

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001223.D
 Acq On : 05 Dec 2019 20:57
 Operator : JU
 Sample : K6145-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 06 06:07:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	79430	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	293533	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	167506	20.00	ng	0.00
64) Phenanthrene-d10	15.61	188	312067	20.00	ng	0.00
76) Chrysene-d12	19.27	240	233212	20.00	ng	0.01
87) Perylene-d12	21.05	264	276970	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	478657	99.98	ng	0.00
7) Phenol-d6	7.76	99	671407	105.27	ng	0.00
23) Nitrobenzene-d5	9.19	82	458972	67.84	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	166595	103.76	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	711022	62.13	ng	0.00
79) Terphenyl-d14	17.89	244	748996	59.42	ng	0.00

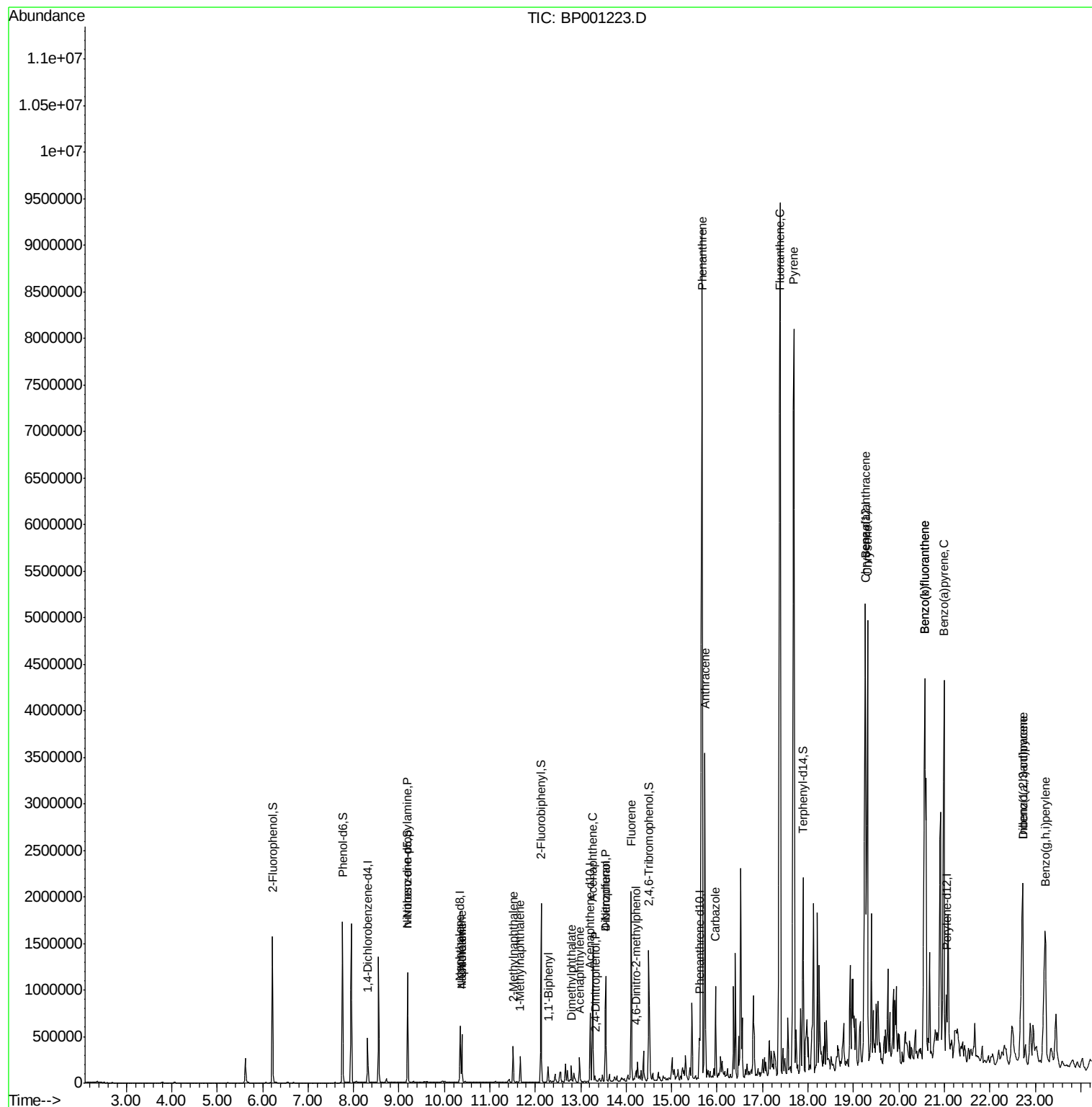
Target Compounds				Qvalue		
9) Benzaldehyde	7.62	77	225	Below Cal		95
19) n-Nitroso-di-n-propylamine	9.19	70	65141	14.154 ng	#	77
31) Naphthalene	10.38	128	263934	17.606 ng		99
33) 4-Chloroaniline	10.38	127	34912	5.366 ng	#	30
37) 2-Methylnaphthalene	11.51	142	115588	11.299 ng		99
38) 1-Methylnaphthalene	11.67	142	83365	8.627 ng		98
46) 1,1'-Biphenyl	12.28	154	59722	4.613 ng		99
49) Acenaphthylene	12.98	152	133228	8.595 ng		99
50) Dimethylphthalate	12.79	163	75643	6.038 ng		100
52) Acenaphthene	13.26	154	390547	41.887 ng		100
54) 2,4-Dinitrophenol	13.32	184	13	7.120 ng	#	1
55) Dibenzofuran	13.55	168	497517	35.510 ng		99
56) 4-Nitrophenol	13.55	139	214672	100.563 ng	#	1
58) Fluorene	14.11	166	718299	63.981 ng		98
65) 4,6-Dinitro-2-methylphenol	14.22	198	62	6.317 ng	#	1
71) Phenanthrene	15.67	178	6121412	373.111 ng		99
72) Anthracene	15.73	178	1591440	98.414 ng		99
73) Carbazole	15.97	167	449766	30.566 ng		99
75) Fluoranthene	17.39	202	7347653	423.039 ng		95
78) Pvrene	17.69	202	6081331	331.077 ng		98
81) Benzo(a)anthracene	19.26	228	3057112	189.067 ng		97
83) Chrysene	19.31	228	2494582	172.287 ng		96
86) Indeno(1,2,3-cd)pyrene	22.72	276	1776582	104.112 ng		95
88) Benzo(b)fluoranthene	20.57	252	4587017	271.144 ng	#	96
89) Benzo(k)fluoranthene	20.57	252	4582777	281.258 ng	#	96
90) Benzo(a)pyrene	20.99	252	2594010	166.470 ng		97
91) Dibenzo(a,h)anthracene	22.73	278	406121	26.632 ng		96
92) Benzo(g,h,i)perylene	23.22	276	1771894	117.673 ng		99

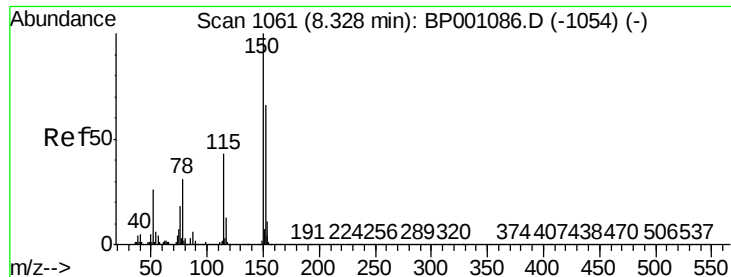
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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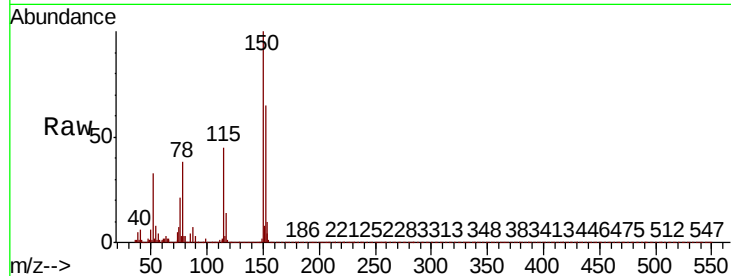




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BP001223.D
 Acq: 05 Dec 2019 20:57

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	152	Resp	79430
Ion Ratio	Lower	Upper	
152	100		
150	153.7	127.3	190.9
115	68.8	56.0	84.0

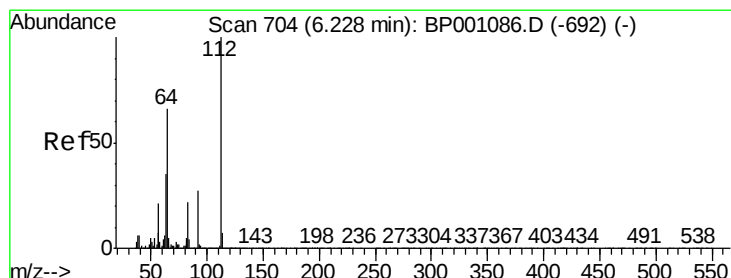
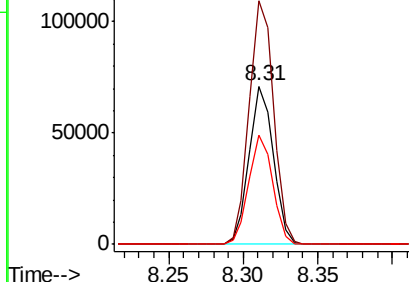
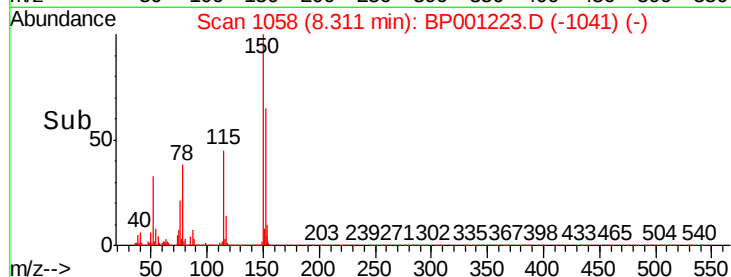


Abundance

Ion 152.00 (151.70 to 152.70): E

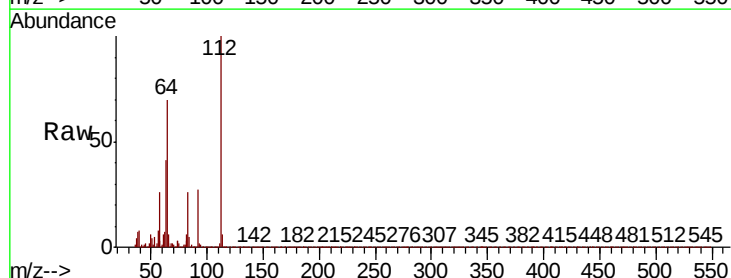
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 99.979 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BP001223.D
 Acq: 05 Dec 2019 20:57

Tgt Ion	112	Resp	478657
Ion Ratio	Lower	Upper	
112	100		
64	70.0	56.8	85.2
63	40.7	32.2	48.2

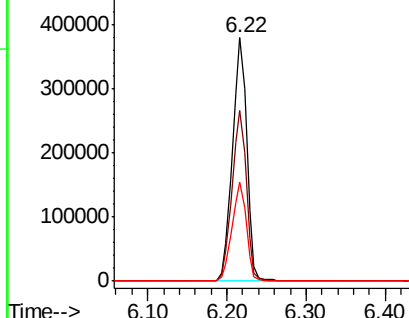
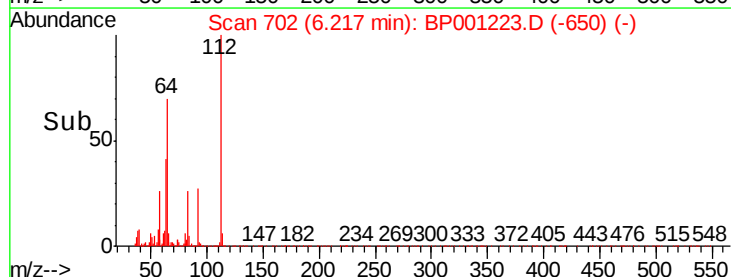


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 105.265 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

Instrument :

BNA_P

ClientSampleId :

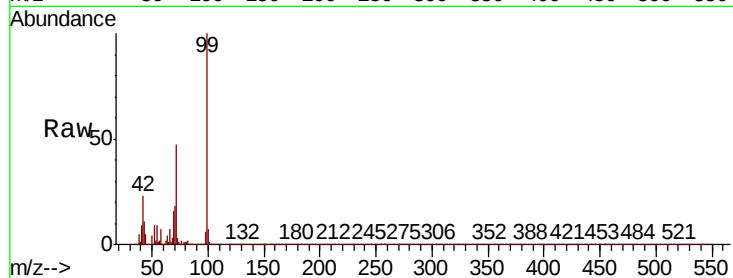
Tot Ion: 99 Resp: 671407

Ion Ratio Lower Upper

99 100

42 23.0 17.6 26.4

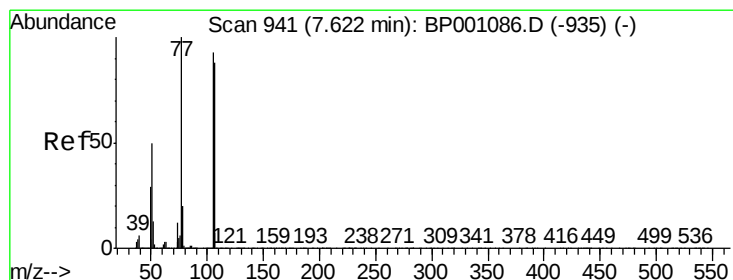
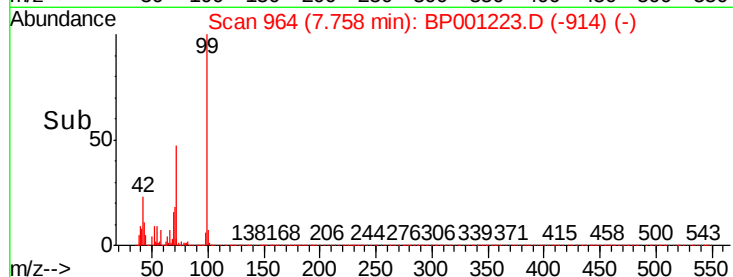
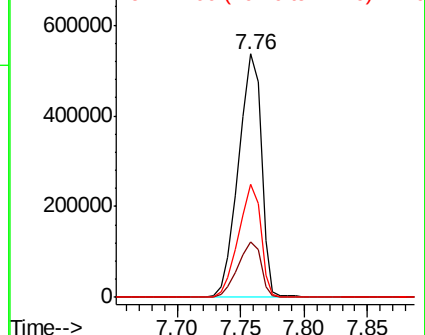
71 46.7 33.8 50.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

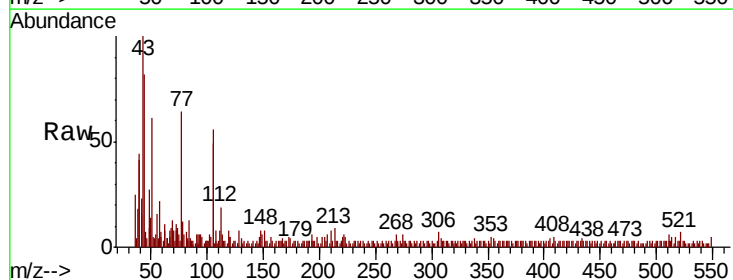
Tgt Ion: 77 Resp: 225

Ion Ratio Lower Upper

77 100

105 86.9 69.7 109.7

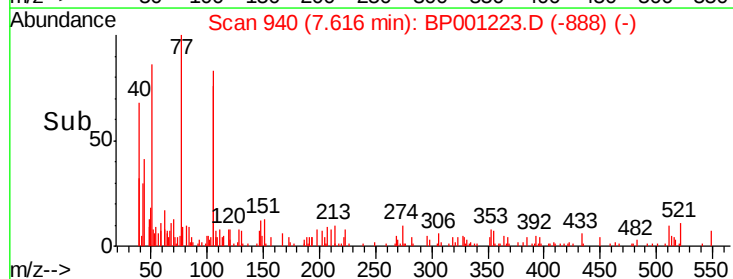
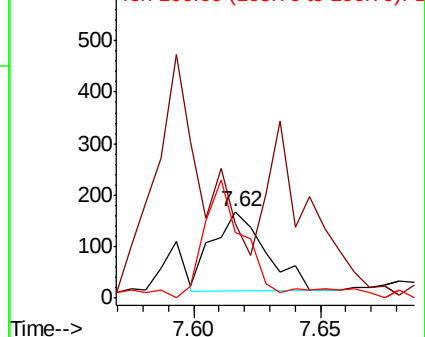
106 79.8 67.1 107.1

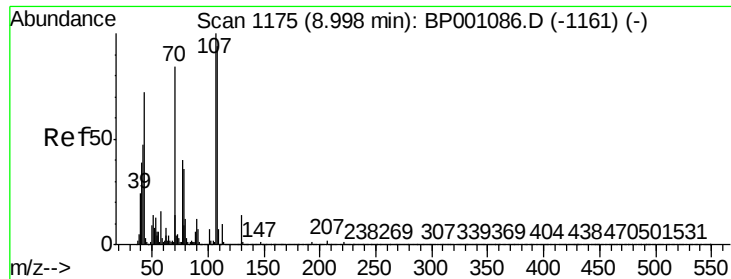


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

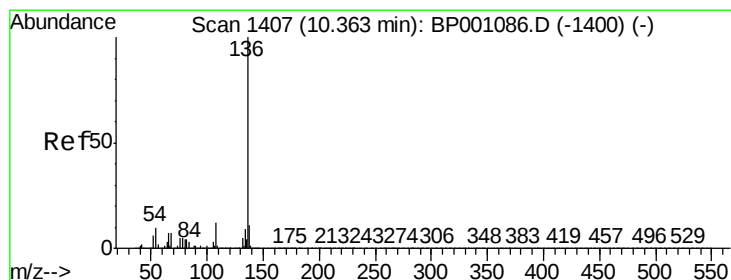
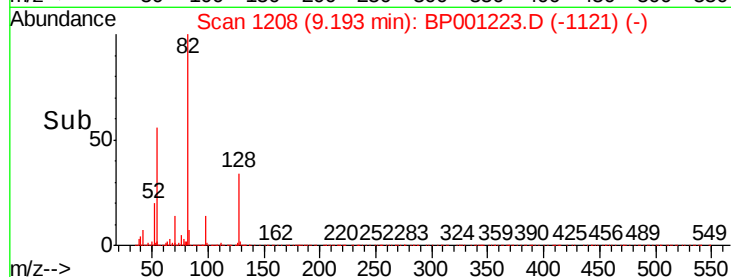
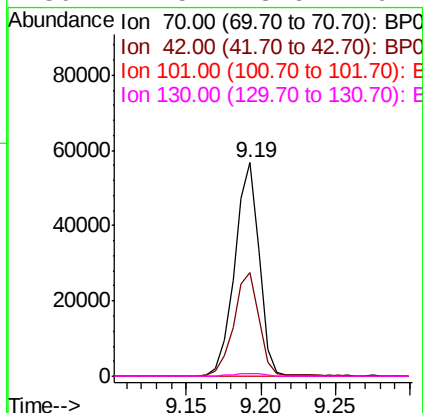
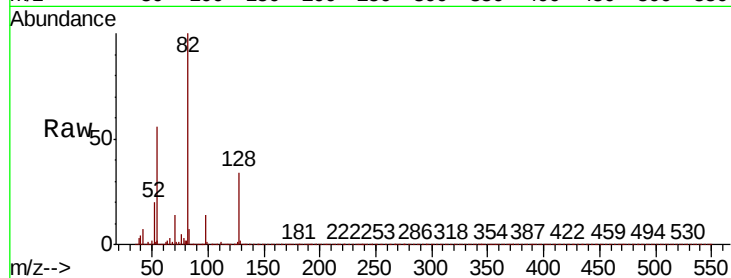




#19
n-Nitroso-di-n-propylamine
Concen: 14.154 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

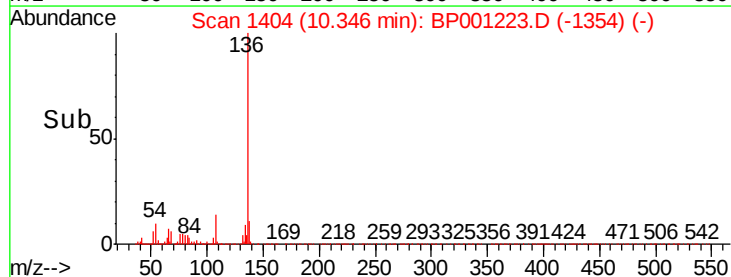
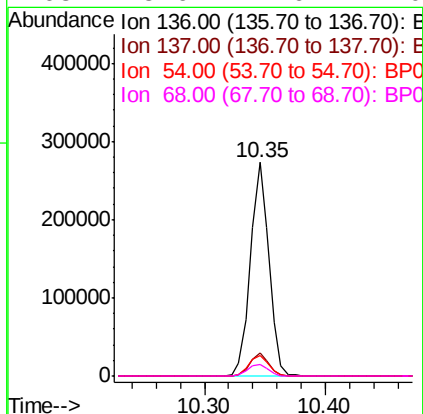
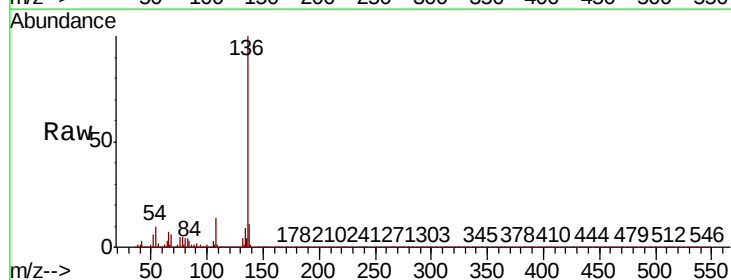
Instrument :
BNA_P
ClientSampleId :

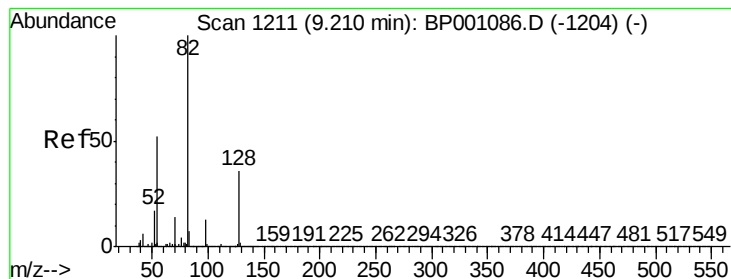
Tot Ion: 70 Resp: 65141
Ion Ratio Lower Upper
70 100
42 48.7 50.6 76.0#
101 0.0 7.1 10.7#
130 1.5 13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Tgt Ion:136 Resp: 293533
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 9.7 7.4 11.0
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 67.839 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

Instrument :

BNA_P

ClientSampleId :

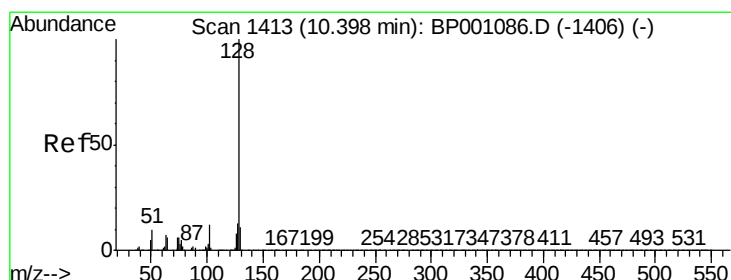
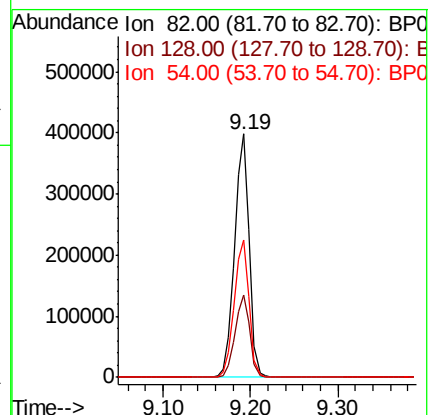
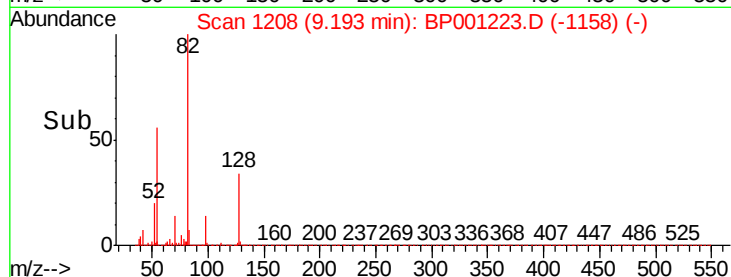
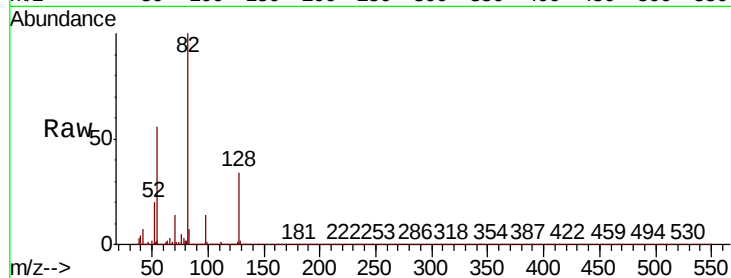
Tot Ion: 82 Resp: 458972

Ion Ratio Lower Upper

82 100

128 34.0 27.5 41.3

54 56.2 45.7 68.5



#31

Naphthalene

Concen: 17.606 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

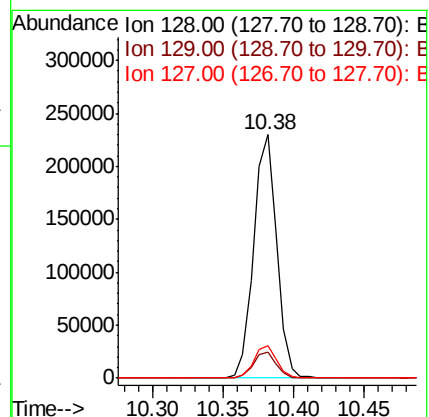
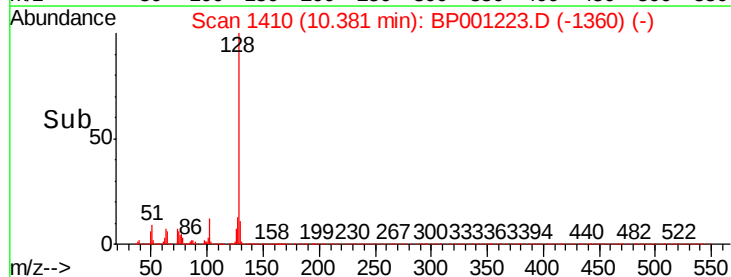
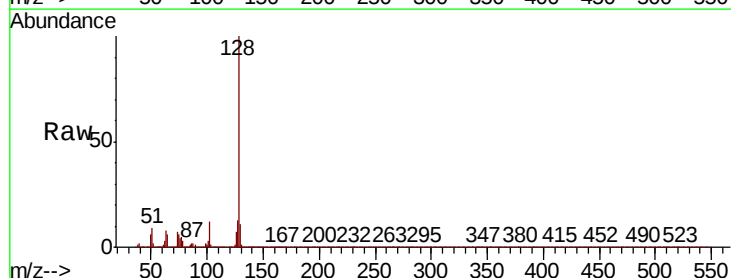
Tgt Ion: 128 Resp: 263934

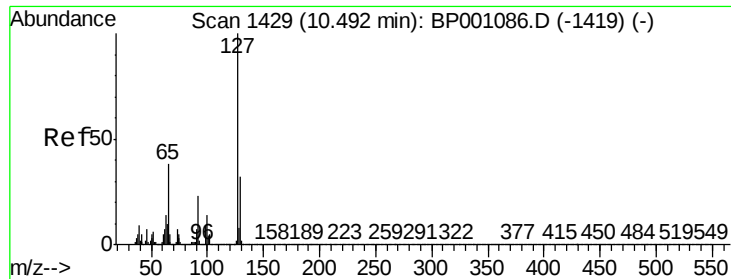
Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

127 13.2 10.6 16.0

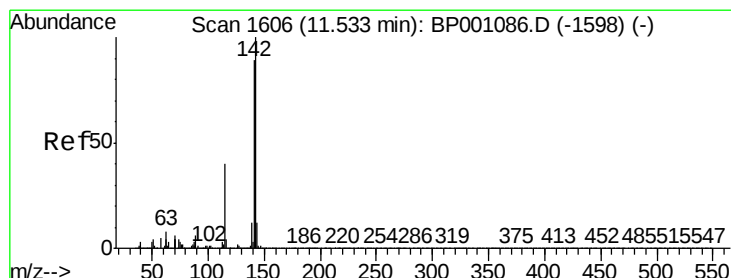
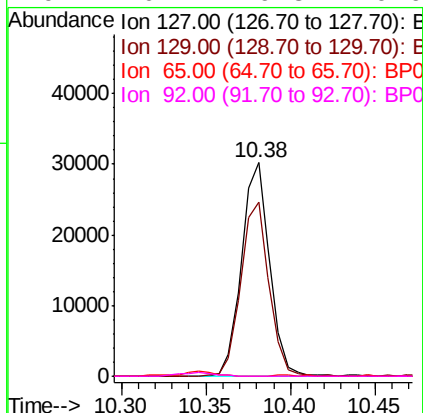
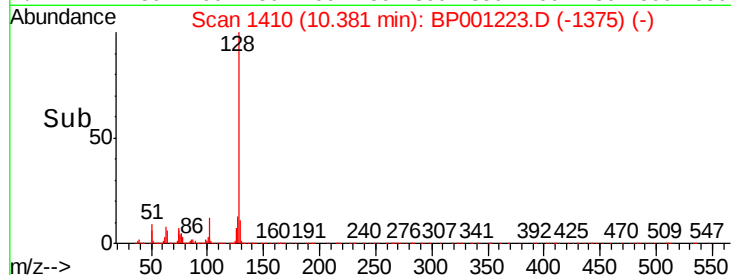
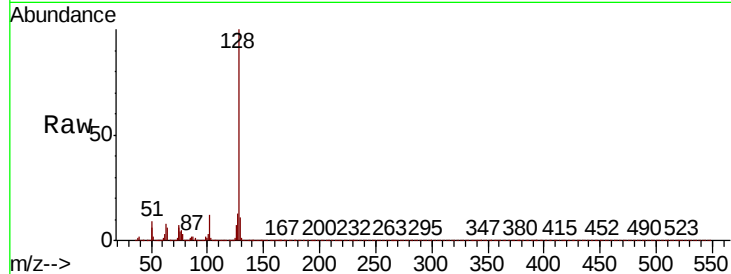




#33
4-Chloroaniline
Concen: 5.366 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.09 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

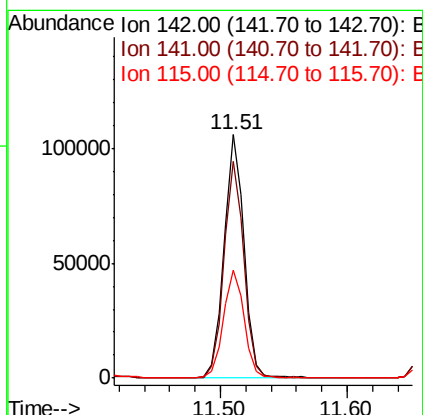
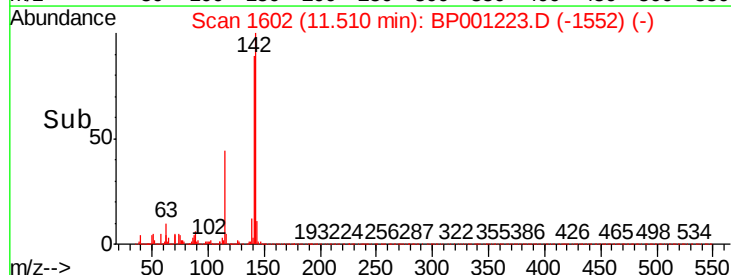
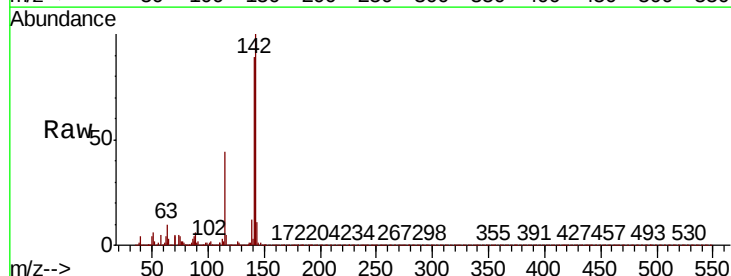
Instrument :
BNA_P
ClientSampleId :

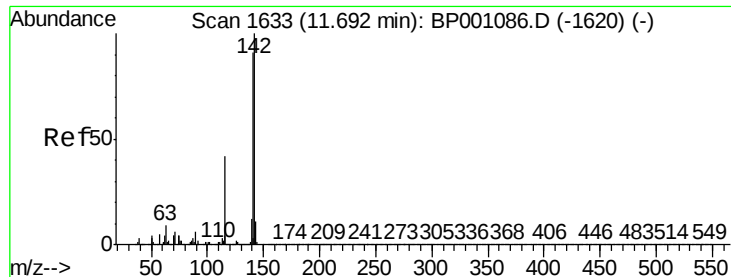
Tot Ion	Ratio	Lower	Upper
127	100		
129	81.8	25.6	38.4#
65	0.0	33.6	50.4#
92	0.1	19.8	29.6#



#37
2-Methylnaphthalene
Concen: 11.299 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4
115	44.4	36.0	54.0

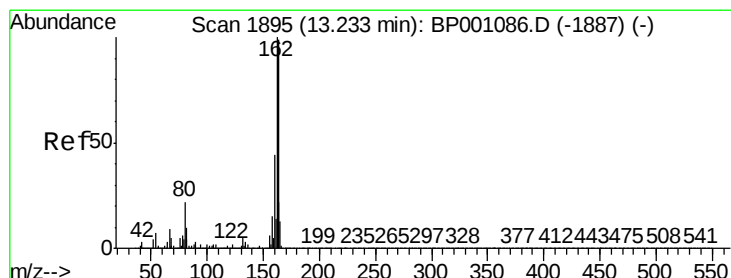
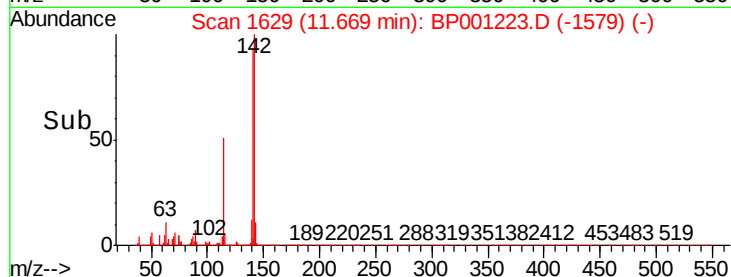
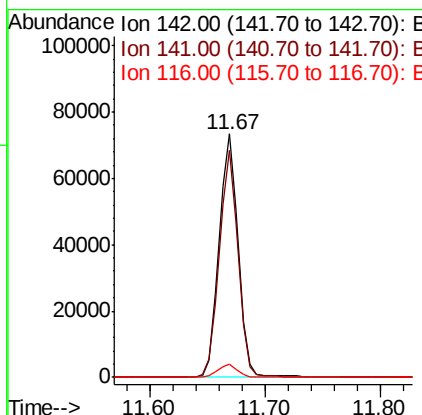
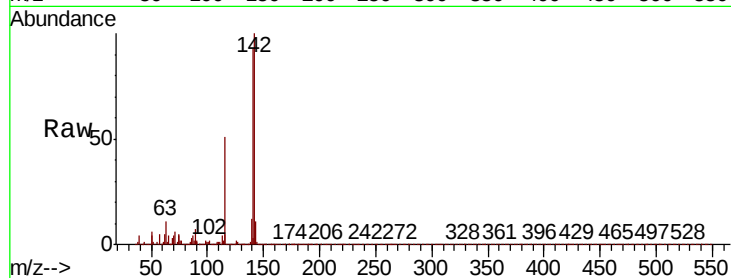




#38
1-Methylnaphthalene
Concen: 8.627 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

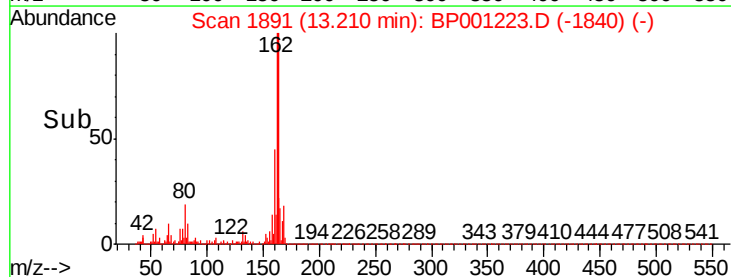
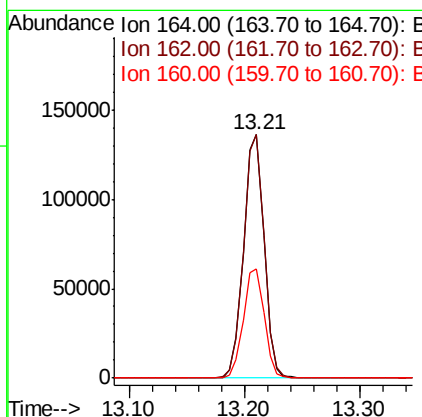
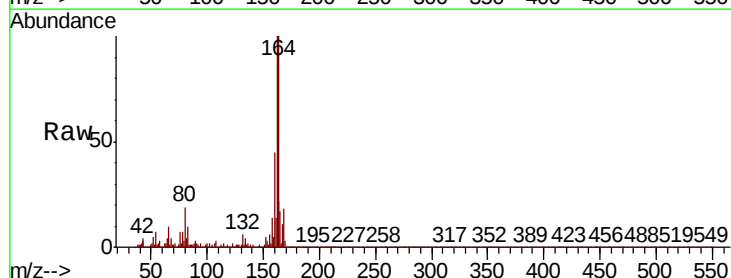
Instrument :
BNA_P
ClientSampleId :

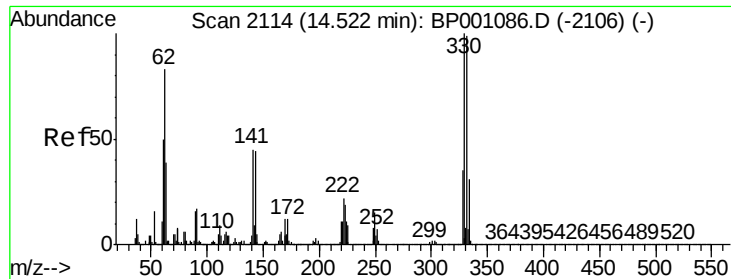
Tot Ion:142 Resp: 83365
Ion Ratio Lower Upper
142 100
141 93.0 72.7 109.1
116 5.4 3.8 5.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Tgt Ion:164 Resp: 167506
Ion Ratio Lower Upper
164 100
162 99.9 80.7 121.1
160 45.0 36.3 54.5

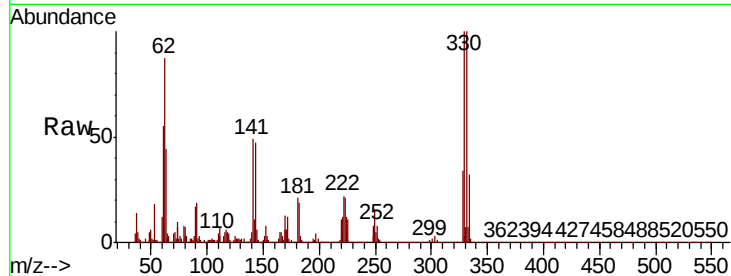




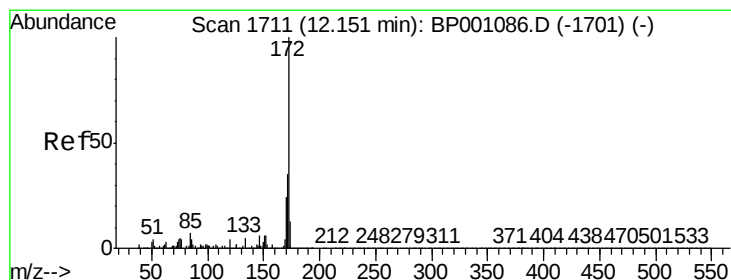
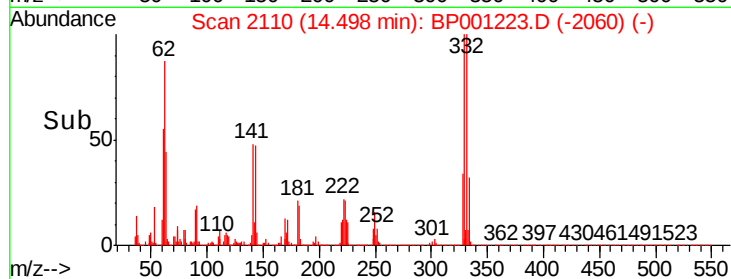
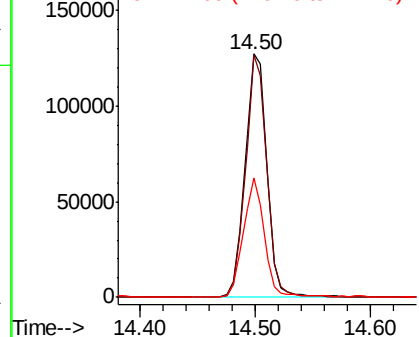
#42
2,4,6-Tribromophenol
Concen: 103.762 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.1	118.7
141	46.7	35.9	53.9

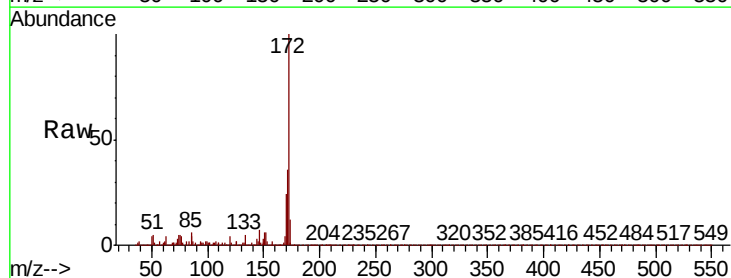


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

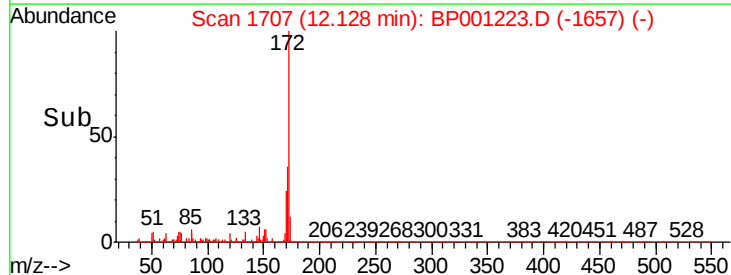
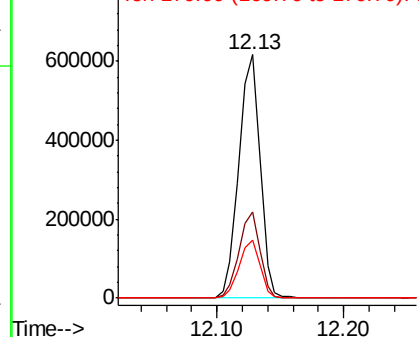


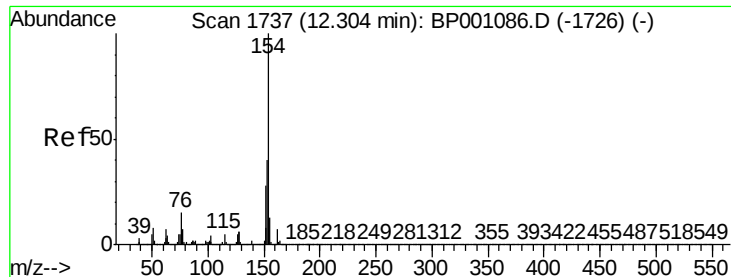
#45
2-Fluorobiphenyl
Concen: 62.125 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.8	19.2	28.8



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

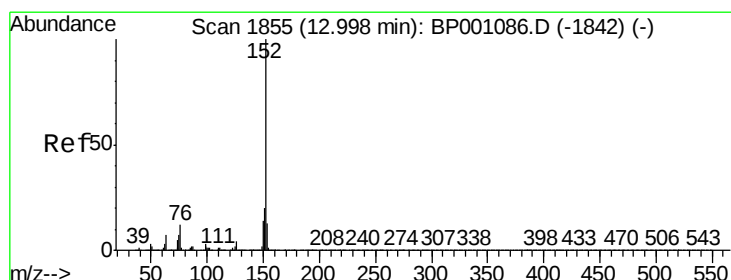
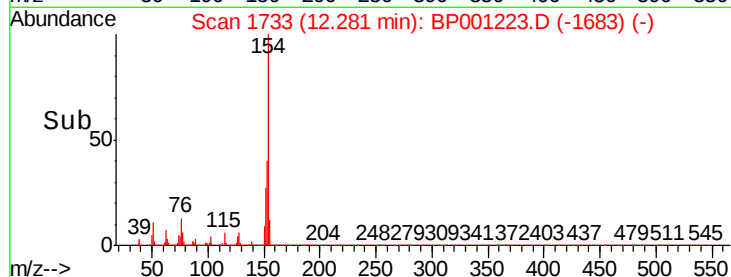
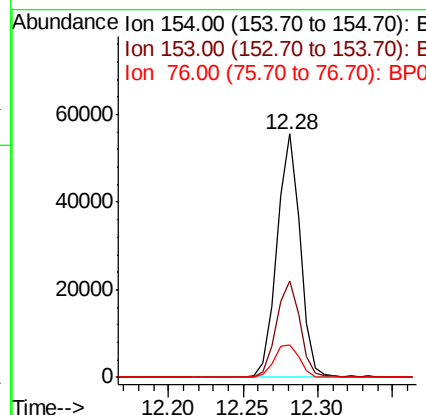
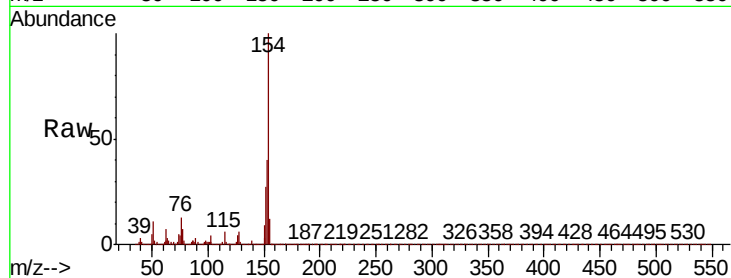




#46
 1,1'-Biphenyl
 Concen: 4.613 ng
 RT: 12.28 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BP001223.D
 Acq: 05 Dec 2019 20:57

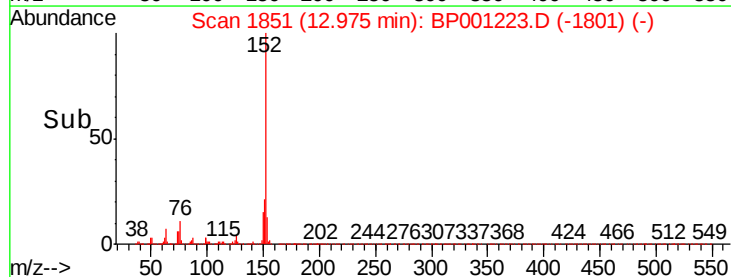
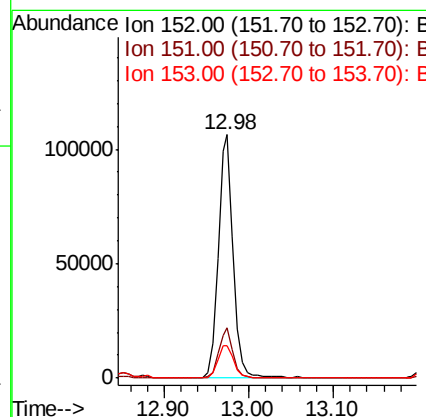
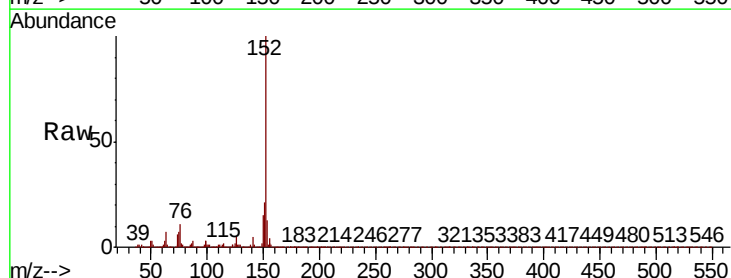
Instrument :
 BNA_P
 ClientSampleId :

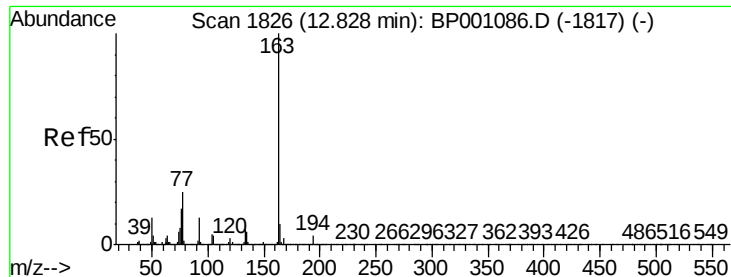
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.3	59.3
76	13.3	0.0	34.2



#49
 Acenaphthylene
 Concen: 8.595 ng
 RT: 12.98 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BP001223.D
 Acq: 05 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.0	24.0
153	13.3	10.3	15.5

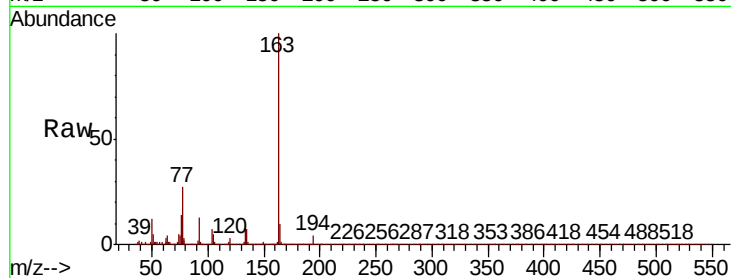




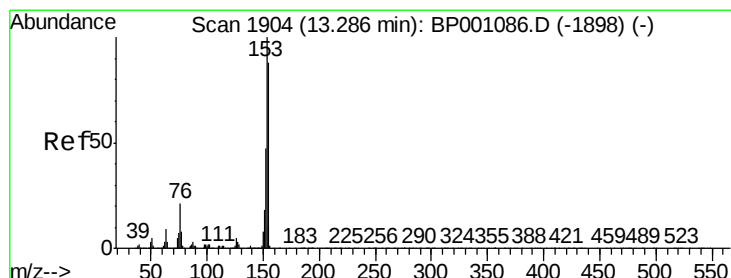
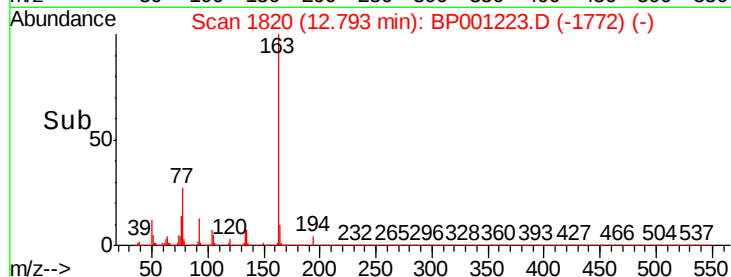
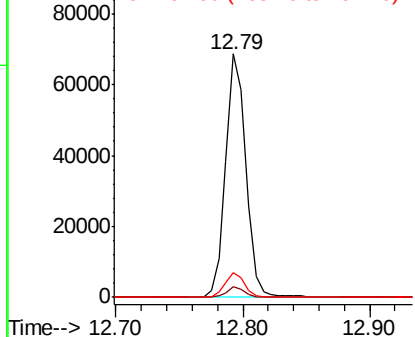
#50
Dimethylphthalate
Concen: 6.038 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Instrument :
BNA_P
ClientSampleId :

Tot Ion:163 Resp: 75643
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.2 8.2 12.4

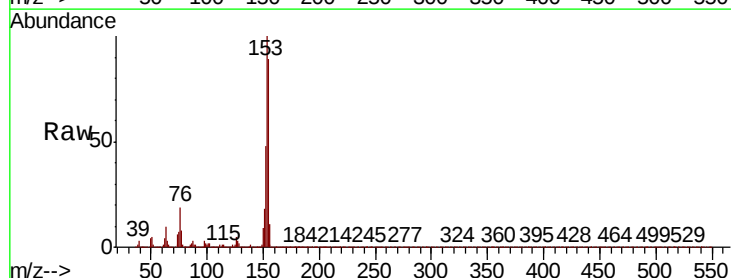


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

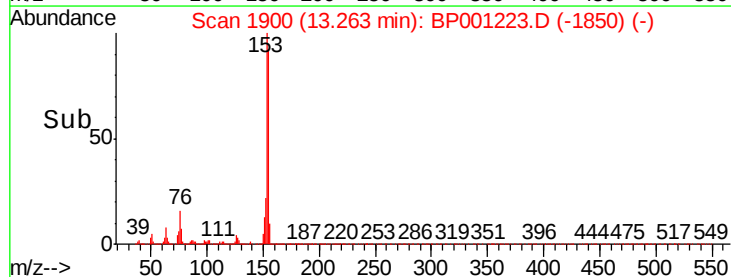
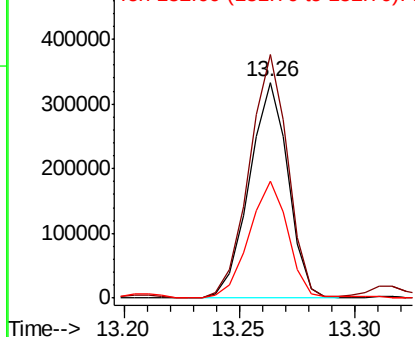


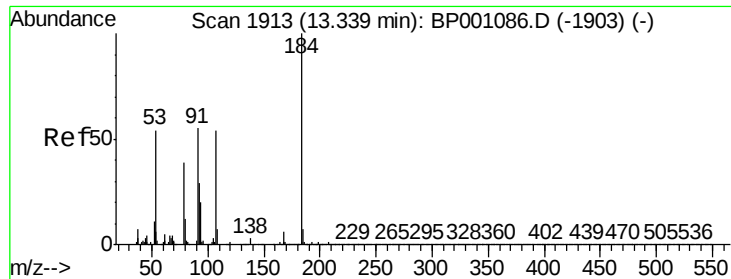
#52
Acenaphthene
Concen: 41.887 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Tgt Ion:154 Resp: 390547
Ion Ratio Lower Upper
154 100
153 112.7 90.3 135.5
152 53.9 42.9 64.3



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

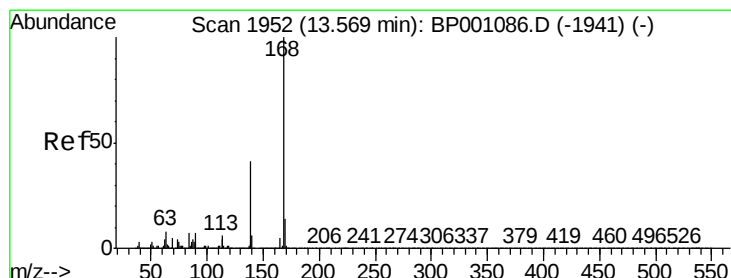
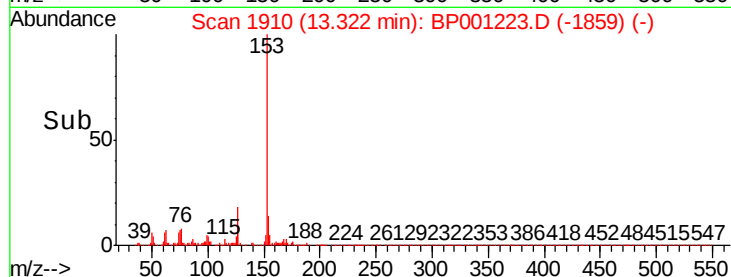
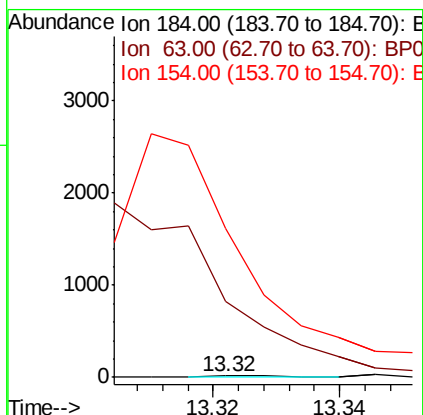
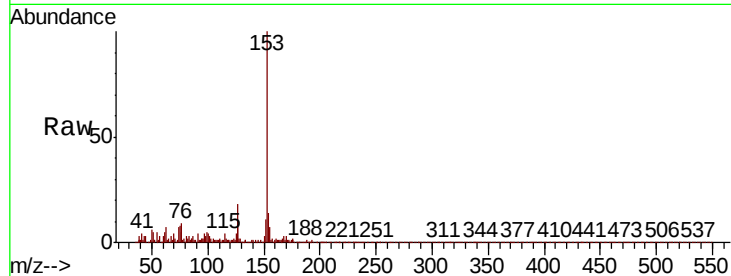




#54
2,4-Dinitrophenol
Concen: 7.120 ng
RT: 13.32 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

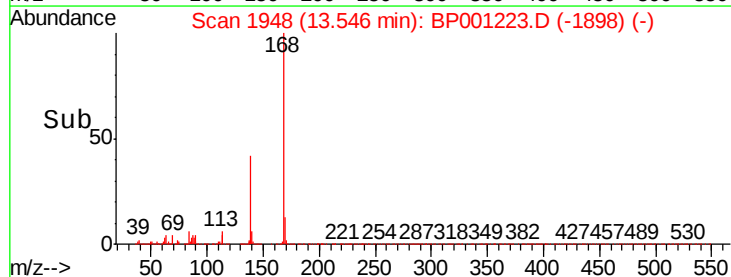
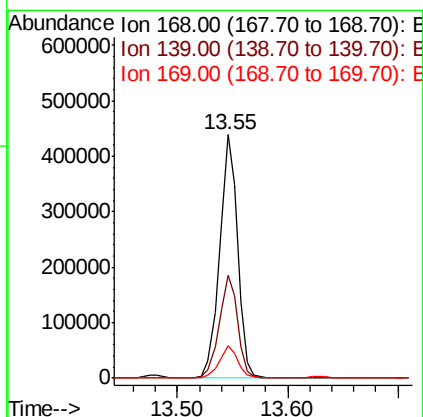
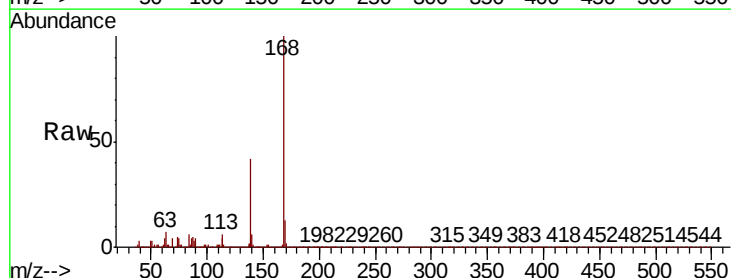
Instrument :
BNA_P
ClientSampleId :

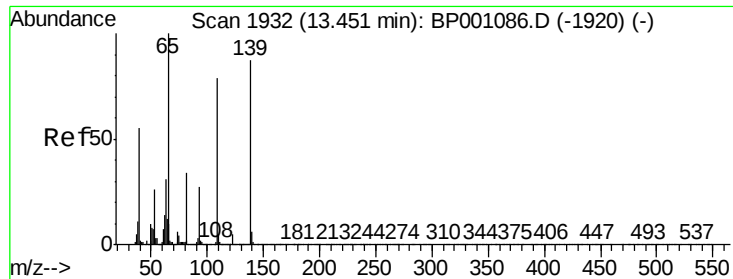
Tot Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 4835.3 69.4 104.0#
154 9470.6 57.4 86.2#



#55
Dibenzofuran
Concen: 35.510 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Tgt Ion:168 Resp: 497517
Ion Ratio Lower Upper
168 100
139 42.3 34.5 51.7
169 13.2 10.8 16.2

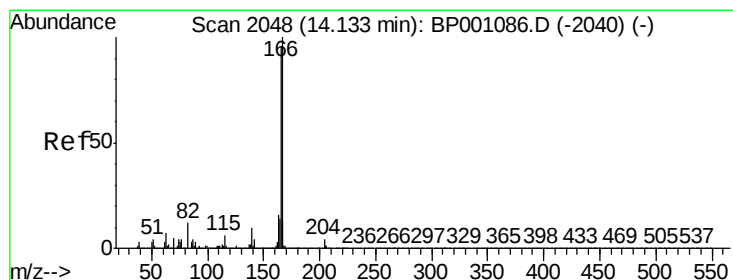
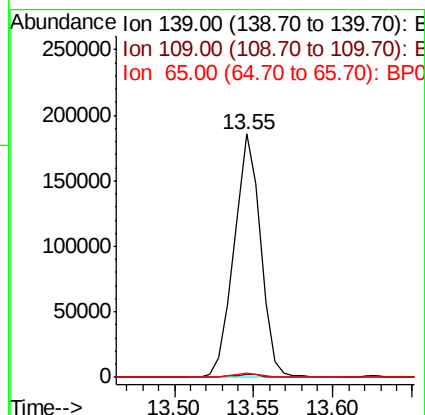
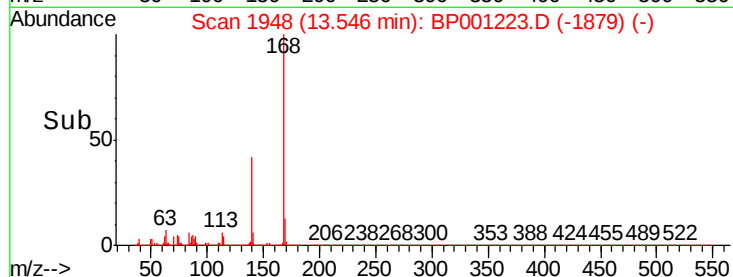
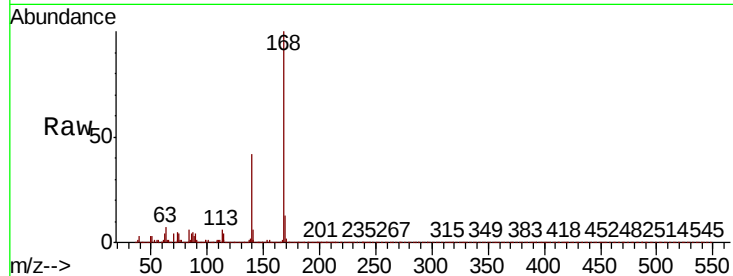




#56
4-Nitrophenol
Concen: 100.563 ng
RT: 13.55 min Scan# 1948
Delta R.T. 0.11 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

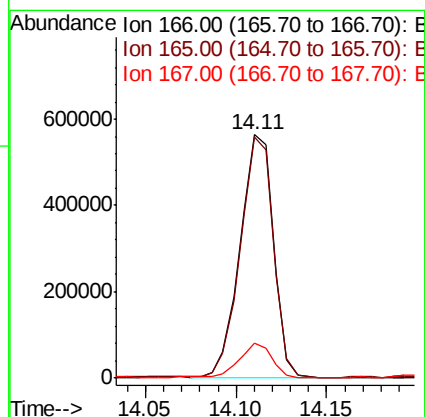
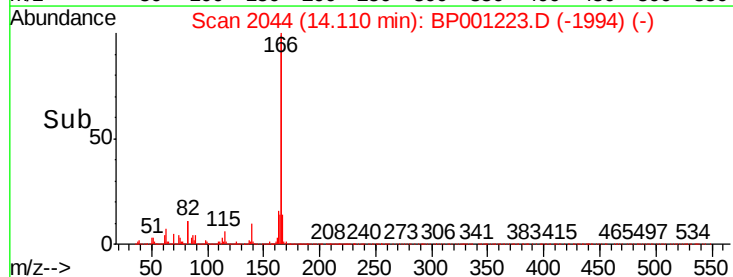
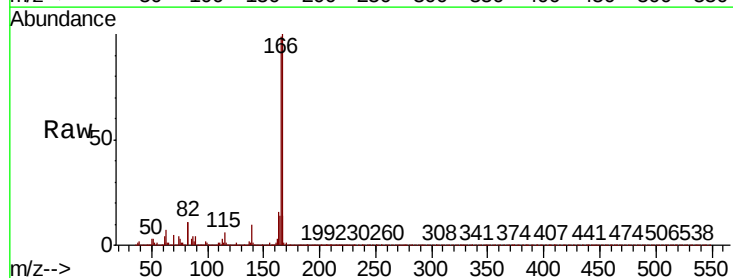
Instrument :
BNA_P
ClientSampleId :

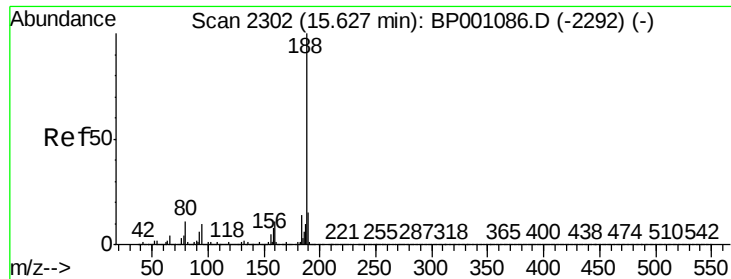
Tot Ion:139 Resp: 214672
Ion Ratio Lower Upper
139 100
109 1.2 87.8 127.8#
65 1.8 111.9 151.9#



#58
Fluorene
Concen: 63.981 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Tgt Ion:166 Resp: 718299
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.8
167 14.1 10.5 15.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.00 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

Instrument :

BNA_P

ClientSampleId :

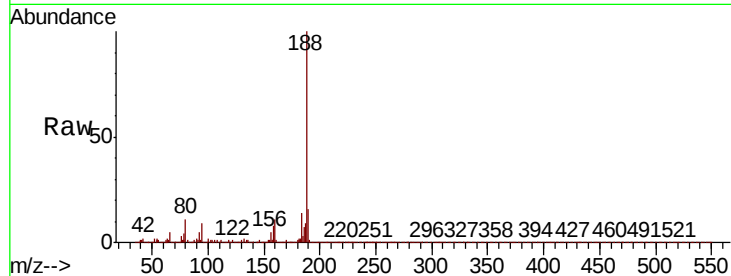
Tot Ion:188 Resp: 312067

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

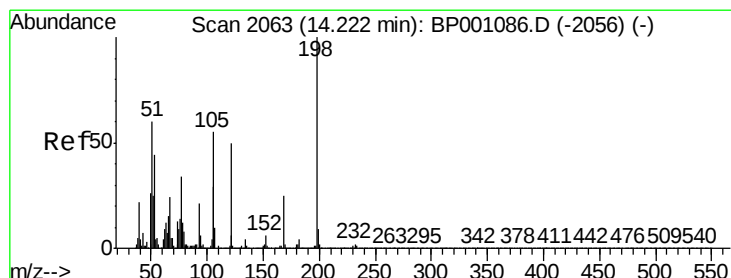
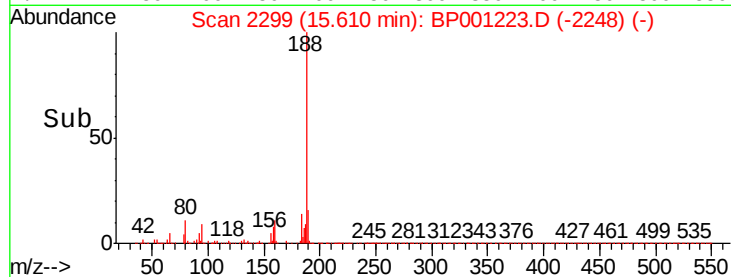
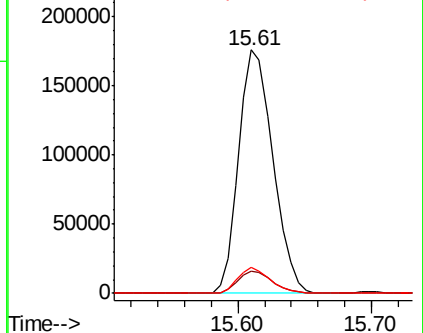
80 10.6 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.317 ng

RT: 14.22 min Scan# 2063

Delta R.T. 0.01 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

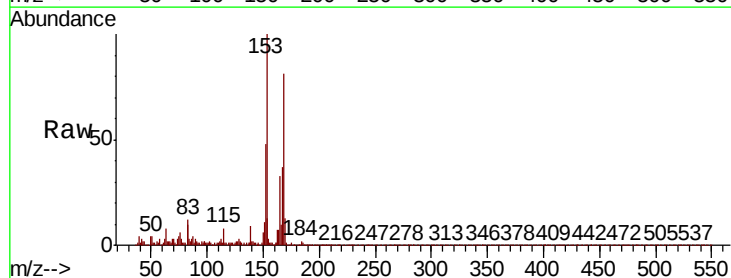
Tgt Ion:198 Resp: 62

Ion Ratio Lower Upper

198 100

51 3329.0 36.2 76.2#

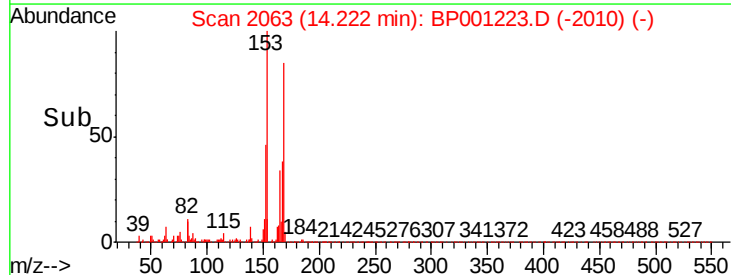
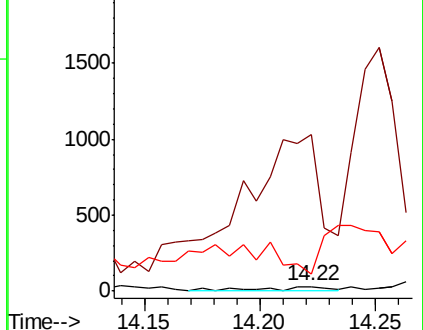
105 361.3 30.2 70.2#

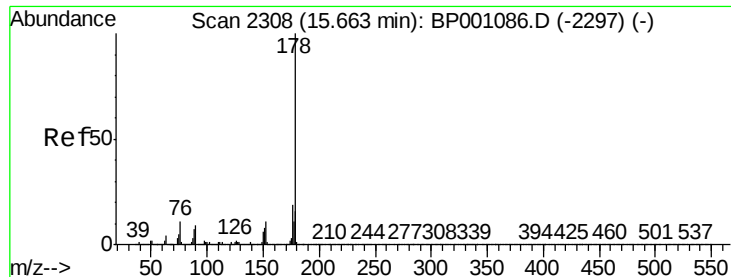


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E





#71

Phenanthrene

Concen: 373.111 ng

RT: 15.67 min Scan# 2310

Delta R.T. 0.03 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

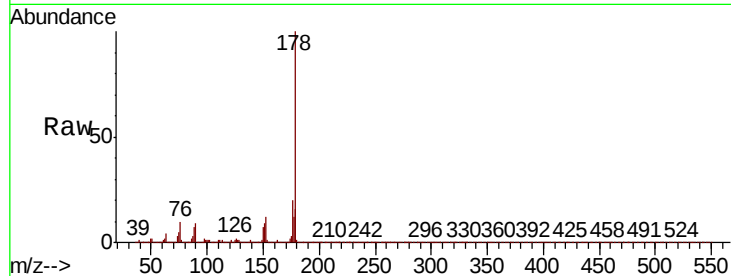
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 6121412

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.9	12.4	18.6

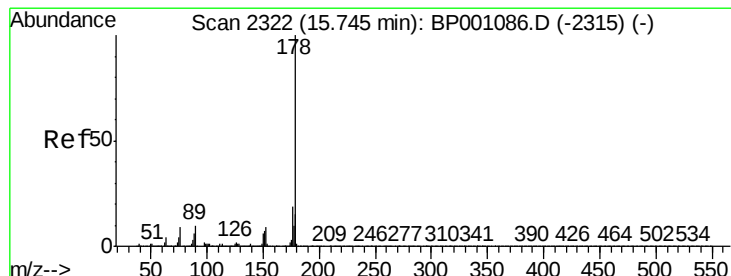
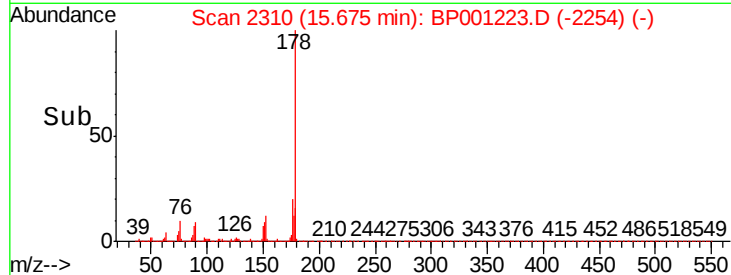
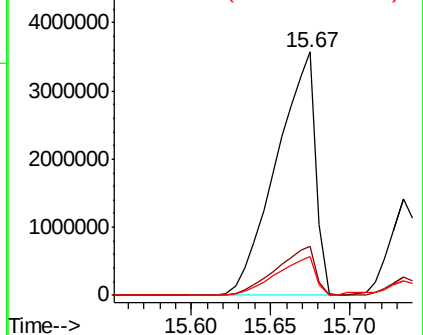


Abundance

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: 98.414 ng

RT: 15.73 min Scan# 2320

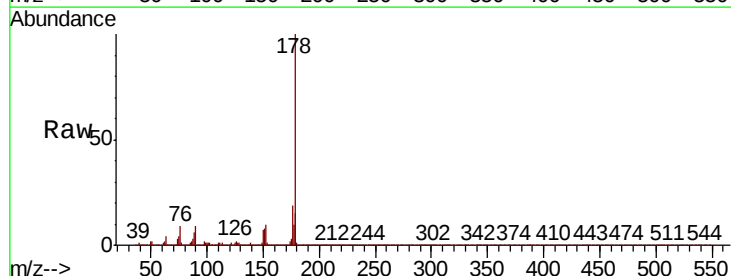
Delta R.T. 0.01 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

Tgt Ion:178 Resp: 1591440

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.5	12.7	19.1

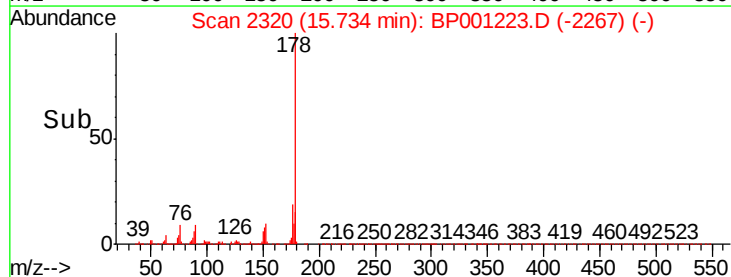
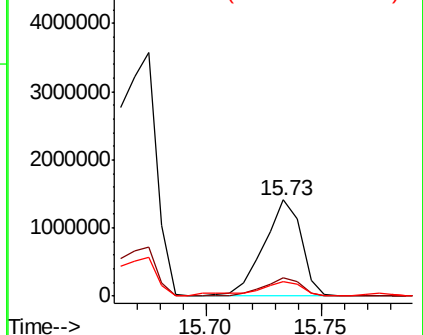


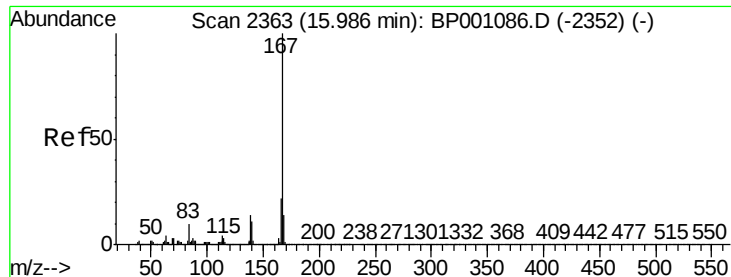
Abundance

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: 30.566 ng

RT: 15.97 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

Instrument :

BNA_P

ClientSampleId :

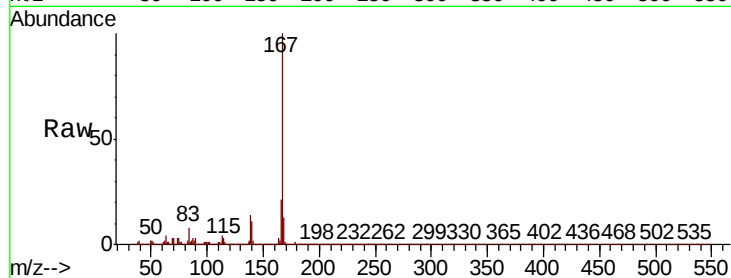
Tot Ion:167 Resp: 449766

Ion Ratio Lower Upper

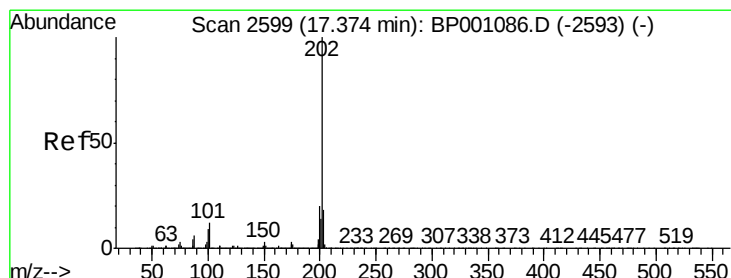
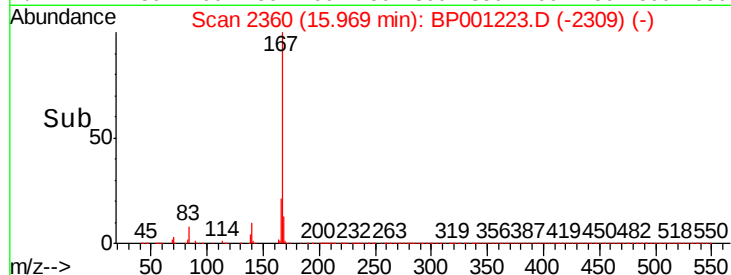
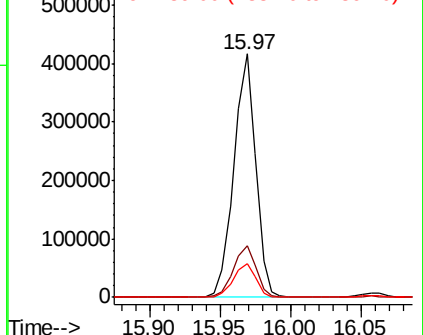
167 100

166 21.0 17.4 26.0

139 14.0 11.4 17.0



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: 423.039 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.03 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

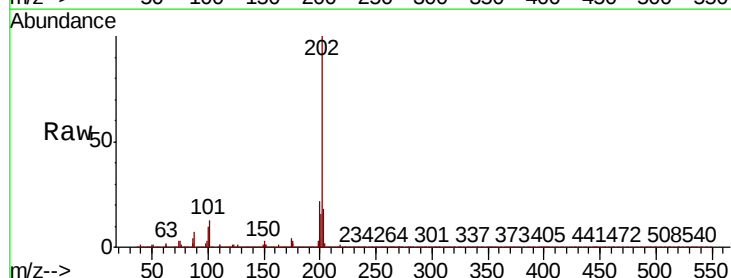
Tgt Ion:202 Resp: 7347653

Ion Ratio Lower Upper

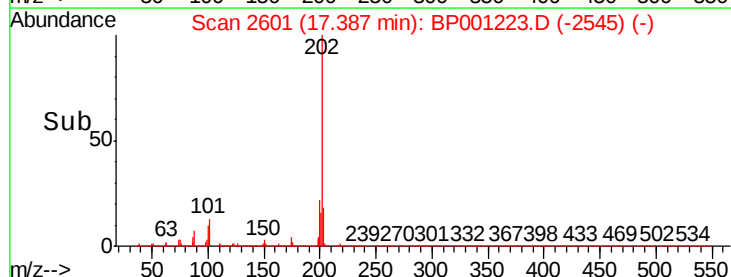
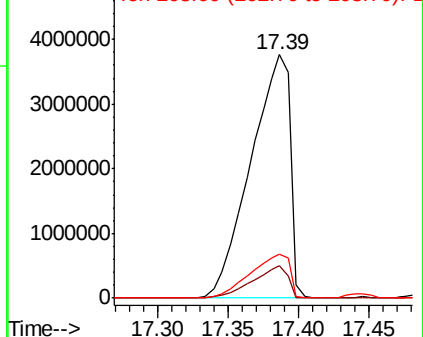
202 100

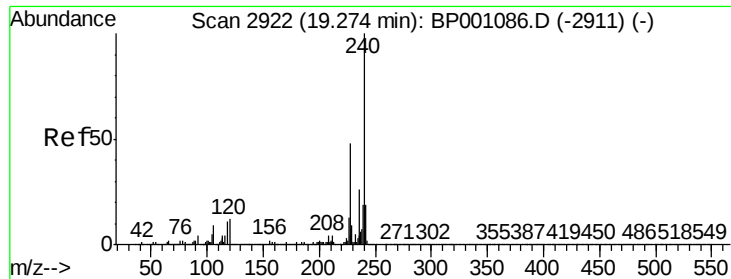
101 13.3 0.0 30.0

203 18.3 0.0 37.1



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

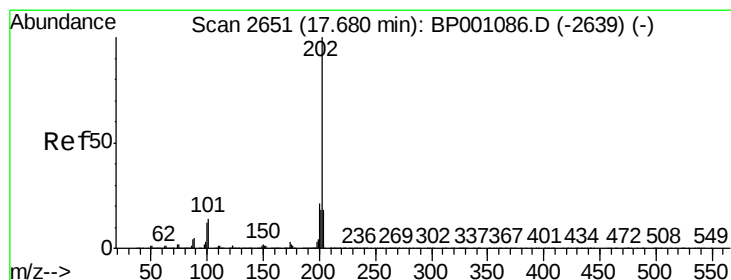
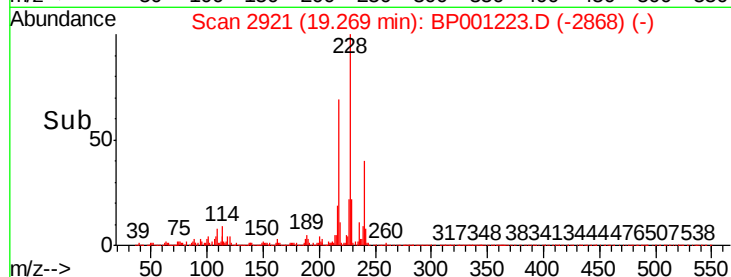
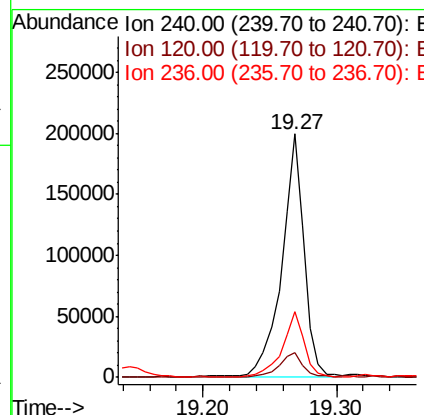
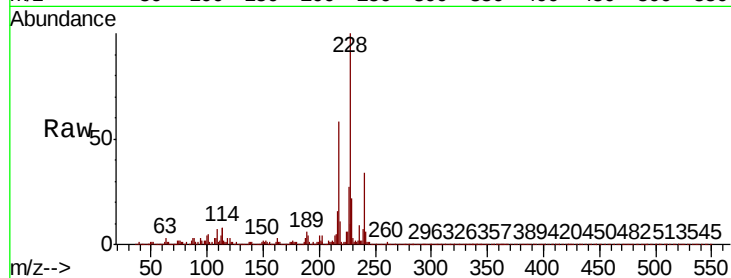




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.27 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BP001223.D
 Acq: 05 Dec 2019 20:57

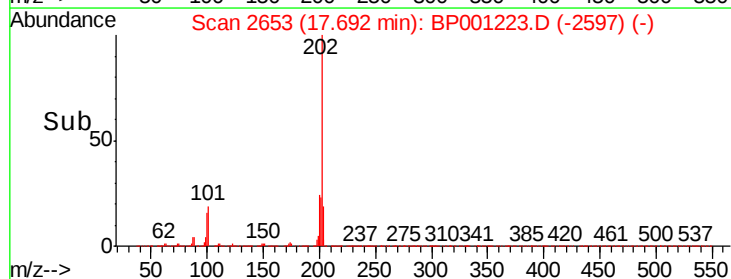
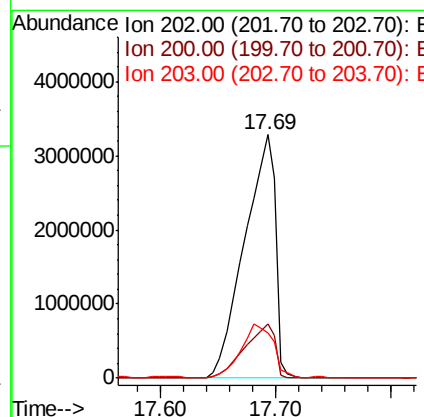
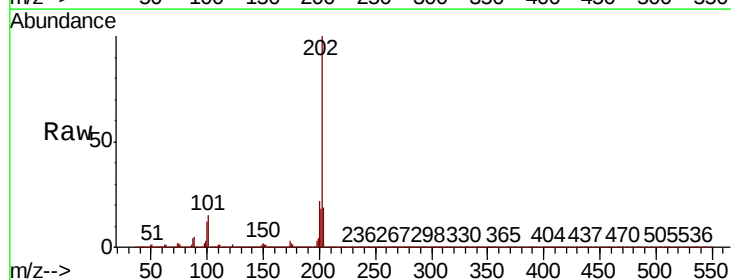
Instrument :
 BNA_P
 ClientSampled :

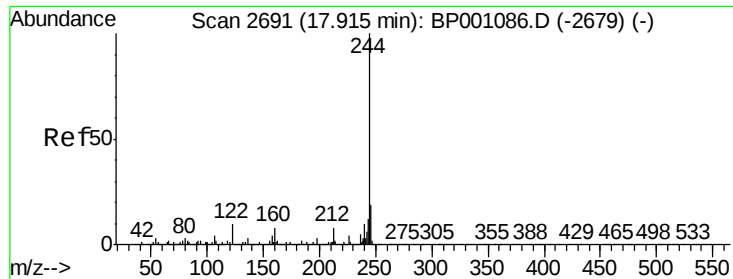
Tot Ion:240 Resp: 233212
 Ion Ratio Lower Upper
 240 100
 120 10.3 7.0 10.6
 236 26.8 21.7 32.5



#78
 Pyrene
 Concen: 331.077 ng
 RT: 17.69 min Scan# 2653
 Delta R.T. 0.03 min
 Lab File: BP001223.D
 Acq: 05 Dec 2019 20:57

Tgt Ion:202 Resp: 6081331
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.3 25.9
 203 18.5 13.8 20.8





#79

Terphenyl-d14

Concen: 59.419 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

Instrument :

BNA_P

ClientSampleId :

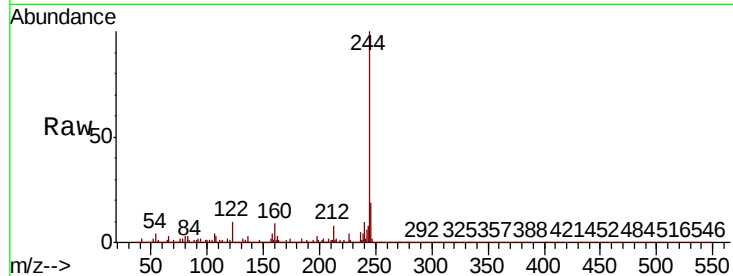
Tot Ion:244 Resp: 748996

Ion Ratio Lower Upper

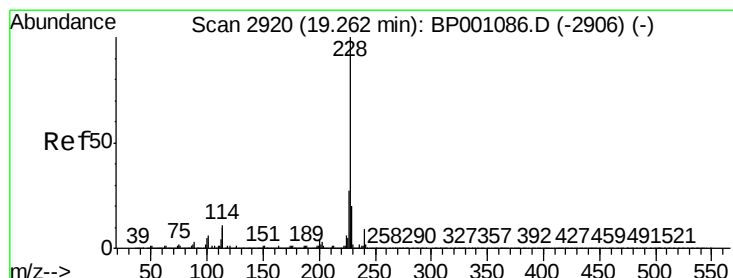
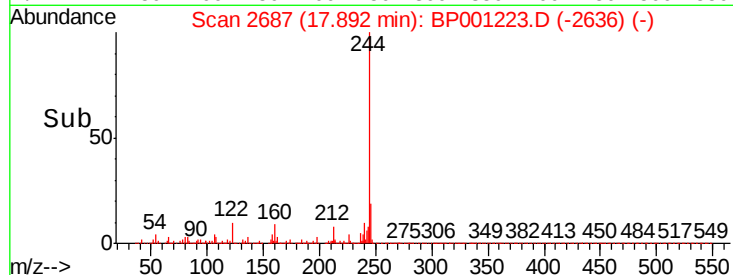
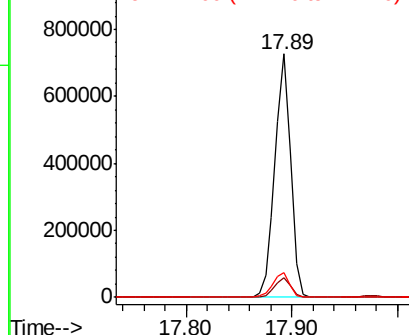
244 100

212 8.1 6.6 9.8

122 10.0 9.2 13.8



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: 189.067 ng

RT: 19.26 min Scan# 2919

Delta R.T. 0.02 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

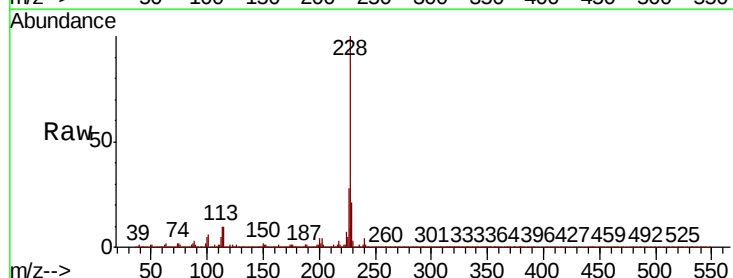
Tgt Ion:228 Resp: 3057112

Ion Ratio Lower Upper

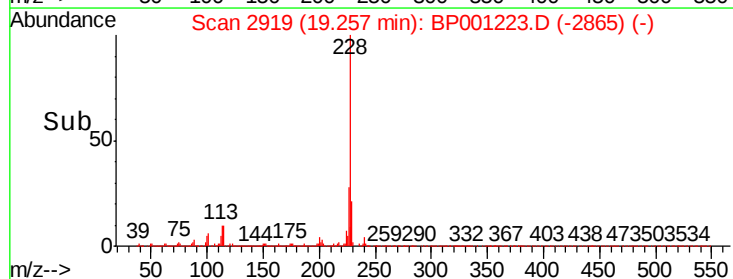
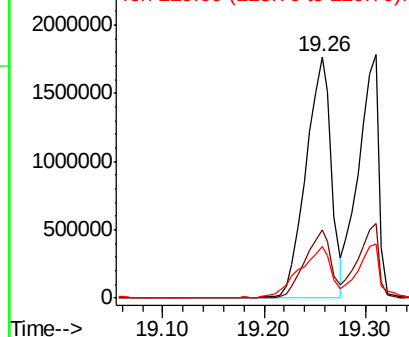
228 100

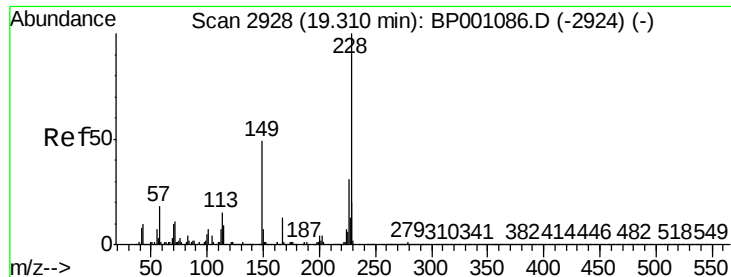
226 28.3 21.7 32.5

229 21.1 15.8 23.6



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: 172.287 ng

RT: 19.31 min Scan# 2928

Delta R.T. 0.02 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

Instrument :

BNA_P

ClientSampled :

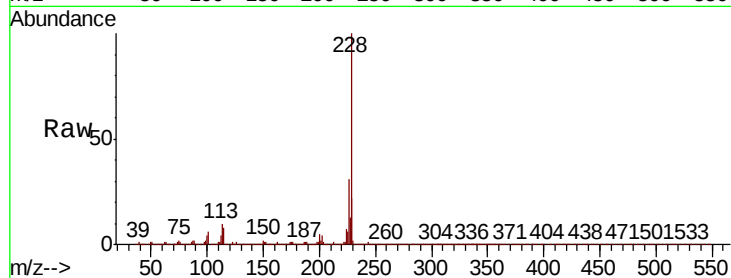
Tot Ion:228 Resp: 2494582

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

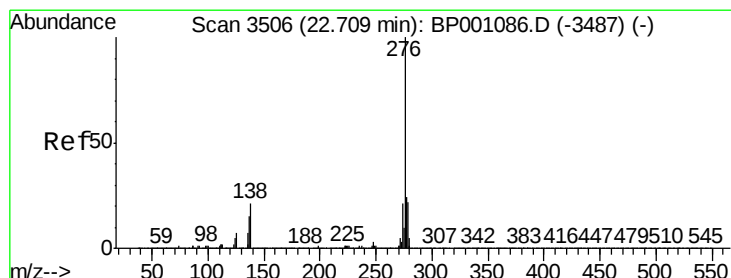
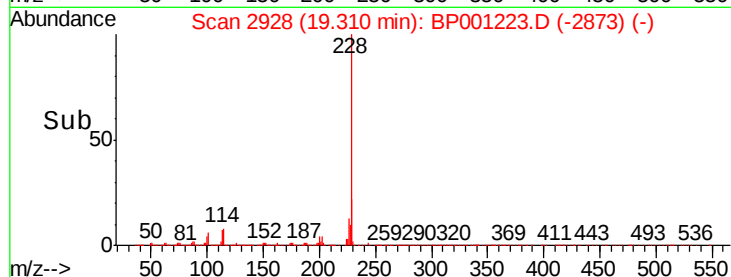
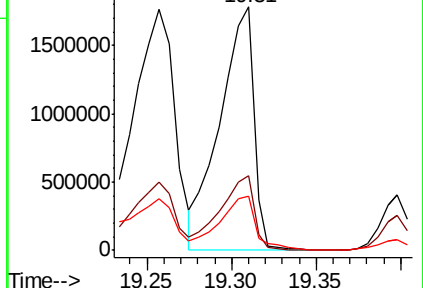
229 22.1 15.2 22.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 104.112 ng

RT: 22.72 min Scan# 3508

Delta R.T. 0.05 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

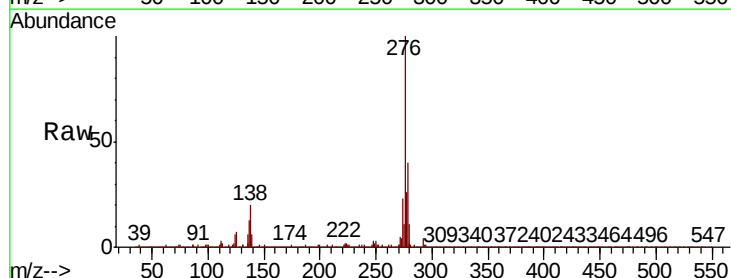
Tgt Ion:276 Resp: 1776582

Ion Ratio Lower Upper

276 100

138 20.0 17.9 26.9

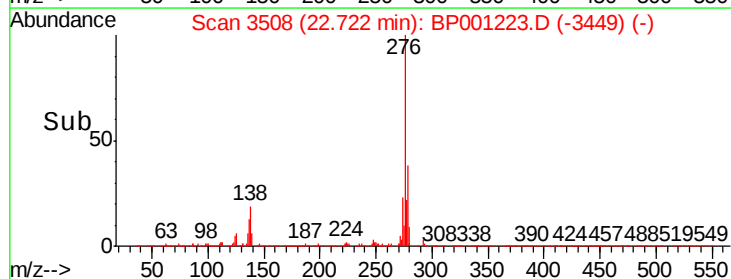
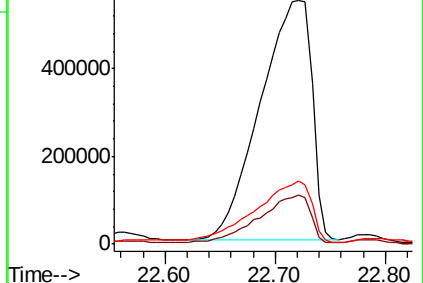
277 27.7 20.1 30.1

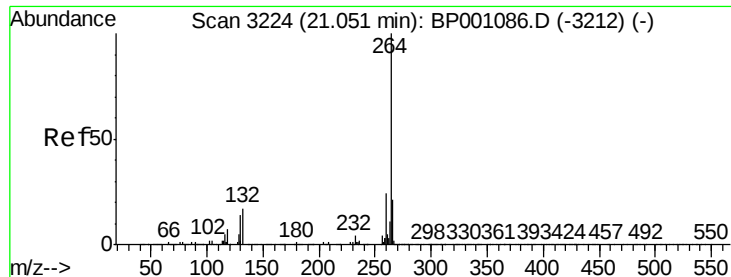


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

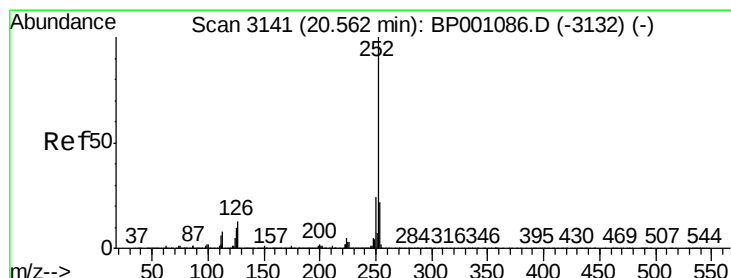
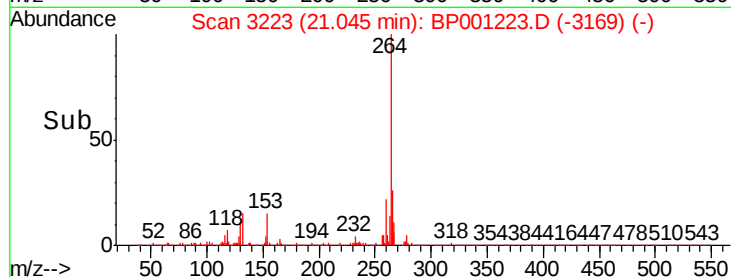
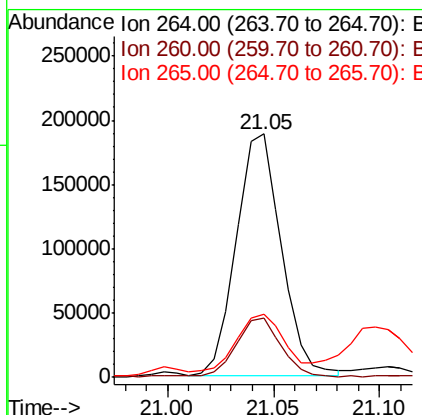
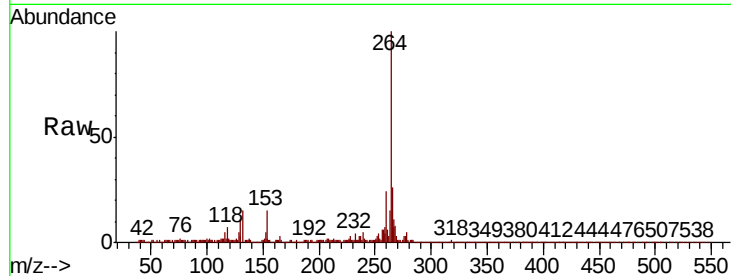




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3223
Delta R.T. 0.02 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

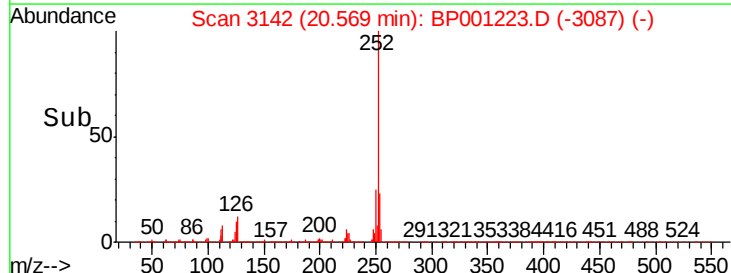
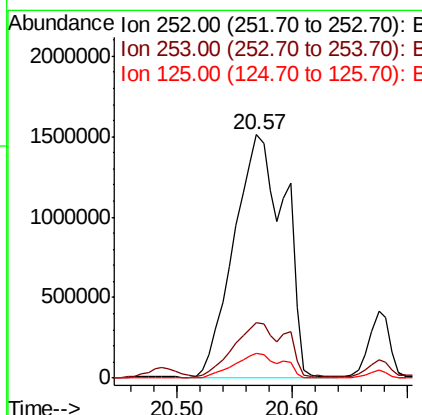
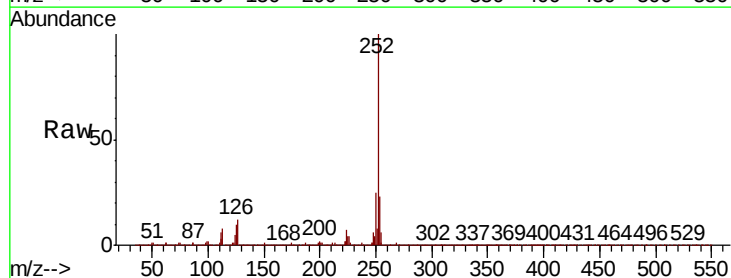
Instrument :
BNA_P
ClientSampleId :

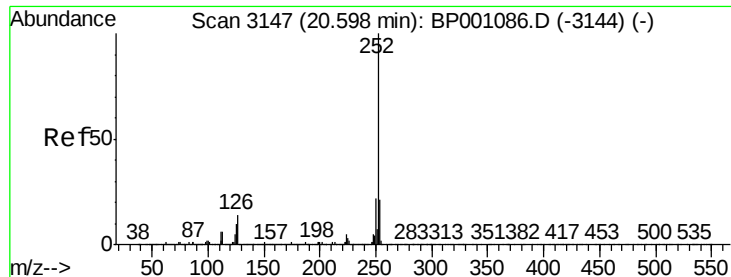
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	26.2	17.1	25.7#



#88
Benzo(b)fluoranthene
Concen: 271.144 ng
RT: 20.57 min Scan# 3142
Delta R.T. 0.02 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.3	6.6	9.8#

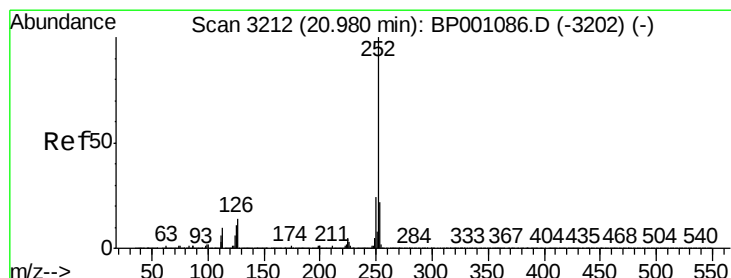
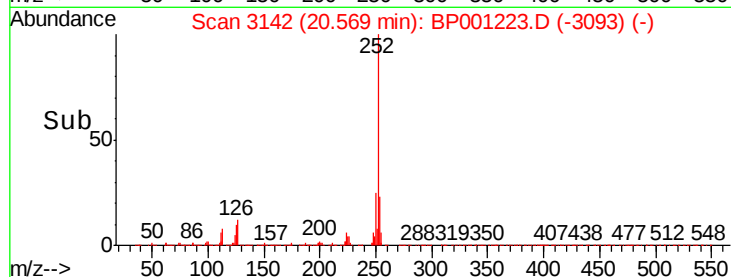
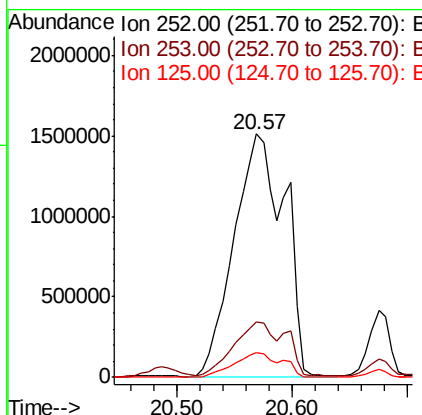
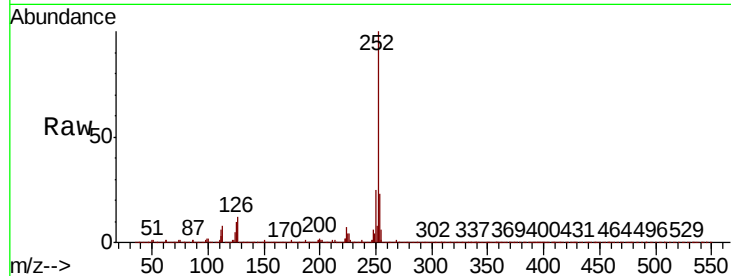




#89
Benzo(k)fluoranthene
Concen: 281.258 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

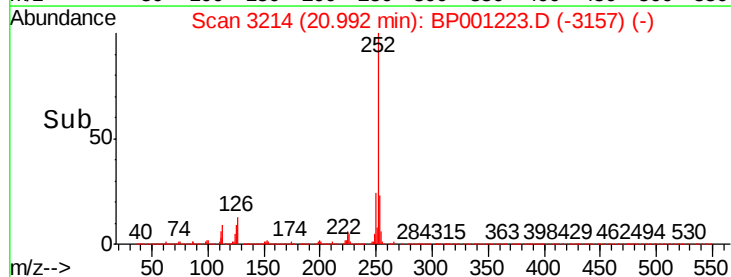
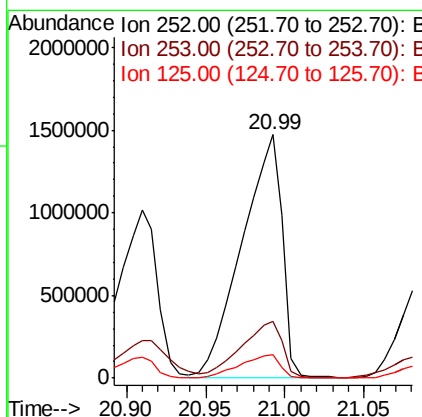
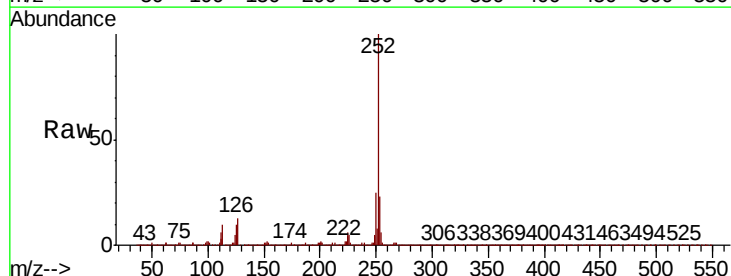
Instrument :
BNA_P
ClientSampleId :

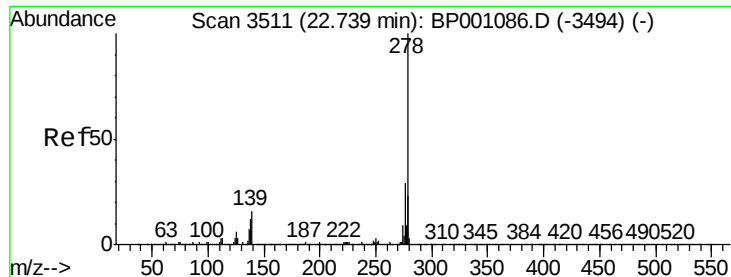
Tot Ion:252 Resp: 4582777
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 10.3 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 166.470 ng
RT: 20.99 min Scan# 3214
Delta R.T. 0.04 min
Lab File: BP001223.D
Acq: 05 Dec 2019 20:57

Tgt Ion:252 Resp: 2594010
Ion Ratio Lower Upper
252 100
253 23.3 16.8 25.2
125 9.7 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 26.632 ng

RT: 22.73 min Scan# 3509

Delta R.T. 0.02 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

Instrument :

BNA_P

ClientSampleId :

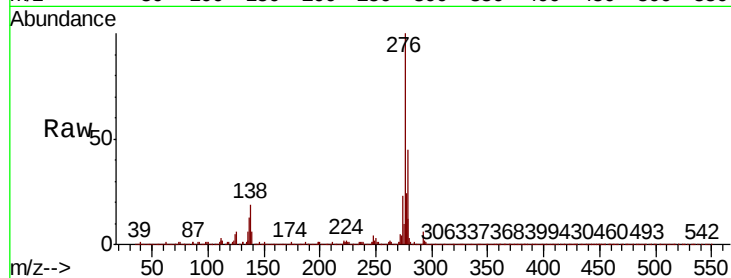
Tot Ion:278 Resp: 406121

Ion Ratio Lower Upper

278 100

139 14.4 11.6 17.4

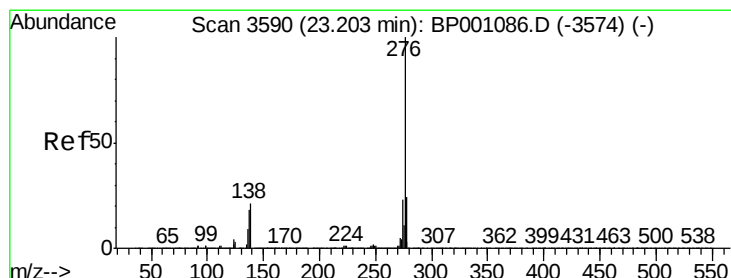
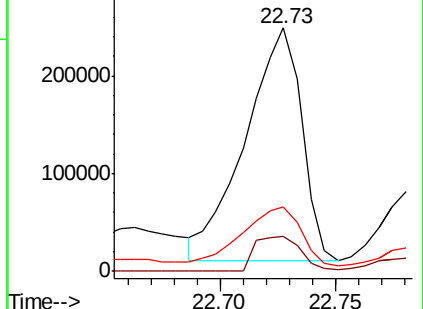
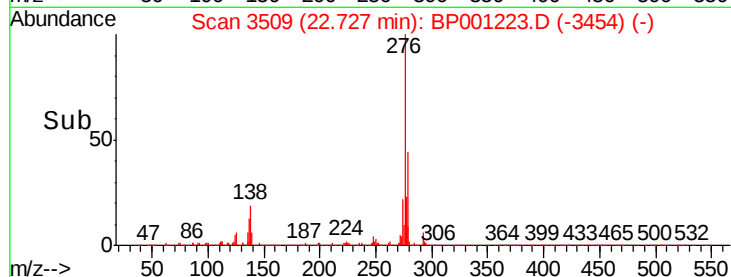
279 26.3 18.7 28.1



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: 117.673 ng

RT: 23.22 min Scan# 3592

Delta R.T. 0.05 min

Lab File: BP001223.D

Acq: 05 Dec 2019 20:57

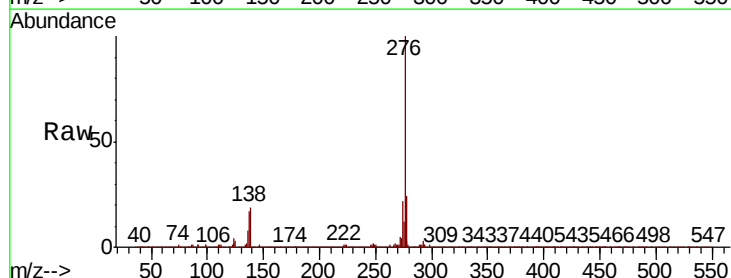
Tgt Ion:276 Resp: 1771894

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 19.1 15.6 23.4



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

