

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121493.D
 Acq On : 31 Aug 2020 23:06
 Operator : JU/CG
 Sample : L3847-09 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-09-B

Quant Time: Sep 01 00:35:58 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	263645	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	967289	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	469230	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	801129	20.00	ng	0.00
76) Chrysene-d12	14.04	240	580204	20.00	ng	0.02
86) Perylene-d12	15.52	264	589748	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	148462	9.45	ng	0.00
7) Phenol-d6	6.48	99	197955	9.01	ng	-0.01
23) Nitrobenzene-d5	7.42	82	115240	8.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	45008	9.50	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	251944	8.66	ng	0.00
79) Terphenyl-d14	12.97	244	225275	8.17	ng	0.00

Target Compounds

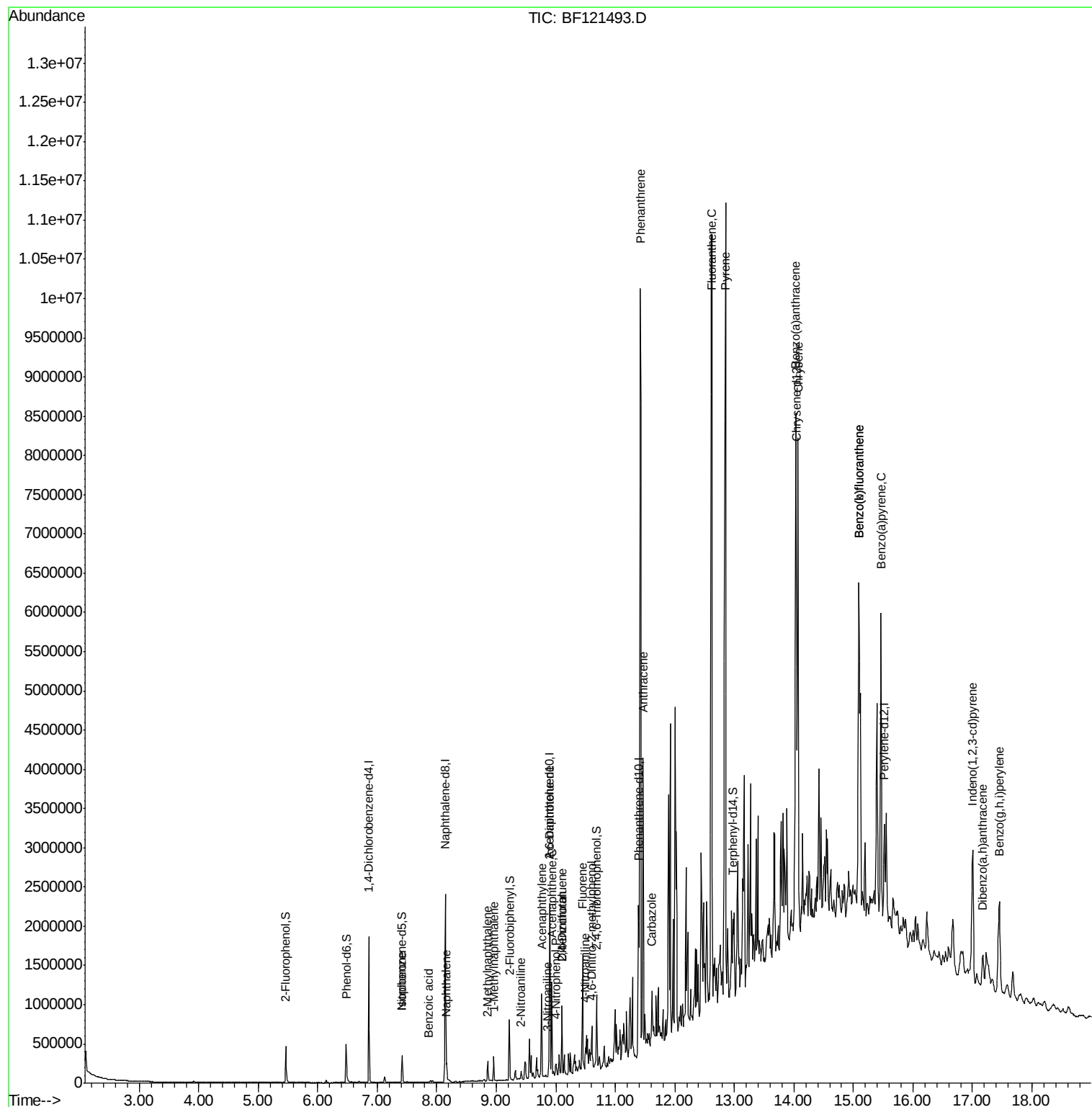
					Qvalue	
9) Benzaldehyde	6.41	77	432	Below Cal	#	81
25) Isophorone	7.42	82	112417	3.532 ng	#	64
31) Naphthalene	8.17	128	97080	2.022 ng		96
32) Benzoic acid	7.87	122	259	6.700 ng		91
37) 2-Methylnaphthalene	8.86	142	66100	2.078 ng		98
38) 1-Methylnaphthalene	8.96	142	75944	2.528 ng		95
48) 2-Nitroaniline	9.42	65	838	6.736 ng	#	32
49) Acenaphthylene	9.76	152	439611	10.070 ng		97
51) 2,6-Dinitrotoluene	9.90	165	69357	16.365 ng	#	25
52) Acenaphthene	9.93	154	231020	8.381 ng		99
53) 3-Nitroaniline	9.86	138	498	5.509 ng	#	1
55) Dibenzofuran	10.10	168	240185	5.998 ng	#	98
56) 4-Nitrophenol	10.00	139	4181	8.462 ng	#	49
57) 2,4-Dinitrotoluene	10.10	165	2575	7.570 ng	#	1
58) Fluorene	10.45	166	450227	14.915 ng		99
62) 4-Nitroaniline	10.50	138	454	4.588 ng		86
65) 4,6-Dinitro-2-methylphenol	10.59	198	116	5.467 ng	#	1
71) Phenanthrene	11.42	178	4417148	107.441 ng		96
72) Anthracene	11.47	178	1259165	31.140 ng		97
73) Carbazole	11.62	167	240295	6.163 ng		99
75) Fluoranthene	12.62	202	5342304	120.570 ng		97
78) Pyrene	12.85	202	5385518	129.969 ng		94
81) Benzo(a)anthracene	14.03	228	2993821	84.527 ng		96
83) Chrysene	14.07	228	2669689	75.341 ng		97
87) Indeno(1,2,3-cd)pyrene	17.00	276	1171157	32.276 ng		96
88) Benzo(b)fluoranthene	15.10	252	4023449	104.879 ng		98
89) Benzo(k)fluoranthene	15.10	252	4023449	112.757 ng		97
90) Benzo(a)pyrene	15.46	252	2217759	64.290 ng		96
91) Dibenzo(a,h)anthracene	17.17	278	280102	9.430 ng		93
92) Benzo(g,h,i)perylene	17.45	276	1072037	37.467 ng		98

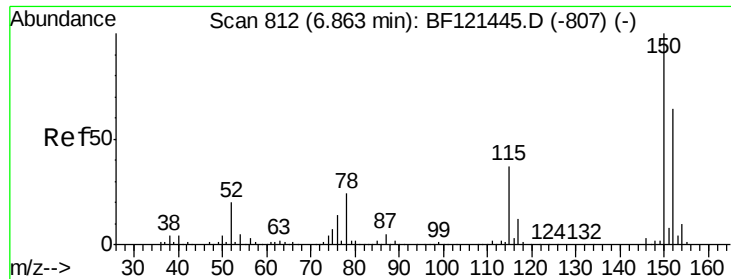
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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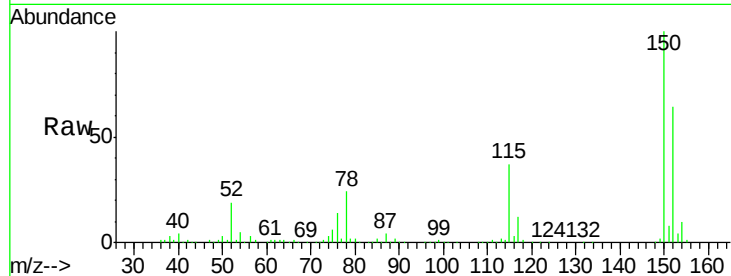


#1

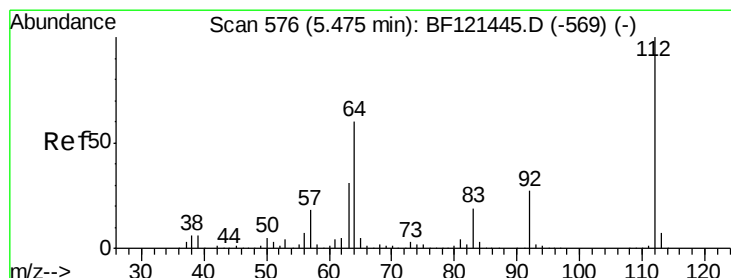
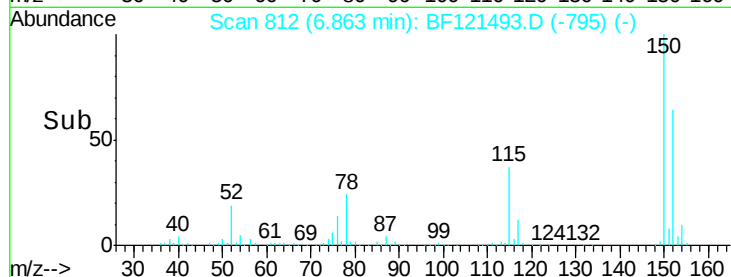
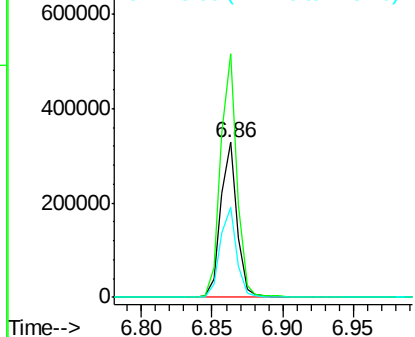
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-B

Tot Ion:152 Resp: 263645
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 57.7 46.6 69.8



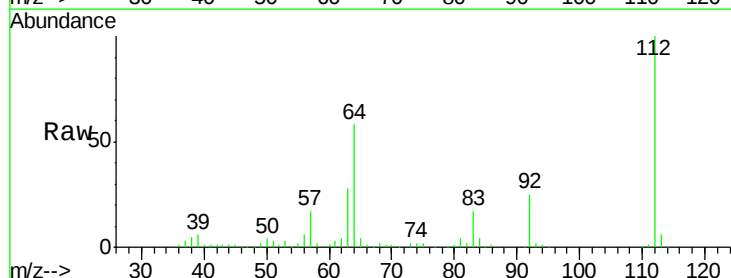
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



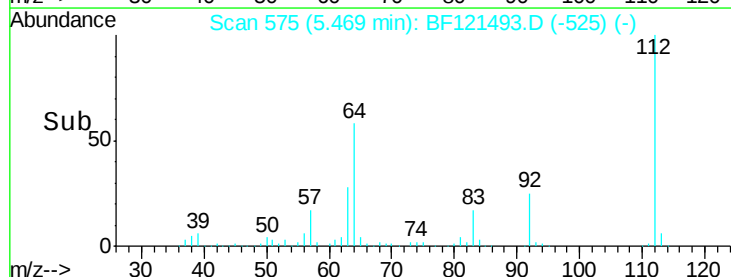
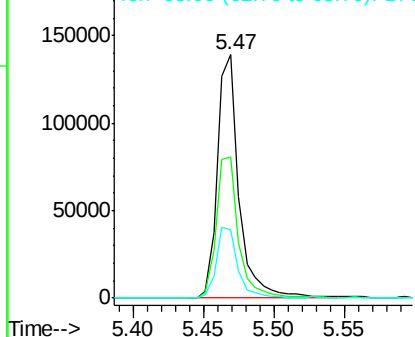
#5

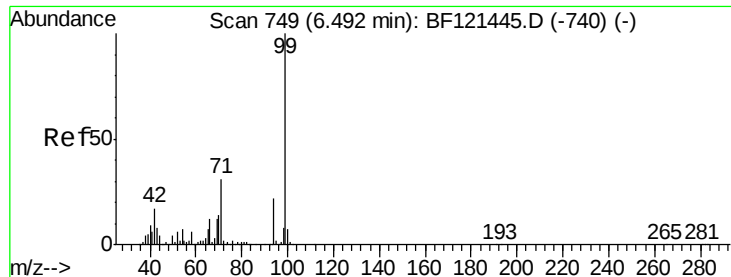
2-Fluorophenol
Concen: 9.448 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

Tgt Ion:112 Resp: 148462
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.2
63 28.2 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: 9.014 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

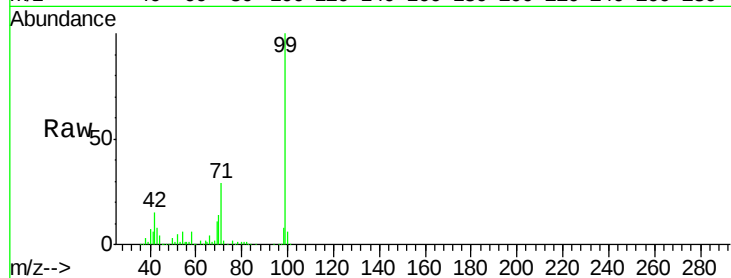
Tot Ion: 99 Resp: 197955

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

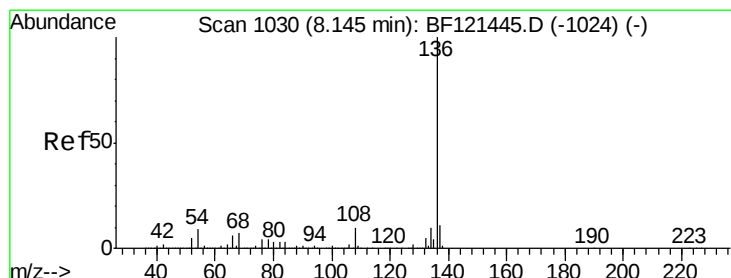
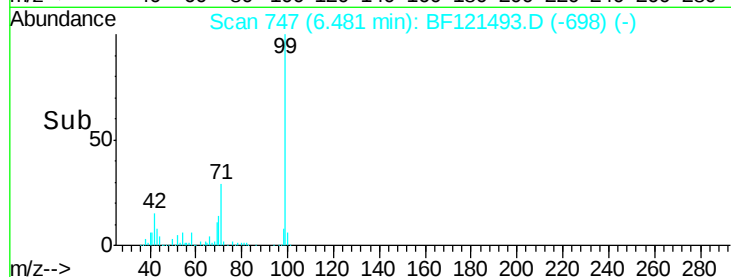
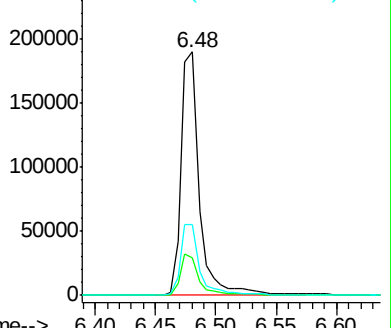
71 29.3 24.6 37.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Tgt Ion: 136 Resp: 967289

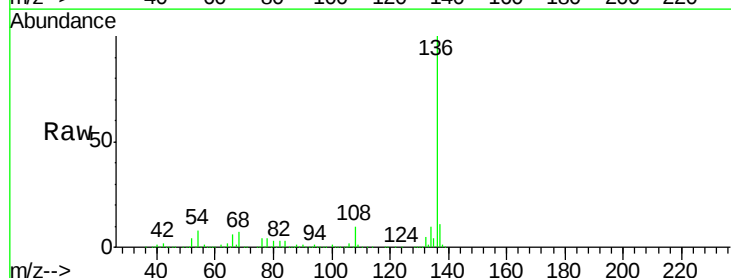
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.3 7.0 10.4

68 6.9 5.5 8.3

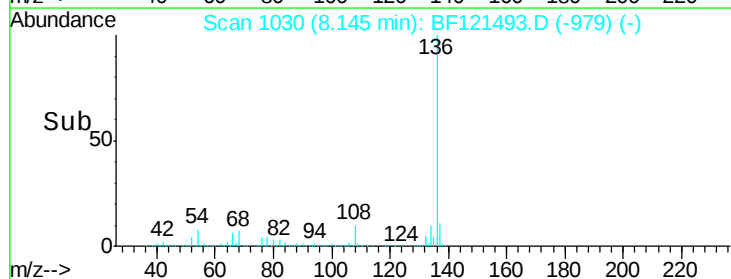
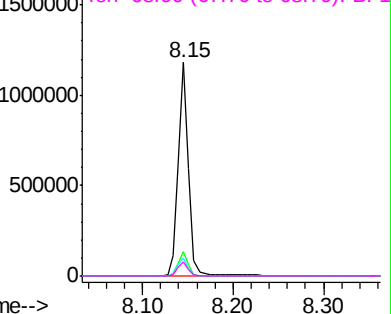


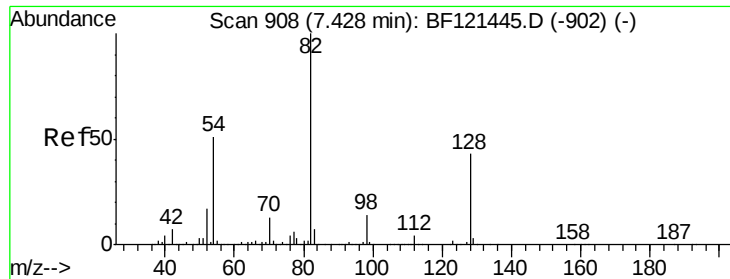
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

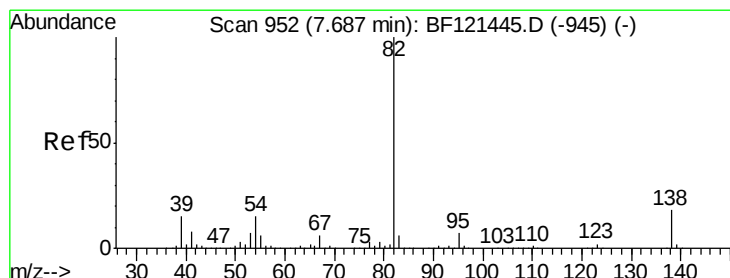
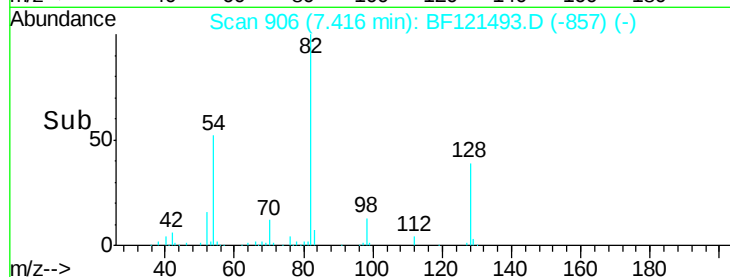
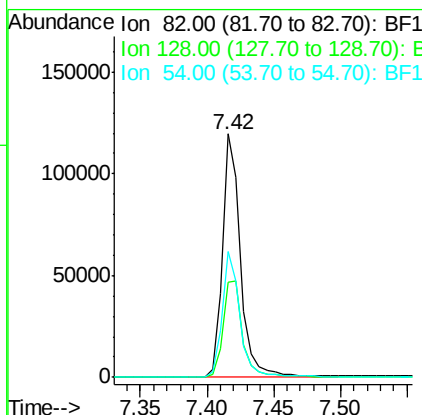
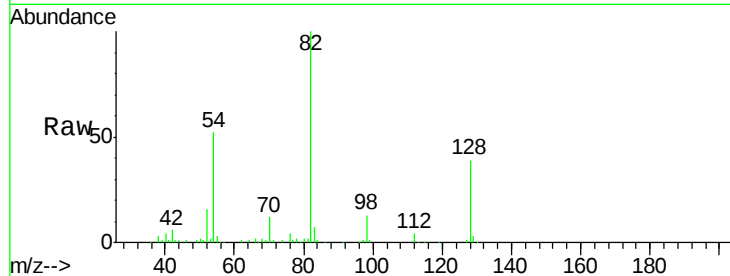




#23
Nitrobenzene-d5
Concen: 8.145 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

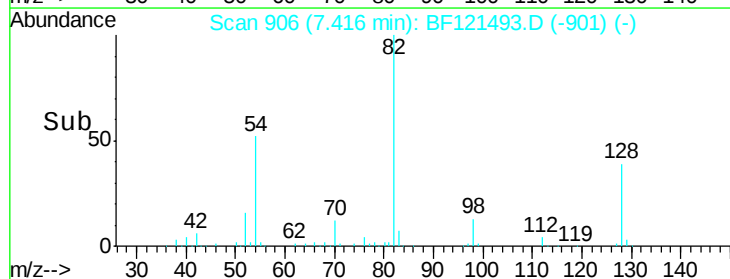
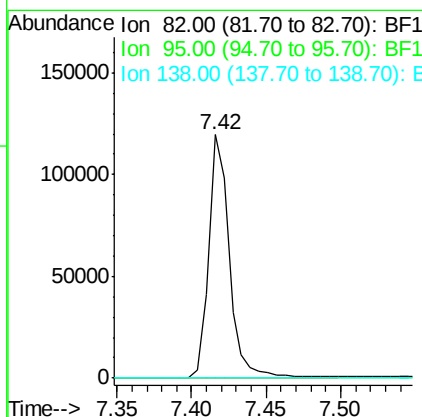
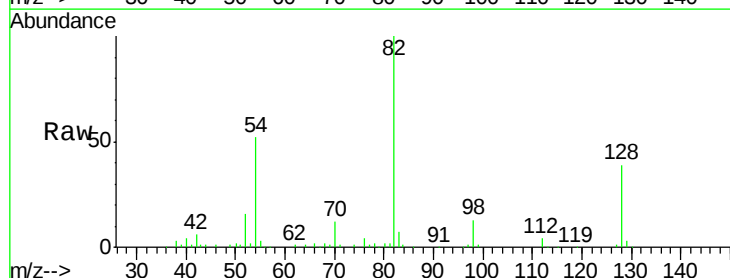
Instrument :
BNA_F
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LINDEN-JOP-BH-09-B

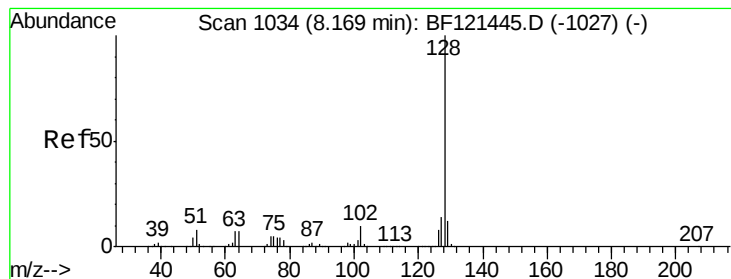
Tot Ion	82	Resp	115240
Ion Ratio	Lower	Upper	
82	100		
128	39.2	34.1	51.1
54	51.5	41.0	61.6



#25
Isophorone
Concen: 3.532 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.27 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

Tgt Ion	82	Resp	112417
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#





#31

Naphthalene

Concen: 2.022 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

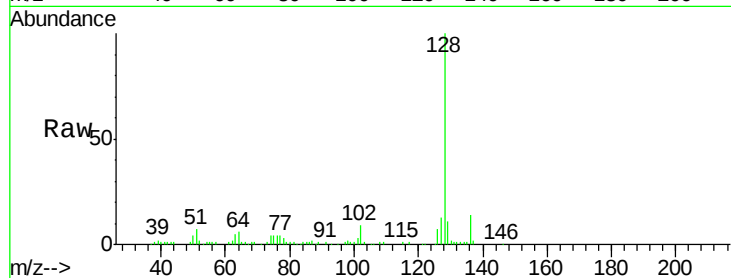
Tot Ion:128 Resp: 97080

Ion Ratio Lower Upper

128 100

129 10.5 9.6 14.4

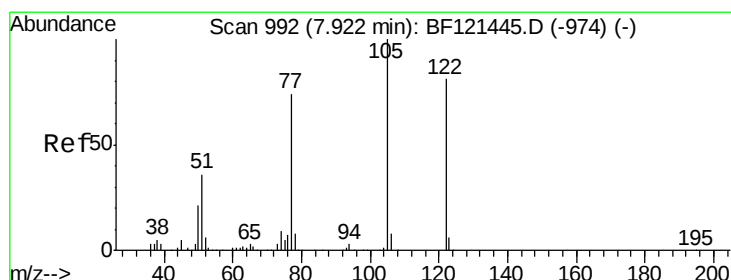
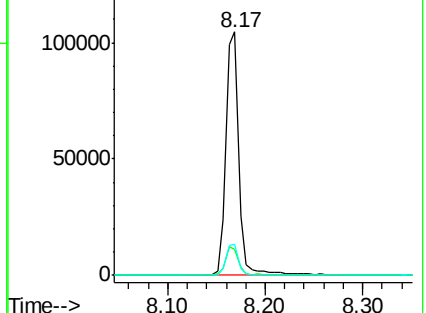
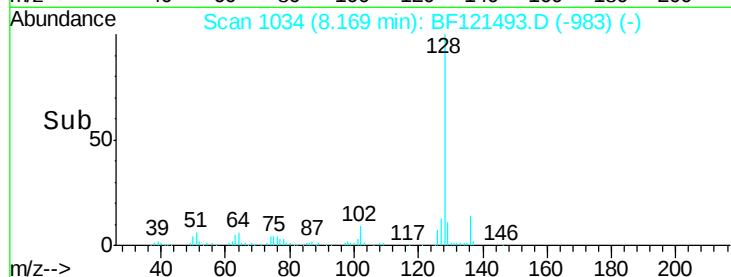
127 12.7 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.700 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

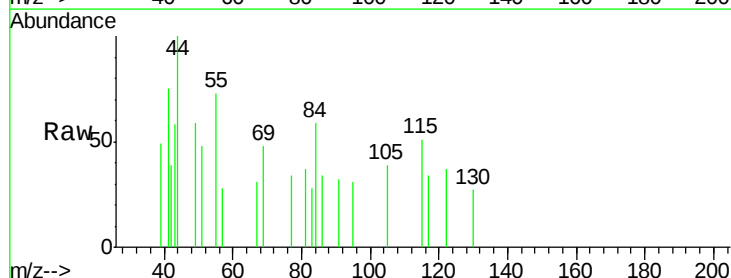
Tgt Ion:122 Resp: 259

Ion Ratio Lower Upper

122 100

105 104.7 100.8 140.8

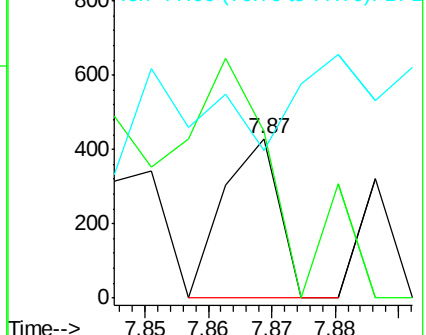
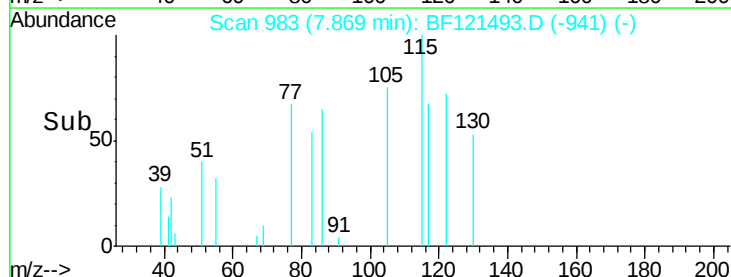
77 92.8 71.5 111.5

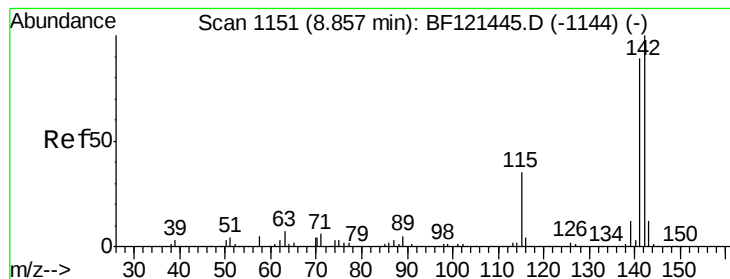


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

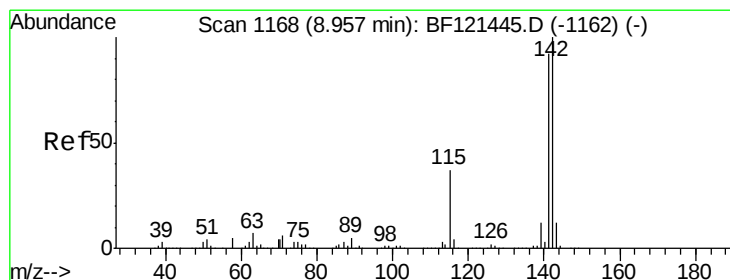
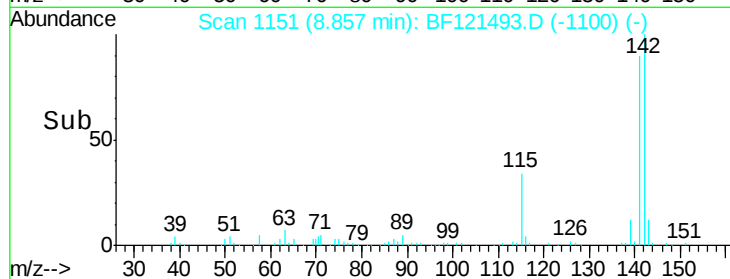
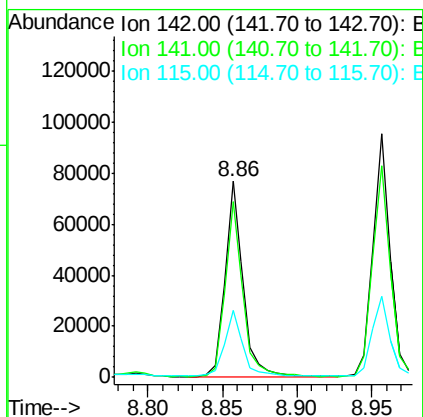
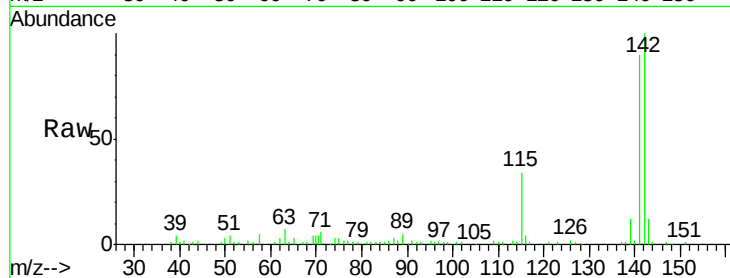




#37
2-Methylnaphthalene
Concen: 2.078 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

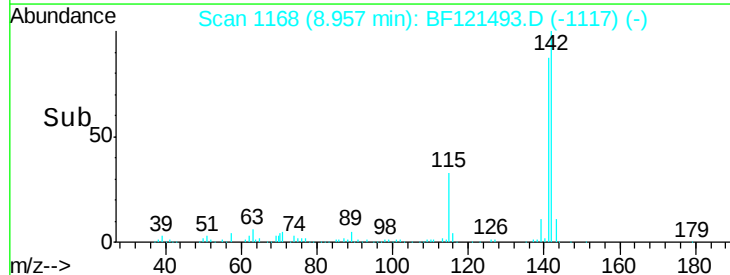
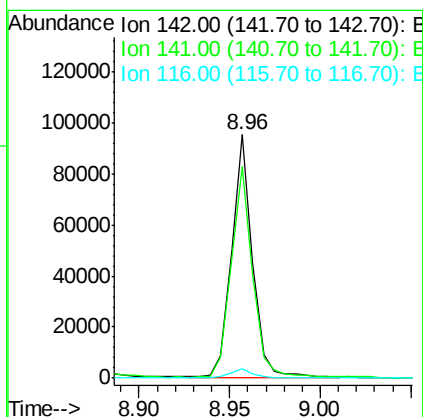
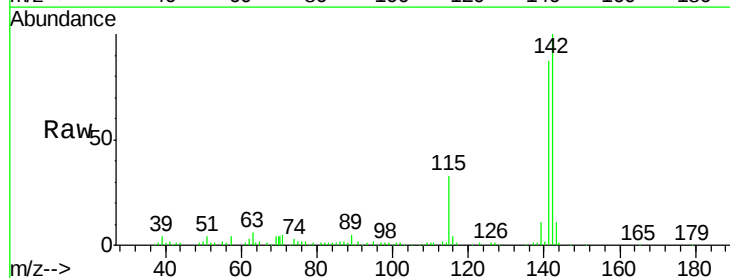
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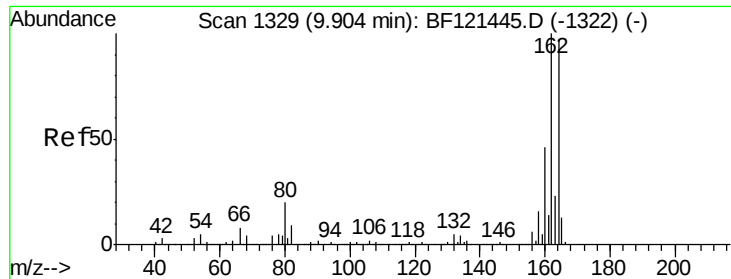
Tot Ion:142 Resp: 66100
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2
115 34.0 28.2 42.4



#38
1-Methylnaphthalene
Concen: 2.528 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

Tgt Ion:142 Resp: 75944
Ion Ratio Lower Upper
142 100
141 86.8 73.7 110.5
116 3.6 3.1 4.7

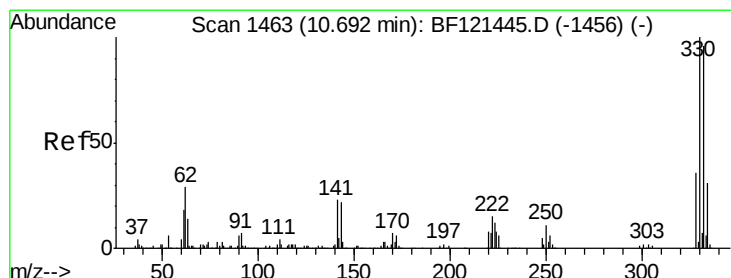
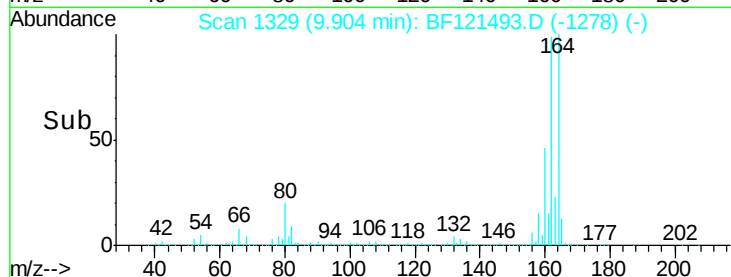
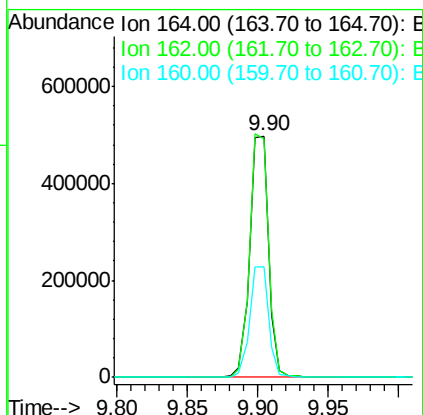
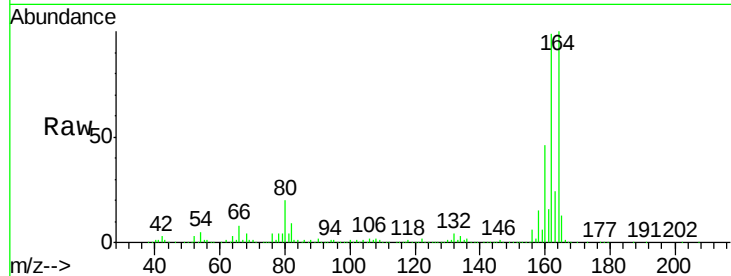




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF121493.D
 Acq: 31 Aug 2020 23:06

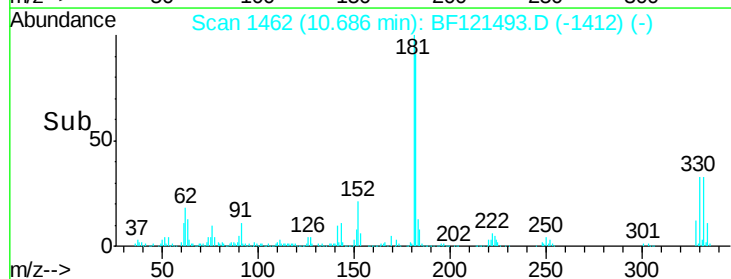
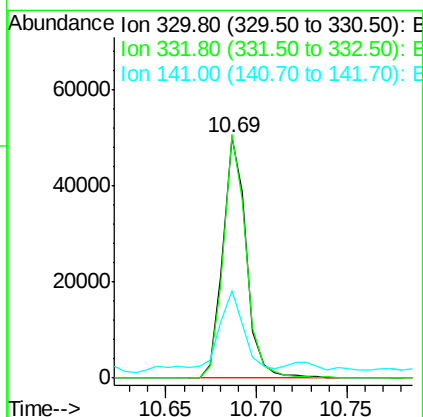
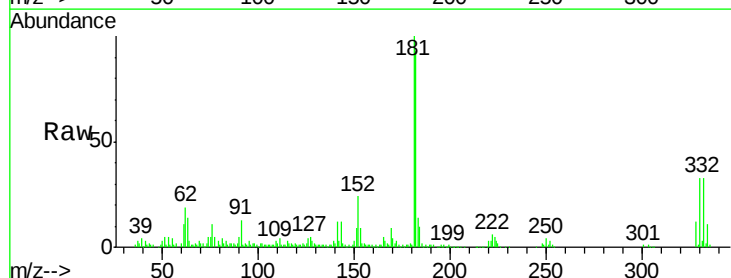
Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-JOP-BH-09-B

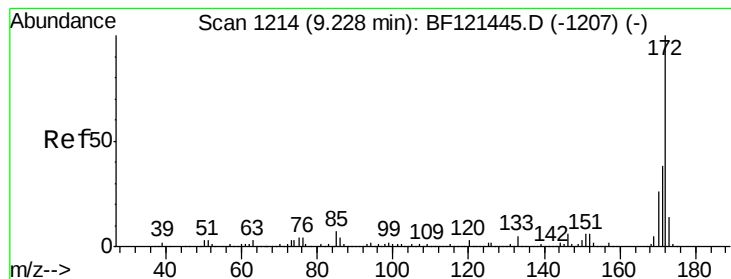
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.4	123.6
160	45.5	37.6	56.4



#42
 2,4,6-Tribromophenol
 Concen: 9.496 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF121493.D
 Acq: 31 Aug 2020 23:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.2	114.2
141	40.6	24.6	36.8





#45

2-Fluorobiphenyl

Concen: 8.664 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

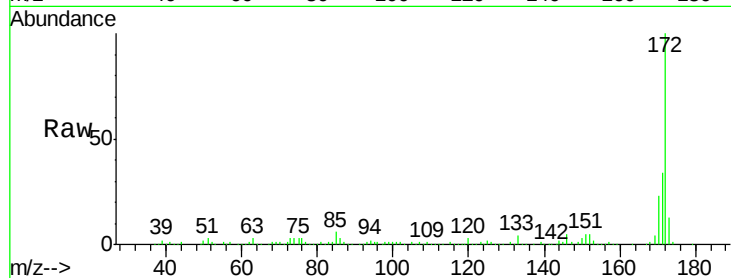
Tot Ion:172 Resp: 251944

Ion Ratio Lower Upper

172 100

171 34.3 30.6 45.8

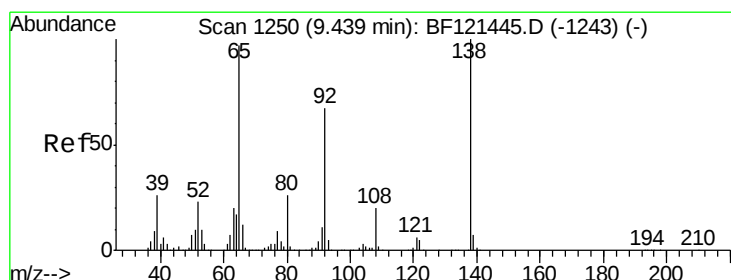
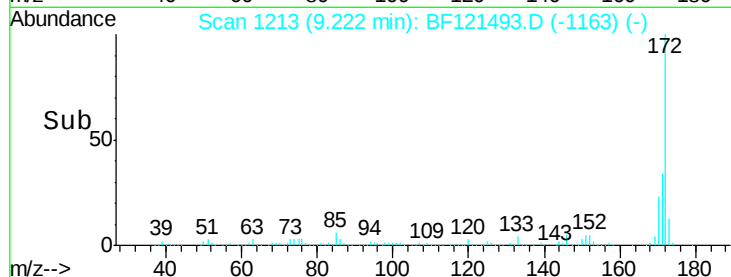
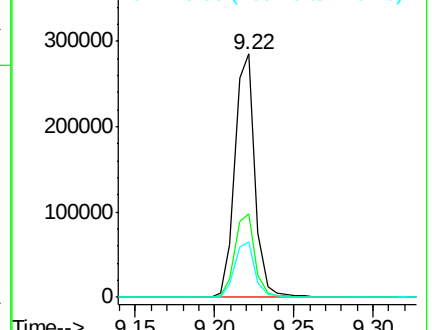
170 22.8 20.6 31.0



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: 6.736 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

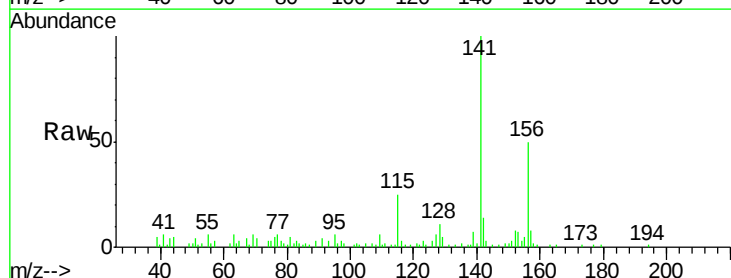
Tgt Ion: 65 Resp: 838

Ion Ratio Lower Upper

65 100

92 0.0 55.6 83.4#

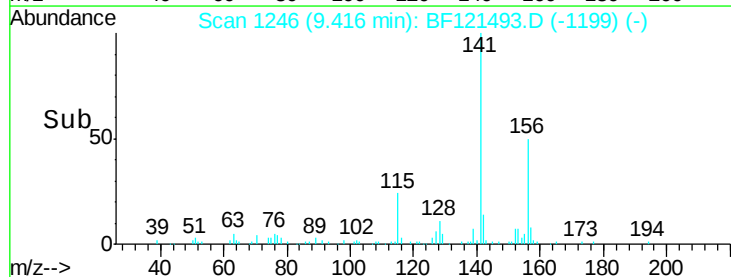
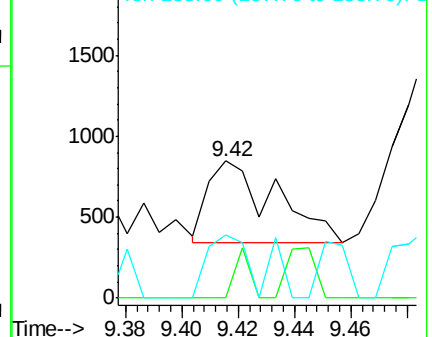
138 46.6 82.9 124.3#

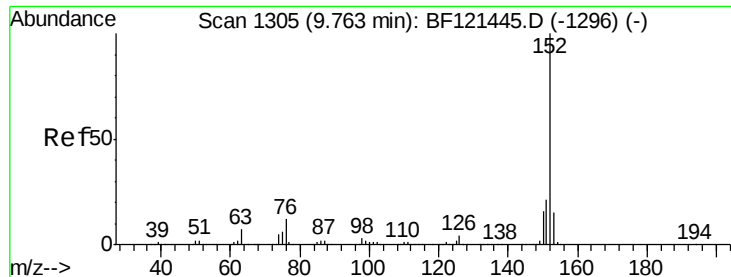


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 10.070 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

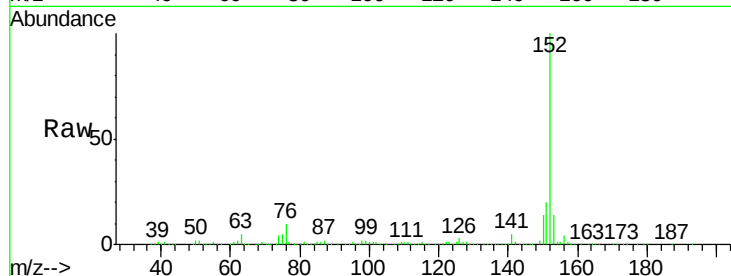
Tot Ion:152 Resp: 439611

Ion Ratio Lower Upper

152 100

151 19.5 17.2 25.8

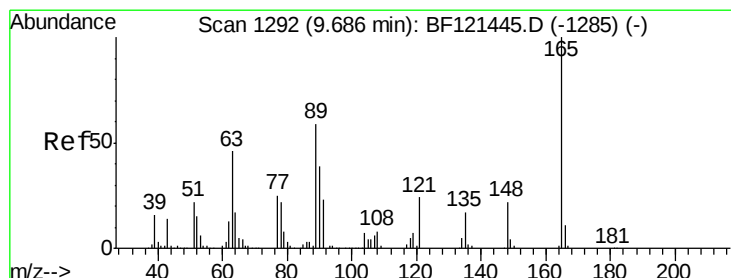
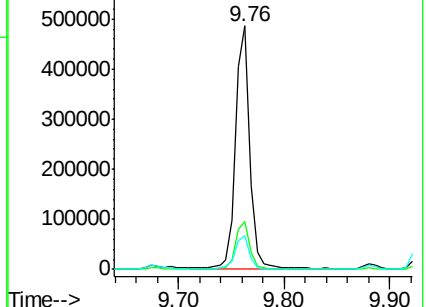
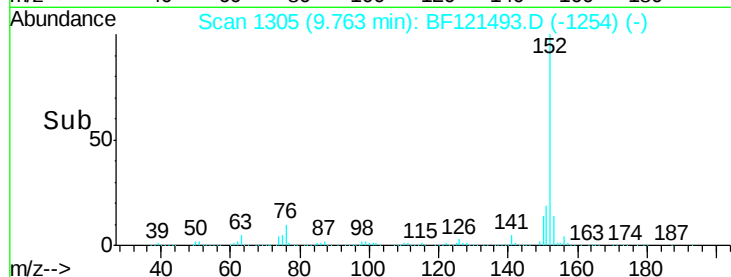
153 13.8 11.6 17.4



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: 16.365 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.21 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

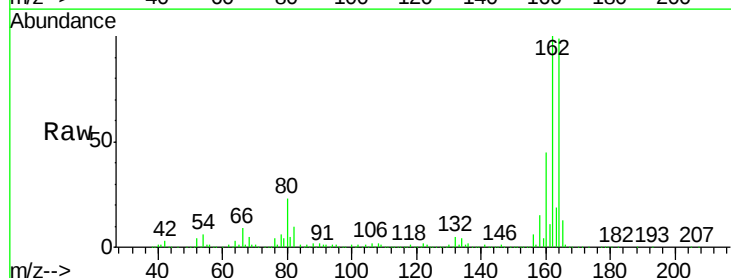
Tgt Ion:165 Resp: 69357

Ion Ratio Lower Upper

165 100

63 2.0 43.6 65.4#

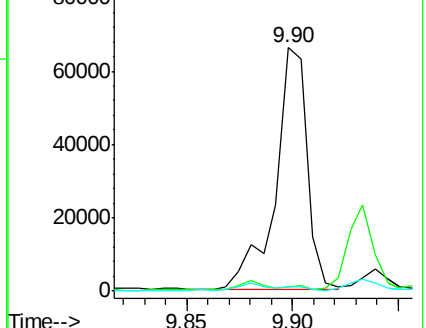
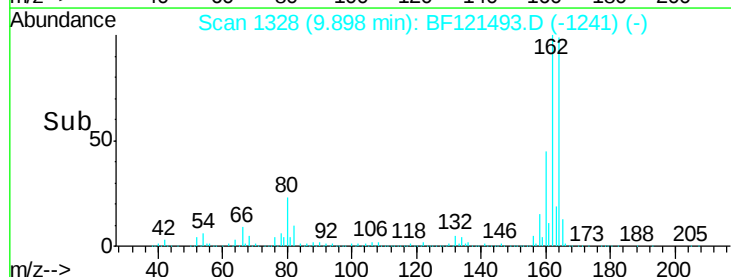
89 1.8 47.4 71.2#

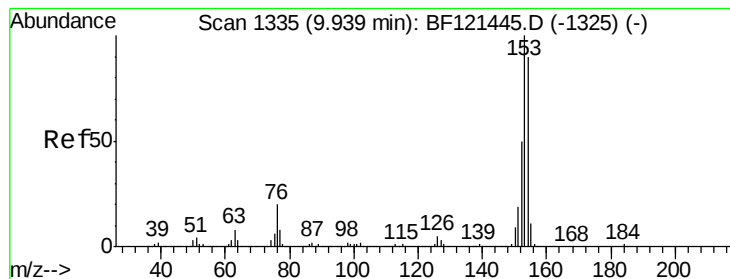


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 8.381 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

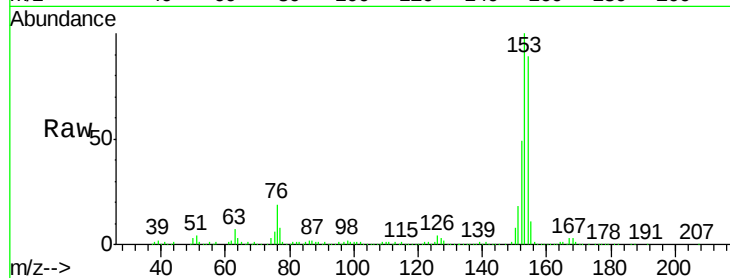
Tot Ion:154 Resp: 231020

Ion Ratio Lower Upper

154 100

153 112.9 88.9 133.3

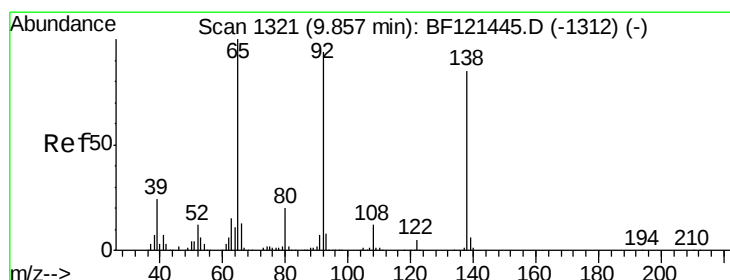
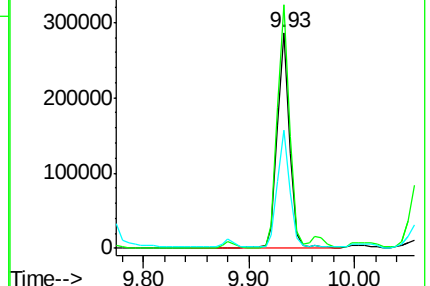
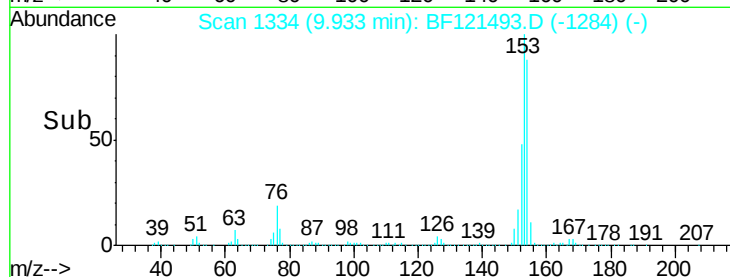
152 55.0 44.1 66.1



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: 5.509 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

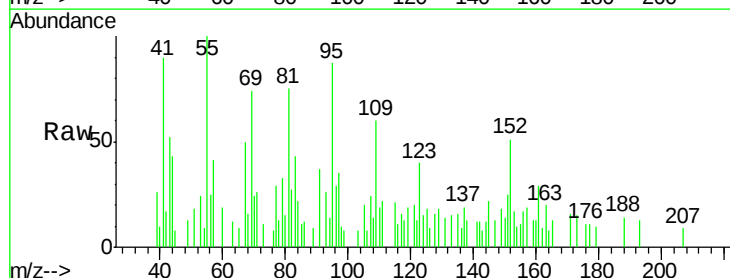
Tgt Ion:138 Resp: 498

Ion Ratio Lower Upper

138 100

108 105.8 11.6 17.4#

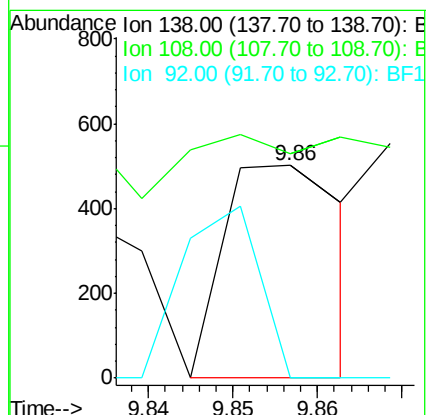
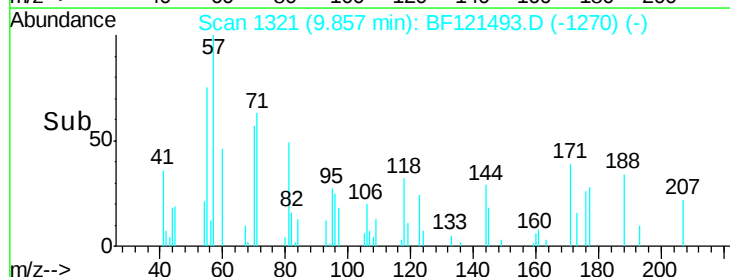
92 0.0 88.6 132.8#

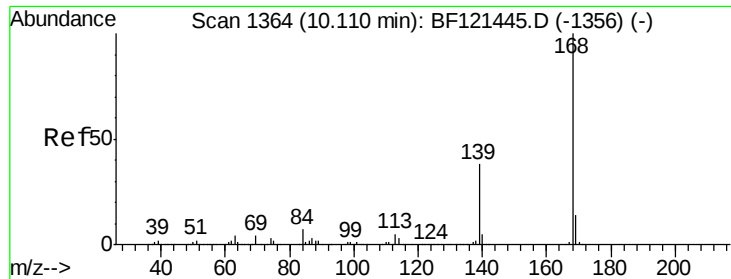


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

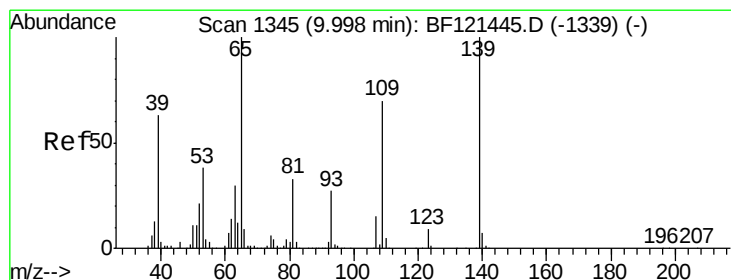
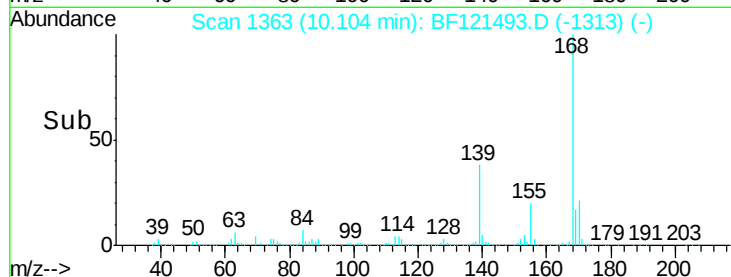
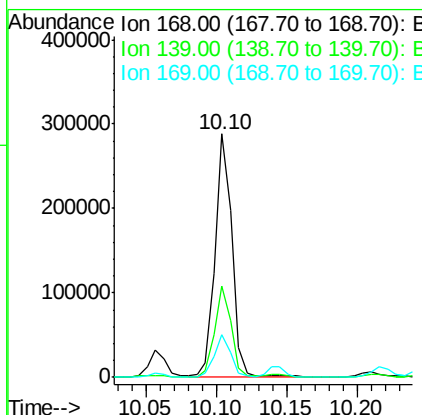
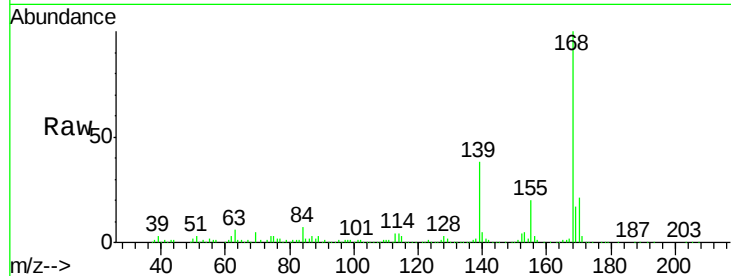




#55
Dibenzofuran
Concen: 5.998 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

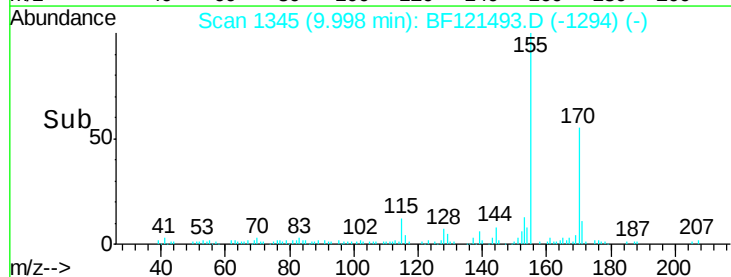
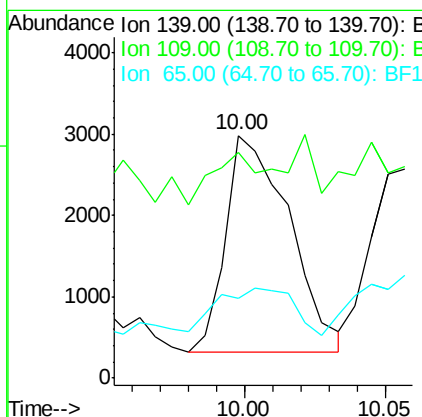
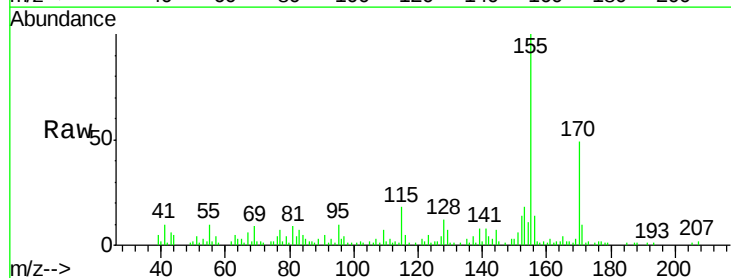
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-B

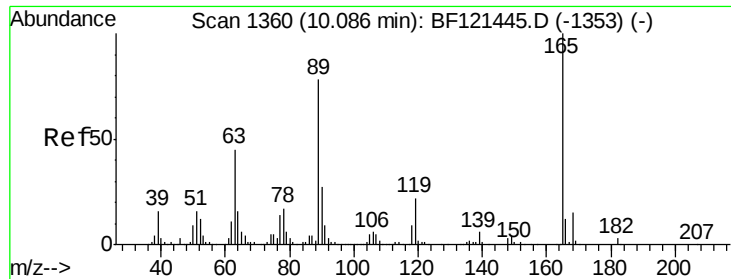
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	17.3	11.2	16.8#



#56
4-Nitrophenol
Concen: 8.462 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.8	50.5	90.5#
65	32.9	80.2	120.2#





#57

2,4-Dinitrotoluene

Concen: 7.570 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.02 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

Tot Ion:165 Resp: 2575

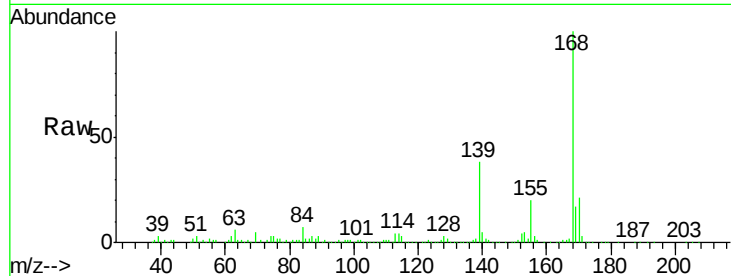
Ion Ratio Lower Upper

165 100

63 442.5 36.0 54.0#

89 232.5 62.6 93.8#

182 10.7 2.2 3.2#

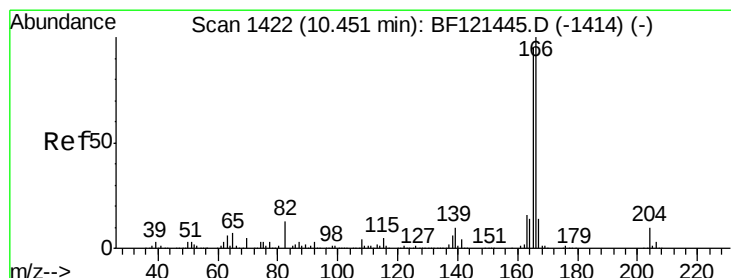
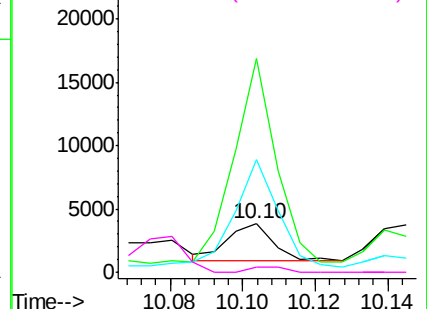
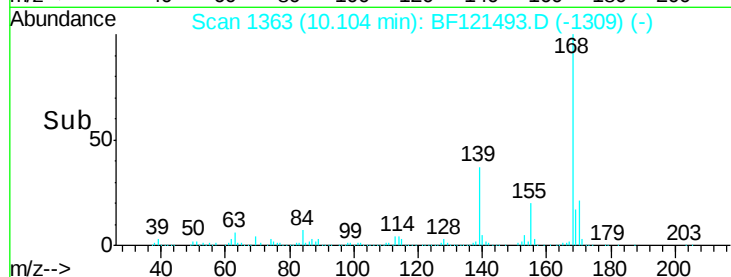


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 14.915 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

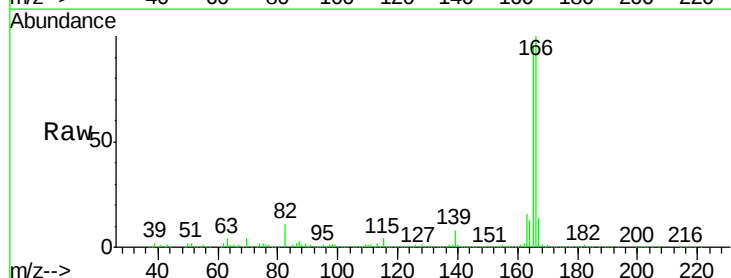
Tgt Ion:166 Resp: 450227

Ion Ratio Lower Upper

166 100

165 95.8 75.7 113.5

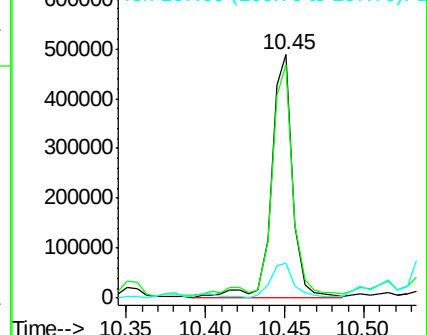
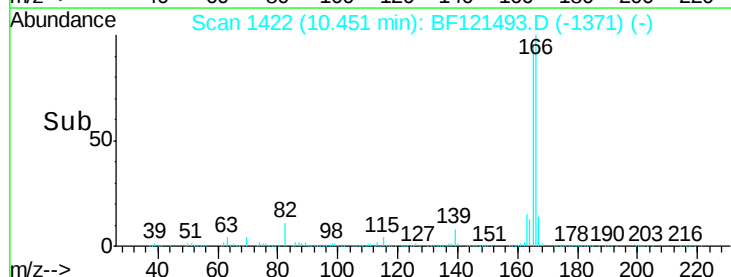
167 14.2 11.1 16.7

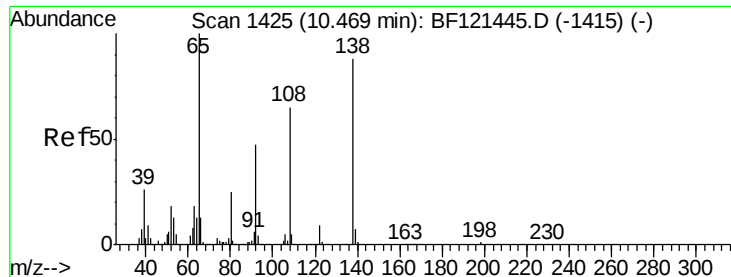


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

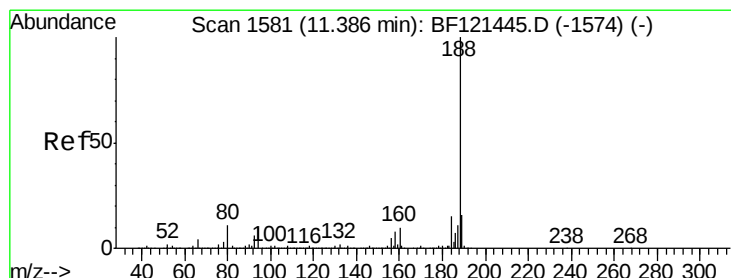
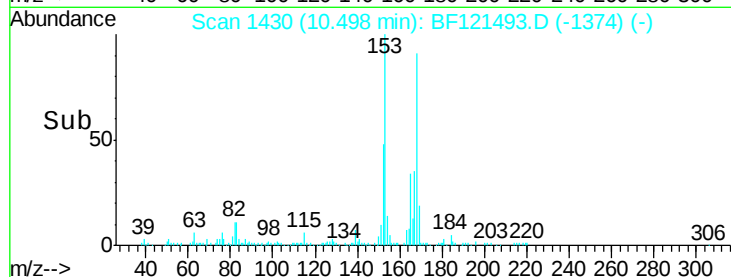
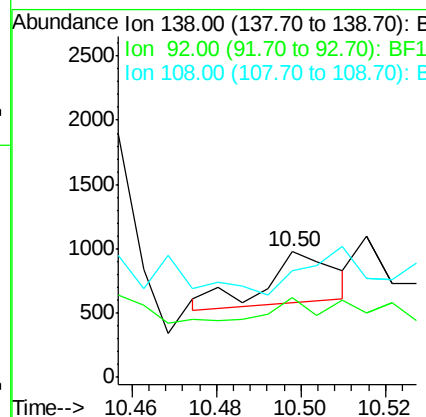
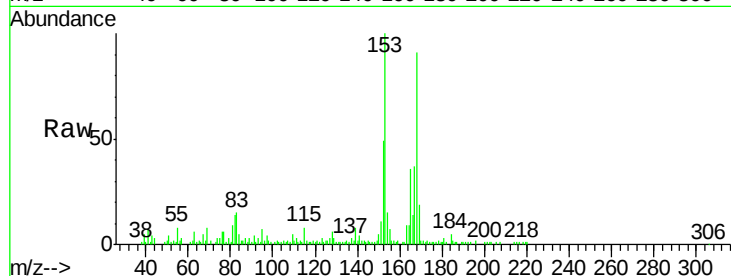




#62
4-Nitroaniline
Concen: 4.588 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.03 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

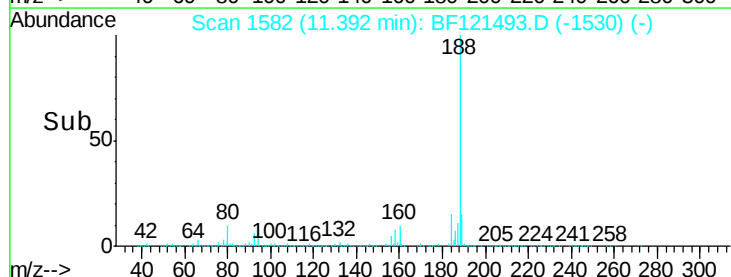
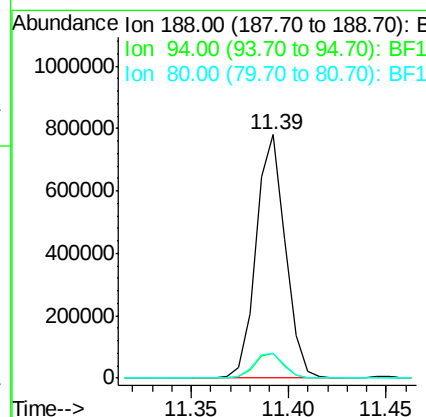
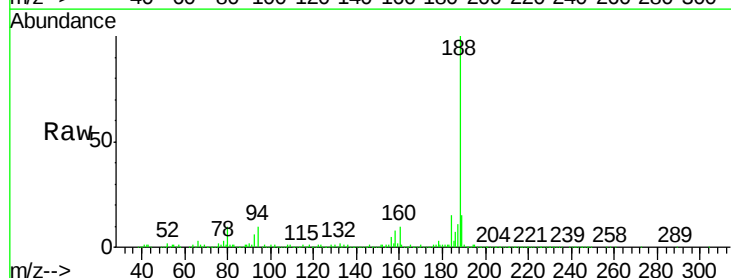
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-B

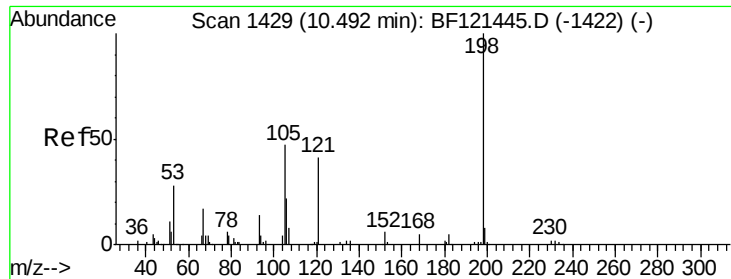
Tot Ion:138 Resp: 454
Ion Ratio Lower Upper
138 100
92 63.9 33.2 73.2
108 84.5 53.6 93.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

Tgt Ion:188 Resp: 801129
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.4 8.6 13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 5.467 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.10 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

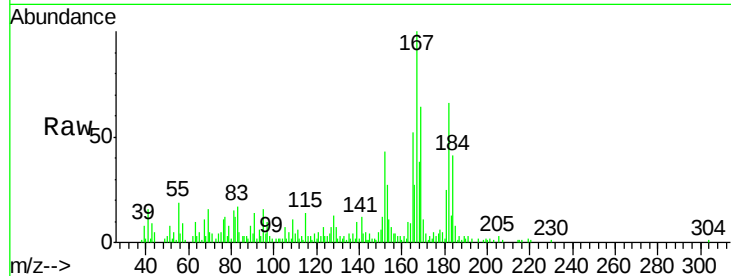
Tot Ion:198 Resp: 116

Ion Ratio Lower Upper

198 100

51 769.8 29.0 69.0#

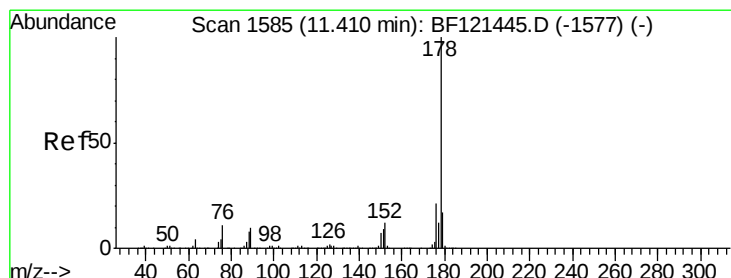
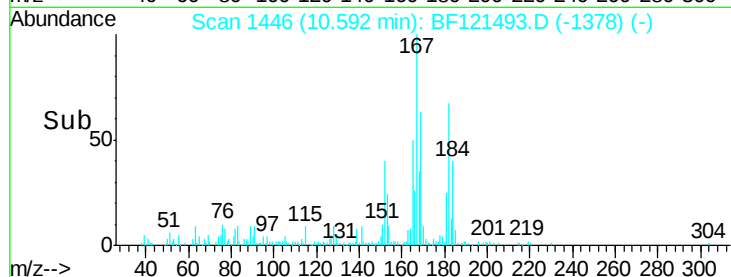
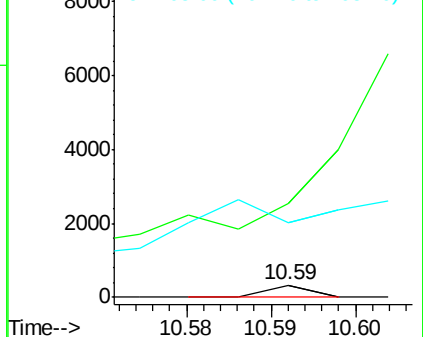
105 612.5 29.1 69.1#



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



#71

Phenanthrene

Concen: 107.441 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

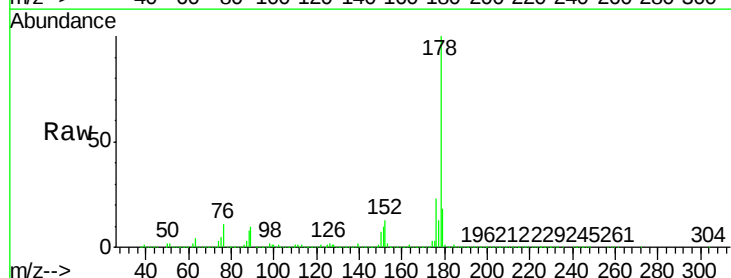
Tgt Ion:178 Resp: 4417148

Ion Ratio Lower Upper

178 100

176 23.2 16.9 25.3

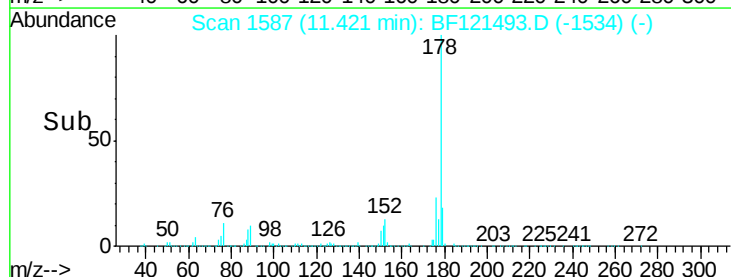
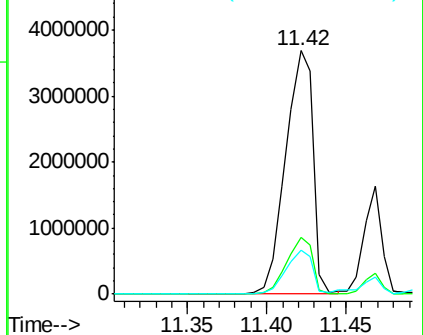
179 18.1 13.4 20.0

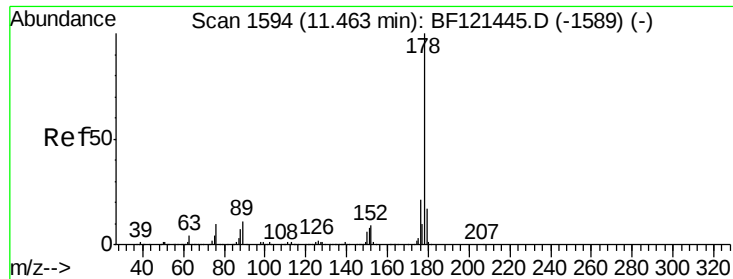


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 31.140 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

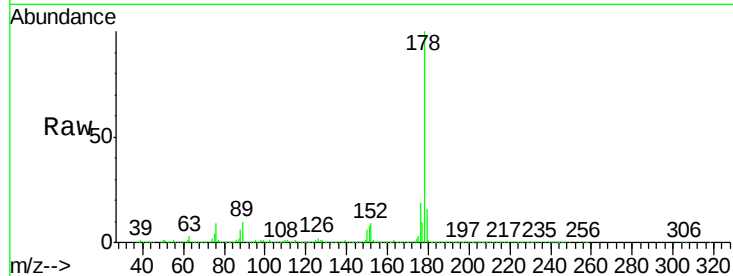
Tot Ion:178 Resp: 1259165

Ion Ratio Lower Upper

178 100

176 19.4 16.7 25.1

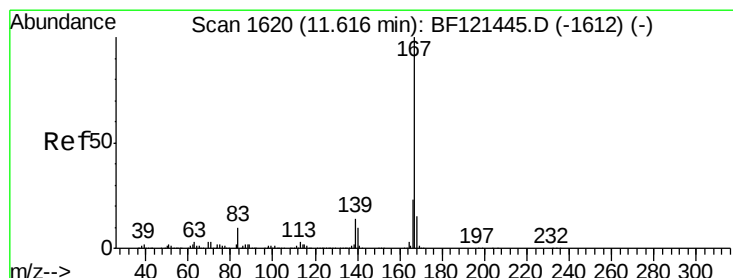
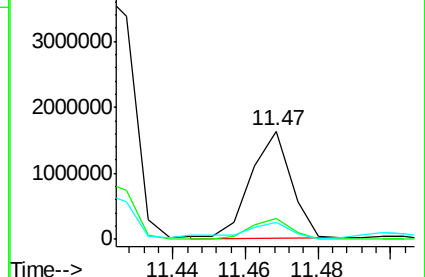
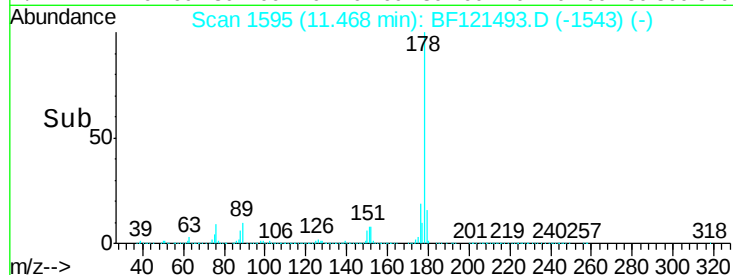
179 16.0 13.4 20.2



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: 6.163 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

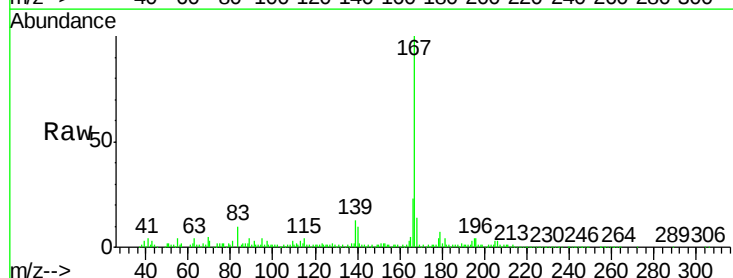
Tgt Ion:167 Resp: 240295

Ion Ratio Lower Upper

167 100

166 22.7 18.4 27.6

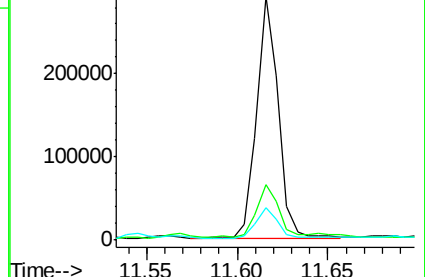
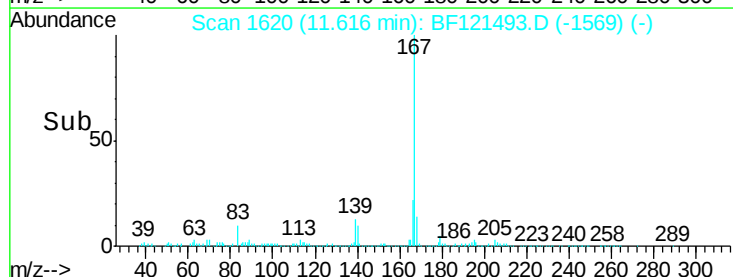
139 13.4 11.0 16.6

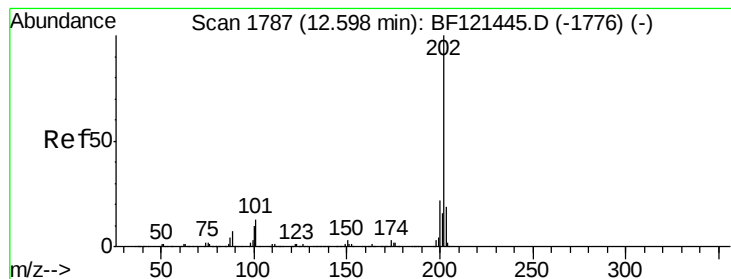


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 120.570 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.02 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

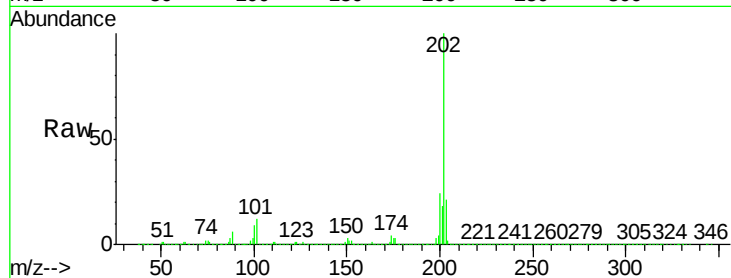
Tot Ion:202 Resp: 5342304

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.3

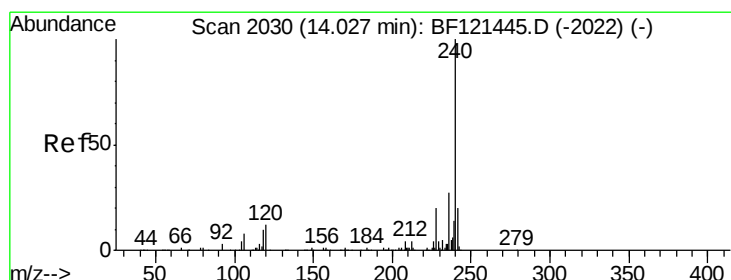
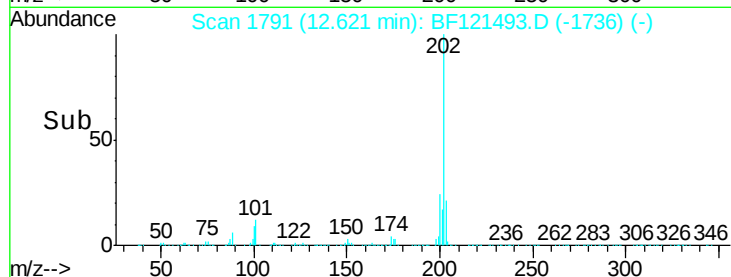
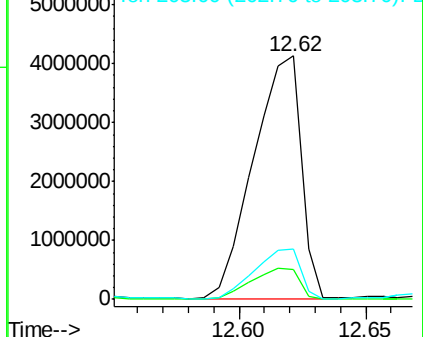
203 20.7 0.0 39.1



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# 2033

Delta R.T. 0.02 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

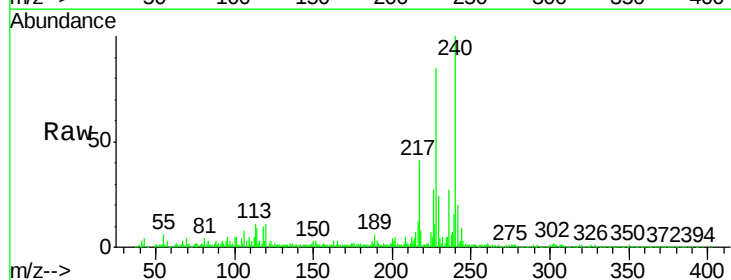
Tgt Ion:240 Resp: 580204

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

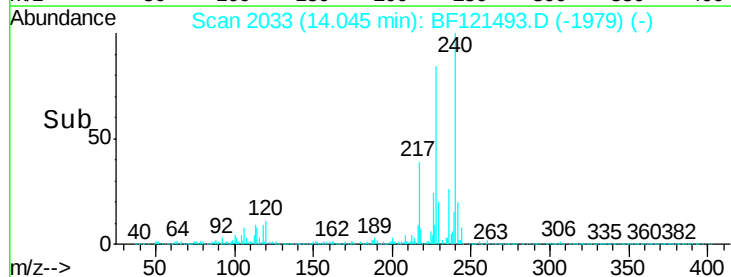
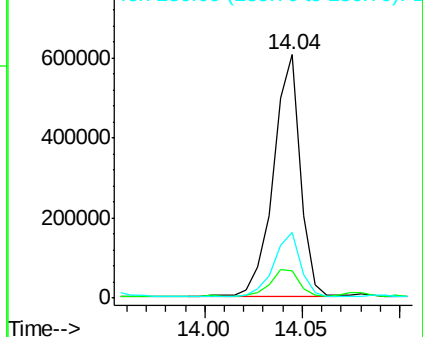
236 26.8 21.8 32.6

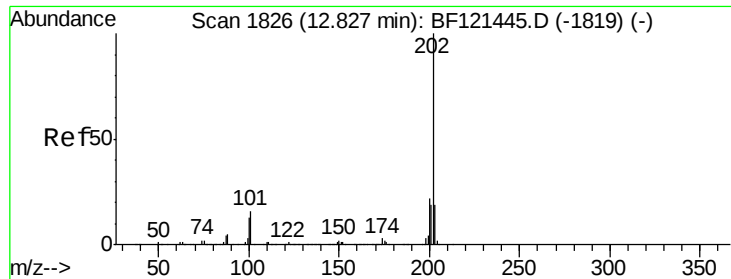


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

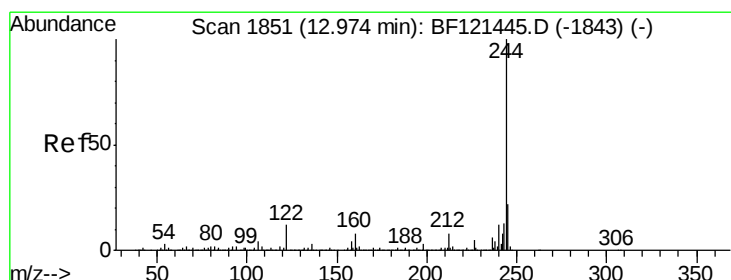
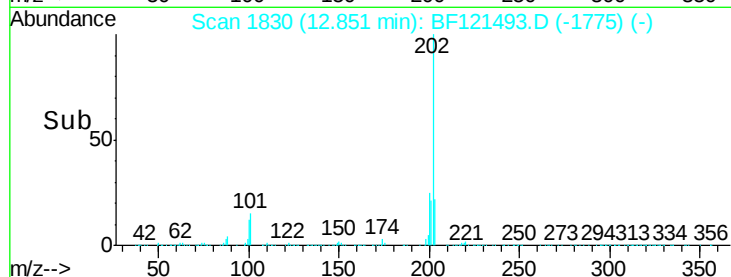
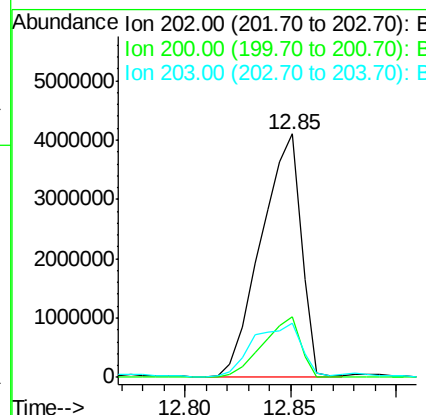
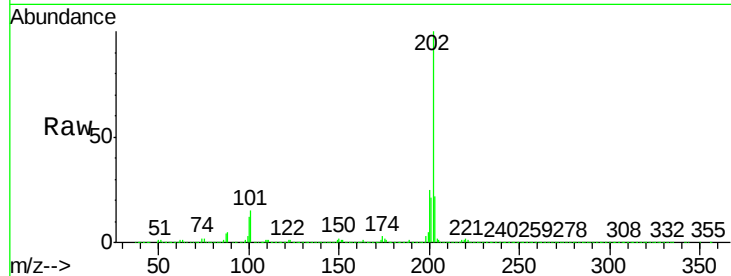




#78
Pvrene
Concen: 129.969 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.02 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

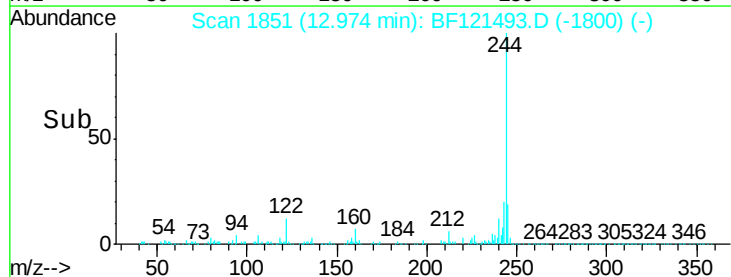
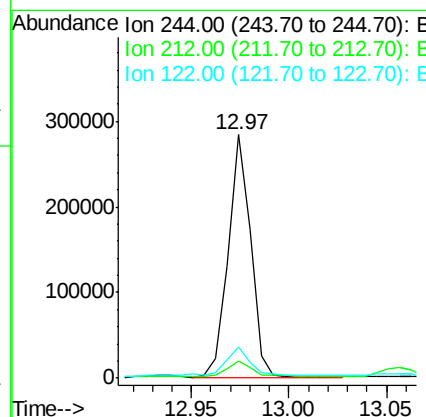
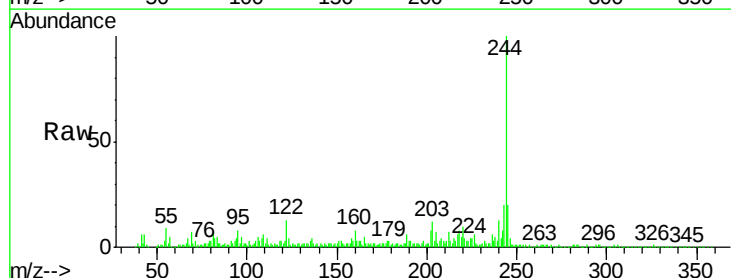
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-B

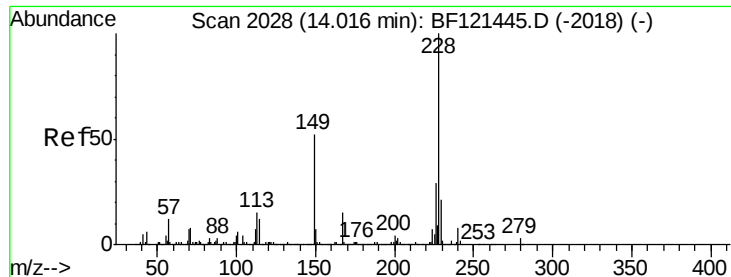
Tot Ion:202 Resp: 5385518
Ion Ratio Lower Upper
202 100
200 24.9 18.0 27.0
203 22.3 15.3 22.9



#79
Terphenyl-d14
Concen: 8.173 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

Tgt Ion:244 Resp: 225275
Ion Ratio Lower Upper
244 100
212 7.2 6.3 9.5
122 12.7 9.5 14.3

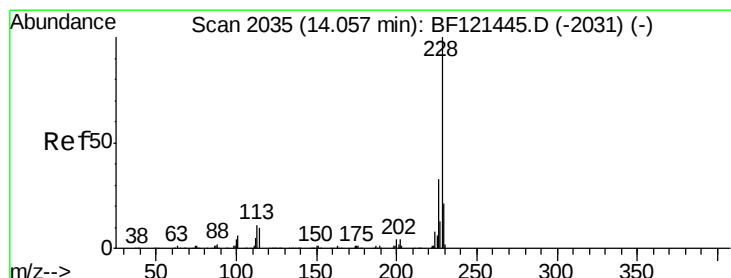
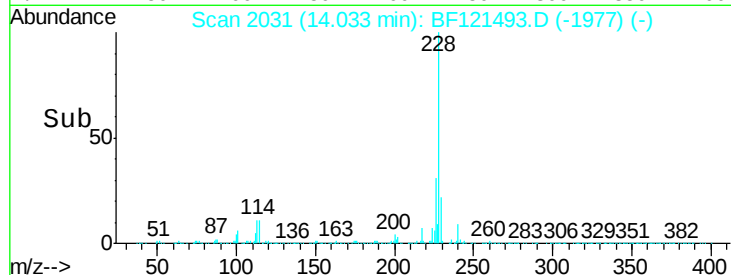
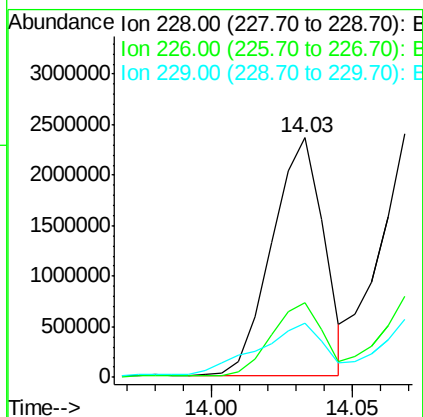
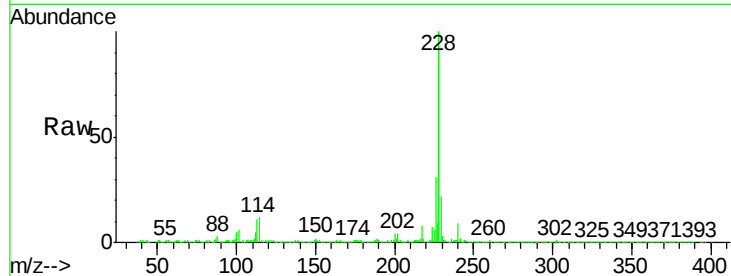




#81
Benzo(a)anthracene
Concen: 84.527 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

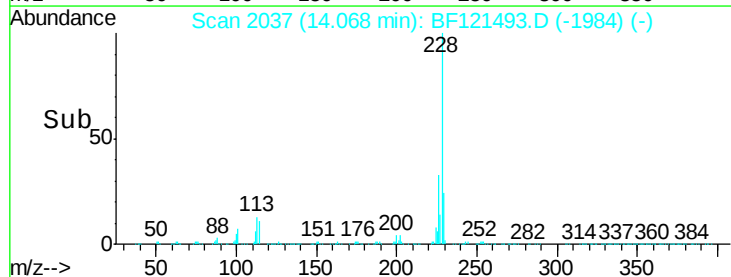
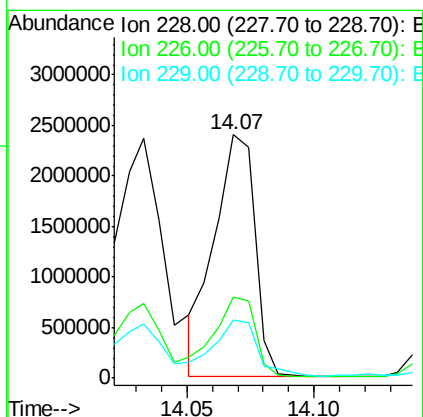
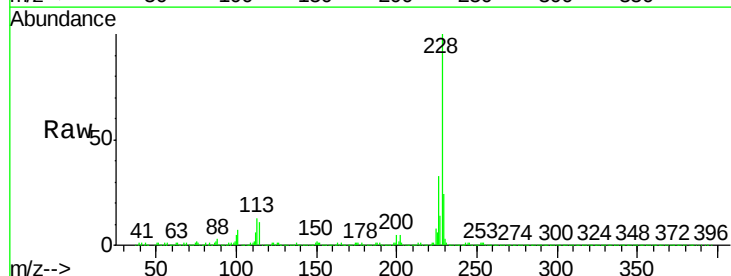
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-B

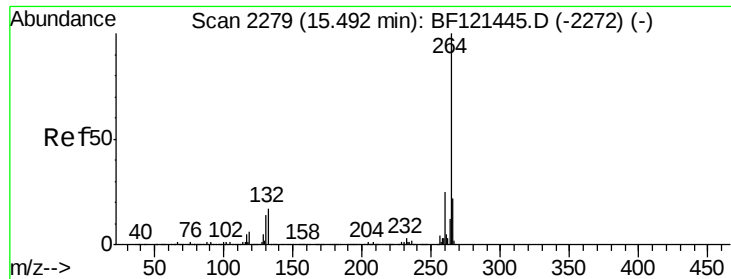
Tot Ion:228 Resp: 2993821
Ion Ratio Lower Upper
228 100
226 31.1 23.0 34.4
229 22.4 16.6 24.8



#83
Chrysene
Concen: 75.341 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

Tgt Ion:228 Resp: 2669689
Ion Ratio Lower Upper
228 100
226 33.2 26.2 39.2
229 24.1 16.6 25.0

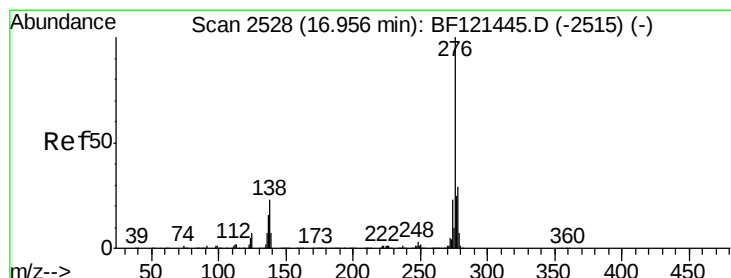
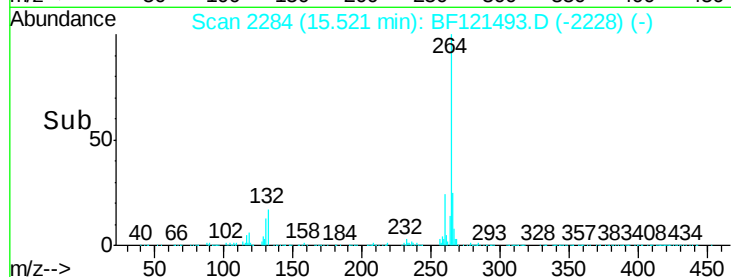
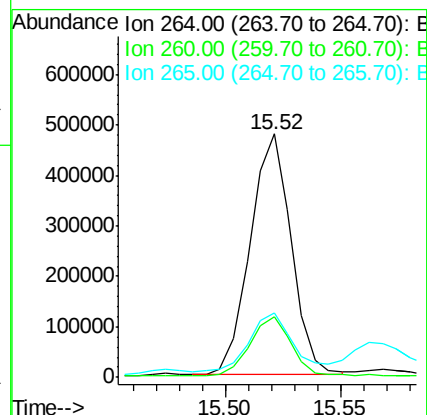
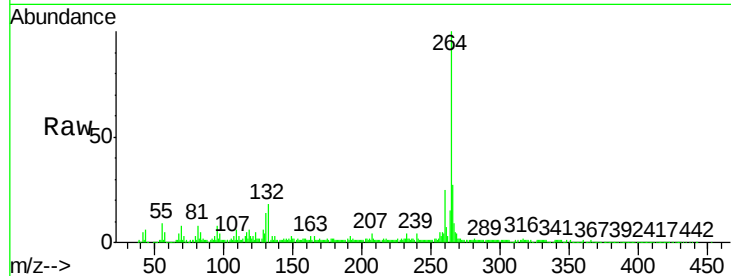




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.03 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

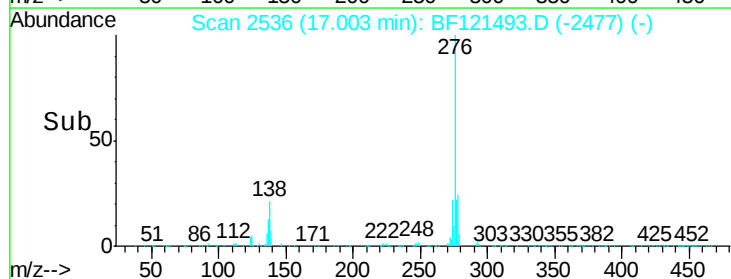
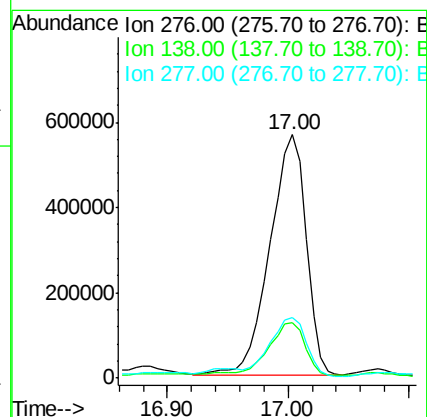
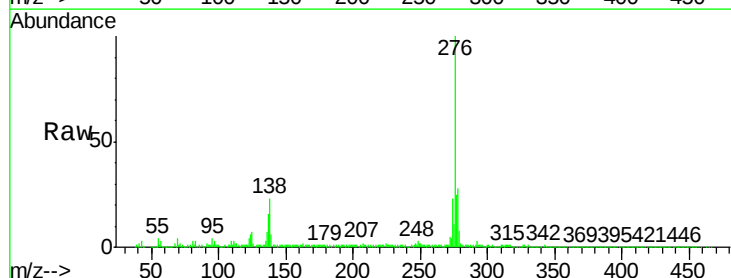
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-B

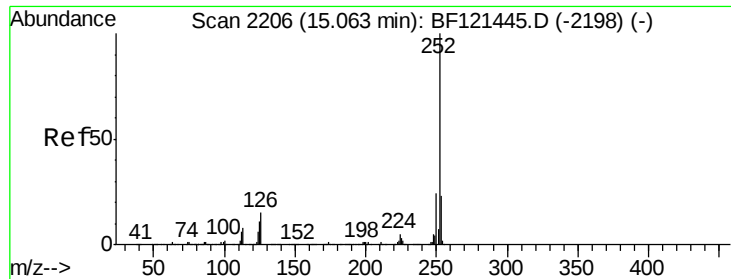
Tot Ion:264 Resp: 589748
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 26.5 17.8 26.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 32.276 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.05 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

Tgt Ion:276 Resp: 1171157
Ion Ratio Lower Upper
276 100
138 23.0 20.6 31.0
277 24.4 20.5 30.7

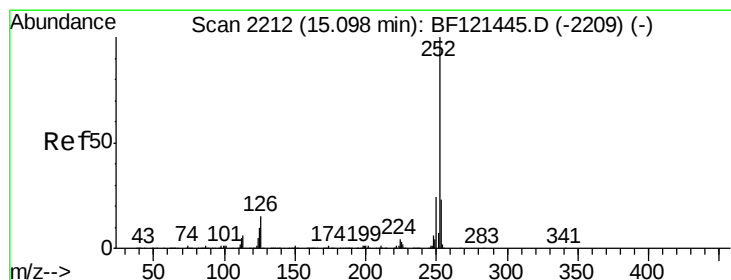
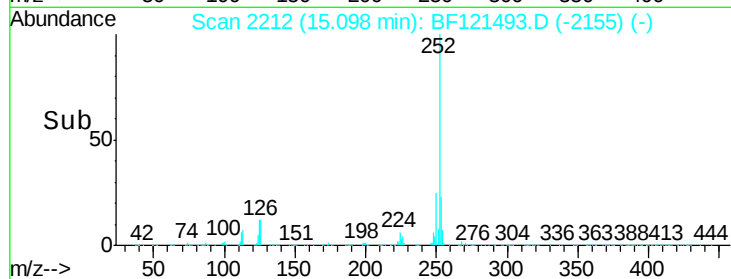
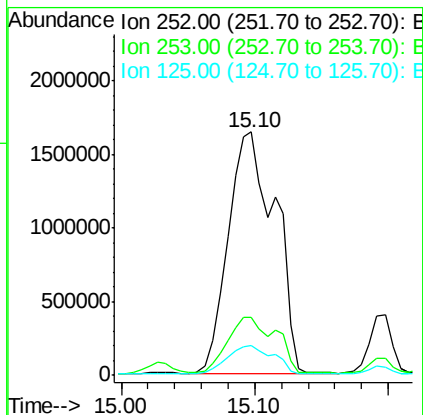
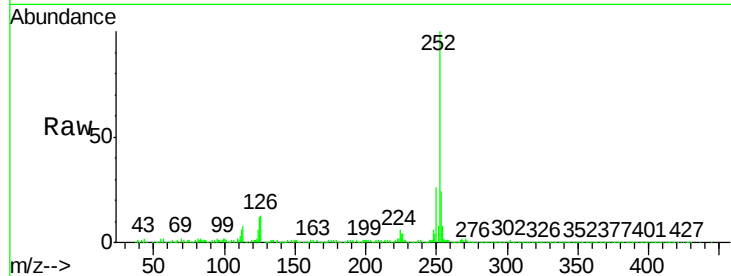




#88
Benzo(b)fluoranthene
Concen: 104.879 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.04 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

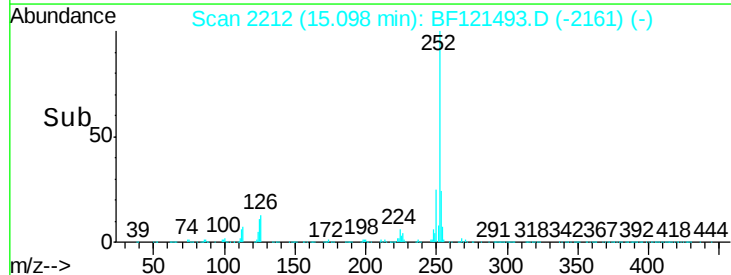
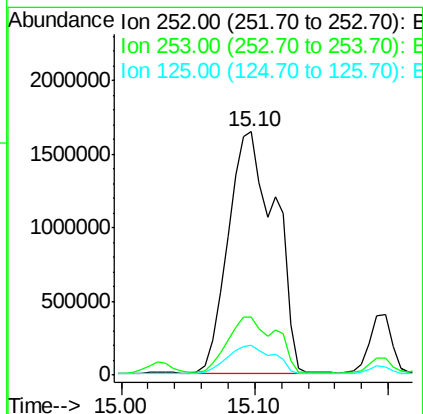
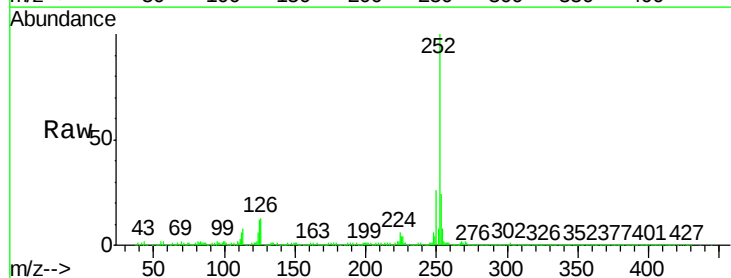
Instrument :
BNA_F
ClientSampleId :
LINDEN-JOP-BH-09-B

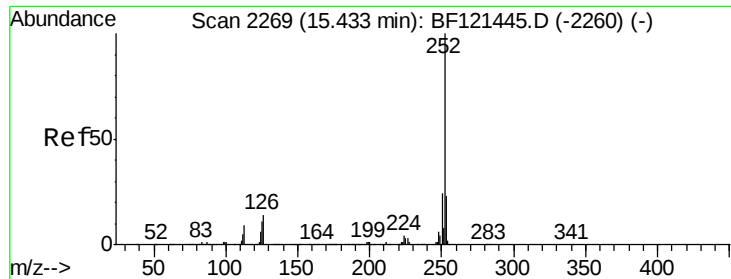
Tot Ion:252 Resp: 4023449
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 12.2 9.2 13.8



#89
Benzo(k)fluoranthene
Concen: 112.757 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF121493.D
Acq: 31 Aug 2020 23:06

Tgt Ion:252 Resp: 4023449
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 12.2 8.5 12.7





#90

Benzo(a)pyrene

Concen: 64.290 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.03 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

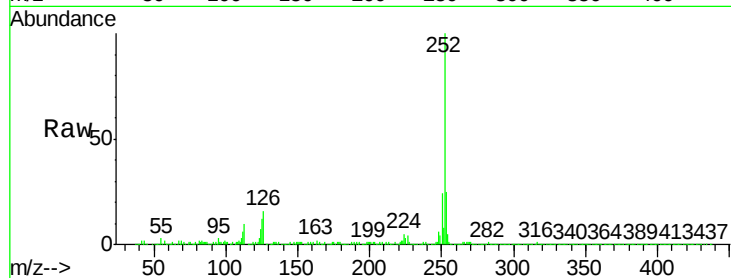
Tot Ion:252 Resp: 2217759

Ion Ratio Lower Upper

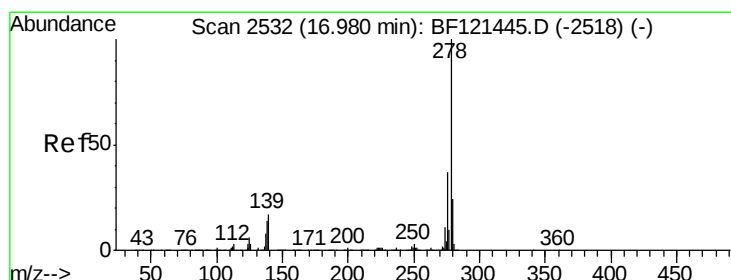
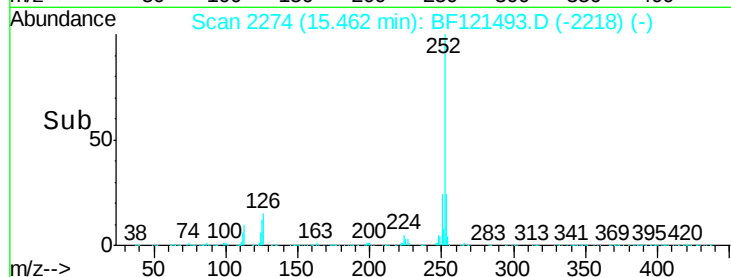
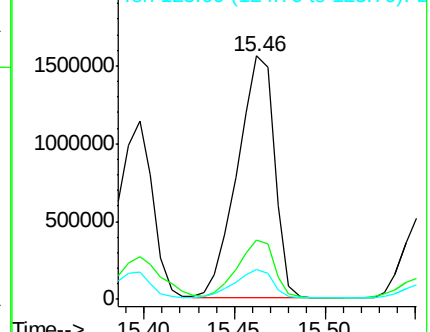
252 100

253 24.5 18.0 27.0

125 12.4 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: 9.430 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.19 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

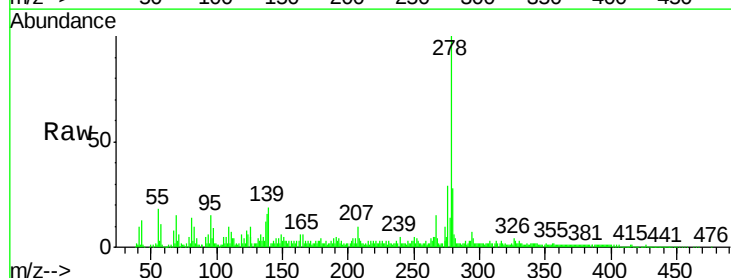
Tgt Ion:278 Resp: 280102

Ion Ratio Lower Upper

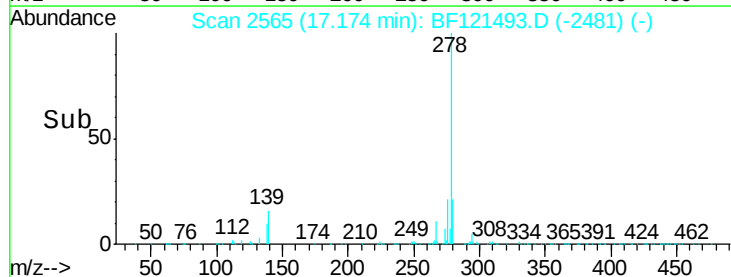
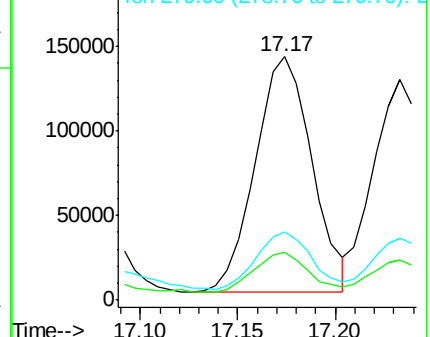
278 100

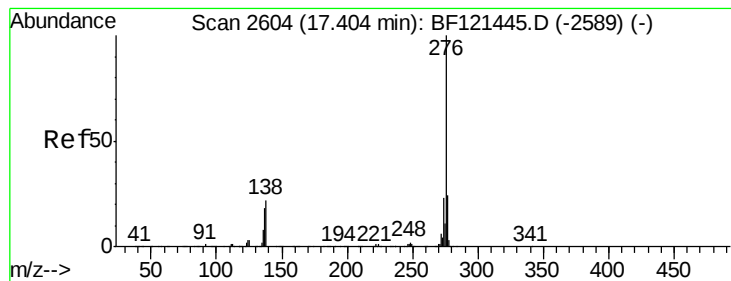
139 19.5 13.3 19.9

279 28.2 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: 37.467 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.05 min

Lab File: BF121493.D

Acq: 31 Aug 2020 23:06

Instrument :

BNA_F

ClientSampleId :

LINDEN-JOP-BH-09-B

Tot Ion:276 Resp: 1072037

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 23.6 17.4 26.0

