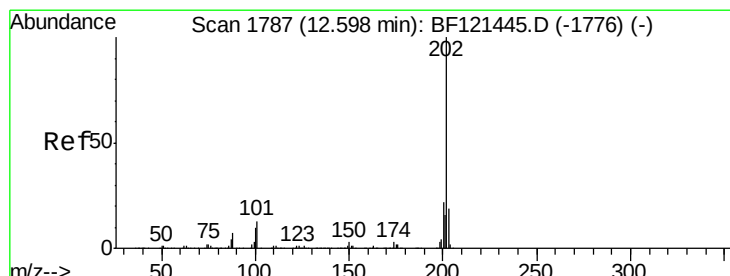
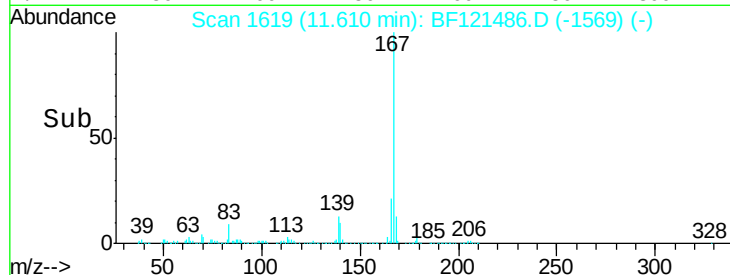
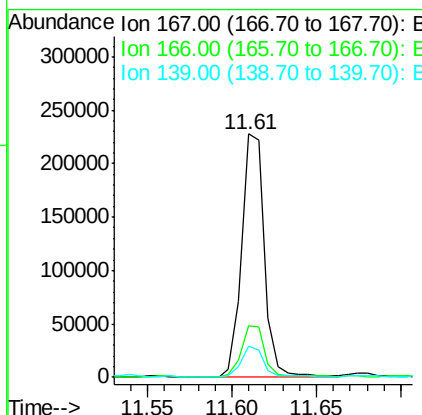
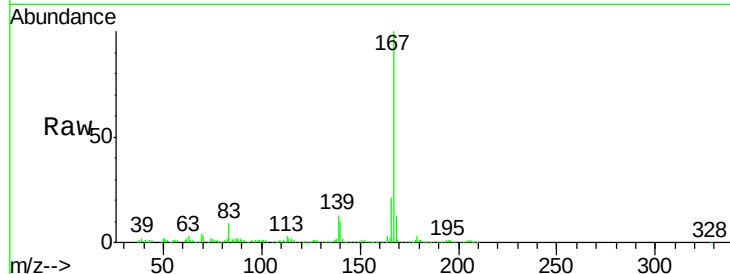




#73
 Carbazole
 Concen: 4.730 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF121486.D
 Acq: 31 Aug 2020 19:32

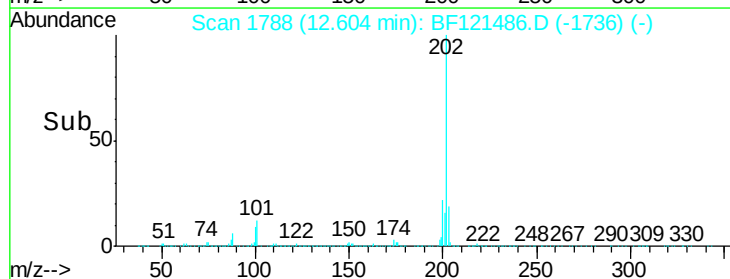
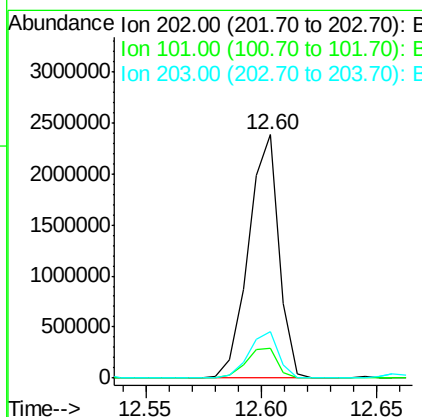
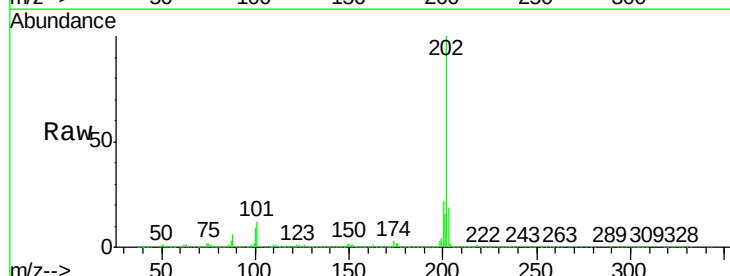
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-10-B

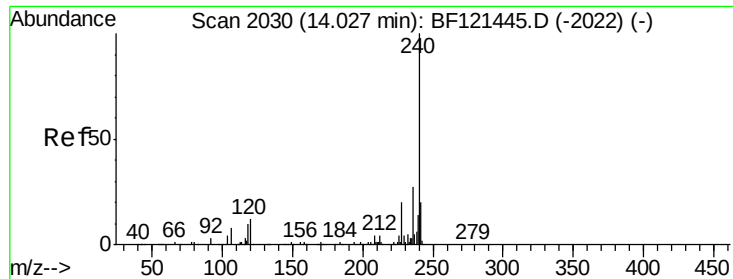
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.4	27.6
139	12.9	11.0	16.6



#75
 Fluoranthene
 Concen: 42.756 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF121486.D
 Acq: 31 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.3
203	18.9	0.0	39.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-B

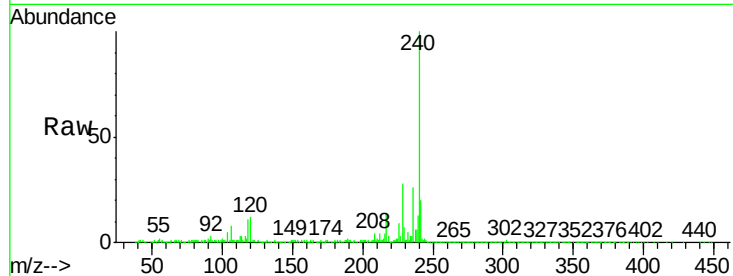
Tot Ion:240 Resp: 651822

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

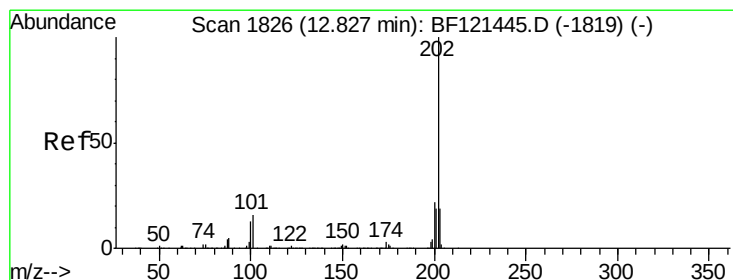
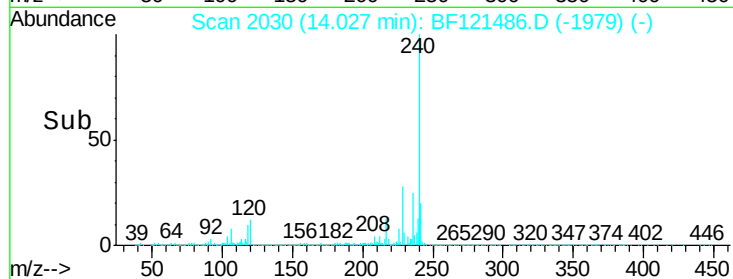
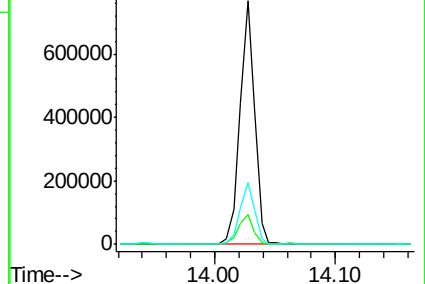
236 25.6 21.8 32.6



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: 42.671 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

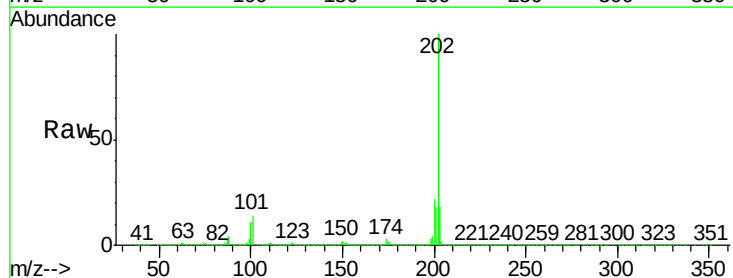
Tgt Ion:202 Resp: 1986412

Ion Ratio Lower Upper

202 100

200 21.6 18.0 27.0

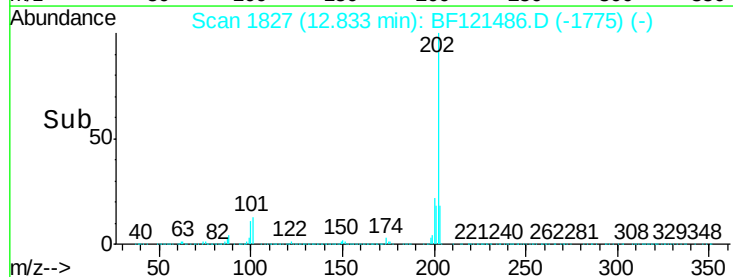
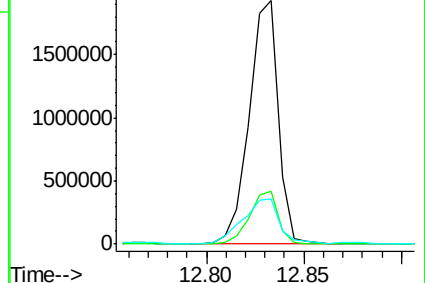
203 18.5 15.3 22.9

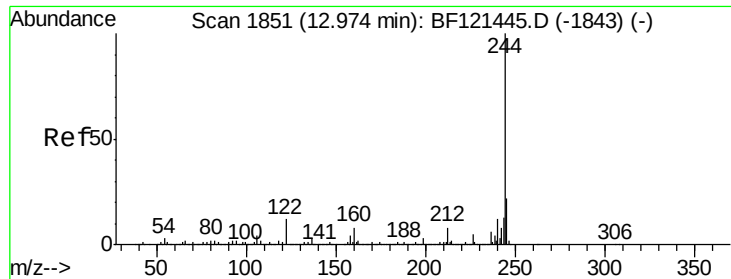


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 37.210 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-10-B

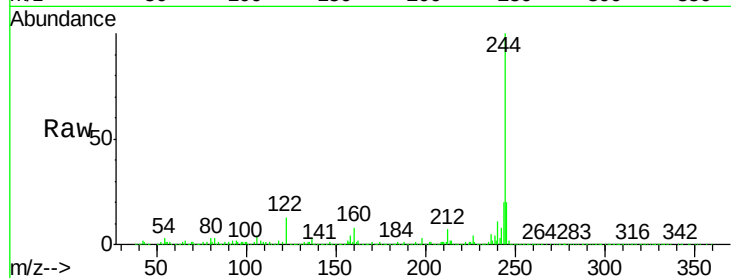
Tot Ion:244 Resp: 1152233

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

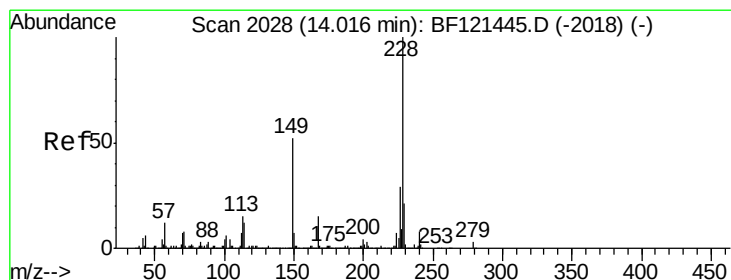
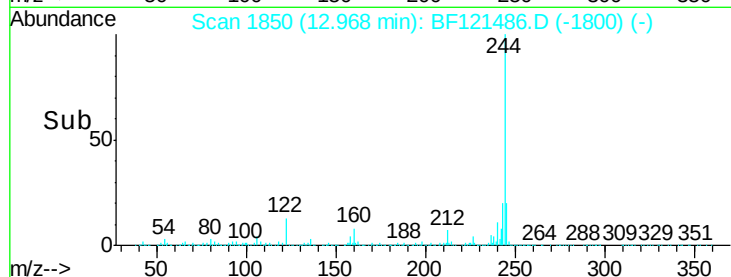
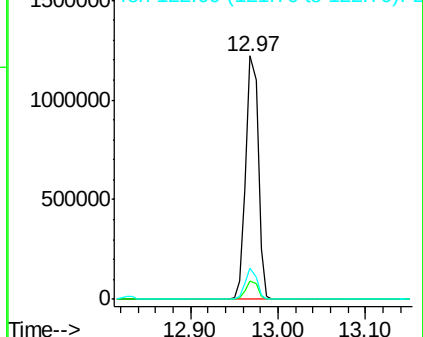
122 12.8 9.5 14.3



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: 25.584 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF121486.D

Acq: 31 Aug 2020 19:32

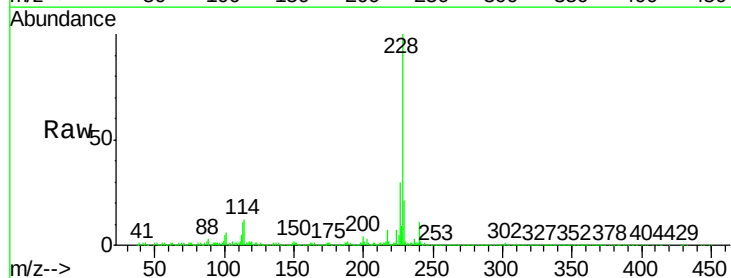
Tgt Ion:228 Resp: 1018002

Ion Ratio Lower Upper

228 100

226 30.1 23.0 34.4

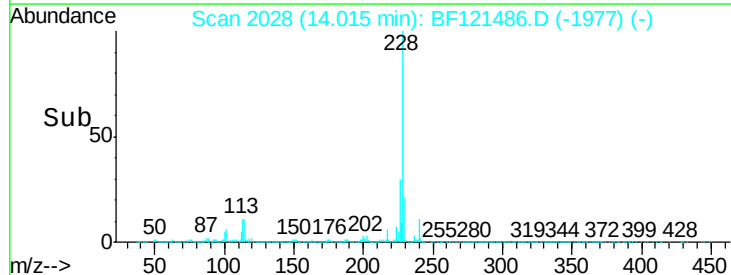
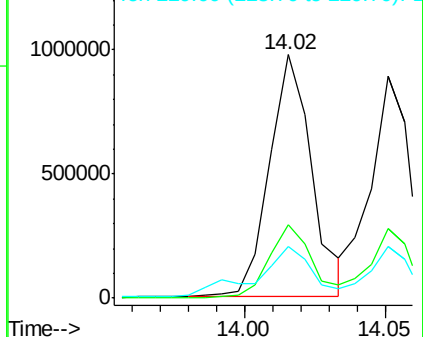
229 21.1 16.6 24.8

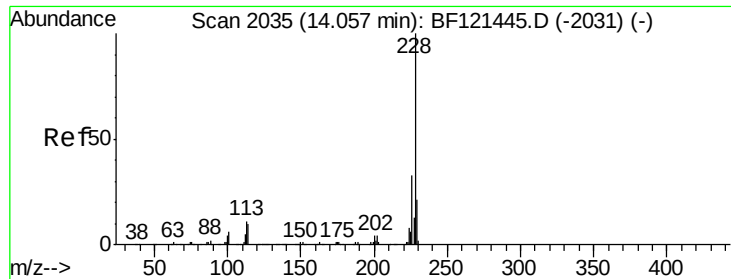


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

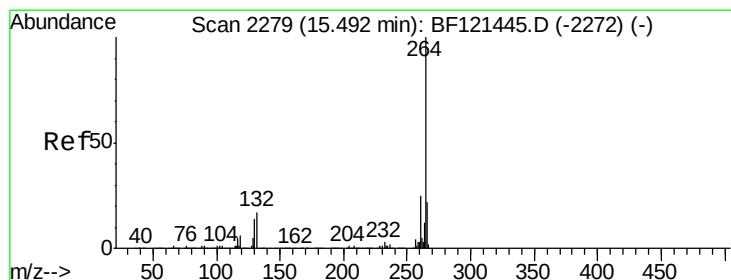
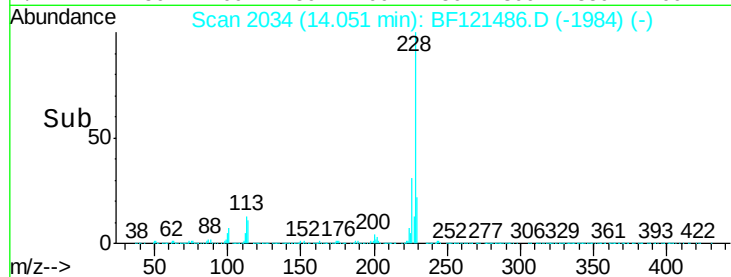
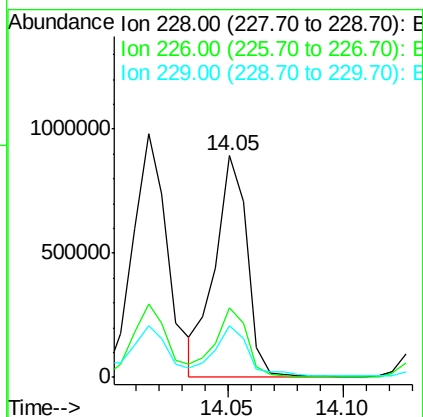
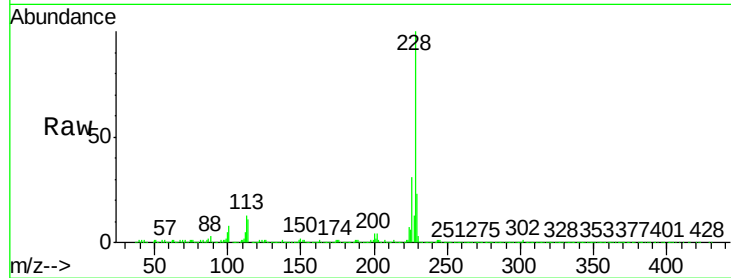




#83
Chrysene
Concen: 21.331 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

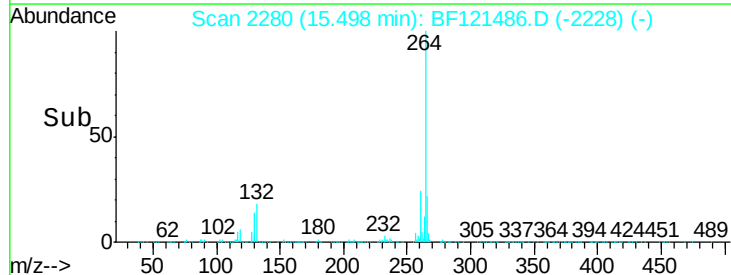
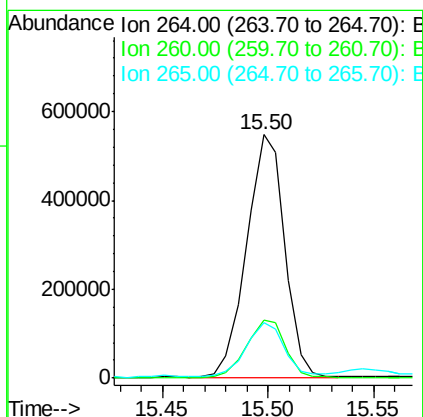
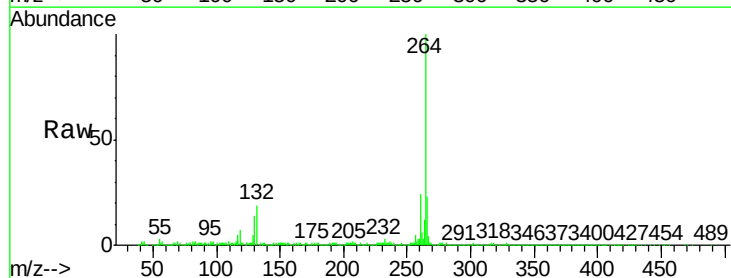
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-B

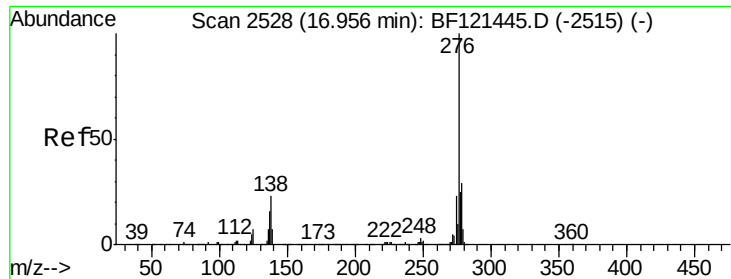
Tot Ion:228 Resp: 849165
Ion Ratio Lower Upper
228 100
226 31.3 26.2 39.2
229 23.2 16.6 25.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

Tgt Ion:264 Resp: 682208
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 22.6 17.8 26.6

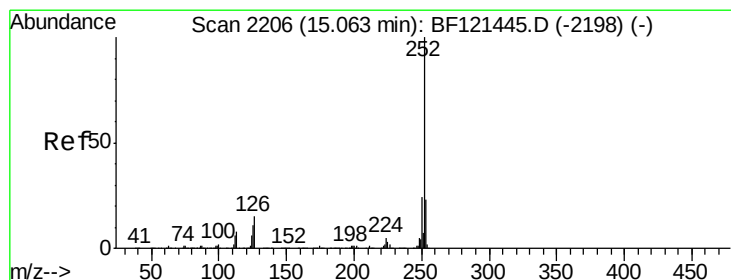
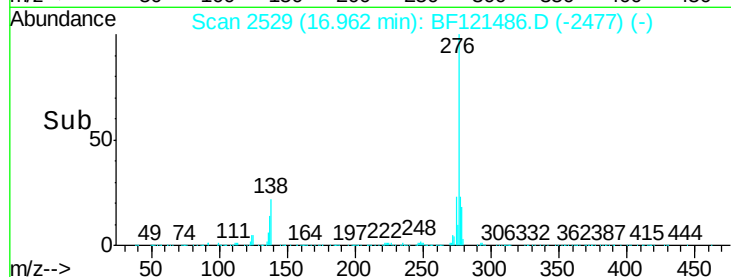
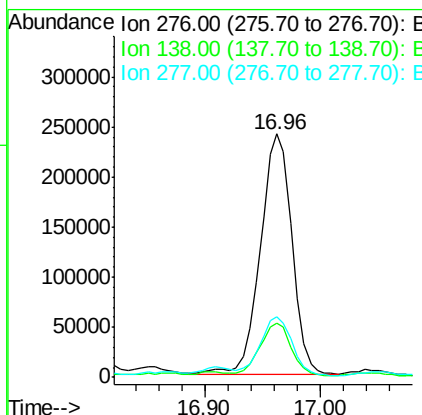
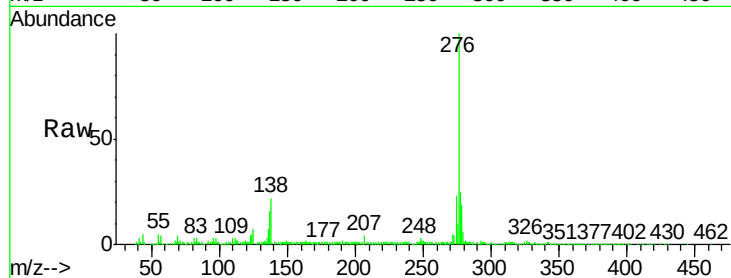




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 10.942 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BF121486.D
 Acq: 31 Aug 2020 19:32

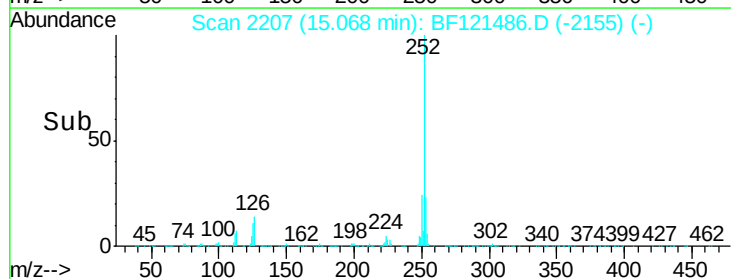
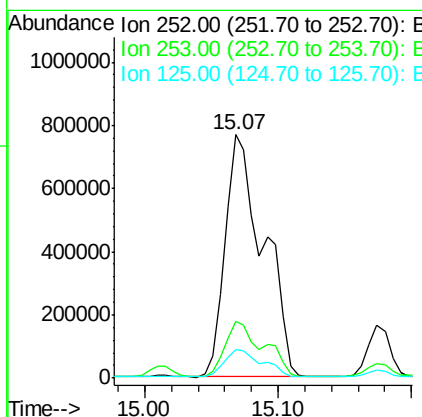
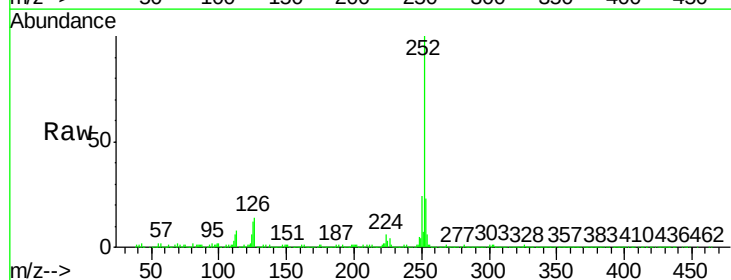
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-10-B

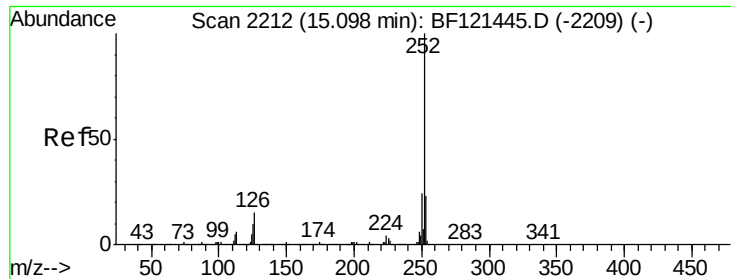
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.6	31.0
277	24.3	20.5	30.7



#88
 Benzo(b)fluoranthene
 Concen: 34.722 ng
 RT: 15.07 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BF121486.D
 Acq: 31 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	11.6	9.2	13.8

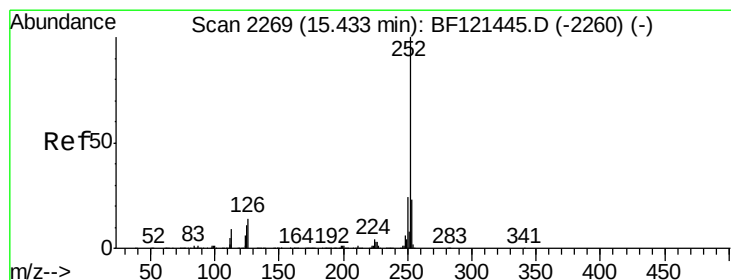
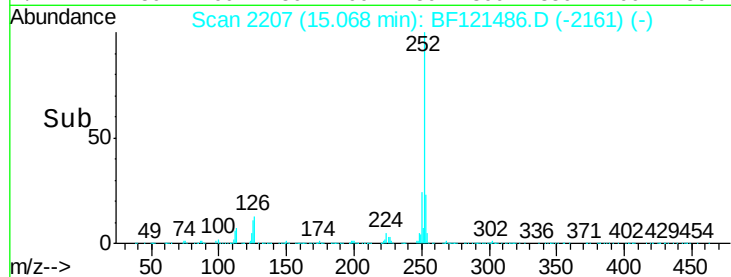
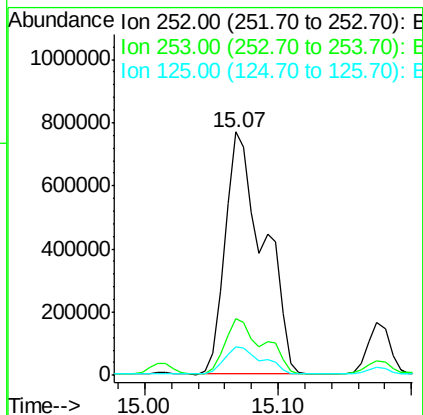
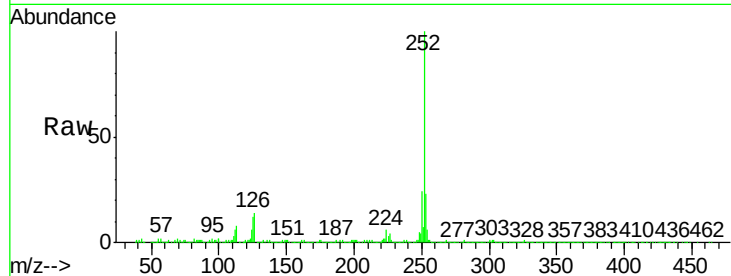




#89
Benzo(k)fluoranthene
Concen: 37.330 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

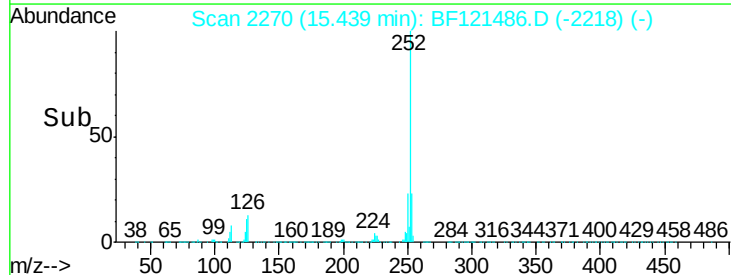
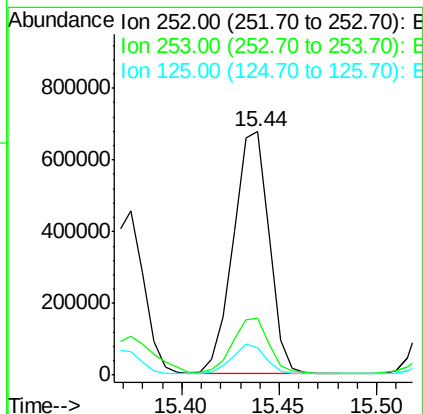
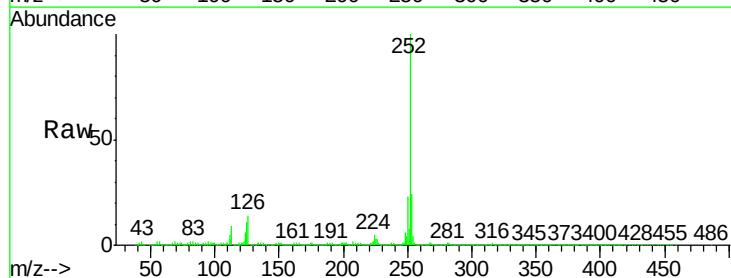
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-10-B

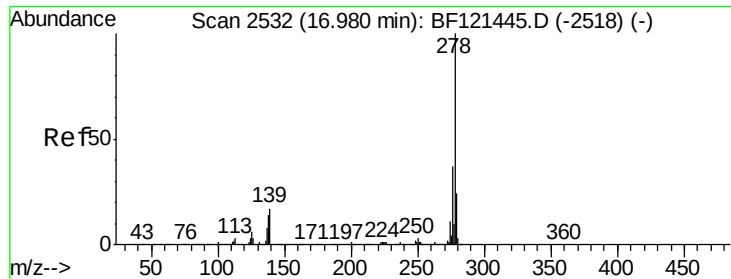
Tot Ion:252 Resp: 1540866
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 11.6 8.5 12.7



#90
Benzo(a)pyrene
Concen: 21.662 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

Tgt Ion:252 Resp: 864427
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 11.2 9.0 13.4

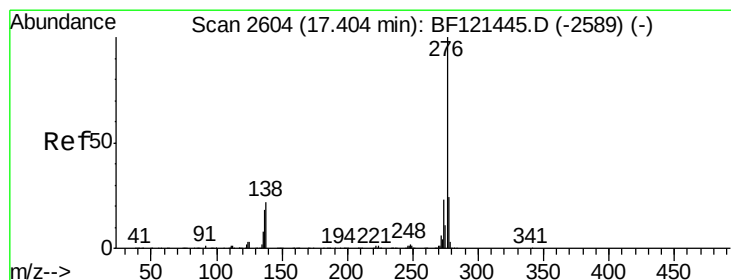
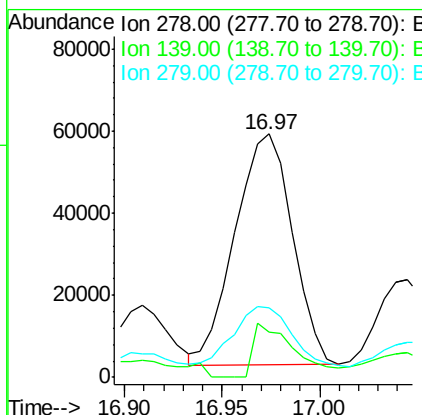
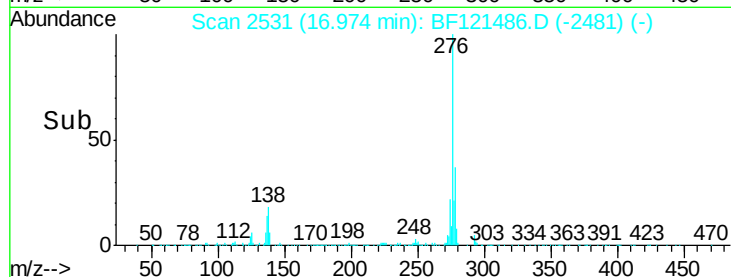
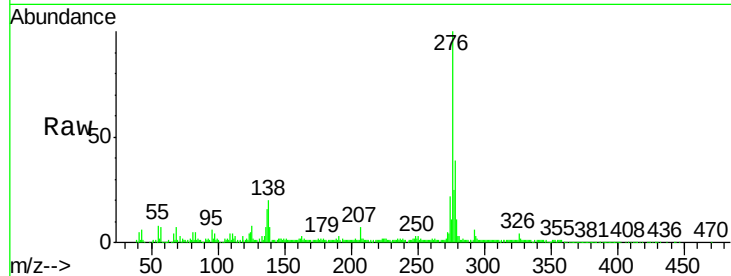




#91
Dibenzo(a,h)anthracene
Concen: 3.331 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

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

Tot Ion:278 Resp: 114461
Ion Ratio Lower Upper
278 100
139 18.5 13.3 19.9
279 28.5 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 12.455 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.00 min
Lab File: BF121486.D
Acq: 31 Aug 2020 19:32

Tgt Ion:276 Resp: 412253
Ion Ratio Lower Upper
276 100
277 24.9 18.9 28.3
138 21.9 17.4 26.0

