

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
 Data File : BF121607.D
 Acq On : 17 Sep 2020 20:27
 Operator : JU/CG
 Sample : L4038-09 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B36-091620-10-15

Quant Time: Sep 18 00:47:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

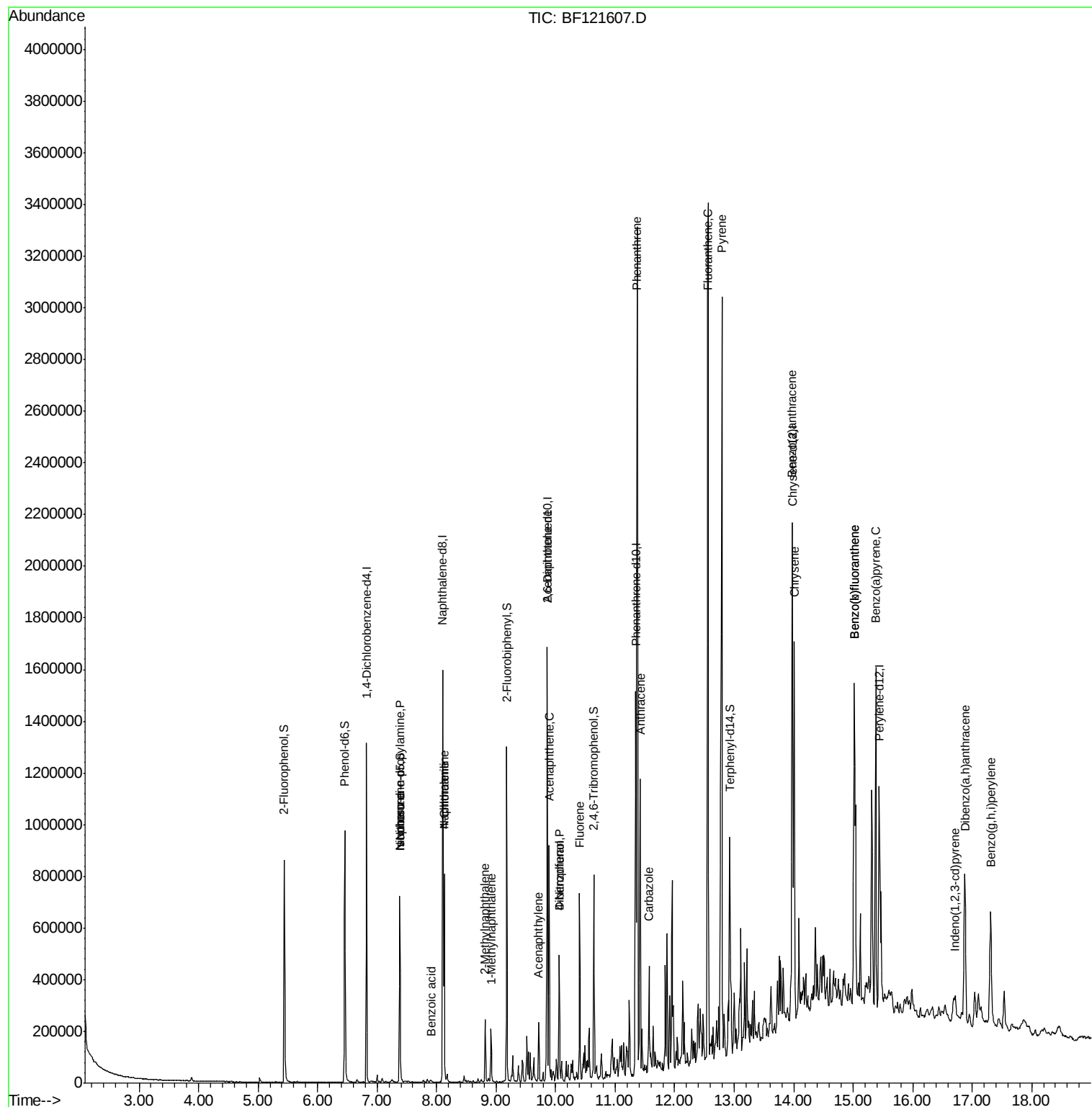
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	187459	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	708882	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	341413	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	534606	20.00	ng	0.00
76) Chrysene-d12	13.99	240	338223	20.00	ng	0.00
86) Perylene-d12	15.44	264	375506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	255905	20.29	ng	0.00
7) Phenol-d6	6.46	99	323649	19.56	ng	0.00
23) Nitrobenzene-d5	7.38	82	208018	15.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	70741	16.67	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	390700	17.33	ng	-0.01
79) Terphenyl-d14	12.93	244	265540	15.91	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	26702	2.800	ng	# 80
25) Isophorone	7.38	82	208015	7.827	ng	# 66
31) Naphthalene	8.13	128	314299	8.399	ng	# 98
32) Benzoic acid	7.90	122	2979	7.224	ng	# 16
33) 4-Chloroaniline	8.13	127	40071	2.470	ng	# 31
37) 2-Methylnaphthalene	8.82	142	65860	2.686	ng	# 98
38) 1-Methylnaphthalene	8.92	142	52849	2.316	ng	# 98
49) Acenaphthylene	9.72	152	85204	2.575	ng	# 99
51) 2,6-Dinitrotoluene	9.86	165	47814	9.073	ng	# 28
52) Acenaphthene	9.89	154	179491	8.587	ng	# 99
55) Dibenzofuran	10.06	168	157275	5.343	ng	# 97
56) 4-Nitrophenol	10.06	139	58392	11.994	ng	# 7
58) Fluorene	10.40	166	180644	8.025	ng	# 99
71) Phenanthrene	11.37	178	1332918	45.761	ng	# 99
72) Anthracene	11.42	178	447982	14.904	ng	# 98
73) Carbazole	11.57	167	143981	5.308	ng	# 99
75) Fluoranthene	12.56	202	1410759	45.372	ng	# 96
78) Pyrene	12.79	202	1328693	53.768	ng	# 99
81) Benzo(a)anthracene	13.97	228	639876	29.904	ng	# 96
83) Chrysene	14.01	228	555072	25.617	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.72	276	66492	2.719	ng	# 97
88) Benzo(b)fluoranthene	15.02	252	1013541	40.375	ng	# 99
89) Benzo(k)fluoranthene	15.02	252	1013541	44.090	ng	# 99
90) Benzo(a)pyrene	15.38	252	629744	29.512	ng	# 98
91) Dibenzo(a,h)anthracene	16.89	278	94015	4.618	ng	# 92
92) Benzo(g,h,i)perylene	17.31	276	358499	17.916	ng	# 98

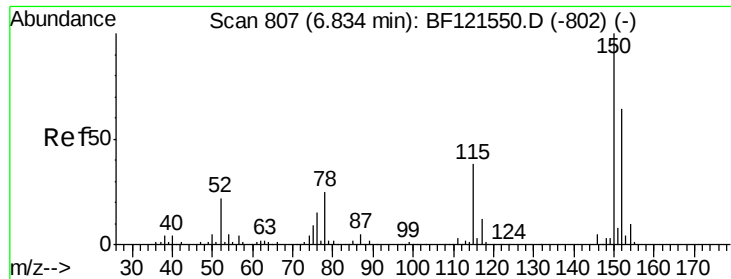
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
Data File : BF121607.D
Acq On : 17 Sep 2020 20:27
Operator : JU/CG
Sample : L4038-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Quant Time: Sep 18 00:47:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration



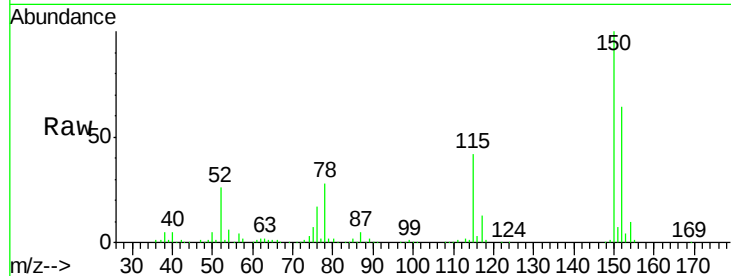


#1

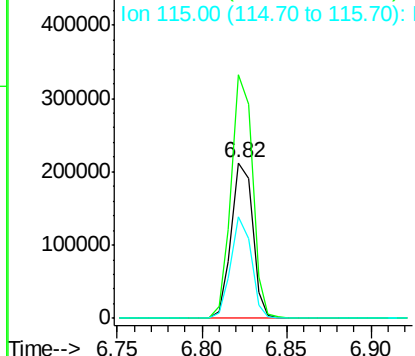
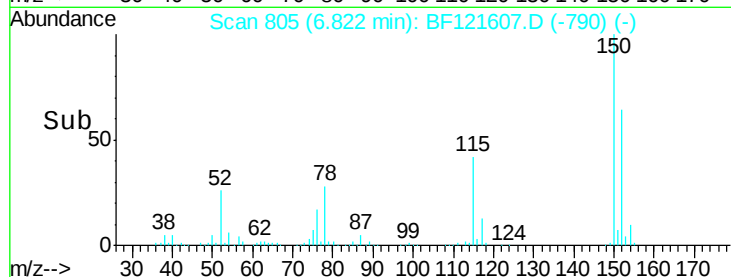
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tot Ion:152 Resp: 187459
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 65.5 47.8 71.8



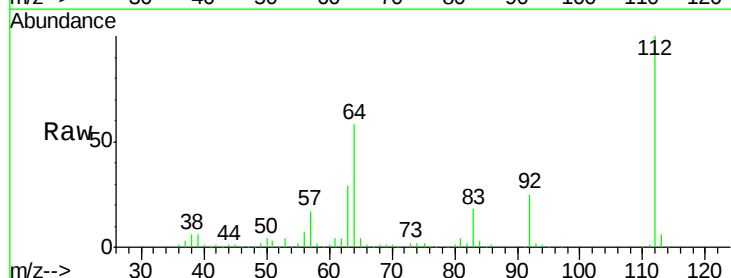
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



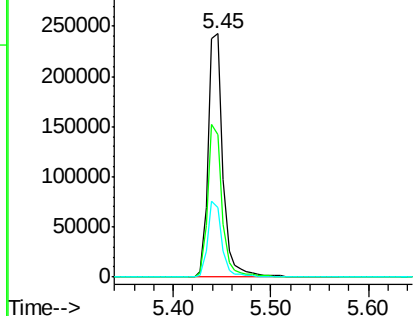
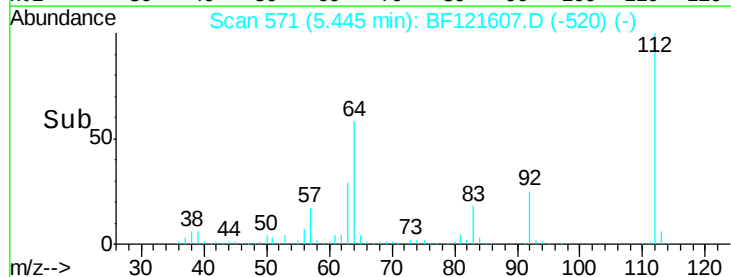
#5

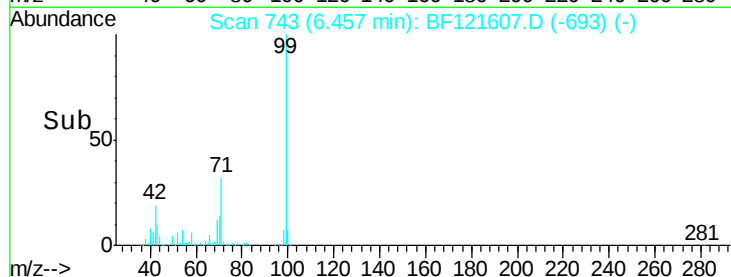
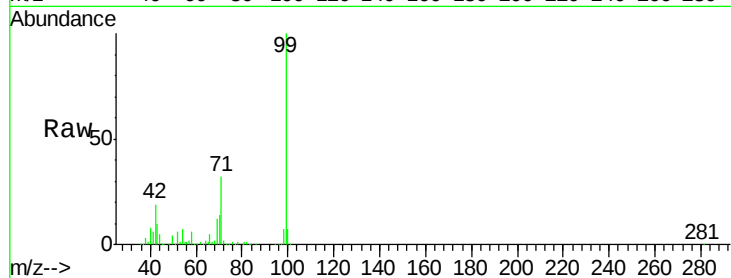
2-Fluorophenol
Concen: 20.287 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Tgt Ion:112 Resp: 255905
Ion Ratio Lower Upper
112 100
64 58.5 50.3 75.5
63 28.6 25.6 38.4



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: 19.557 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

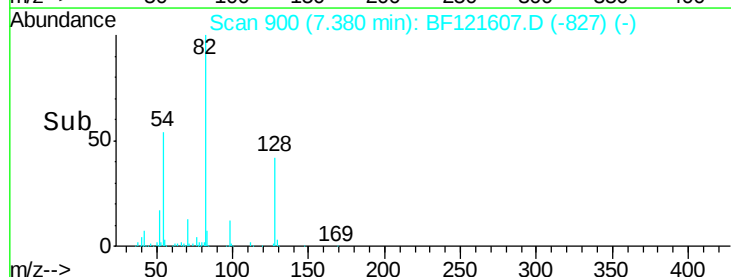
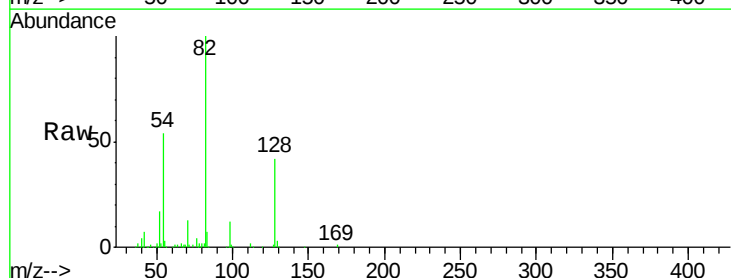
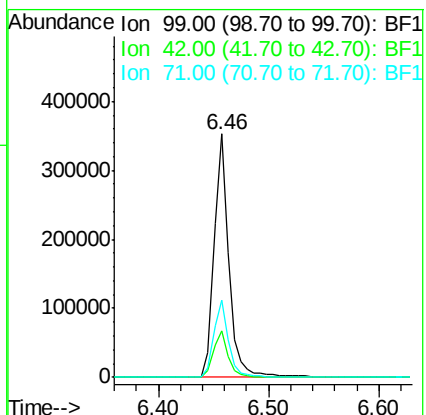
Tot Ion: 99 Resp: 323649

Ion Ratio Lower Upper

99 100

42 19.1 15.5 23.3

71 31.8 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 2.800 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.13 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

Tgt Ion: 70 Resp: 26702

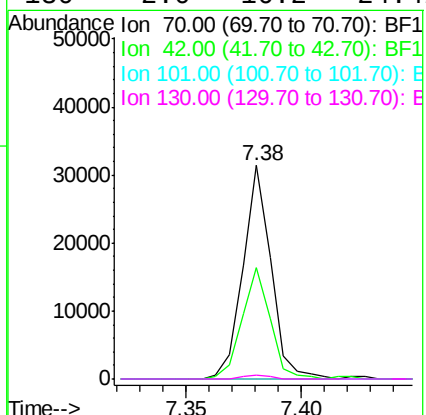
Ion Ratio Lower Upper

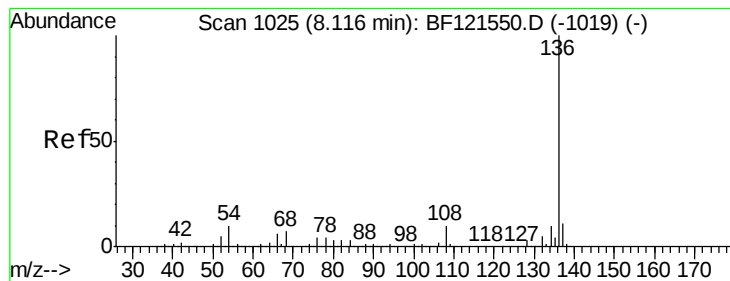
70 100

42 52.2 49.4 74.2

101 0.0 7.6 11.4#

130 2.0 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

Tot Ion:136 Resp: 708882

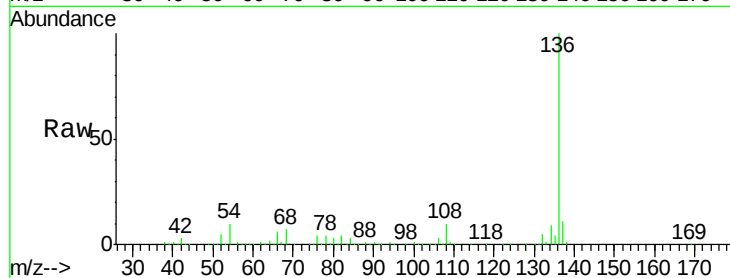
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.0 7.6 11.4

68 7.2 5.7 8.5

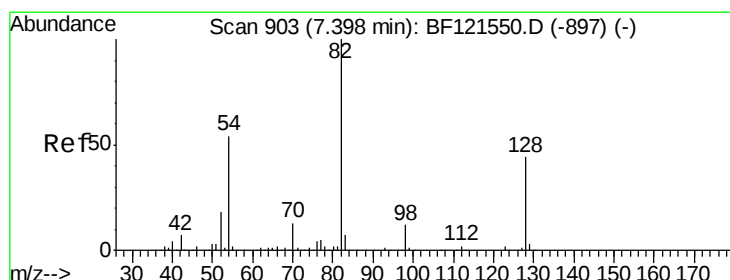
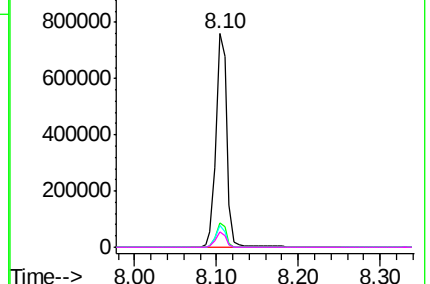
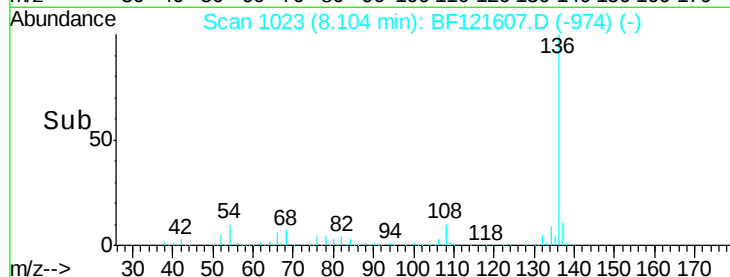


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.756 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

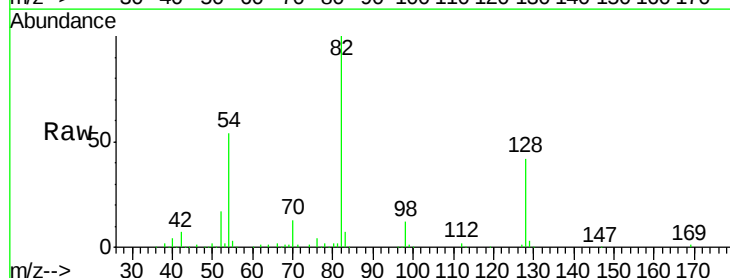
Tgt Ion: 82 Resp: 208018

Ion Ratio Lower Upper

82 100

128 42.2 35.1 52.7

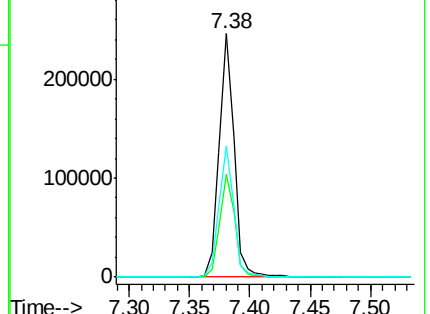
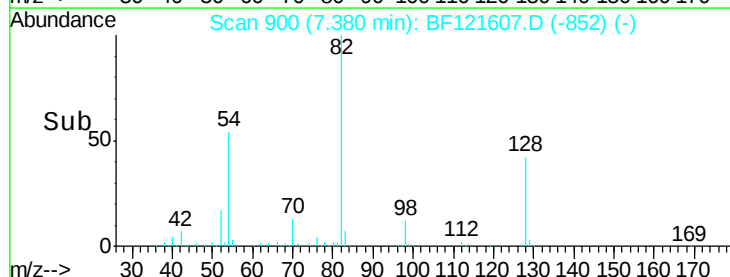
54 53.9 43.0 64.6

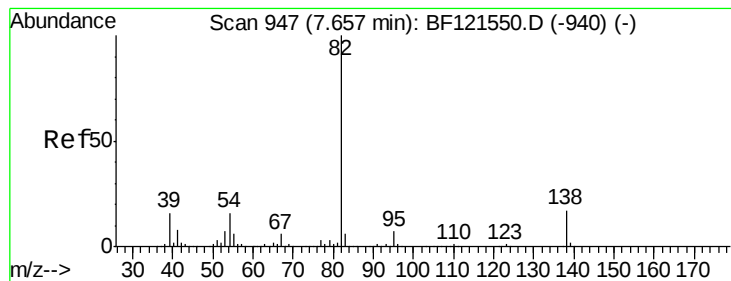


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.827 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.28 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

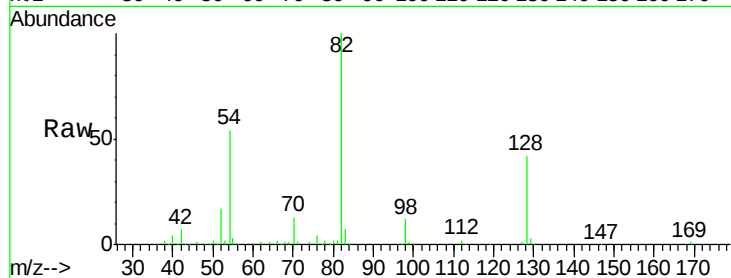
Tot Ion: 82 Resp: 208015

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

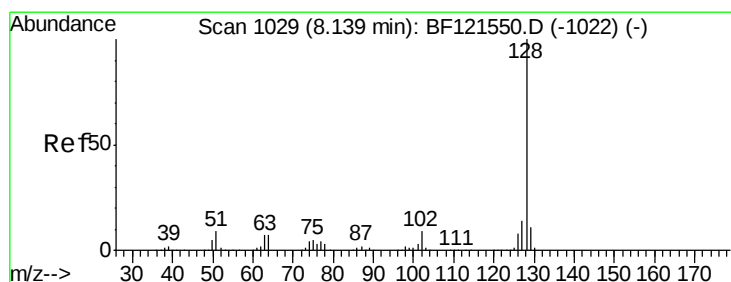
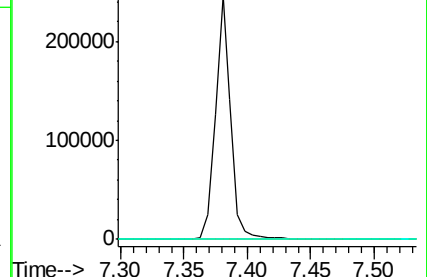
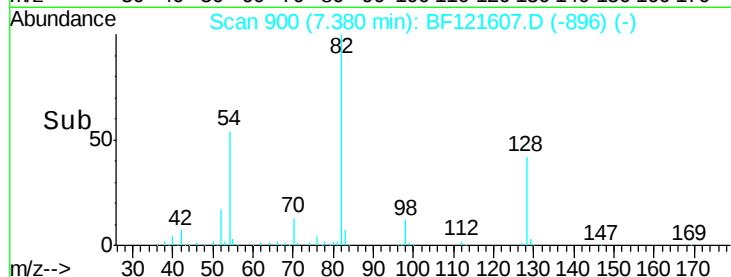
138 0.0 13.7 20.5#



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: 8.399 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

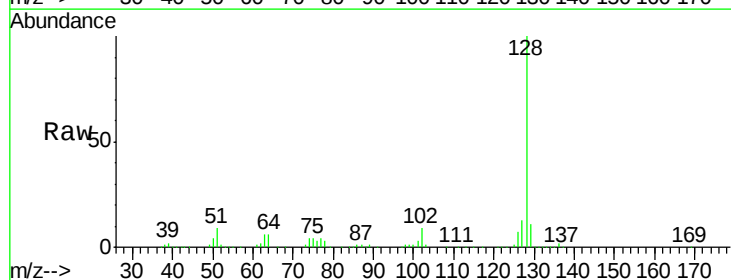
Tgt Ion: 128 Resp: 314299

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

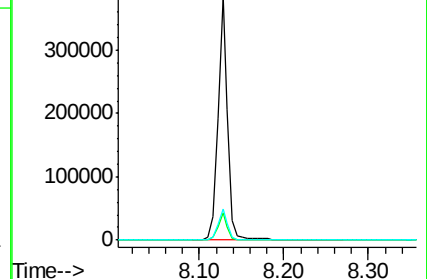
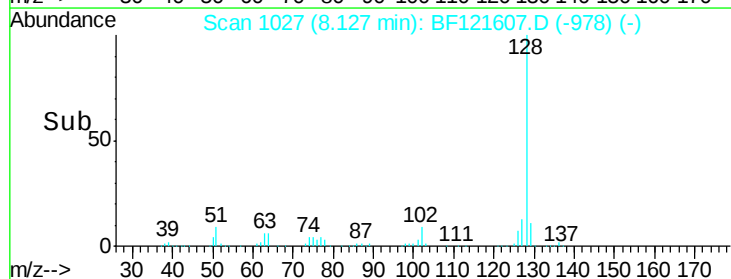
127 12.7 11.0 16.6

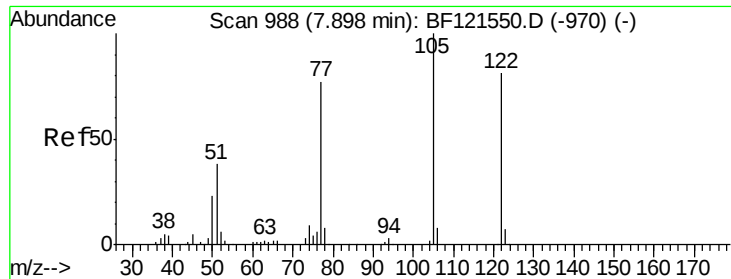


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1





#32

Benzoic acid

Concen: 7.224 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

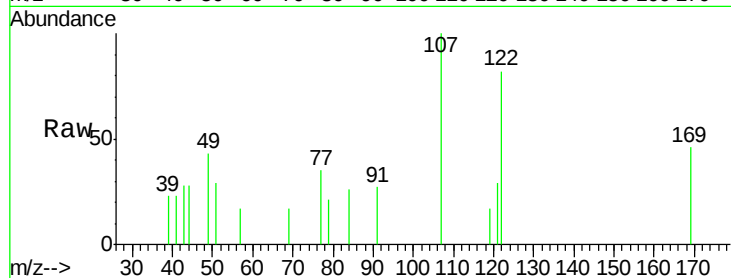
Tot Ion:122 Resp: 2979

Ion Ratio Lower Upper

122 100

105 0.0 100.5 140.5#

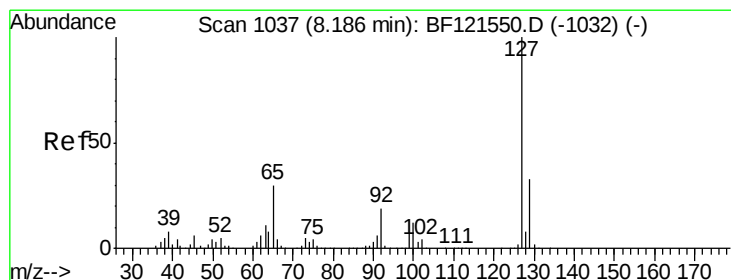
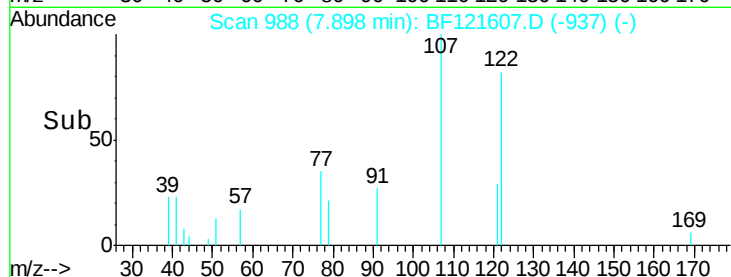
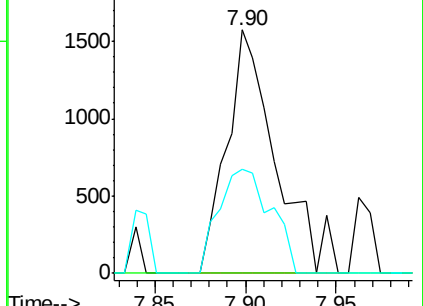
77 42.9 72.6 112.6#



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



#33

4-Chloroaniline

Concen: 2.470 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.06 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

Tgt Ion:127 Resp: 40071

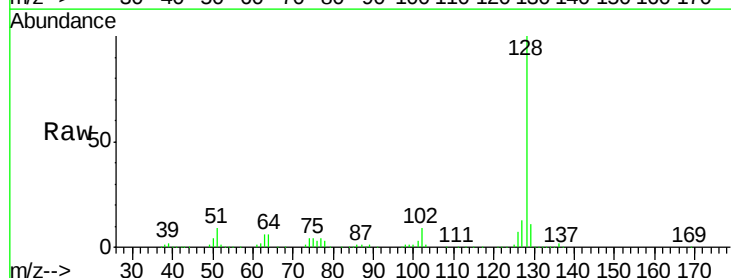
Ion Ratio Lower Upper

127 100

129 87.0 26.4 39.6#

65 0.0 24.4 36.6#

92 0.0 15.4 23.2#

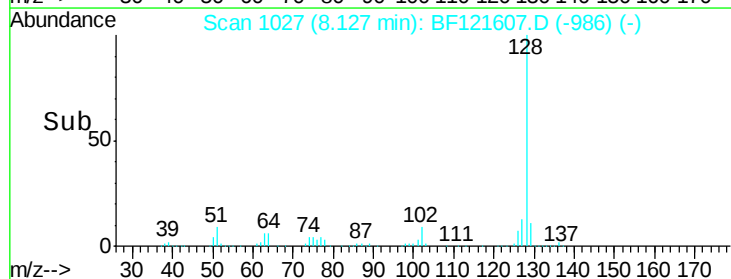
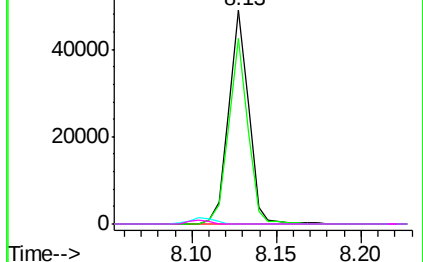


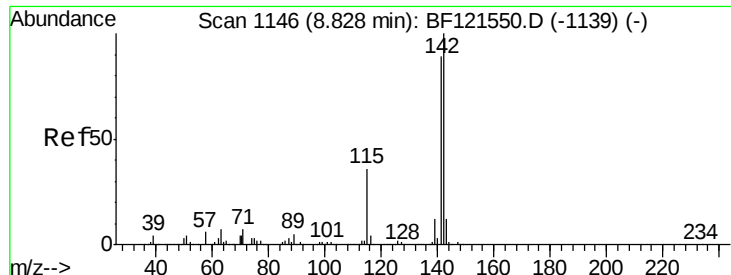
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

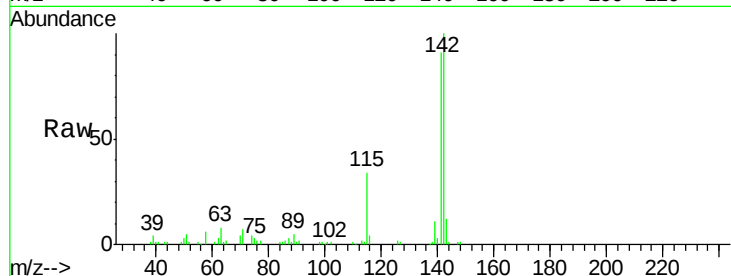




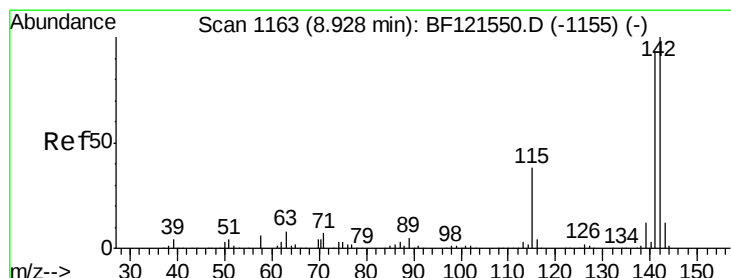
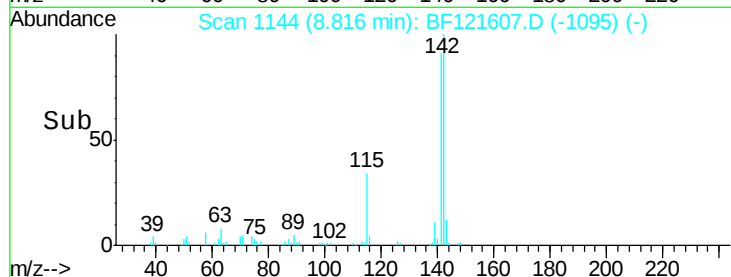
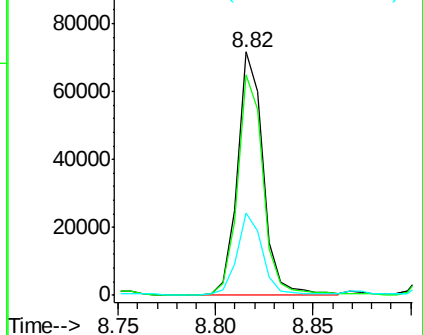
#37
2-Methylnaphthalene
Concen: 2.686 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.5	107.3
115	34.0	28.7	43.1

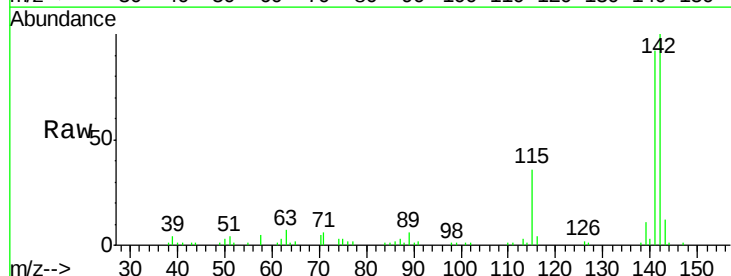


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

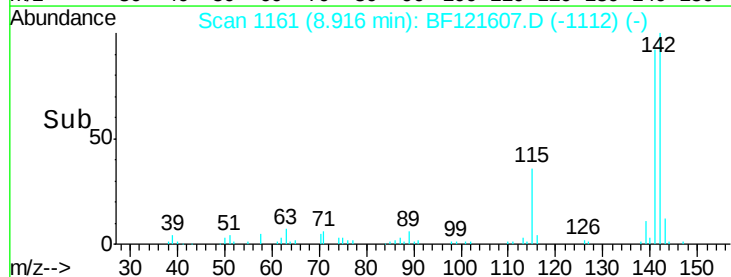
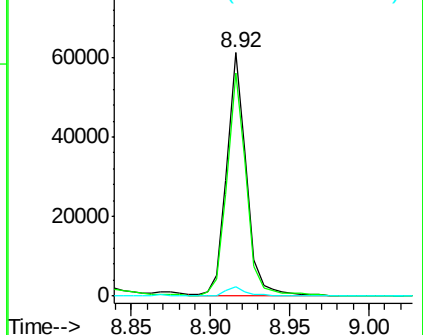


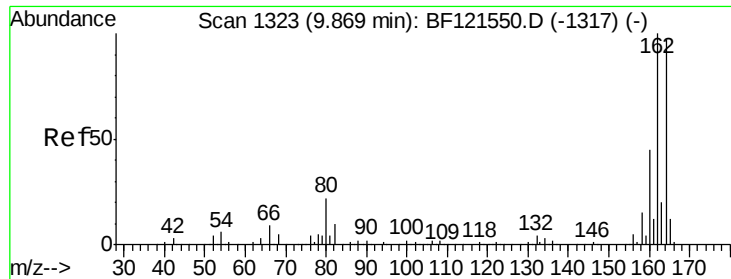
#38
1-Methylnaphthalene
Concen: 2.316 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.8	112.2
116	3.8	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

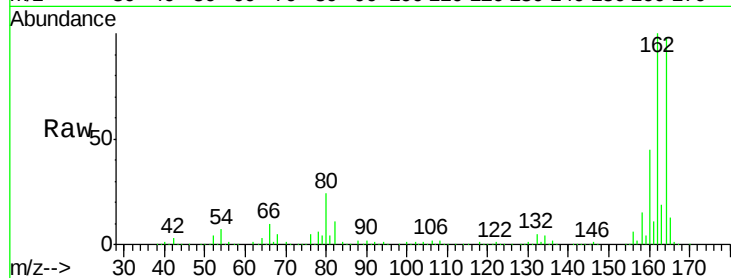




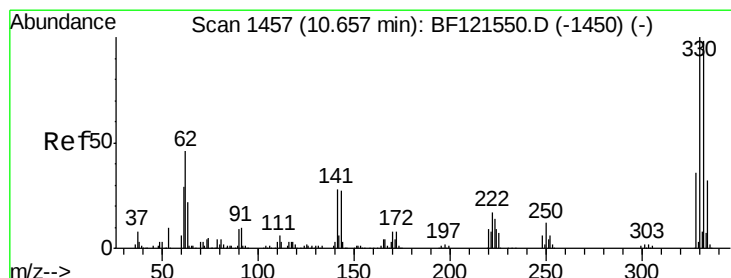
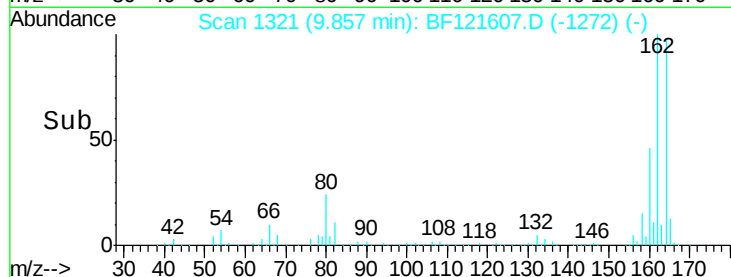
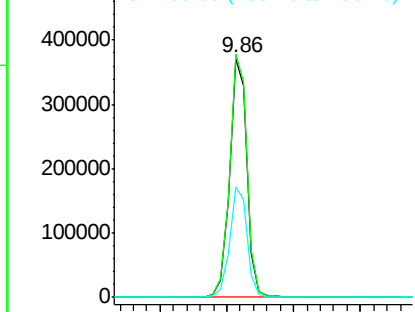
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tot Ion:164 Resp: 341413
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 46.4 37.0 55.4

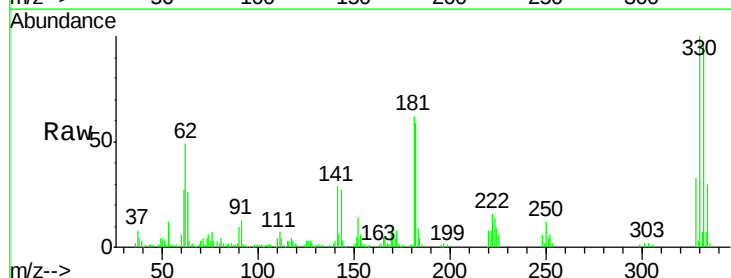


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

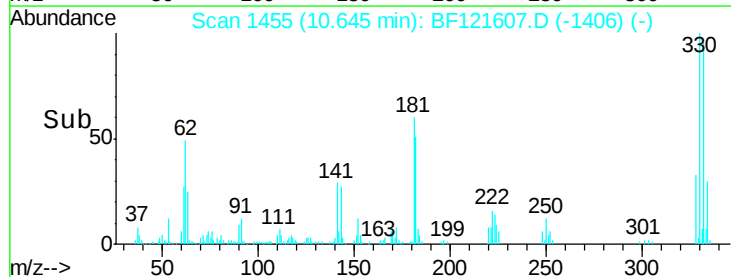
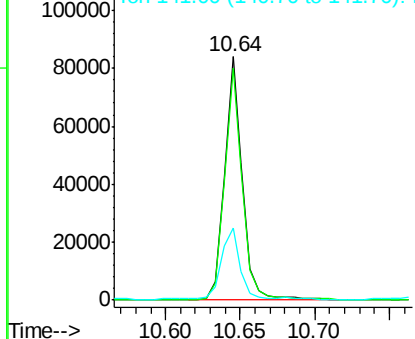


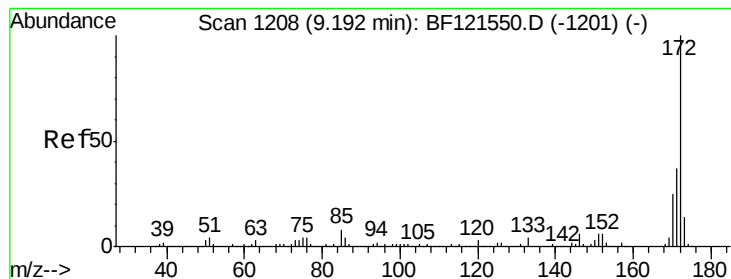
#42
2,4,6-Tribromophenol
Concen: 16.671 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Tgt Ion:330 Resp: 70741
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 34.6 23.6 35.4



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: 17.332 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

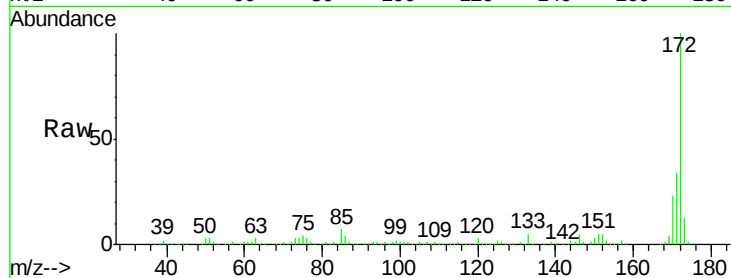
Tot Ion:172 Resp: 390700

Ion Ratio Lower Upper

172 100

171 34.0 29.8 44.6

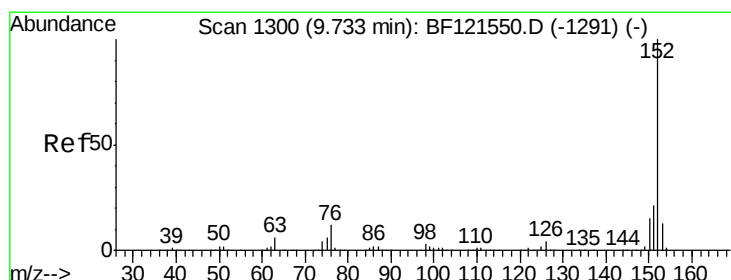
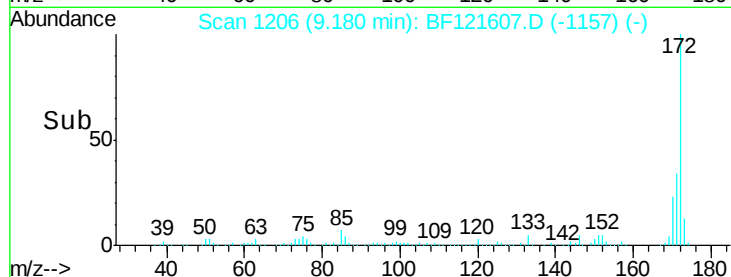
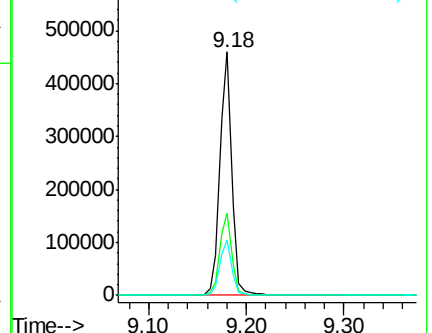
170 22.9 19.8 29.8



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



#49

Acenaphthylene

Concen: 2.575 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

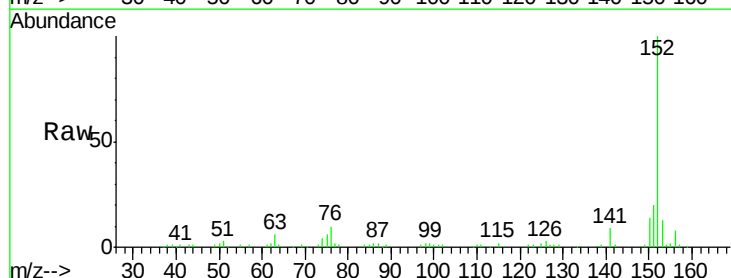
Tgt Ion:152 Resp: 85204

Ion Ratio Lower Upper

152 100

151 19.6 16.6 24.8

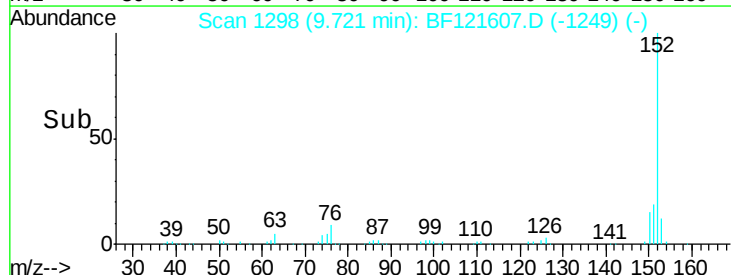
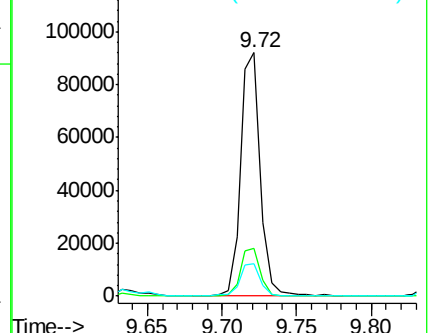
153 13.4 10.7 16.1

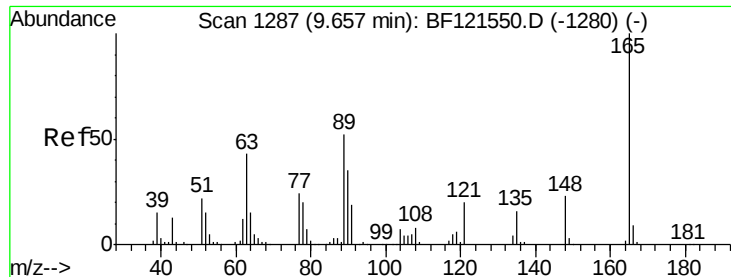


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

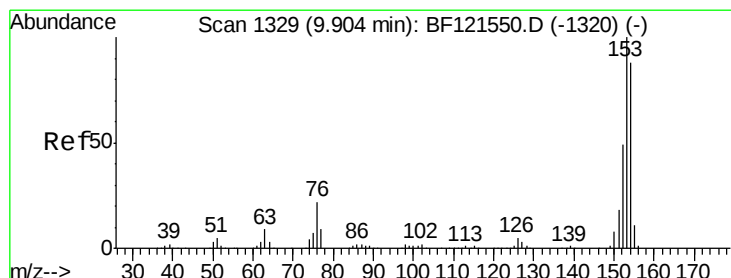
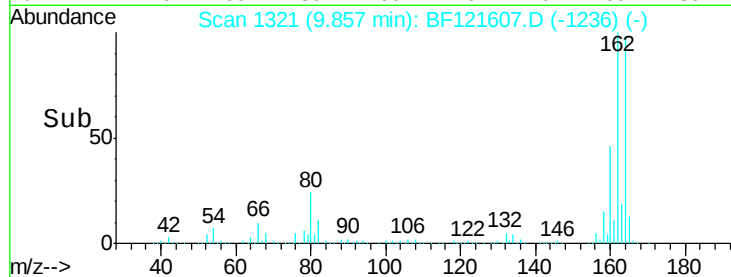
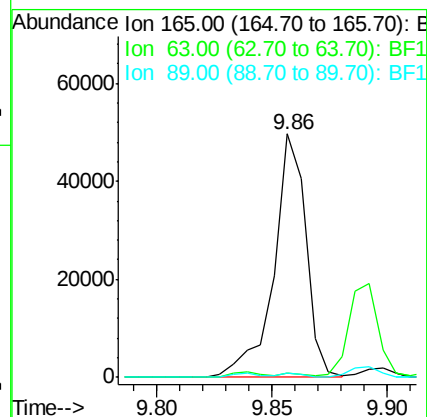
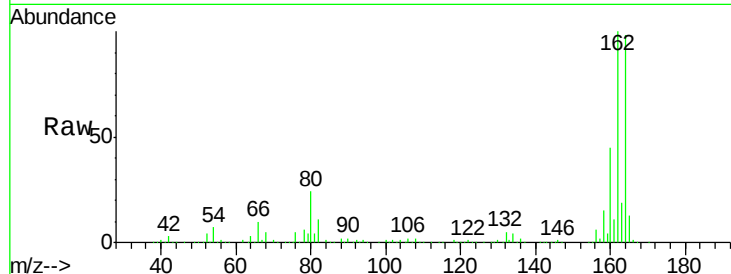




#51
 2,6-Dinitrotoluene
 Concen: 9.073 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF121607.D
 Acq: 17 Sep 2020 20:27

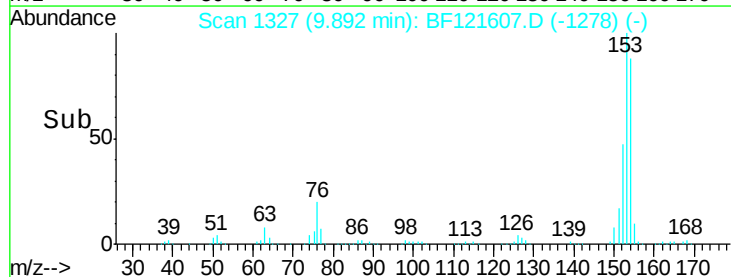
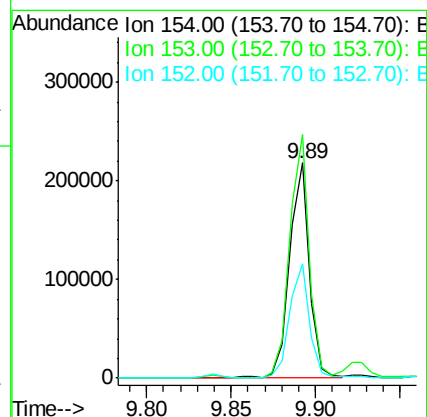
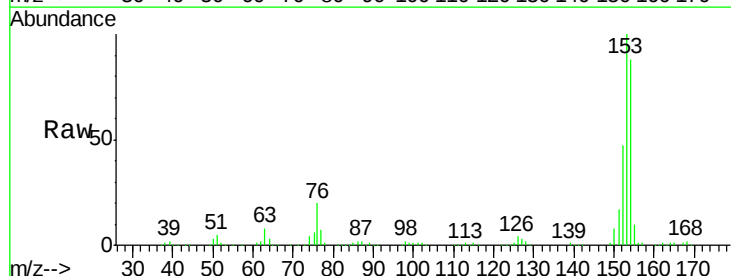
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B36-091620-10-15

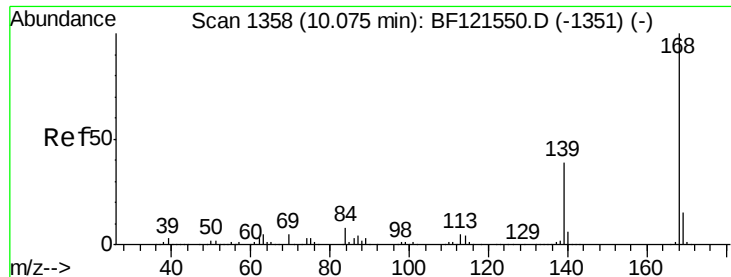
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.6	61.0#
89	1.5	41.8	62.8#



#52
 Acenaphthene
 Concen: 8.587 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF121607.D
 Acq: 17 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.0	136.4
152	53.0	44.2	66.2

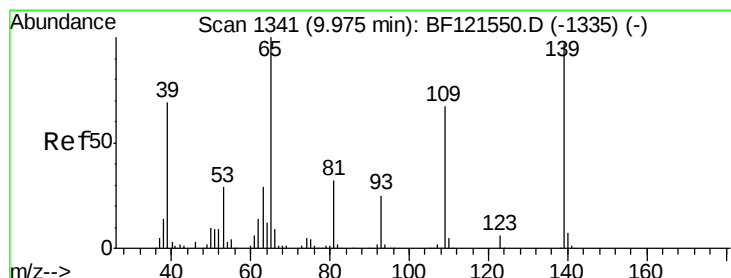
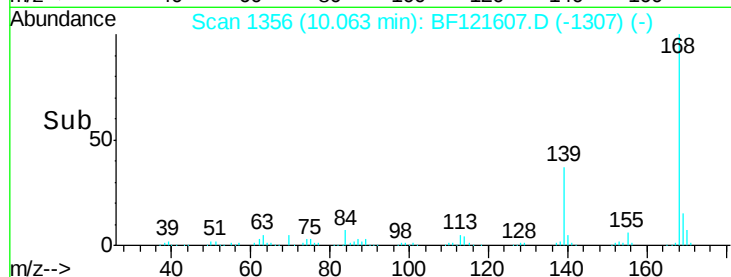
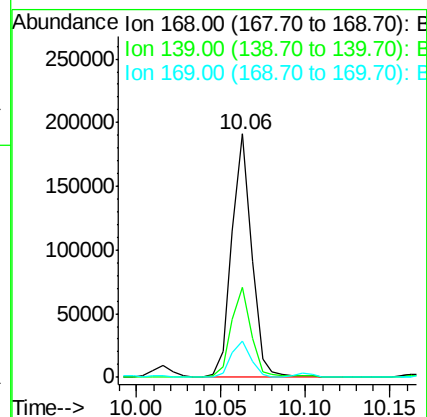
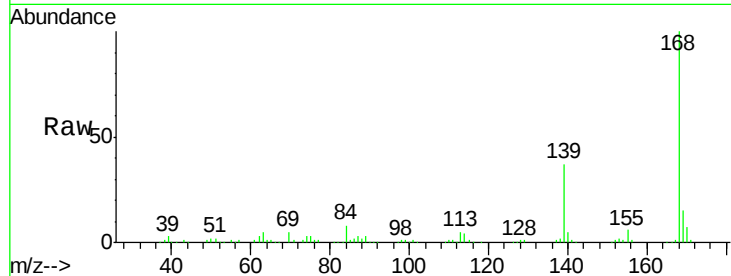




#55
Dibenzenofuran
Concen: 5.343 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

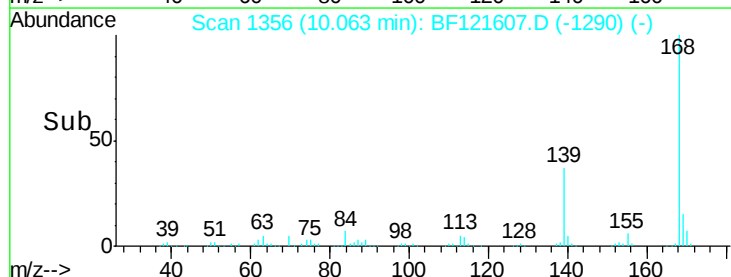
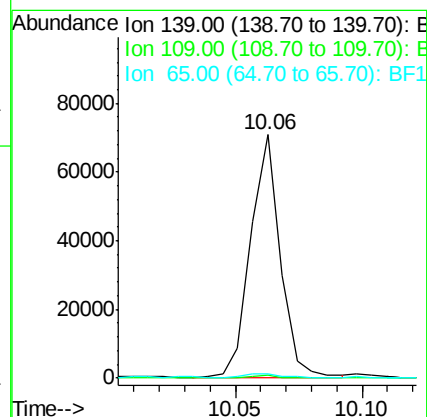
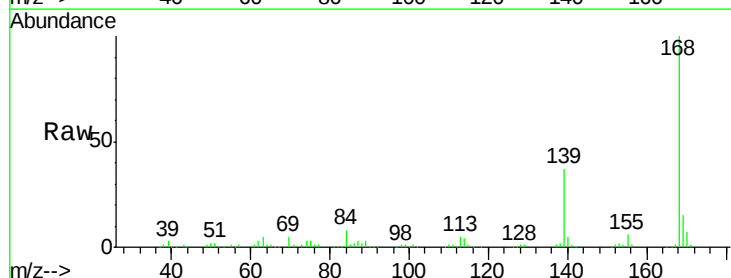
Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

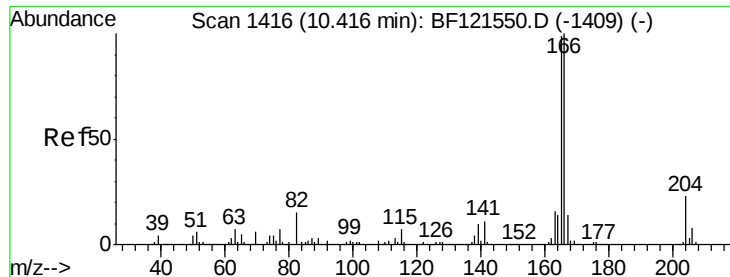
Tot Ion:168 Resp: 157275
Ion Ratio Lower Upper
168 100
139 37.1 31.4 47.0
169 14.8 11.9 17.9



#56
4-Nitrophenol
Concen: 11.994 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.09 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Tgt Ion:139 Resp: 58392
Ion Ratio Lower Upper
139 100
109 1.0 48.8 88.8#
65 1.6 83.6 123.6#





#58

Fluorene

Concen: 8.025 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

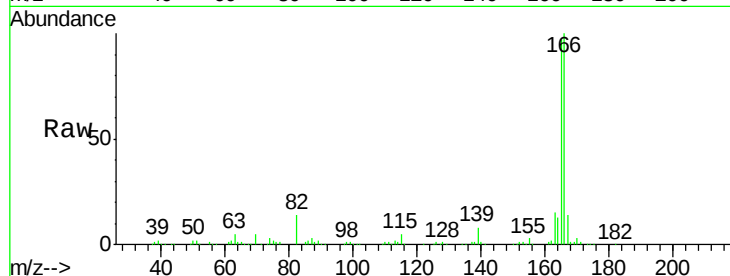
Tot Ion:166 Resp: 180644

Ion Ratio Lower Upper

166 100

165 97.3 79.0 118.4

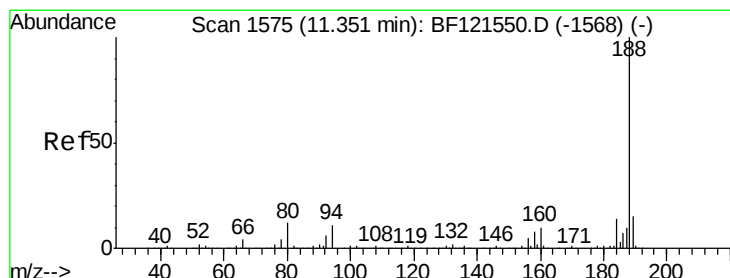
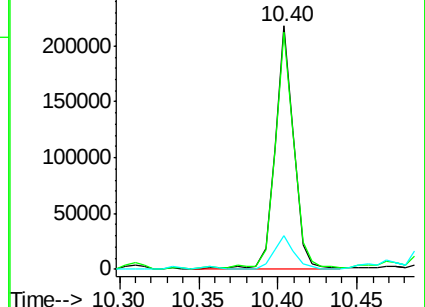
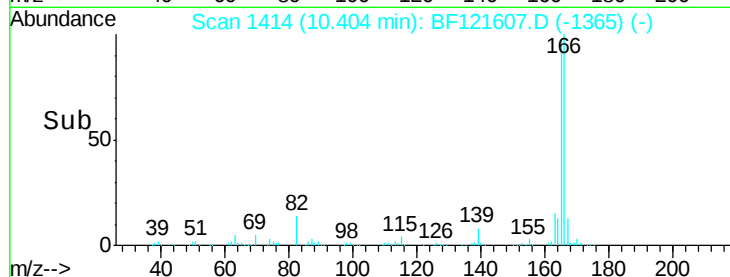
167 13.7 11.0 16.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

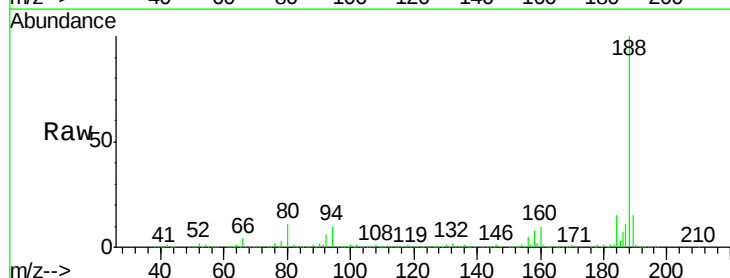
Tgt Ion:188 Resp: 534606

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

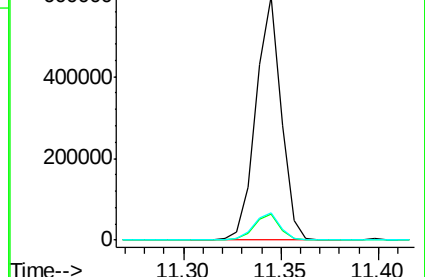
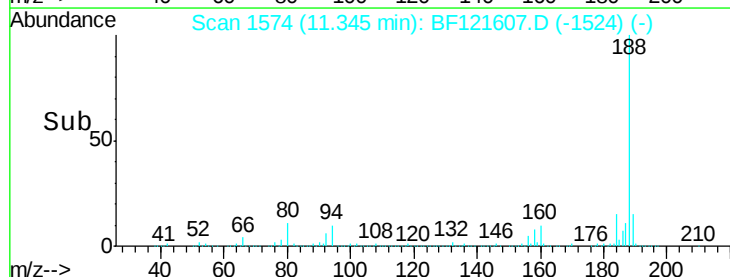
80 11.0 9.3 13.9

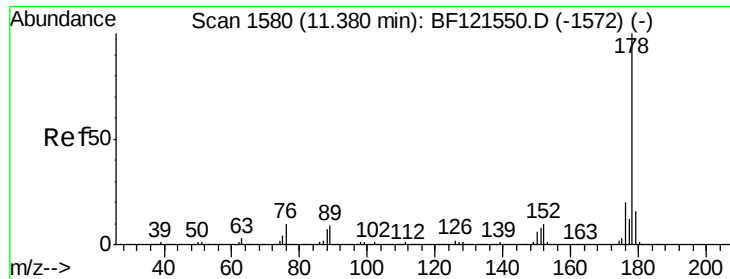


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

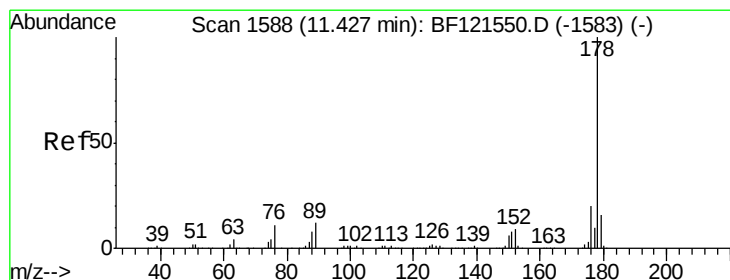
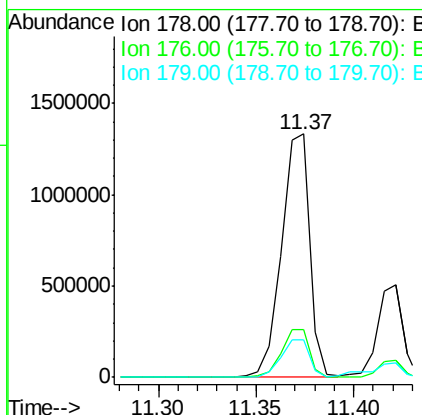
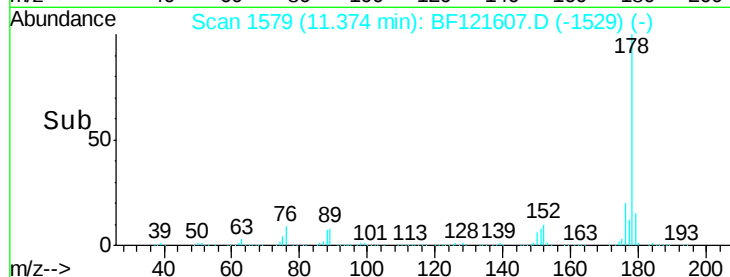
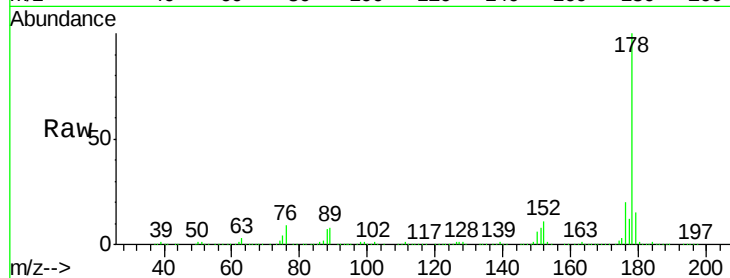




#71
Phenanthrene
Concen: 45.761 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

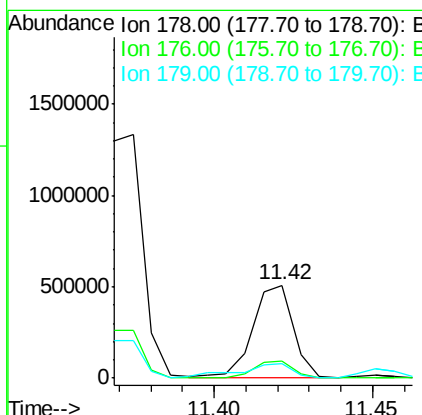
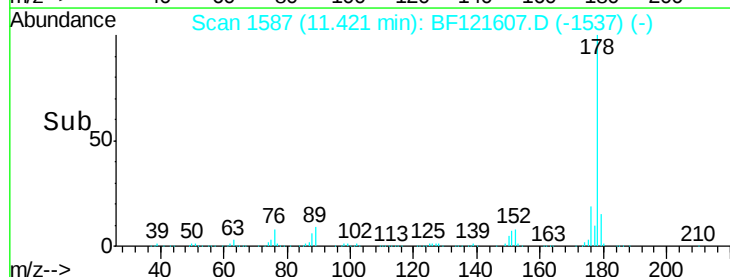
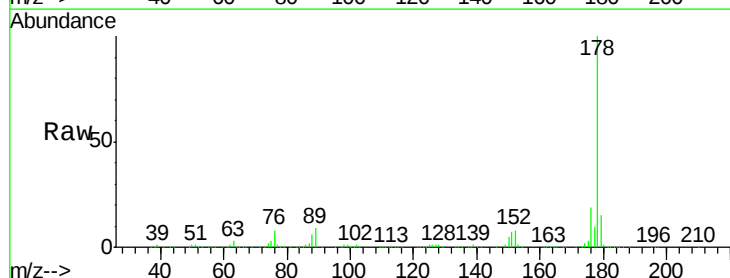
Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

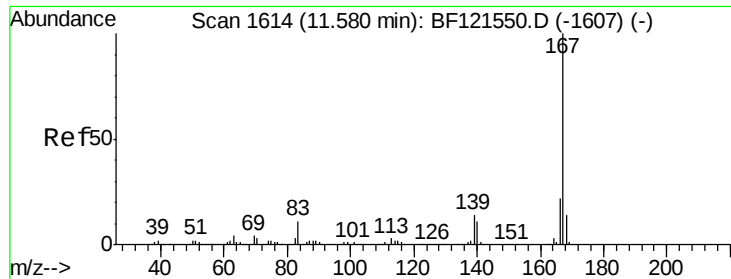
Tot Ion:178 Resp: 1332918
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.5 12.6 19.0



#72
Anthracene
Concen: 14.904 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Tgt Ion:178 Resp: 447982
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.3 12.8 19.2

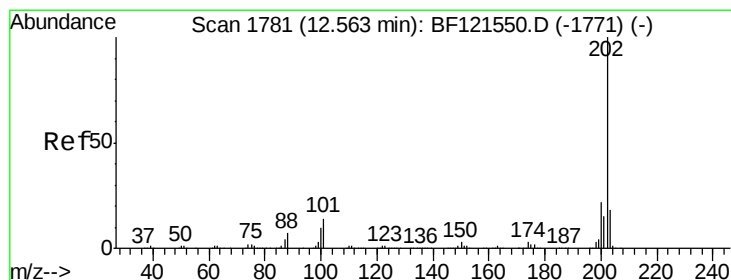
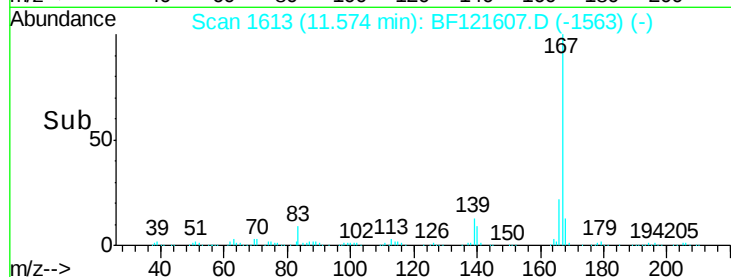
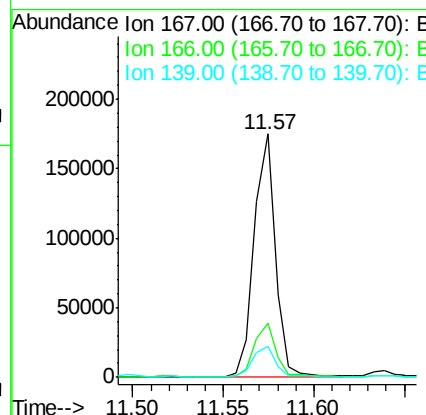
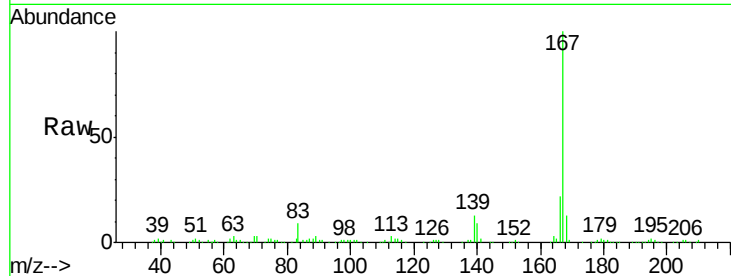




#73
 Carbazole
 Concen: 5.308 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF121607.D
 Acq: 17 Sep 2020 20:27

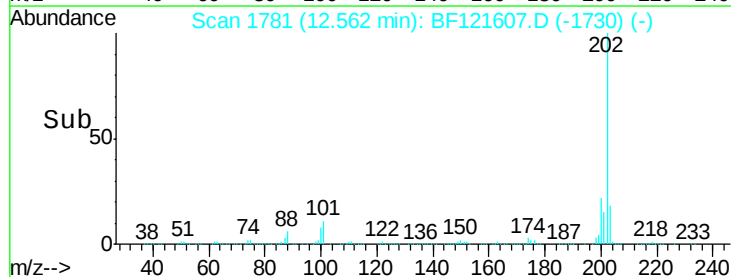
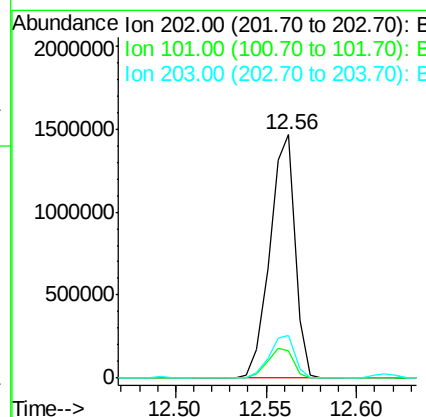
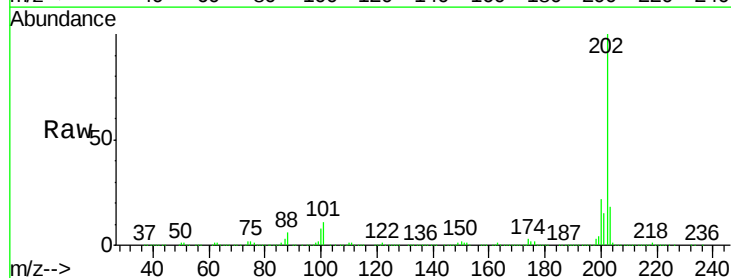
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B36-091620-10-15

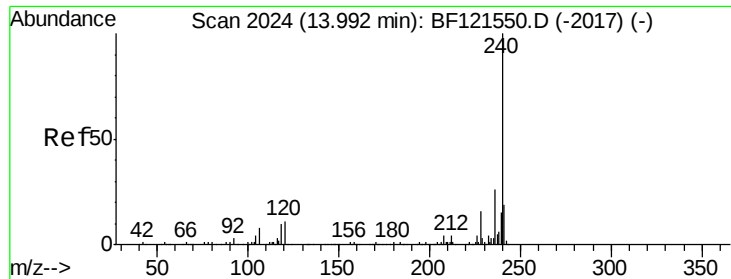
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	12.7	11.2	16.8



#75
 Fluoranthene
 Concen: 45.372 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF121607.D
 Acq: 17 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.0
203	17.7	0.0	38.2

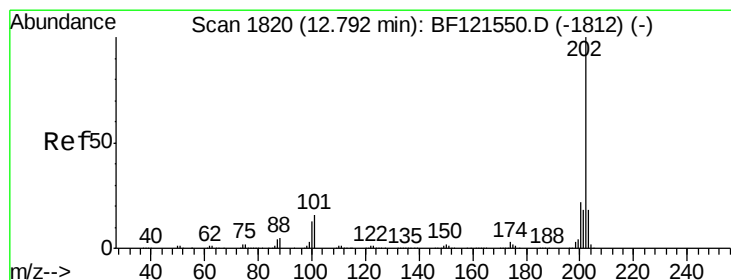
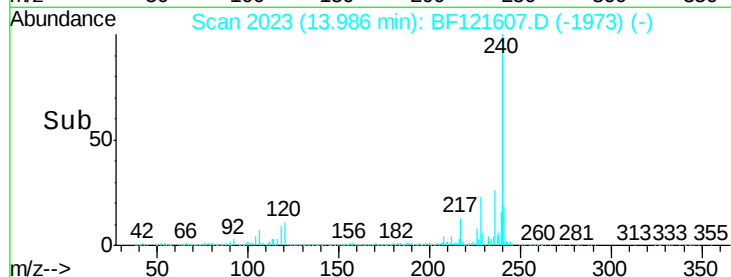
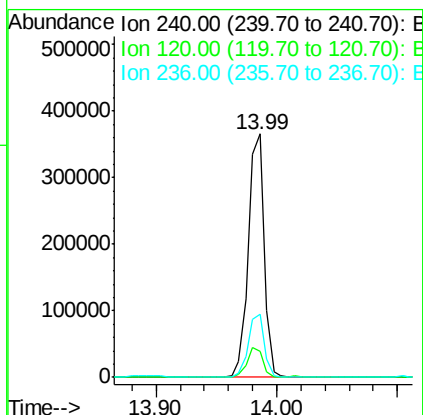
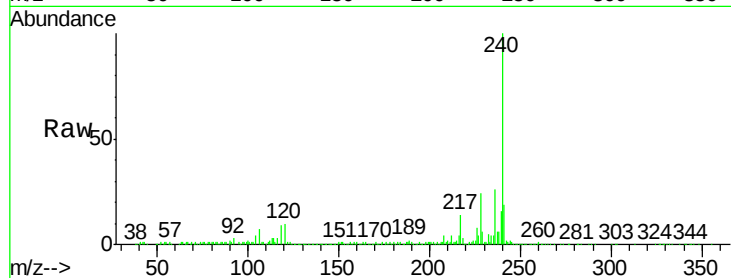




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

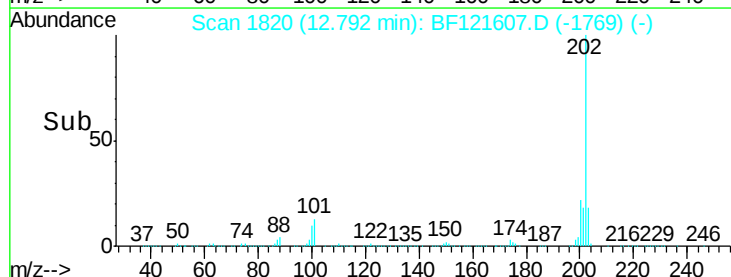
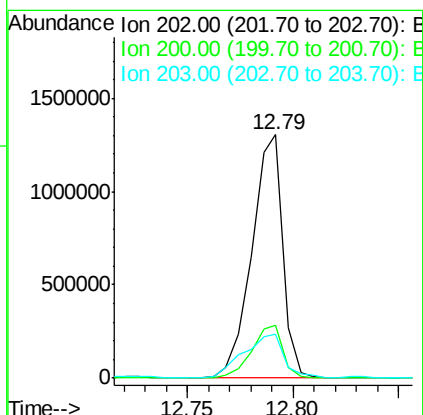
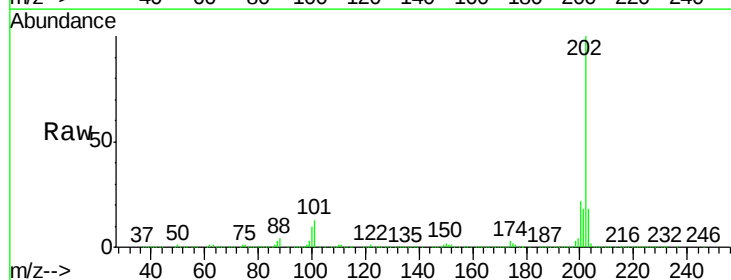
Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

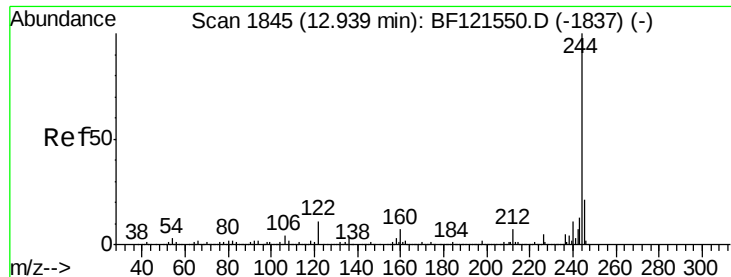
Tot Ion:240 Resp: 338223
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 26.0 20.5 30.7



#78
Pyrene
Concen: 53.768 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Tgt Ion:202 Resp: 1328693
Ion Ratio Lower Upper
202 100
200 21.9 17.8 26.8
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 15.905 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

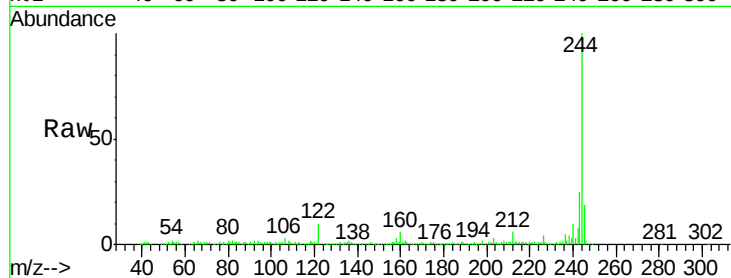
Tot Ion:244 Resp: 265540

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

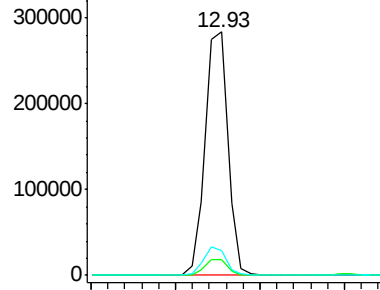
122 9.9 8.7 13.1



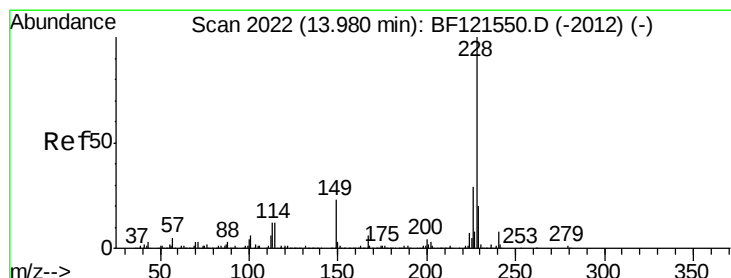
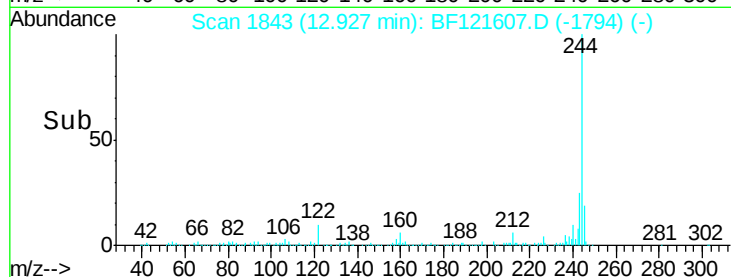
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.85 12.90 12.95 13.00



#81

Benzo(a)anthracene

Concen: 29.904 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

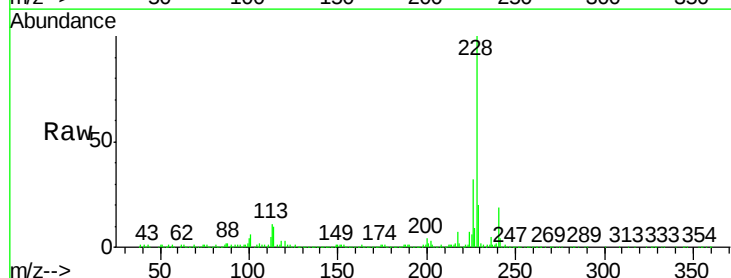
Tgt Ion:228 Resp: 639876

Ion Ratio Lower Upper

228 100

226 31.8 22.9 34.3

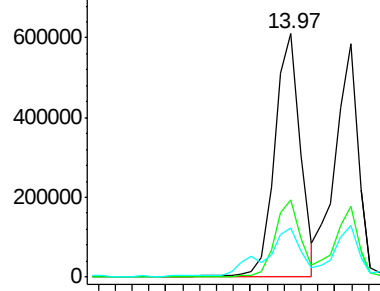
229 20.1 16.3 24.5



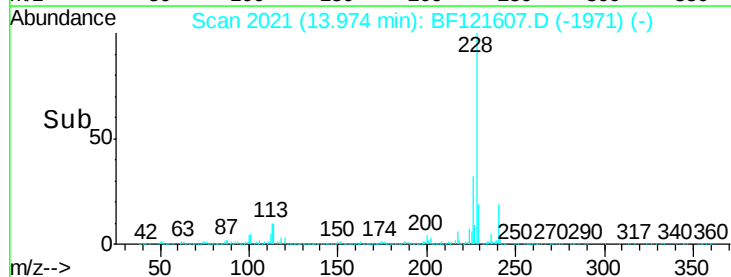
Abundance Ion 228.00 (227.70 to 228.70): E

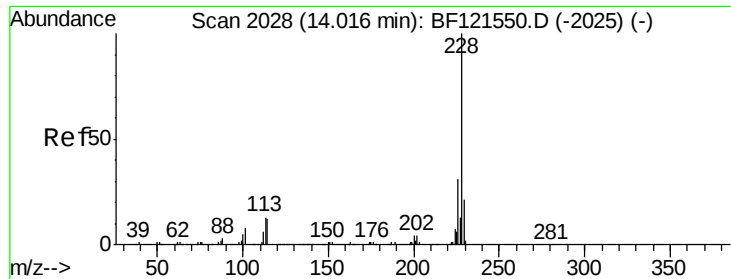
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 13.90 13.95 14.00





#83

Chrysene

Concen: 25.617 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

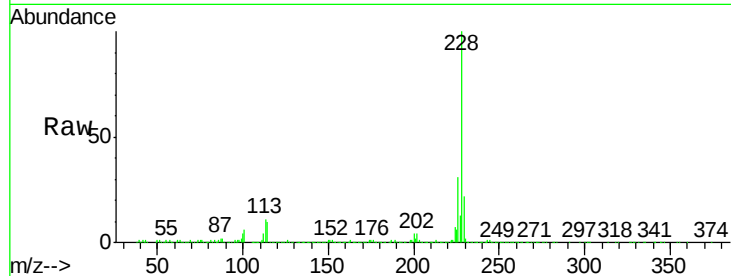
Tot Ion:228 Resp: 555072

Ion Ratio Lower Upper

228 100

226 30.5 25.1 37.7

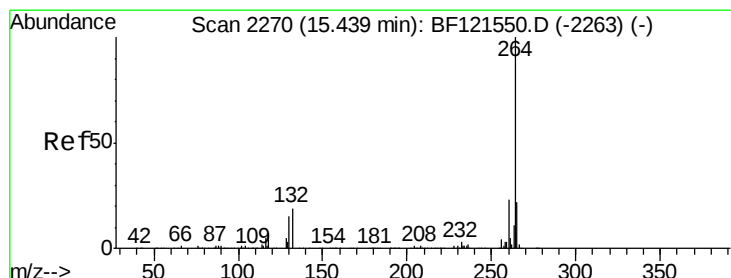
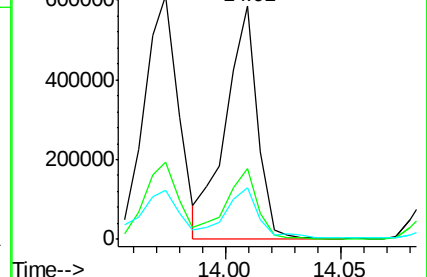
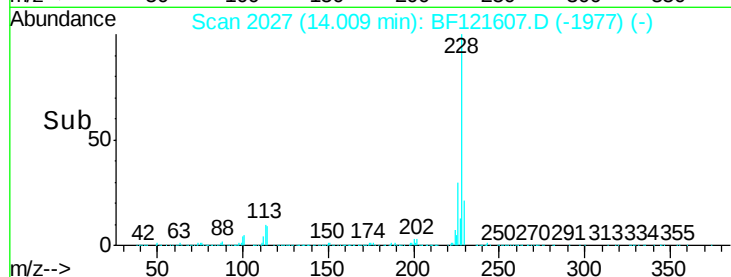
229 22.0 16.6 25.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF121607.D

Acq: 17 Sep 2020 20:27

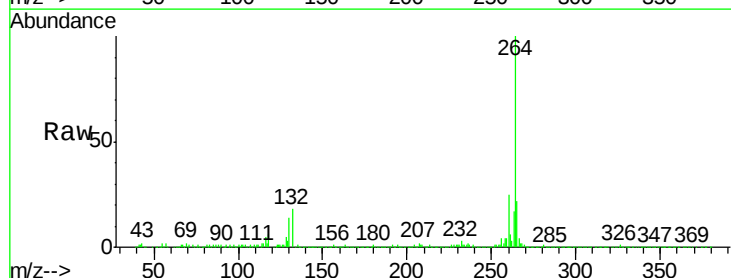
Tgt Ion:264 Resp: 375506

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

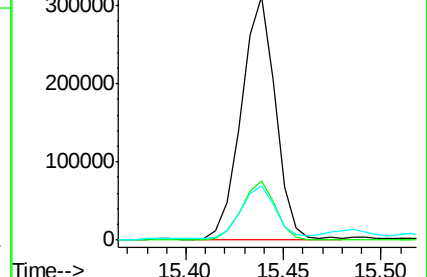
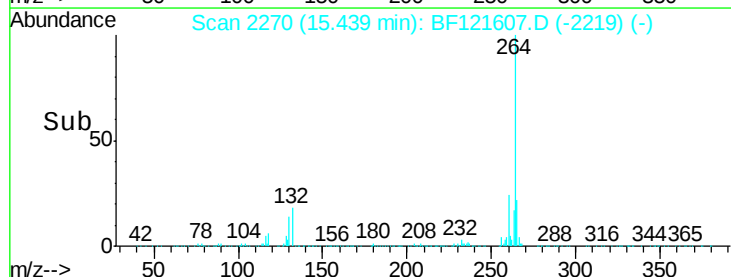
265 22.5 17.8 26.6

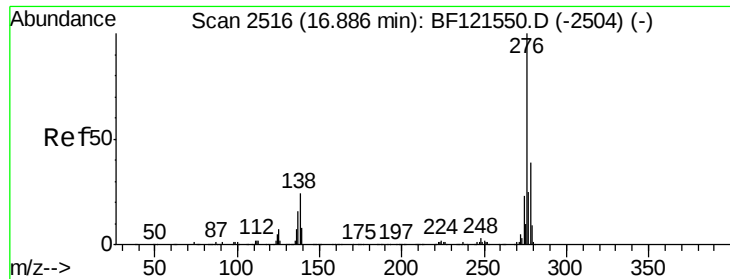


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

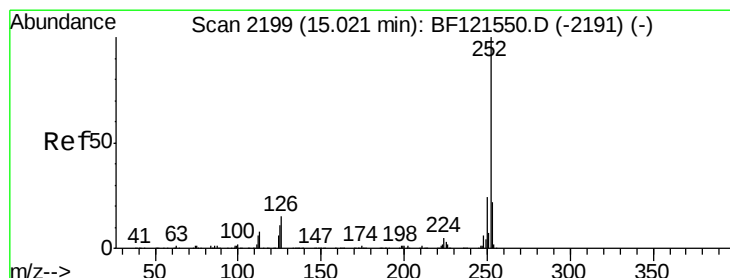
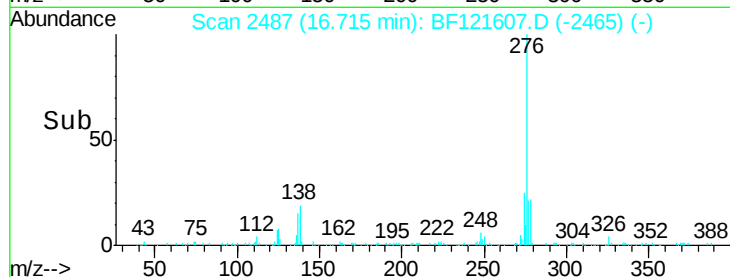
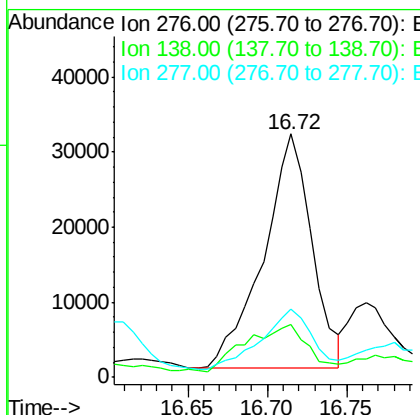
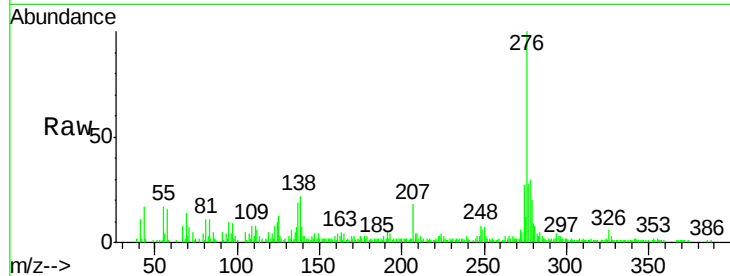




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.719 ng
 RT: 16.72 min Scan# 2487
 Delta R.T. -0.17 min
 Lab File: BF121607.D
 Acq: 17 Sep 2020 20:27

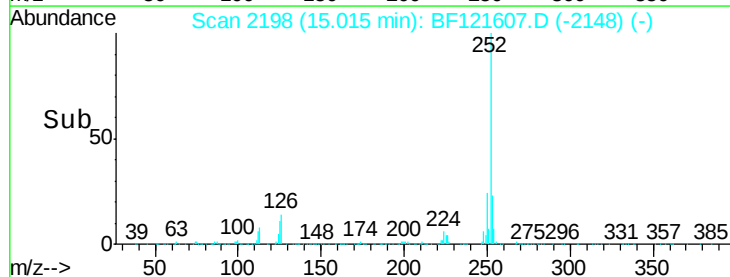
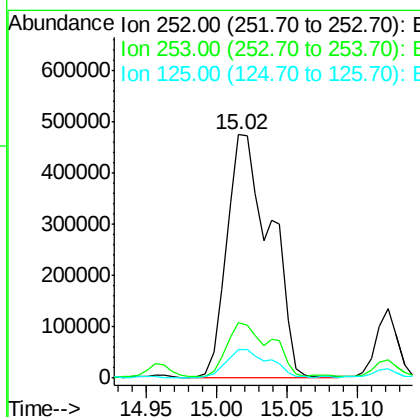
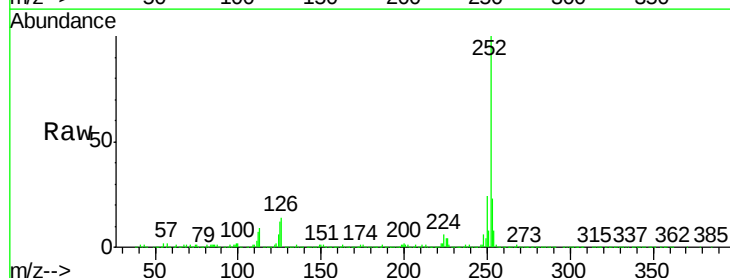
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B36-091620-10-15

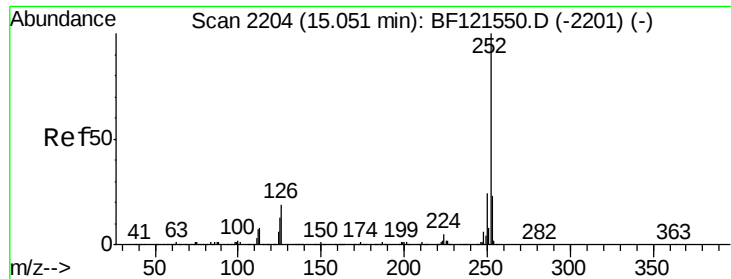
Tot	Ion:276	Resp:	66492
Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.6	31.0
277	26.9	20.2	30.4



#88
 Benzo(b)fluoranthene
 Concen: 40.375 ng
 RT: 15.02 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BF121607.D
 Acq: 17 Sep 2020 20:27

Tgt	Ion:252	Resp:	1013541
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	11.9	9.2	13.8

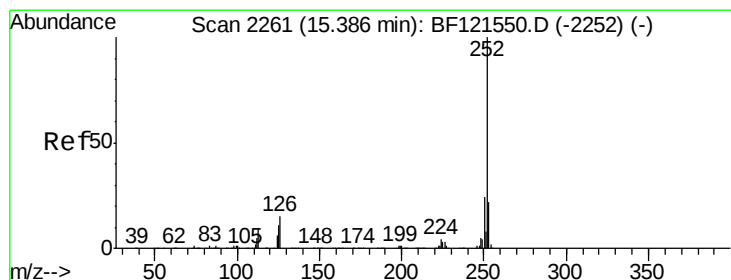
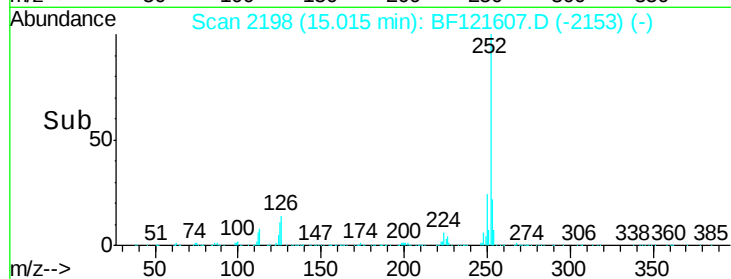
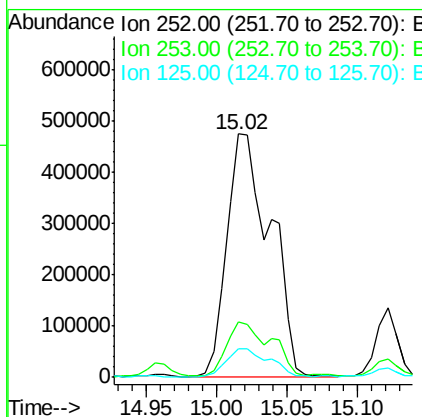
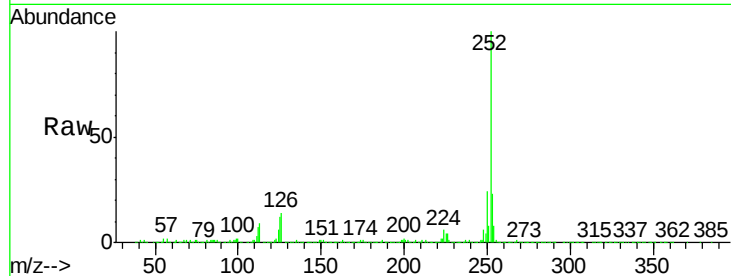




#89
Benzo(k)fluoranthene
Concen: 44.090 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

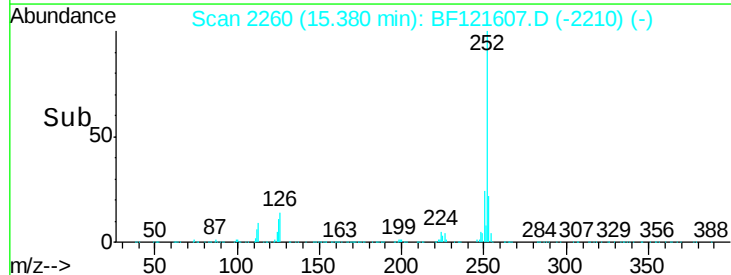
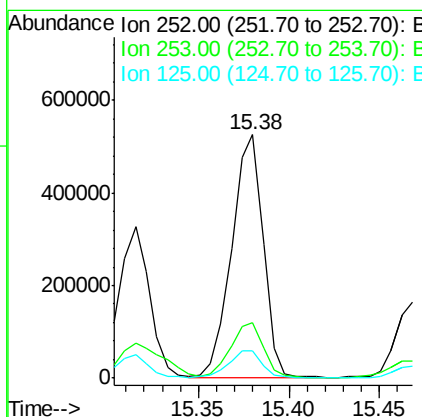
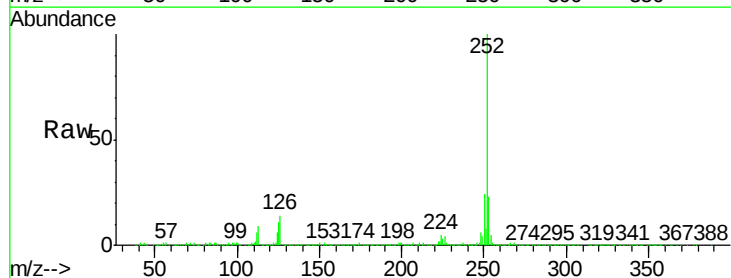
Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

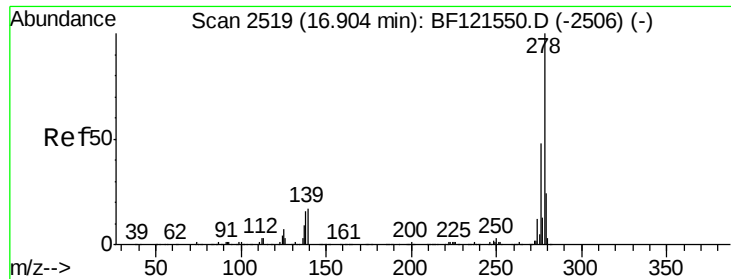
Tot Ion:252 Resp: 1013541
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.9 9.8 14.6



#90
Benzo(a)pyrene
Concen: 29.512 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Tgt Ion:252 Resp: 629744
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 11.2 9.0 13.4

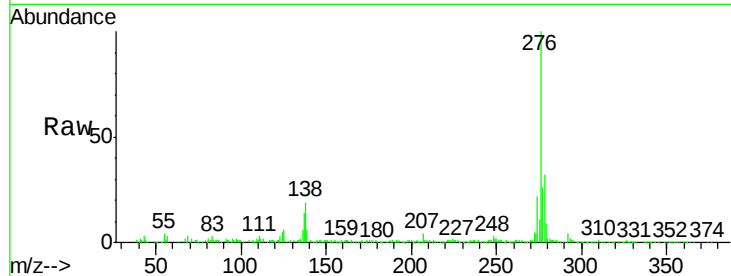




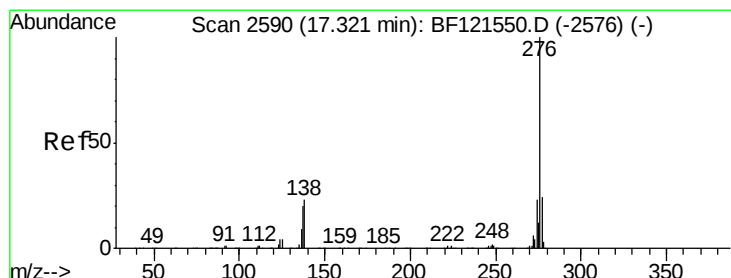
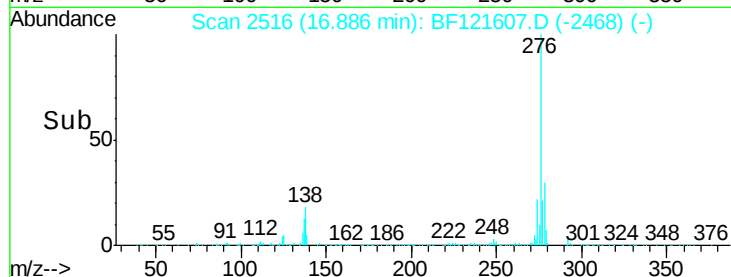
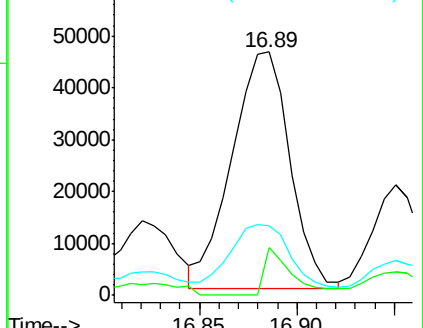
#91
Dibenzo(a,h)anthracene
Concen: 4.618 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tot Ion:278 Resp: 94015
Ion Ratio Lower Upper
278 100
139 19.5 13.9 20.9
279 28.7 19.2 28.8

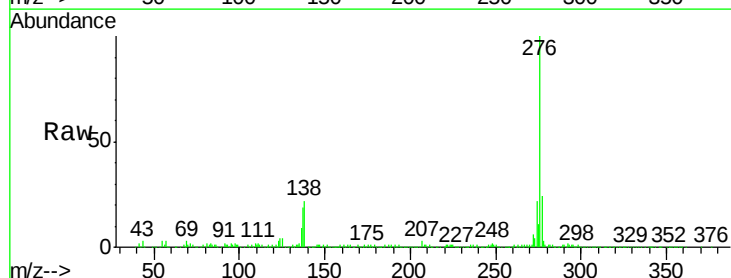


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 17.916 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121607.D
Acq: 17 Sep 2020 20:27

Tgt Ion:276 Resp: 358499
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 21.6 18.7 28.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

