

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001235.D
 Acq On : 06 Dec 2019 17:54
 Operator : JU
 Sample : K6147-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

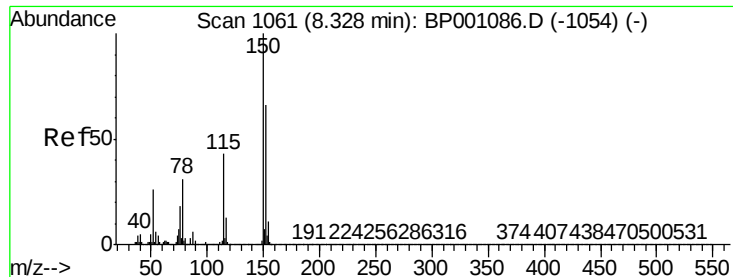
Quant Time: Dec 07 00:39:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	76441	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	289232	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	166533	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	315592	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	225282	20.00	ng	-0.02
87) Perylene-d12	21.02	264	242751	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	460244	99.89	ng	0.00
7) Phenol-d6	7.75	99	653631	106.49	ng	-0.01
23) Nitrobenzene-d5	9.19	82	451796	67.77	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	169690	106.31	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	729221	64.09	ng	-0.02
79) Terphenyl-d14	17.88	244	805025	66.11	ng	-0.01

Target Compounds				Qvalue		
9) Benzaldehyde	7.60	77	5252	Below Cal		95
10) Phenol	7.77	94	37368	5.352 ng		80
15) Benzyl Alcohol	8.55	79	10344	2.053 ng	#	57
19) n-Nitroso-di-n-propylamine	9.19	70	64810	14.632 ng	#	76
31) Naphthalene	10.37	128	930091	62.964 ng		99
33) 4-Chloroaniline	10.37	127	124704	19.454 ng	#	31
37) 2-Methylnaphthalene	11.50	142	457298	45.368 ng		98
38) 1-Methylnaphthalene	11.66	142	237313	24.924 ng		98
46) 1,1'-Biphenyl	12.27	154	181193	14.078 ng		99
50) Dimethylphthalate	12.79	163	85005	6.825 ng		100
52) Acenaphthene	13.25	154	371344	40.060 ng		99
54) 2,4-Dinitrophenol	13.32	184	10	7.117 ng	#	1
55) Dibenzofuran	13.54	168	539373	38.722 ng		99
56) 4-Nitrophenol	13.54	139	235196	110.822 ng	#	1
58) Fluorene	14.10	166	293370	26.284 ng		99
65) 4,6-Dinitro-2-methylphenol	14.29	198	30	6.296 ng	#	1
71) Phenanthrene	15.64	178	1502776	90.574 ng		99
72) Anthracene	15.71	178	327705	20.039 ng		99
73) Carbazole	15.95	167	135758	9.123 ng		99
75) Fluoranthene	17.35	202	845337	48.126 ng		99
78) Pyrene	17.65	202	631969	35.616 ng		98
80) Butylbenzylphthalate	18.53	149	23657	2.887 ng	#	83
81) Benzo(a)anthracene	19.23	228	262752	16.822 ng		96
83) Chrysene	19.23	228	262752	18.786 ng		97
84) Bis(2-ethylhexyl)phthalate	19.28	149	100578	8.926 ng	#	97
86) Indeno(1,2,3-cd)pyrene	22.65	276	101843	6.178 ng		96
88) Benzo(b)fluoranthene	20.53	252	330281	22.275 ng	#	94
89) Benzo(k)fluoranthene	20.53	252	330281	23.128 ng	#	94
90) Benzo(a)pyrene	20.94	252	169585	12.417 ng		92
91) Dibenzo(a,h)anthracene	22.67	278	26991	2.019 ng	#	70
92) Benzo(g,h,i)perylene	23.14	276	92386	7.000 ng		98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

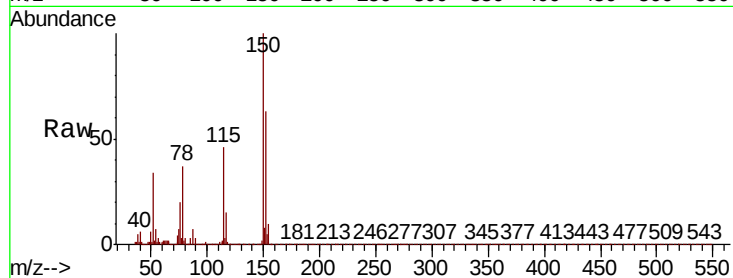
Tot Ion:152 Resp: 76441

Ion Ratio Lower Upper

152 100

150 157.5 127.3 190.9

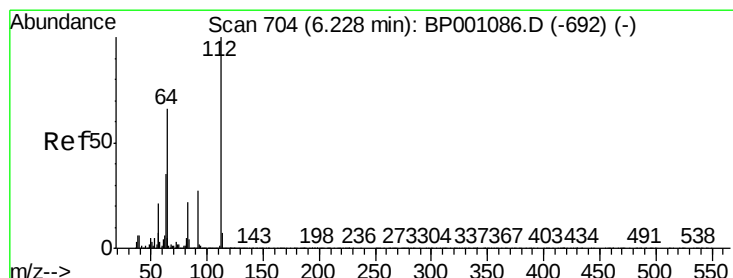
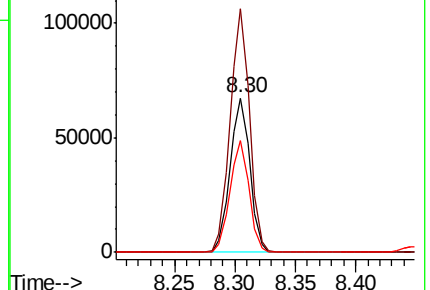
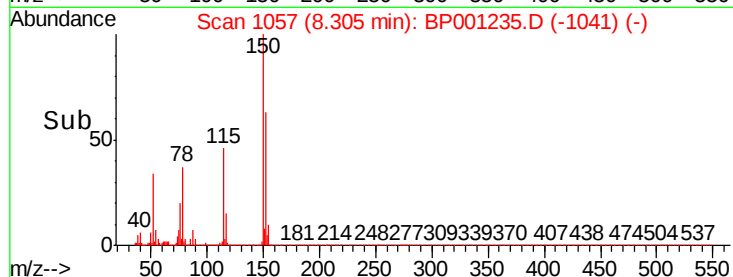
115 72.3 56.0 84.0



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: 99.892 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

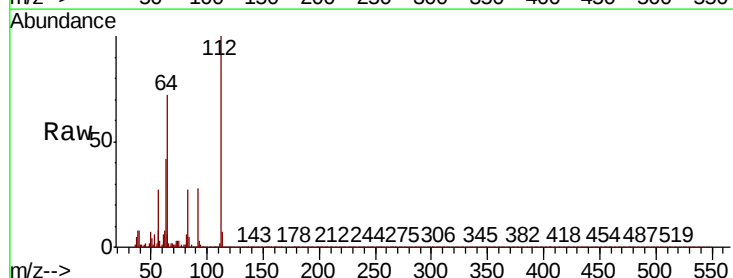
Tgt Ion:112 Resp: 460244

Ion Ratio Lower Upper

112 100

64 72.4 56.8 85.2

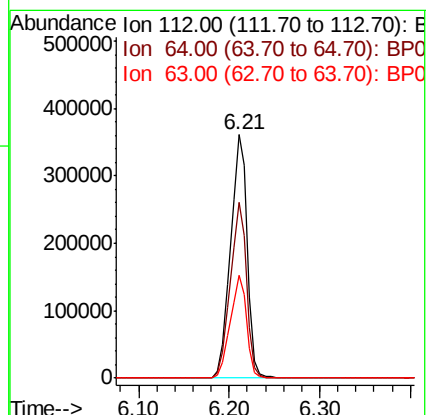
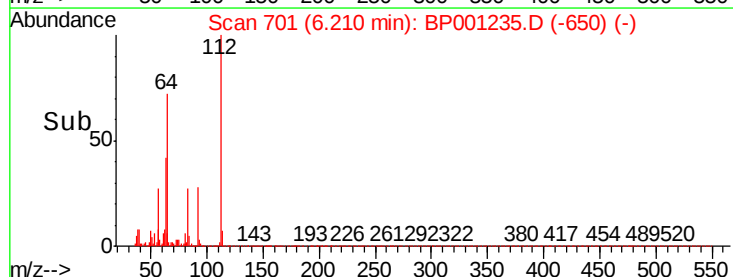
63 42.1 32.2 48.2



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: 106.485 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

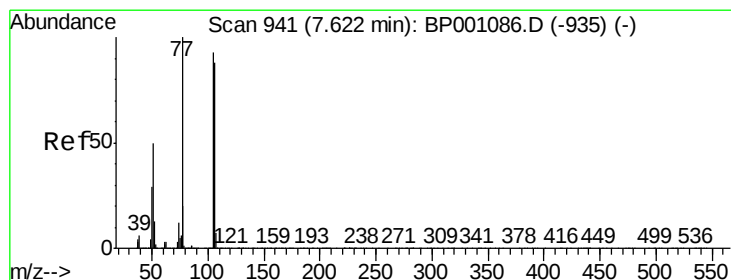
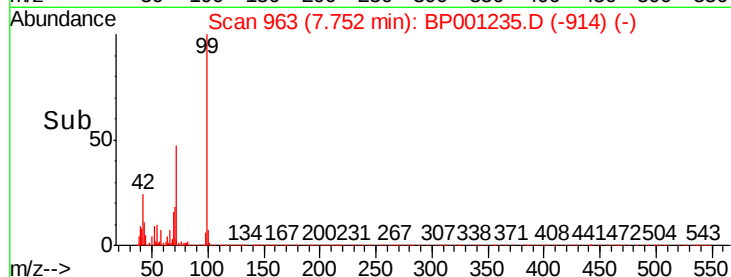
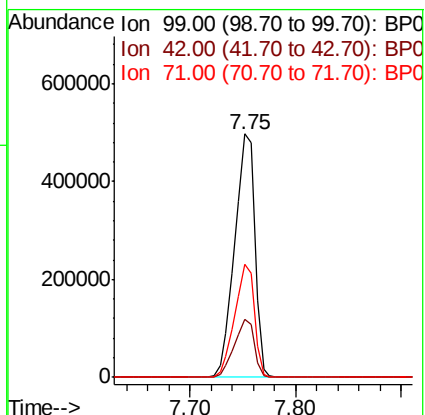
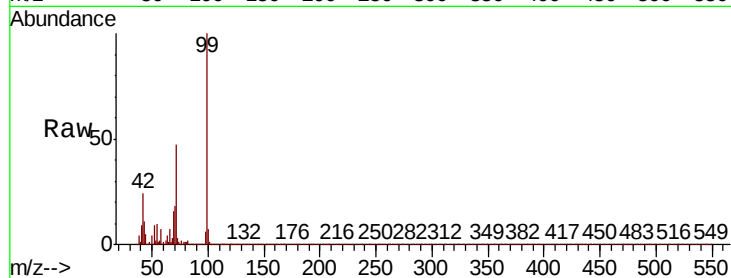
Tot Ion: 99 Resp: 653631

Ion	Ratio	Lower	Upper
99	100		
42	23.8	17.6	26.4
71	46.6	33.8	50.8

99 100

42 23.8 17.6 26.4

71 46.6 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

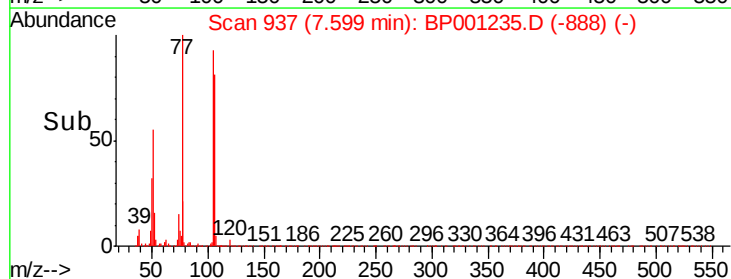
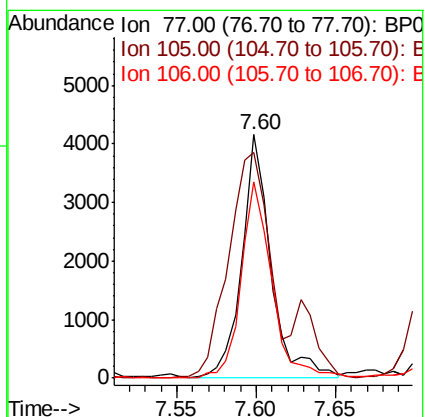
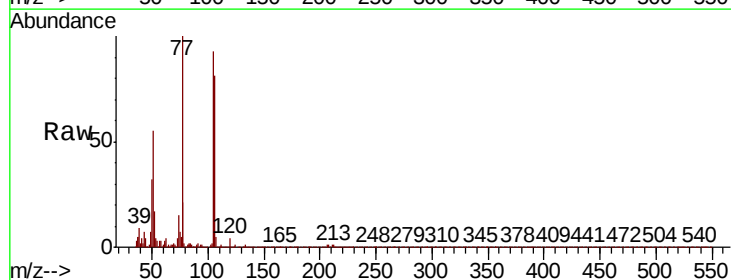
Tgt Ion: 77 Resp: 5252

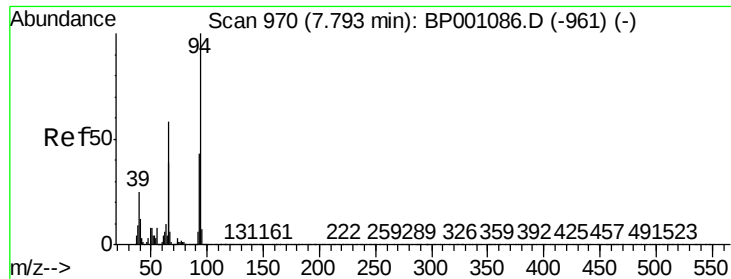
Ion	Ratio	Lower	Upper
77	100		
105	92.9	69.7	109.7
106	80.7	67.1	107.1

77 100

105 92.9 69.7 109.7

106 80.7 67.1 107.1





#10

Phenol

Concen: 5.352 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

Instrument :

BNA_P

ClientSampled :

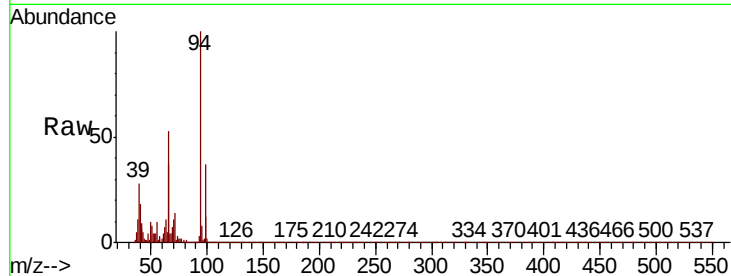
Tot Ion: 94 Resp: 37368

Ion Ratio Lower Upper

94 100

65 36.6 25.6 65.6

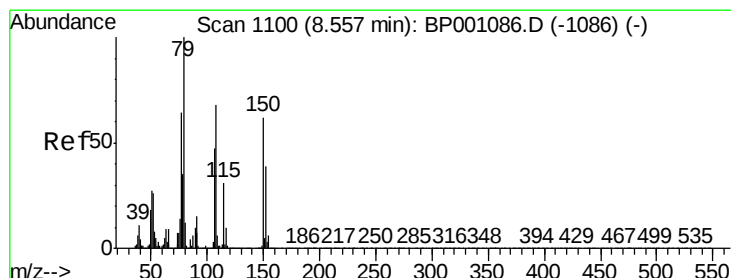
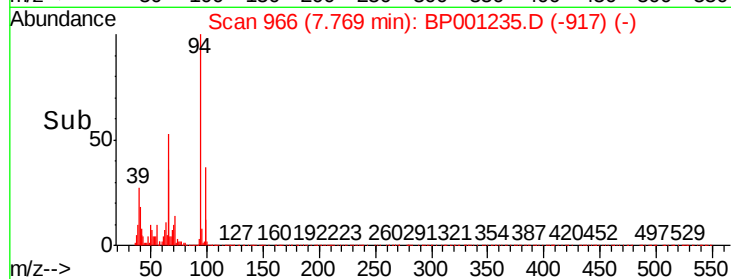
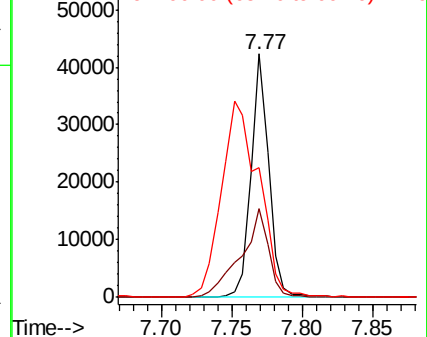
66 53.2 52.6 92.6



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#15

Benzyl Alcohol

Concen: 2.053 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

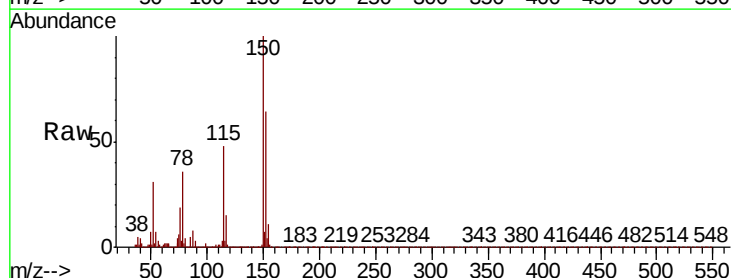
Tgt Ion: 79 Resp: 10344

Ion Ratio Lower Upper

79 100

108 32.2 51.6 77.4#

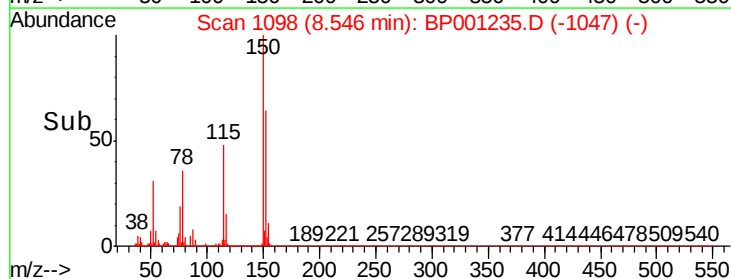
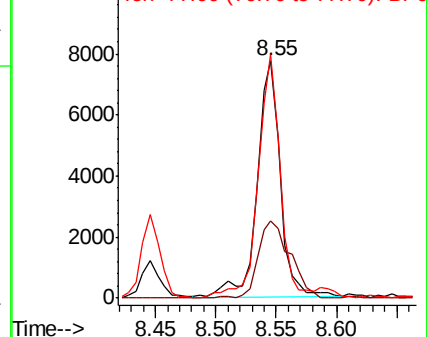
77 102.4 53.5 80.3#

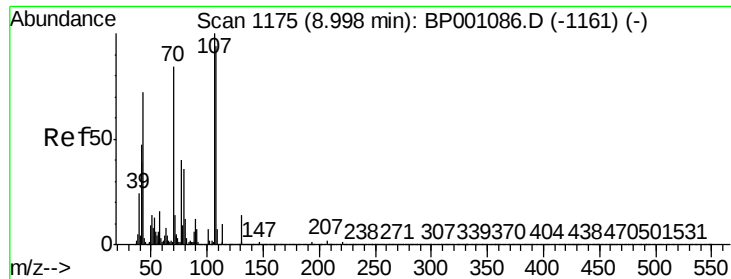


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

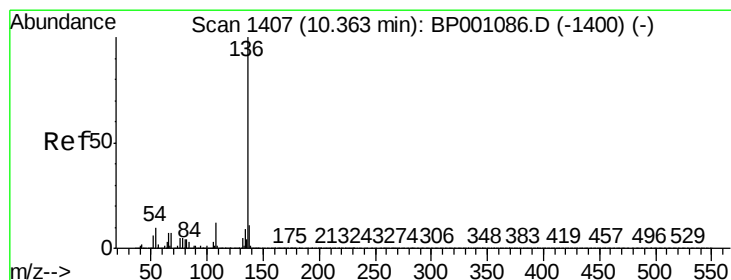
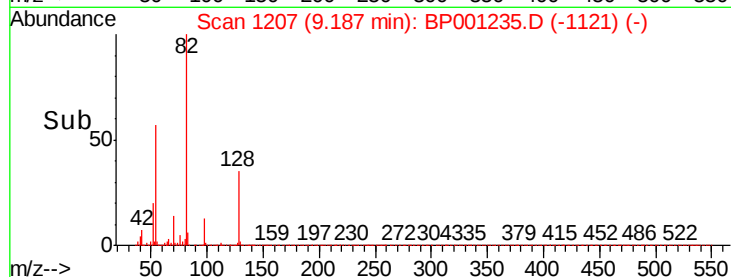
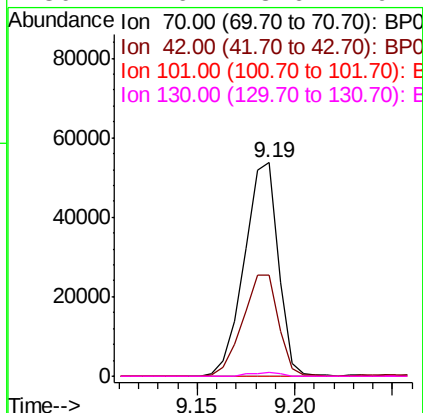
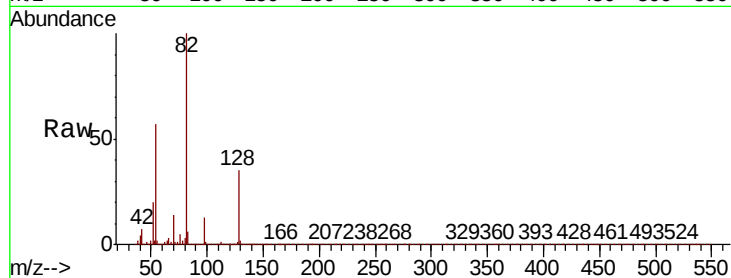




#19
n-Nitroso-di-n-propylamine
Concen: 14.632 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

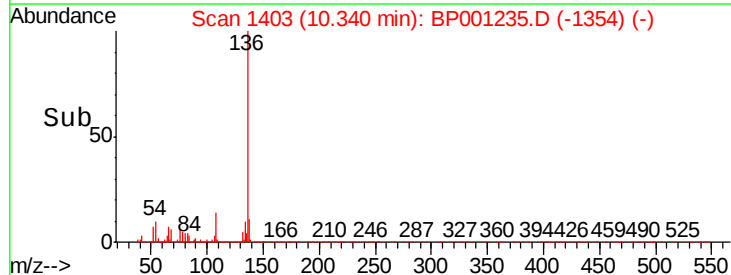
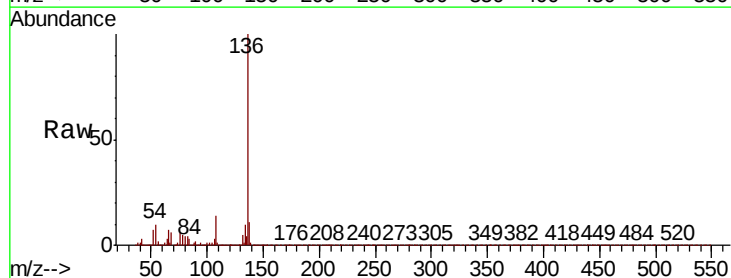
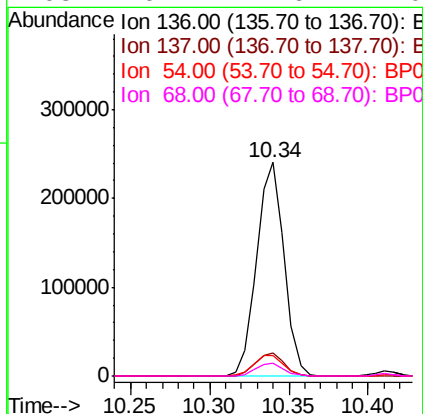
Instrument :
BNA_P
ClientSampleId :

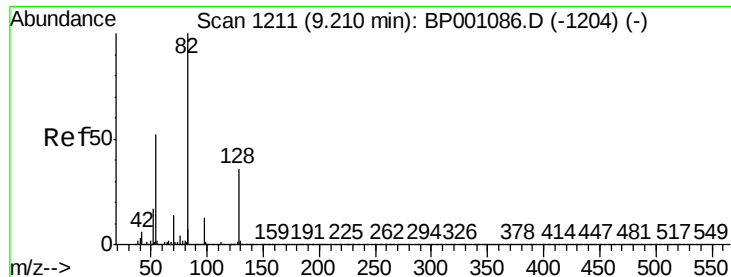
Tot Ion: 70 Resp: 64810
Ion Ratio Lower Upper
70 100
42 47.1 50.6 76.0#
101 0.0 7.1 10.7#
130 1.6 13.6 20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

Tgt Ion: 136 Resp: 289232
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 9.6 7.4 11.0
68 6.1 4.6 7.0

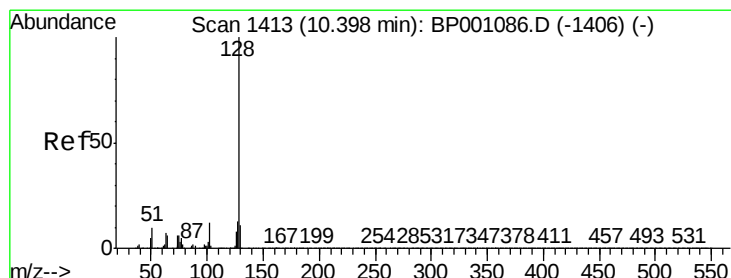
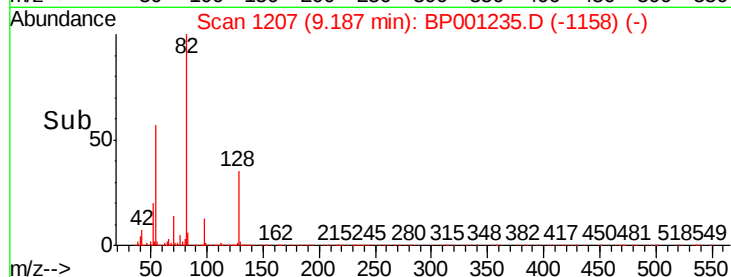
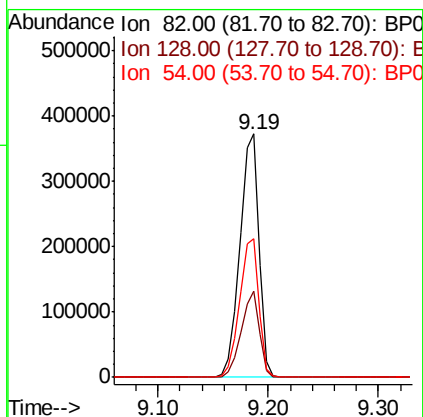
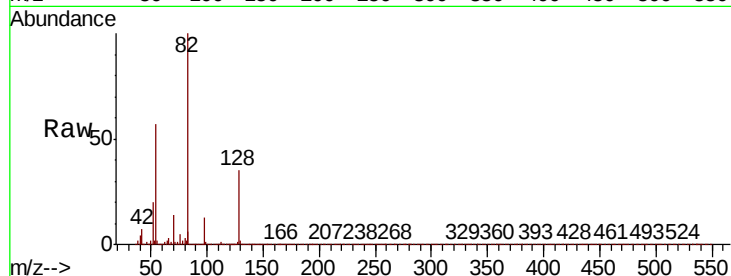




#23
Nitrobenzene-d5
Concen: 67.771 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

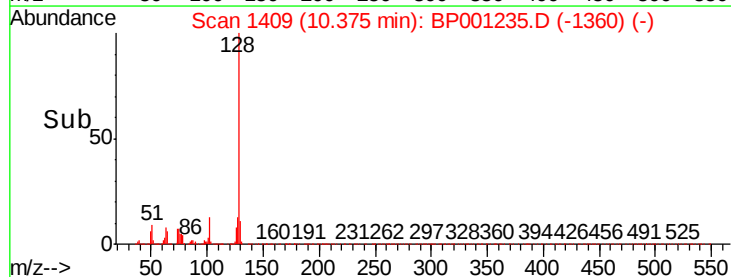
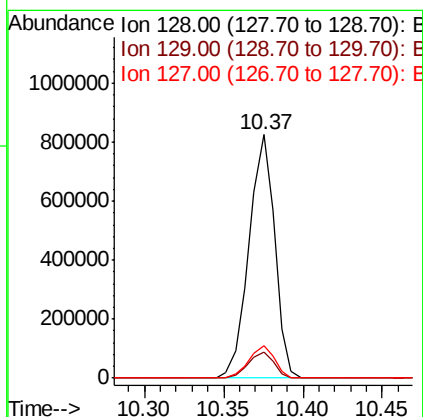
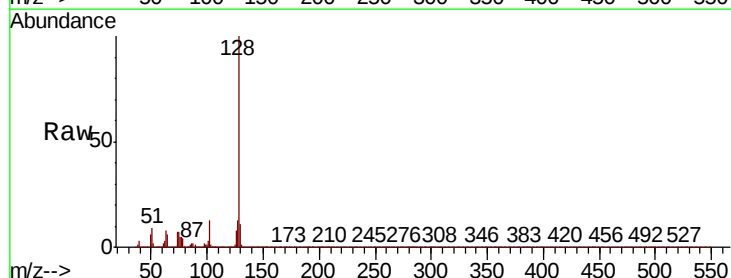
Instrument :
BNA_P
ClientSampleId :

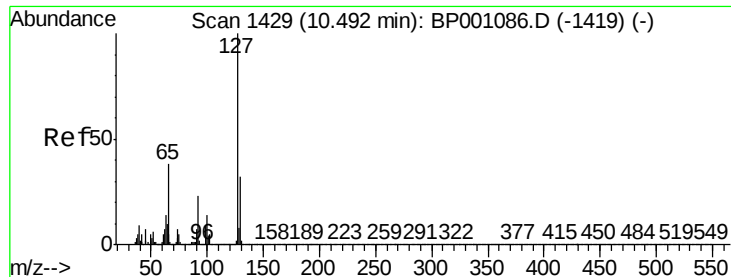
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	27.5	41.3
54	56.7	45.7	68.5



#31
Naphthalene
Concen: 62.964 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.5	10.6	16.0

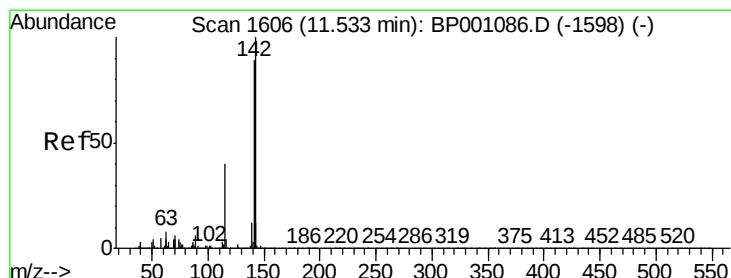
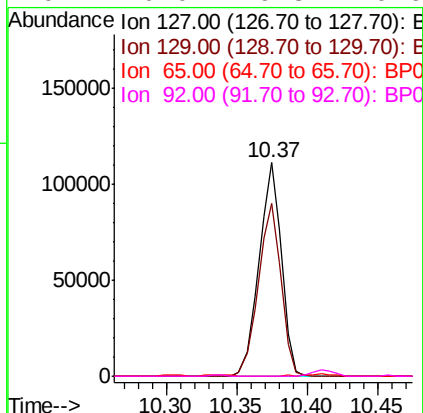
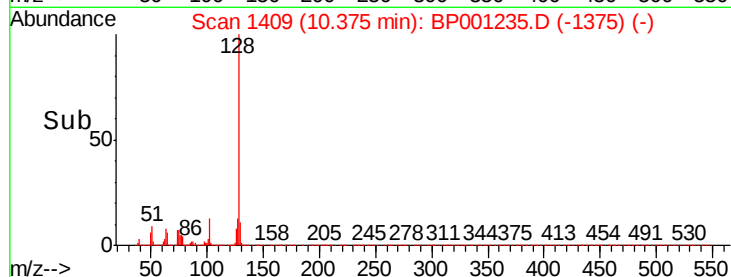
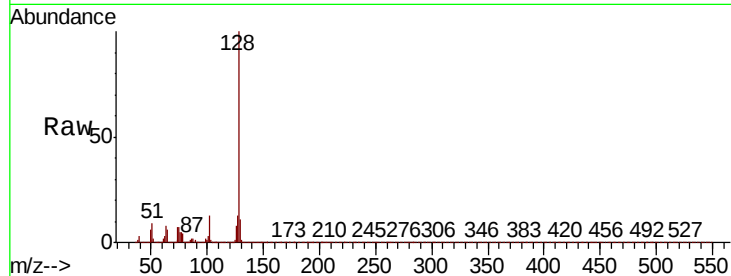




#33
4-Chloroaniline
Concen: 19.454 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.10 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

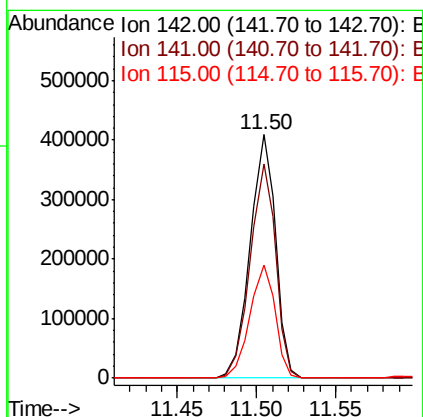
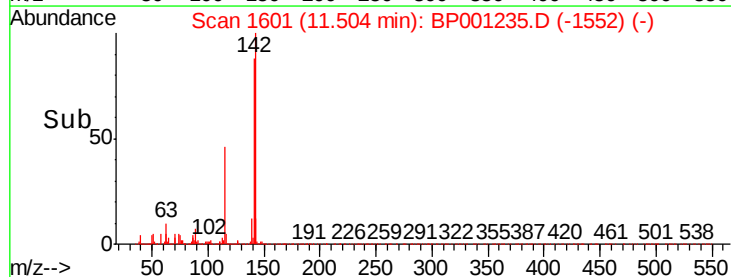
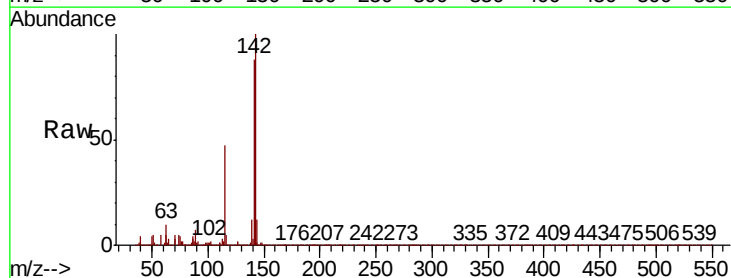
Instrument :
BNA_P
ClientSampleId :

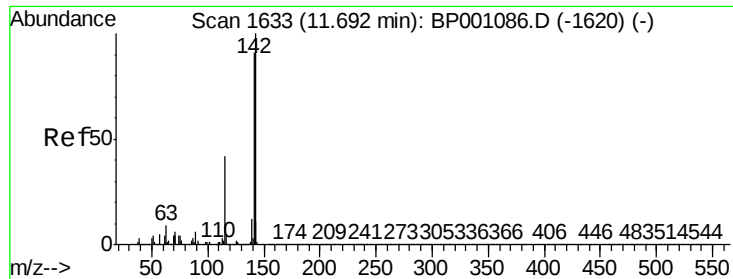
Tot Ion	Ratio	Lower	Upper
127	100		
129	80.9	25.6	38.4#
65	0.0	33.6	50.4#
92	0.0	19.8	29.6#



#37
2-Methylnaphthalene
Concen: 45.368 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.6	107.4
115	46.5	36.0	54.0

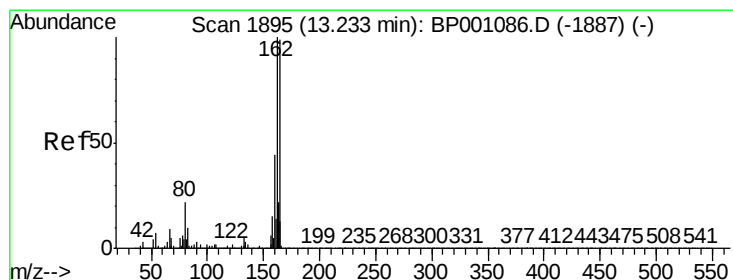
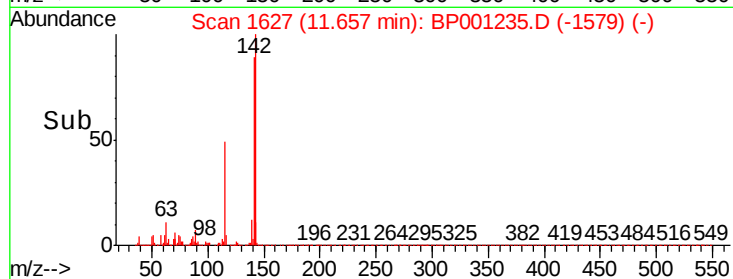
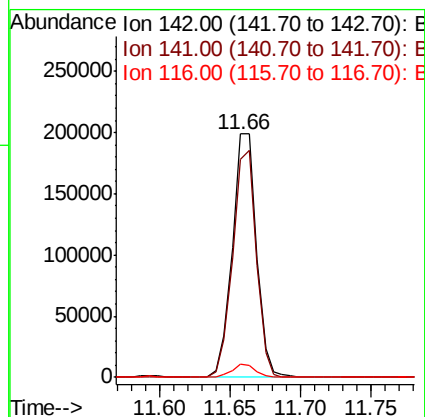
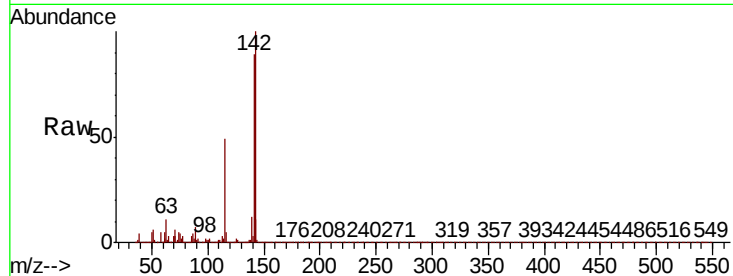




#38
1-Methylnaphthalene
Concen: 24.924 ng
RT: 11.66 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

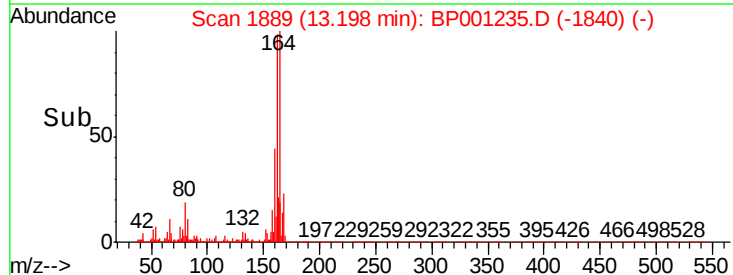
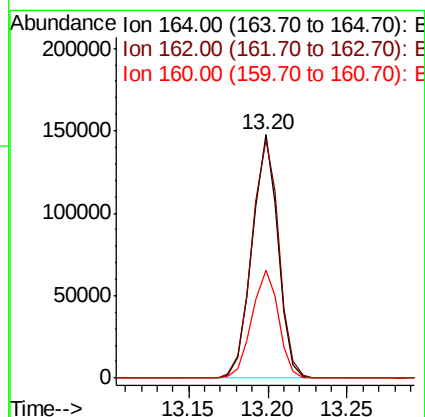
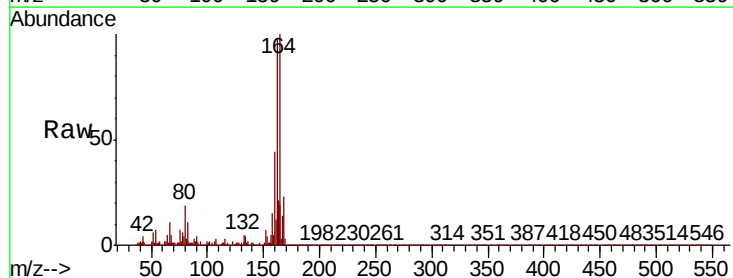
Instrument :
BNA_P
ClientSampleId :

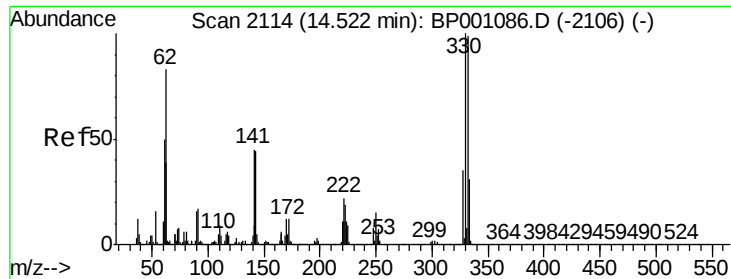
Tot Ion:142 Resp: 237313
Ion Ratio Lower Upper
142 100
141 89.4 72.7 109.1
116 5.5 3.8 5.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

Tgt Ion:164 Resp: 166533
Ion Ratio Lower Upper
164 100
162 98.2 80.7 121.1
160 44.3 36.3 54.5

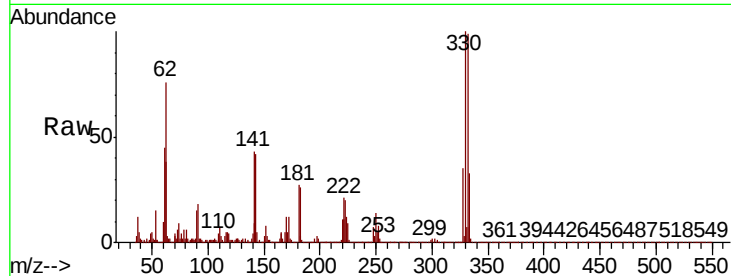




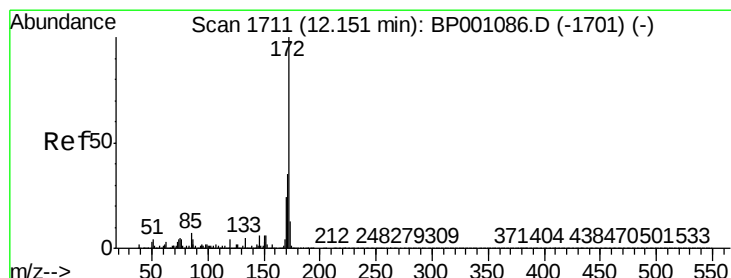
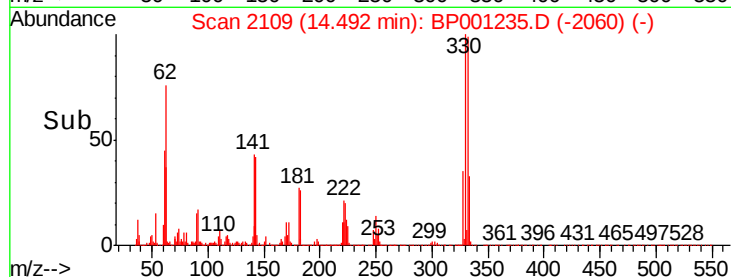
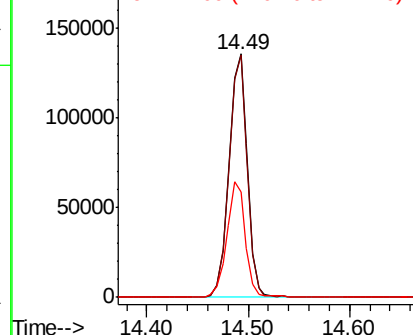
#42
2,4,6-Tribromophenol
Concen: 106.307 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 169690
Ion Ratio Lower Upper
330 100
332 98.5 79.1 118.7
141 47.4 35.9 53.9

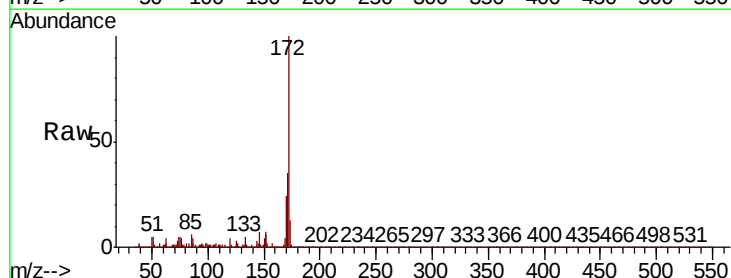


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

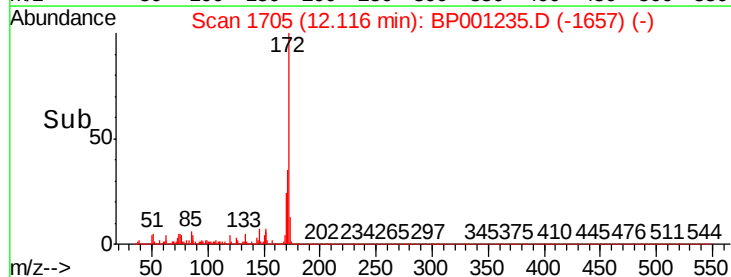
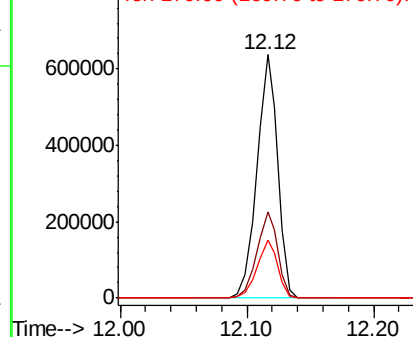


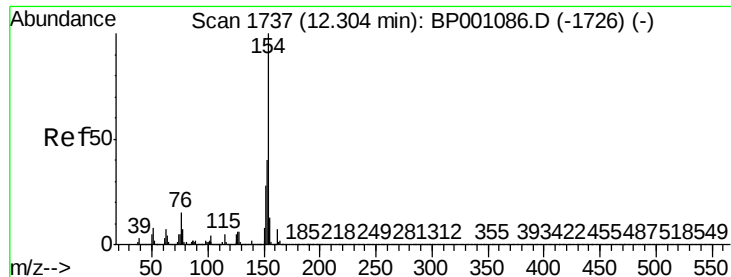
#45
2-Fluorobiphenyl
Concen: 64.088 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

Tgt Ion:172 Resp: 729221
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 24.0 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

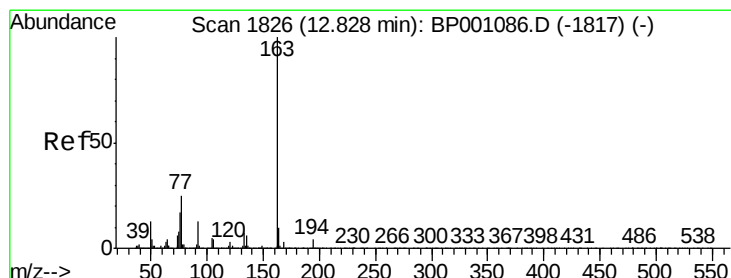
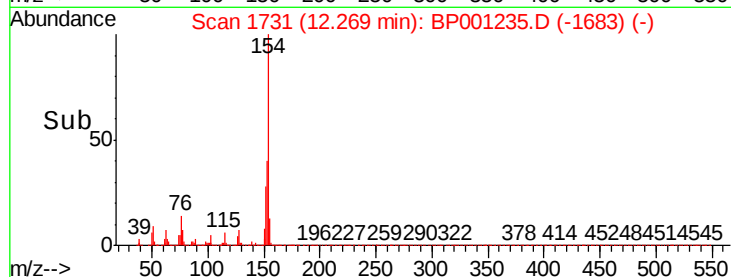
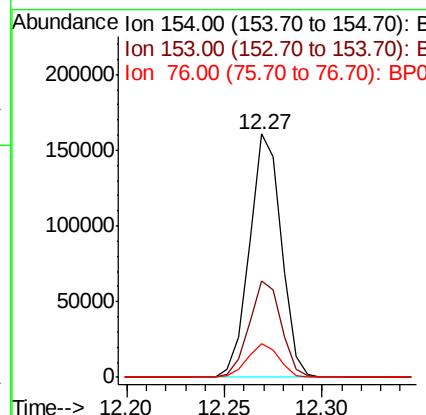
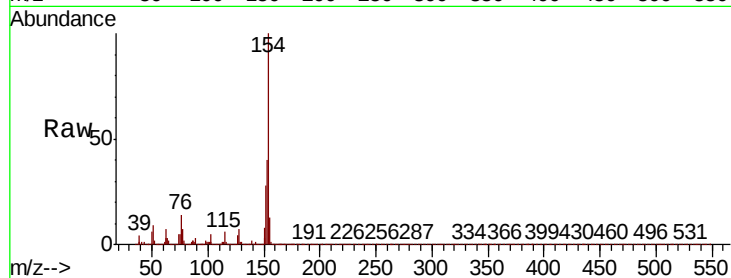




#46
 1,1'-Biphenyl
 Concen: 14.078 ng
 RT: 12.27 min Scan# 1731
 Delta R.T. -0.02 min
 Lab File: BP001235.D
 Acq: 06 Dec 2019 17:54

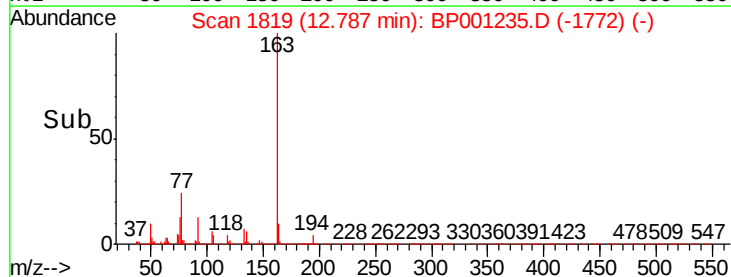
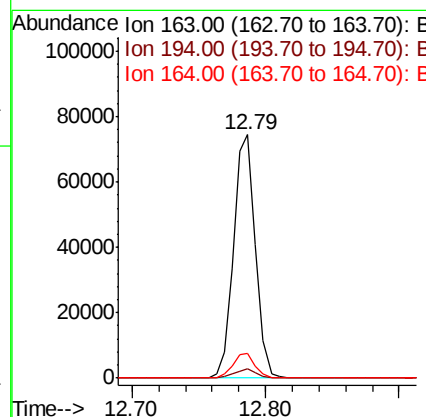
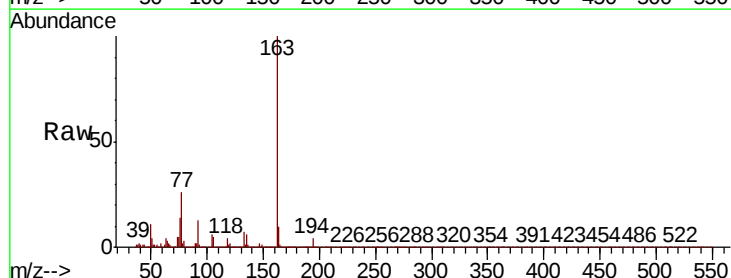
Instrument :
 BNA_P
 ClientSampleId :

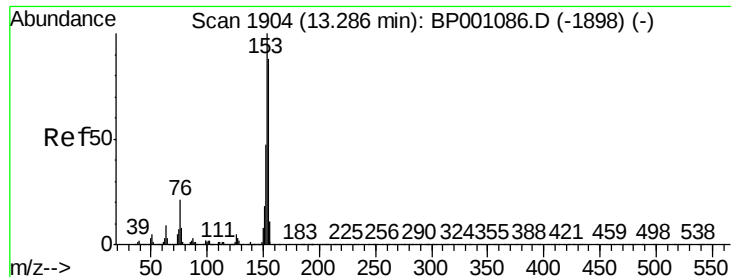
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.3	59.3
76	13.6	0.0	34.2



#50
 Dimethylphthalate
 Concen: 6.825 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BP001235.D
 Acq: 06 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.4	8.2	12.4





#52

Acenaphthene

Concen: 40.060 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

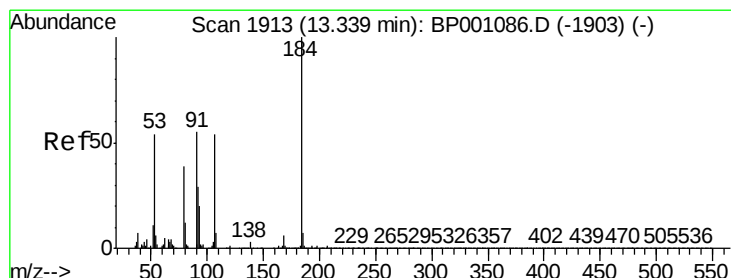
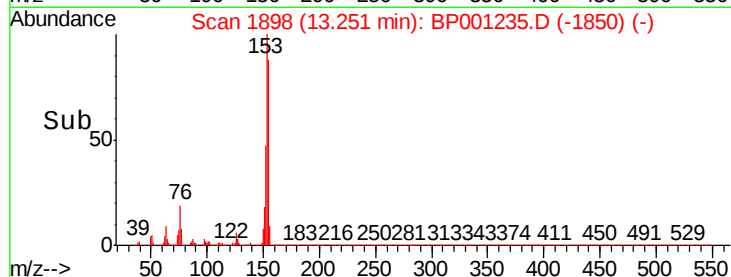
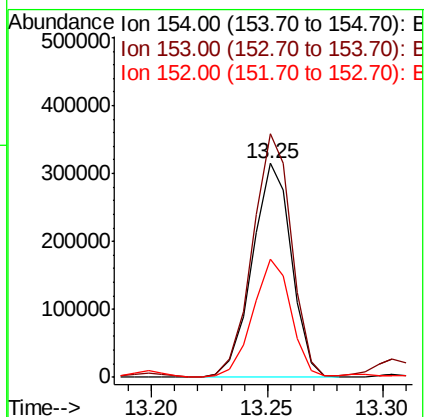
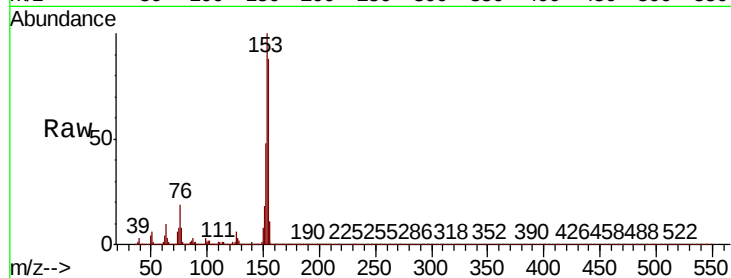
Tot Ion:154 Resp: 371344

Ion Ratio Lower Upper

154 100

153 113.8 90.3 135.5

152 55.2 42.9 64.3



#54

2,4-Dinitrophenol

Concen: 7.117 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

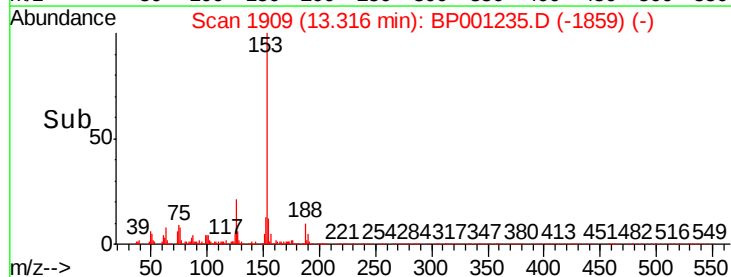
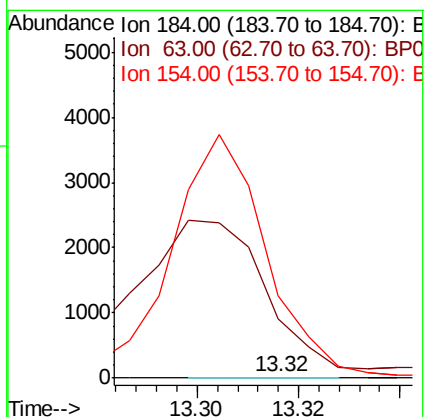
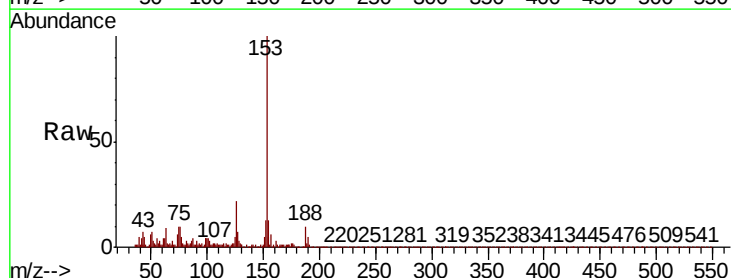
Tgt Ion:184 Resp: 10

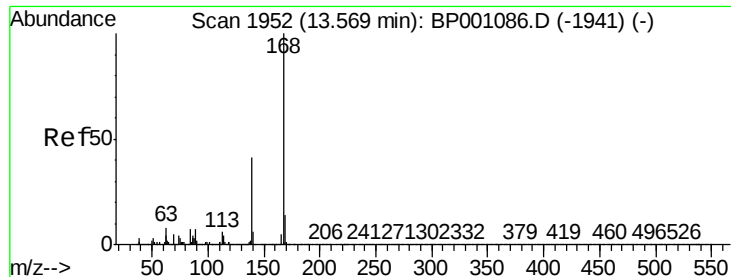
Ion Ratio Lower Upper

184 100

63 9060.0 69.4 104.0#

154 12560.0 57.4 86.2#





#55

Dibenzofuran

Concen: 38.722 ng

RT: 13.54 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

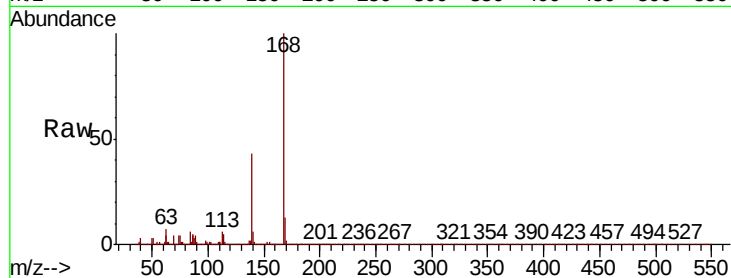
Tot Ion:168 Resp: 539373

Ion Ratio Lower Upper

168 100

139 42.6 34.5 51.7

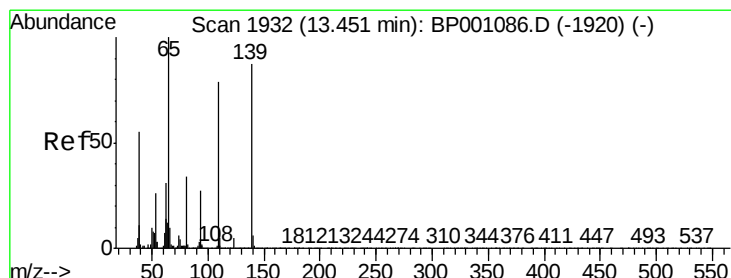
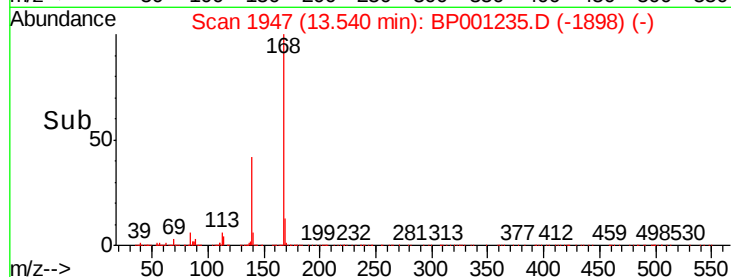
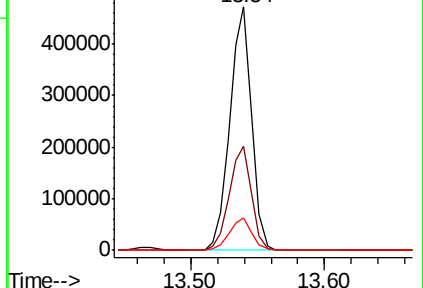
169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 110.822 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.10 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

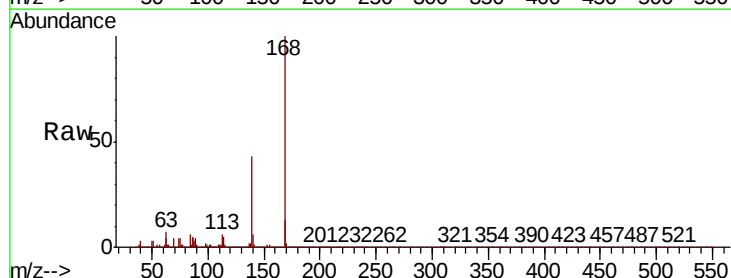
Tgt Ion:139 Resp: 235196

Ion Ratio Lower Upper

139 100

109 1.3 87.8 127.8#

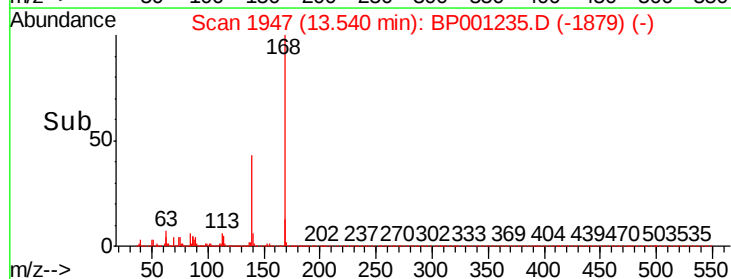
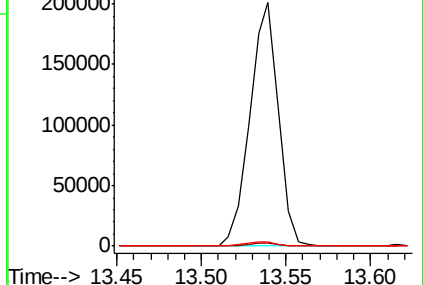
65 1.9 111.9 151.9#

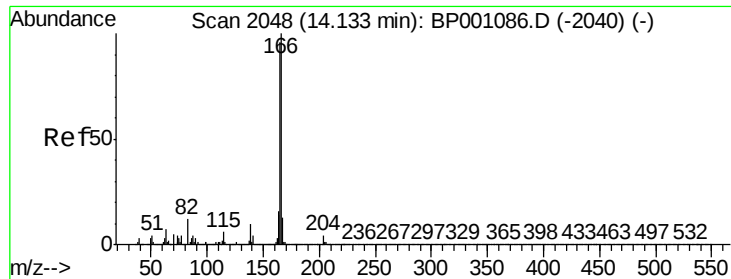


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





#58

Fluorene

Concen: 26.284 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.02 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

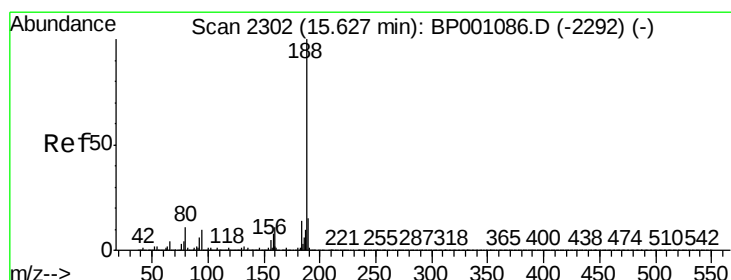
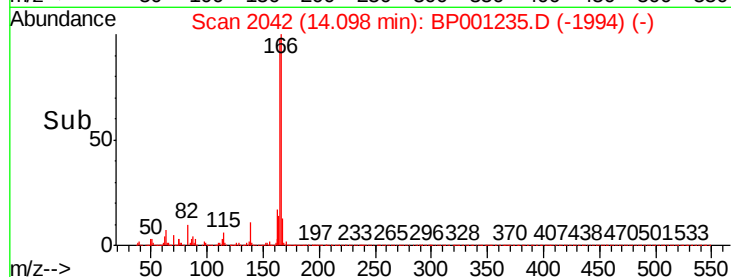
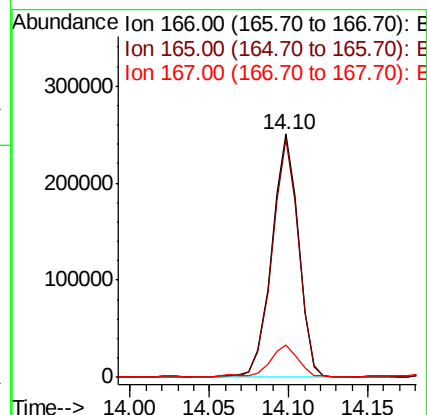
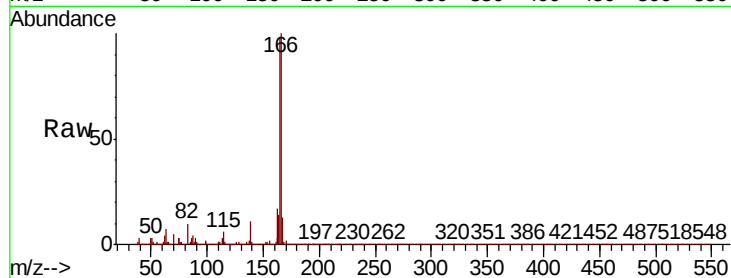
Tot Ion:166 Resp: 293370

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

167 13.5 10.5 15.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

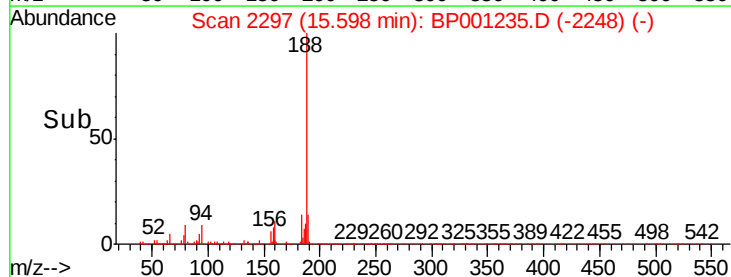
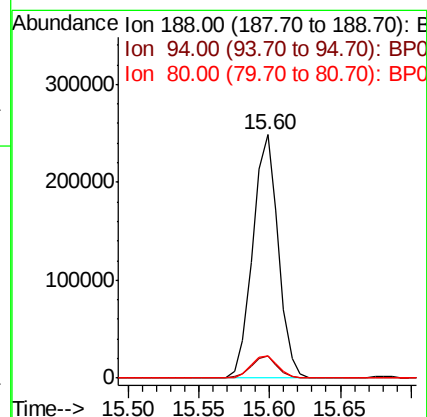
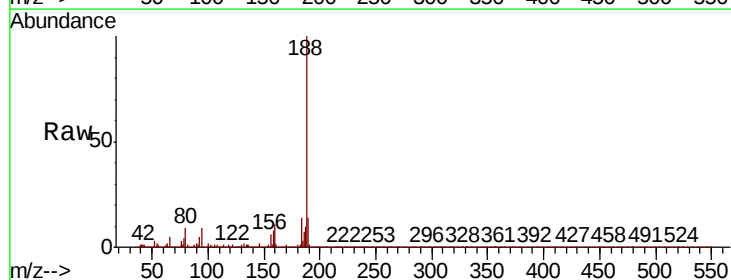
Tgt Ion:188 Resp: 315592

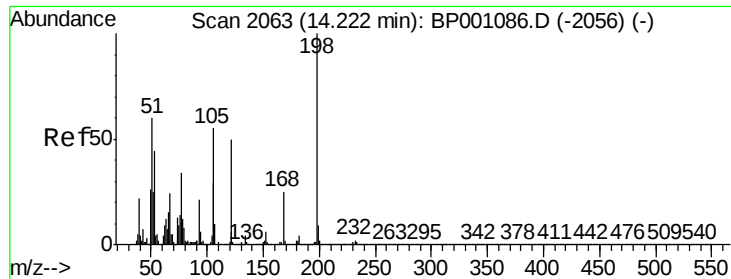
Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

80 9.3 7.8 11.6





#65

4,6-Dinitro-2-methylphenol

Concen: 6.296 ng

RT: 14.29 min Scan# 2074

Delta R.T. 0.08 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

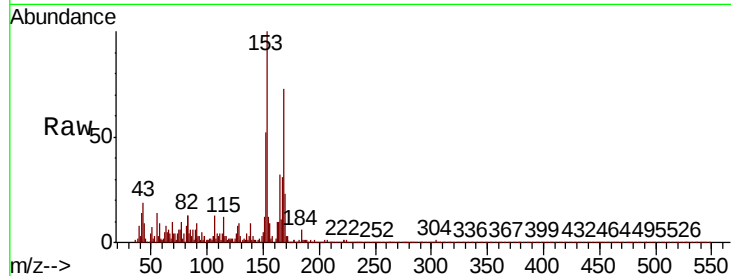
Tot Ion:198 Resp: 30

Ion Ratio Lower Upper

198 100

51 1618.2 36.2 76.2#

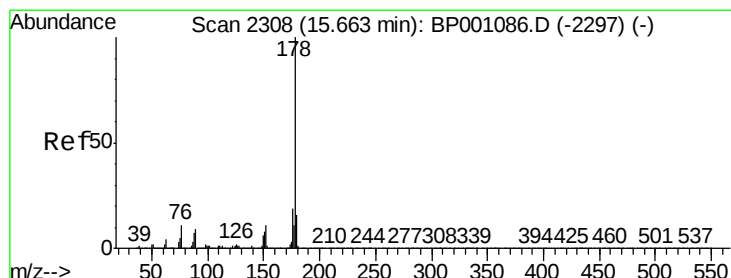
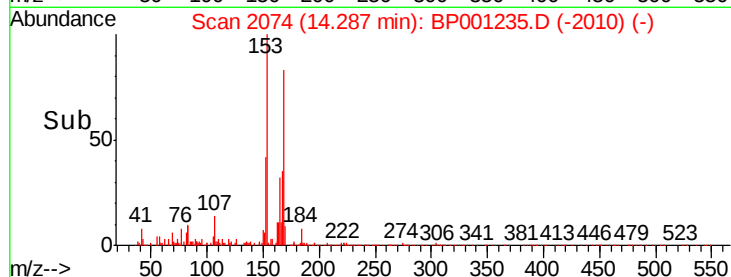
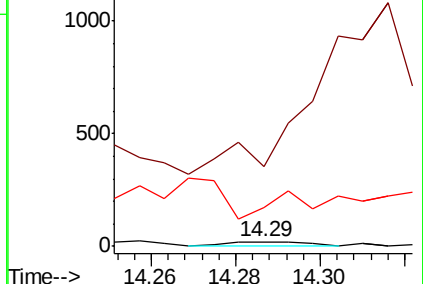
105 777.3 30.2 70.2#



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: 90.574 ng

RT: 15.64 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

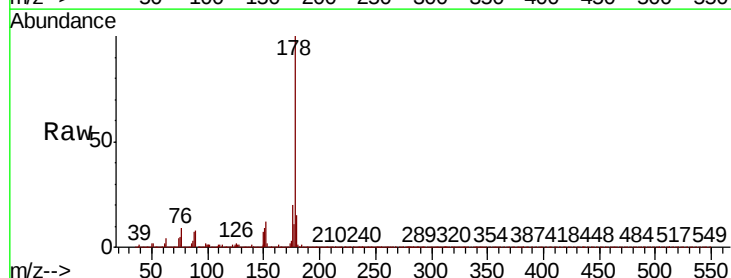
Tgt Ion:178 Resp: 1502776

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

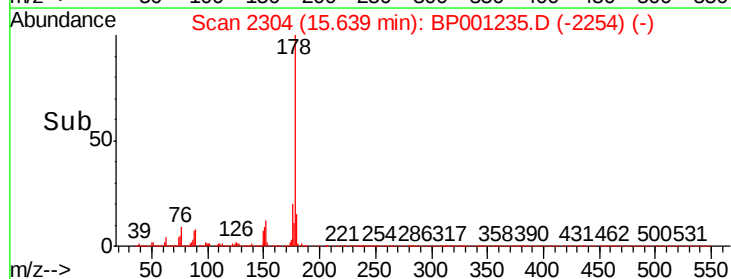
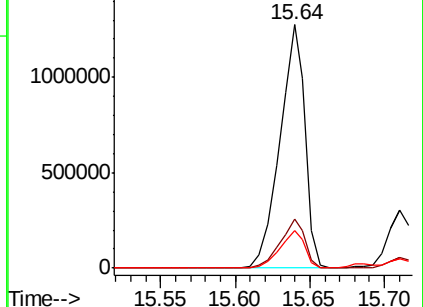
179 15.5 12.4 18.6

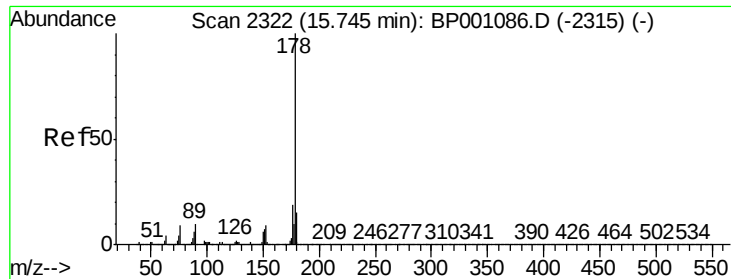


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 20.039 ng

RT: 15.71 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

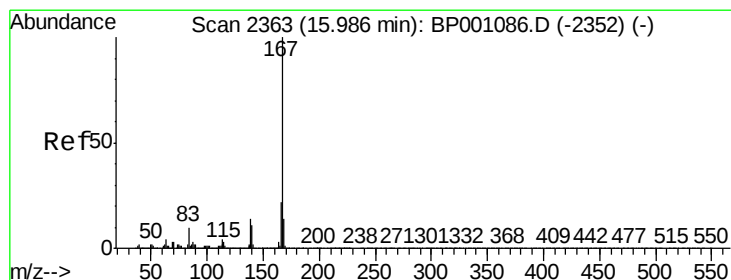
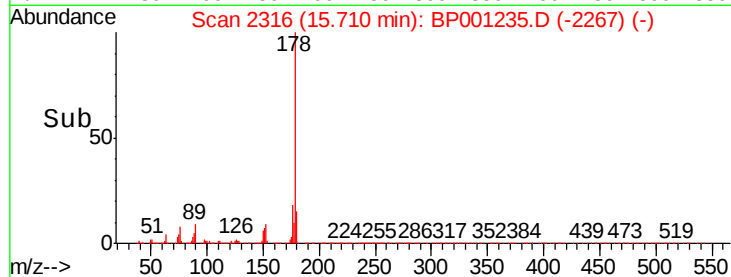
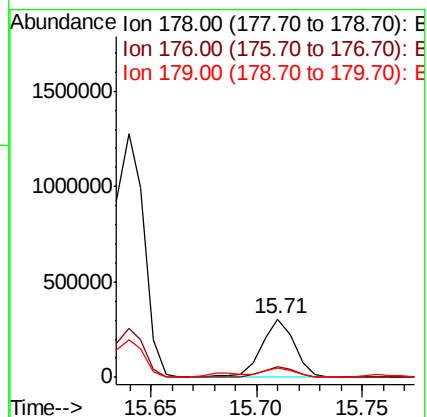
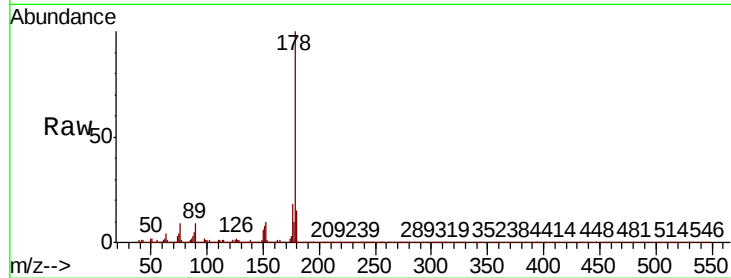
Tot Ion:178 Resp: 327705

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.5	12.7	19.1

178 100

176 18.4 15.1 22.7

179 15.5 12.7 19.1



#73

Carbazole

Concen: 9.123 ng

RT: 15.95 min Scan# 2357

Delta R.T. -0.02 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

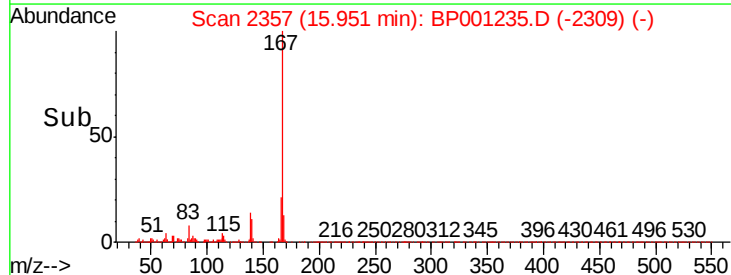
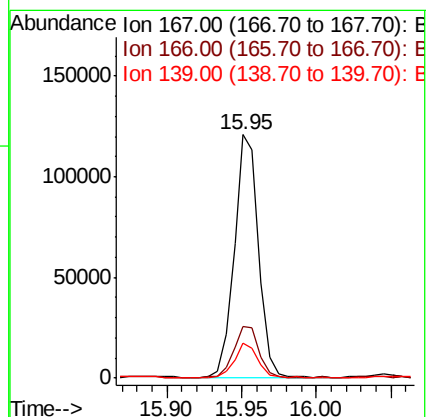
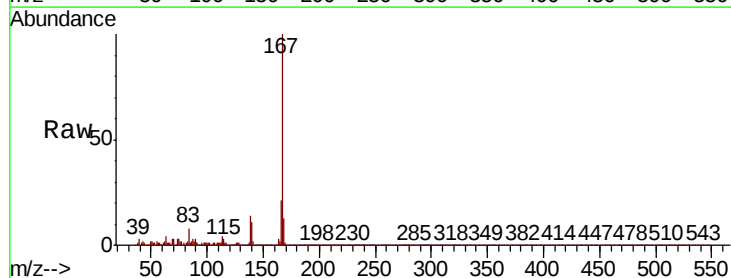
Tgt Ion:167 Resp: 135758

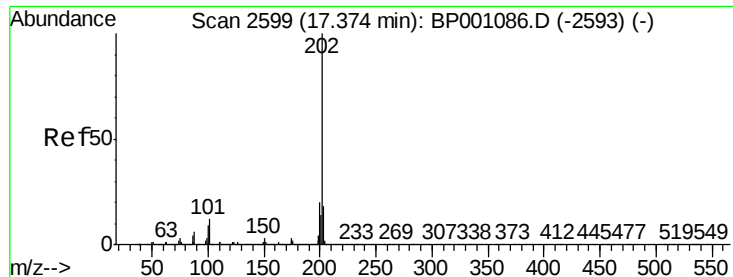
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	14.5	11.4	17.0

167 100

166 21.2 17.4 26.0

139 14.5 11.4 17.0





#75

Fluoranthene

Concen: 48.126 ng

RT: 17.35 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BP001235.D

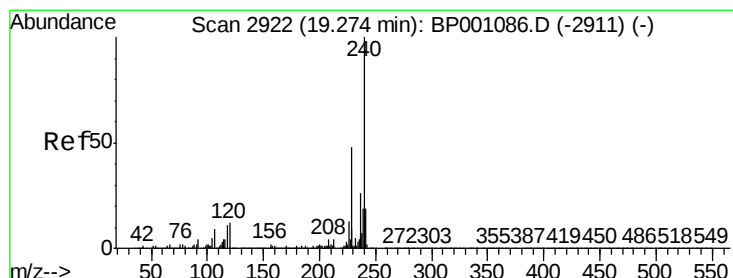
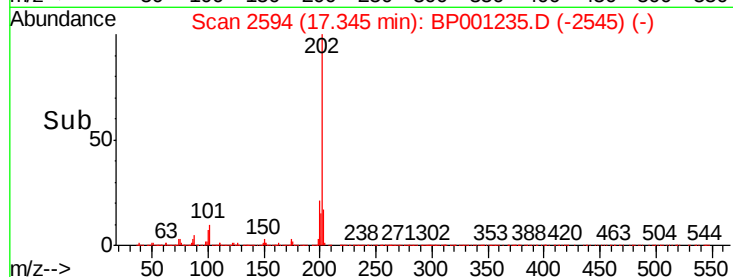
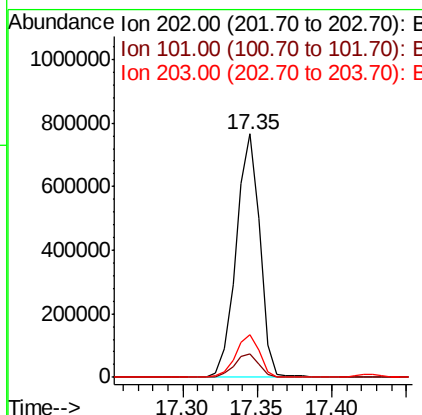
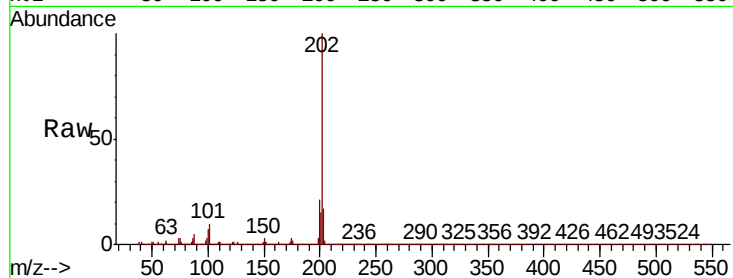
Acq: 06 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	845337
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.0
203	17.4	0.0	37.1



#76

Chrysene-d12

Concen: 20.000 ng

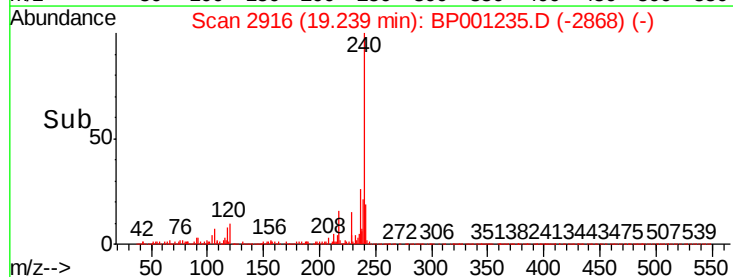
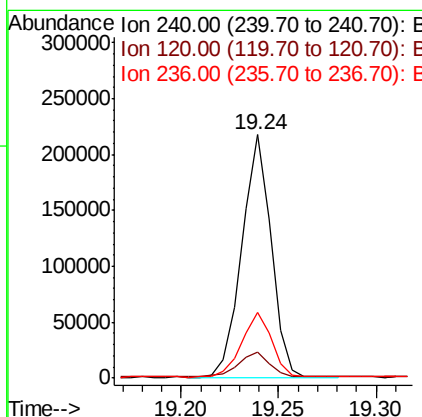
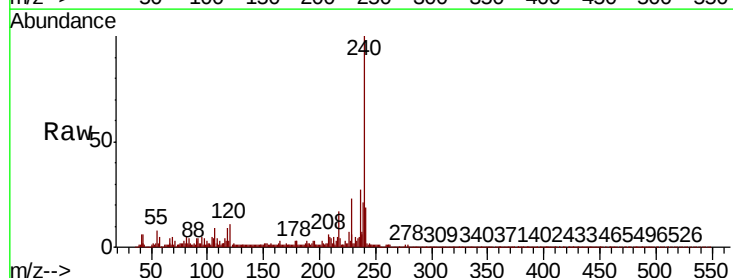
RT: 19.24 min Scan# 2916

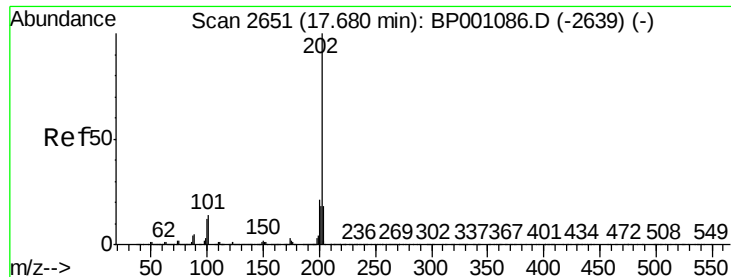
Delta R.T. -0.02 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

Tgt Ion:	240	Resp:	225282
Ion Ratio	Lower	Upper	
240	100		
120	10.9	7.0	10.6#
236	26.9	21.7	32.5

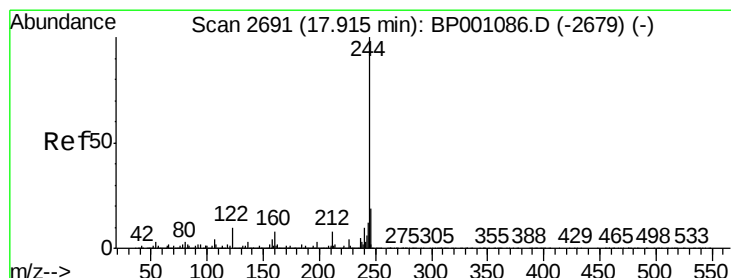
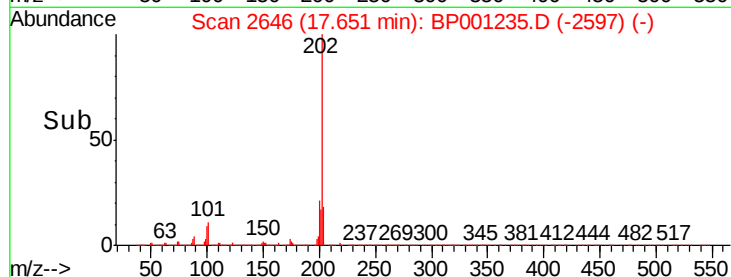
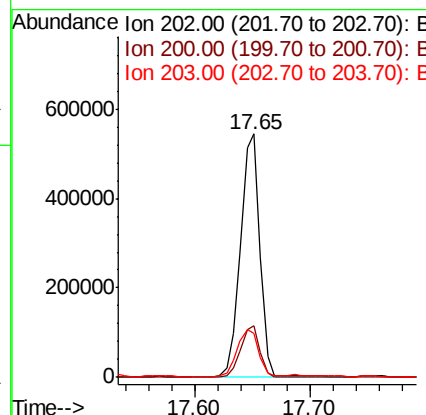
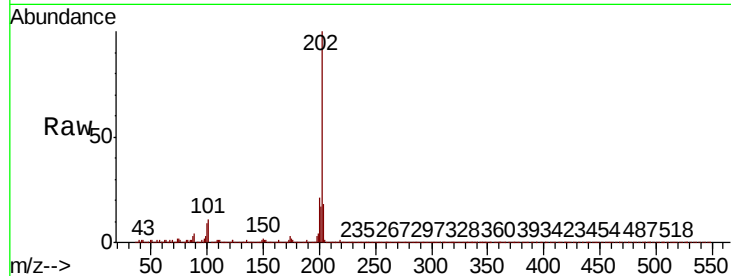




#78
Pvrene
Concen: 35.616 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.01 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

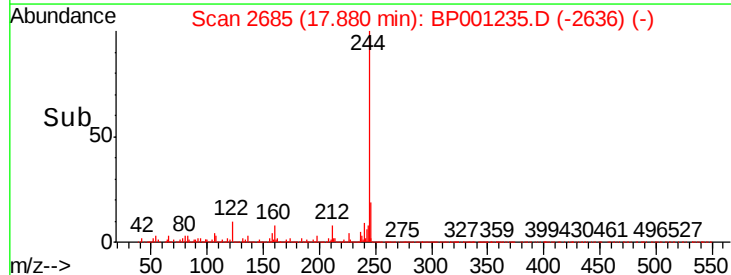
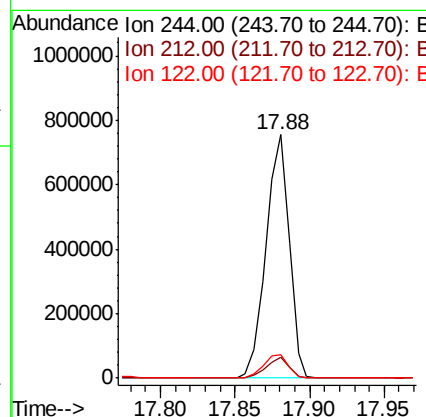
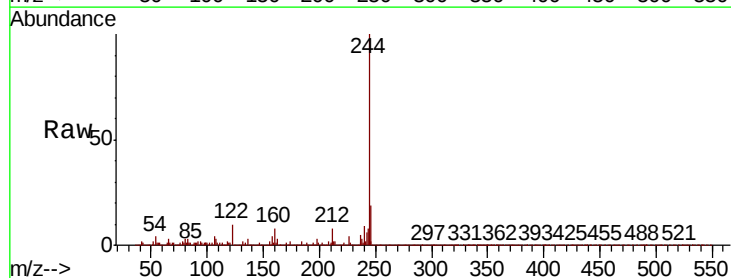
Instrument :
BNA_P
ClientSampleId :

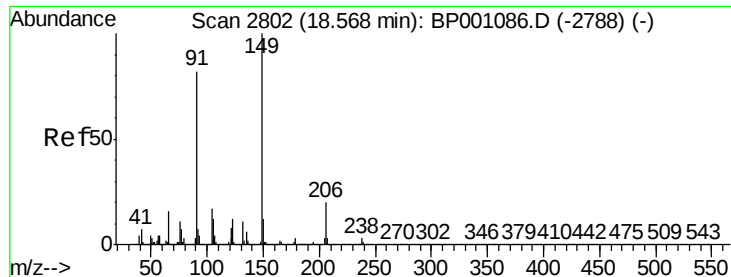
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.3	25.9
203	18.1	13.8	20.8



#79
Terphenyl-d14
Concen: 66.111 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	9.7	9.2	13.8

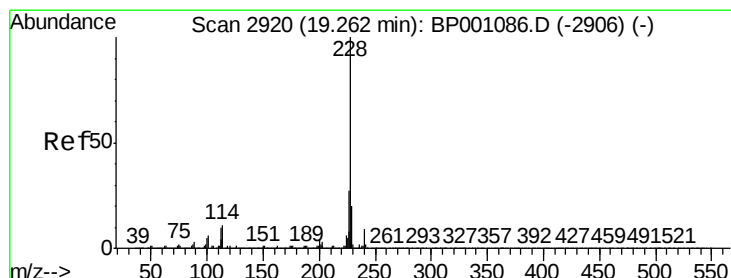
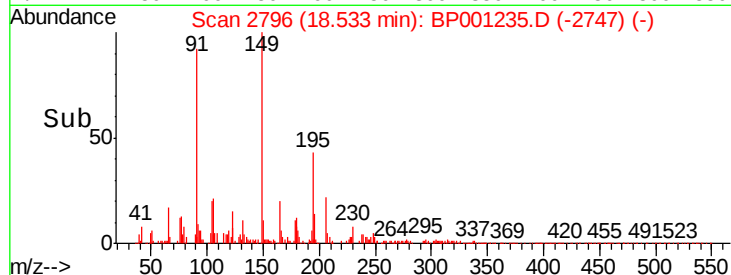
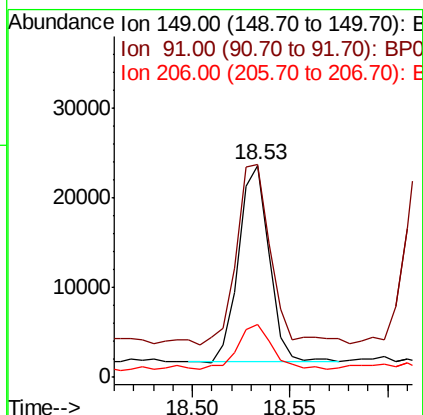
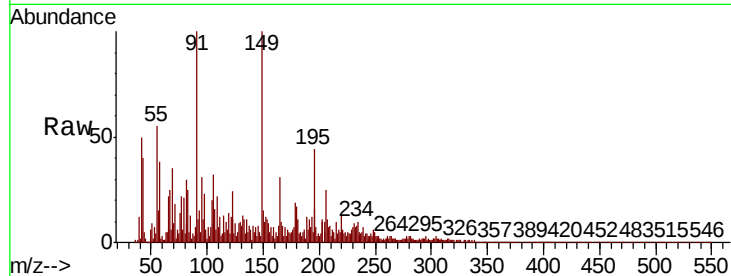




#80
Butylbenzylphthalate
Concen: 2.887 ng
RT: 18.53 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

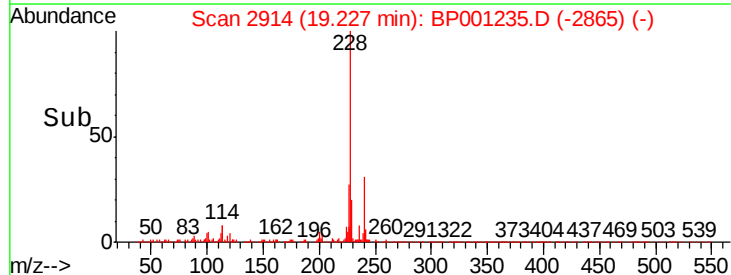
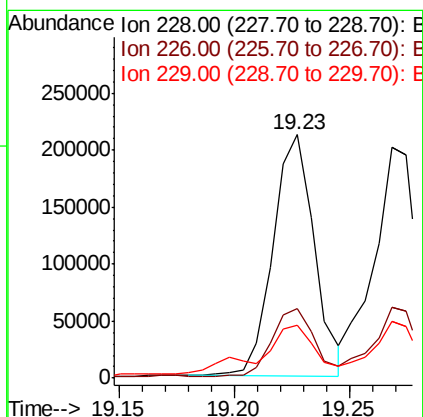
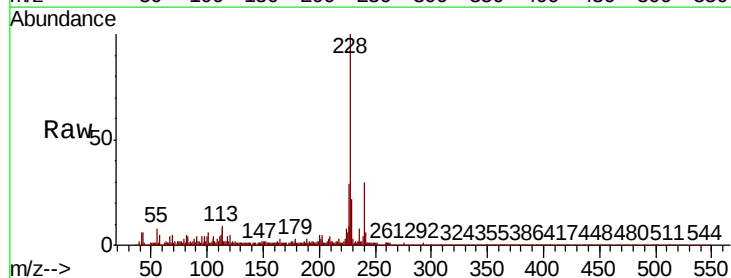
Instrument :
BNA_P
ClientSampleId :

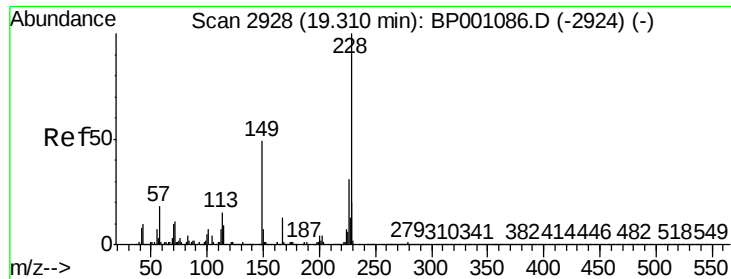
Tot Ion:149 Resp: 23657
Ion Ratio Lower Upper
149 100
91 100.1 67.4 101.2
206 24.7 15.0 22.4#



#81
Benzo(a)anthracene
Concen: 16.822 ng
RT: 19.23 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

Tgt Ion:228 Resp: 262752
Ion Ratio Lower Upper
228 100
226 28.7 21.7 32.5
229 21.7 15.8 23.6

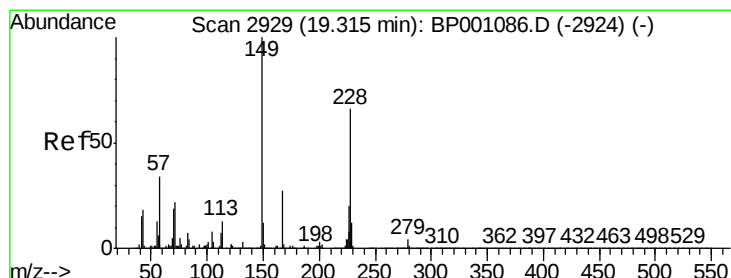
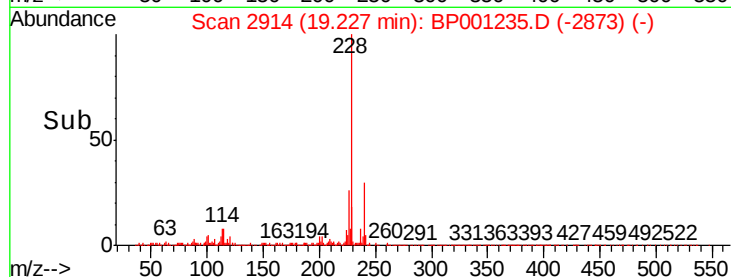
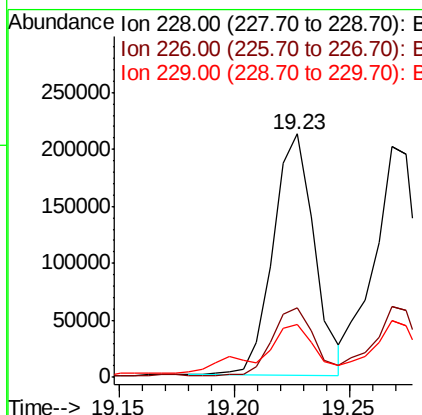
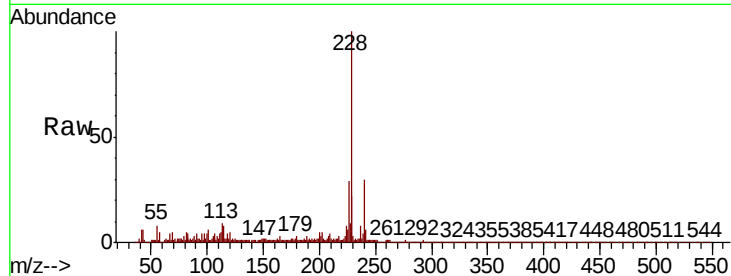




#83
 Chrysene
 Concen: 18.786 ng
 RT: 19.23 min Scan# 2914
 Delta R.T. -0.06 min
 Lab File: BP001235.D
 Acq: 06 Dec 2019 17:54

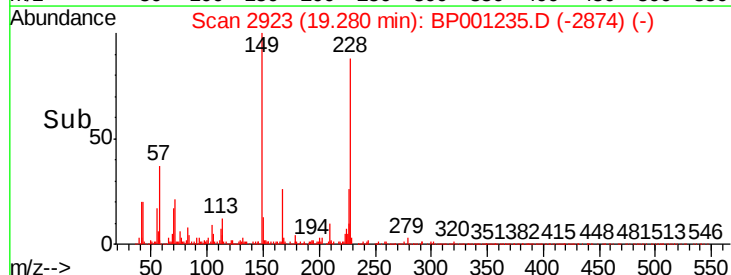
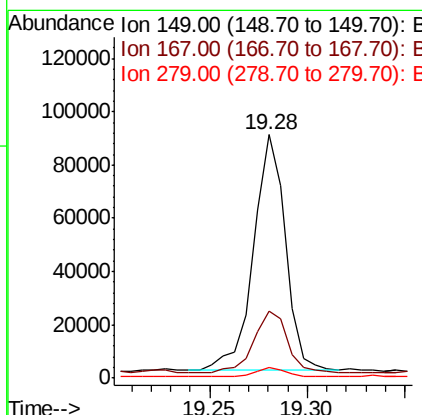
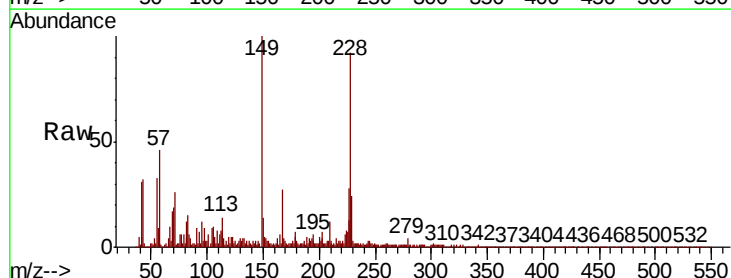
Instrument :
 BNA_P
 ClientSampleId :

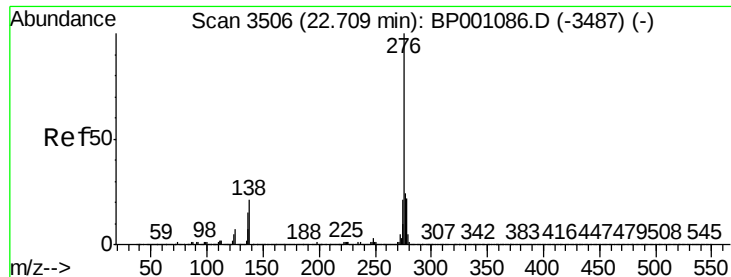
Tot Ion:228 Resp: 262752
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.7 35.5
 229 21.7 15.2 22.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.926 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BP001235.D
 Acq: 06 Dec 2019 17:54

Tgt Ion:149 Resp: 100578
 Ion Ratio Lower Upper
 149 100
 167 27.5 20.8 31.2
 279 4.2 2.8 4.2#

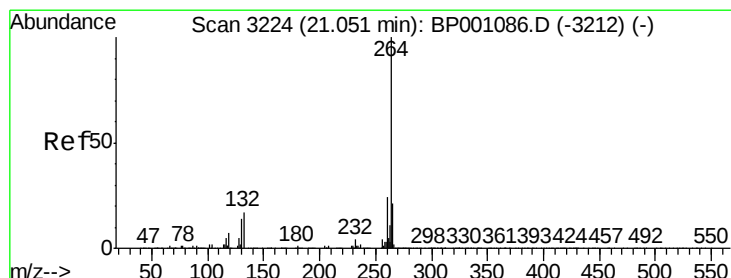
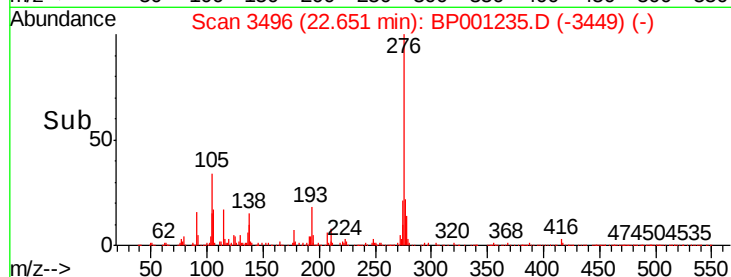
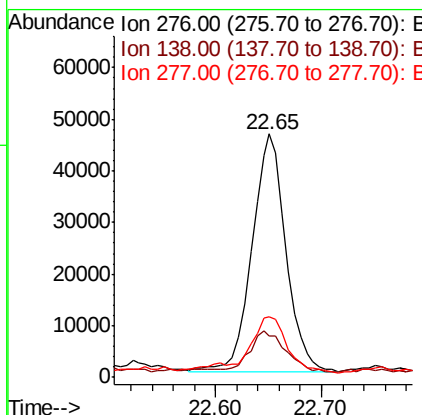
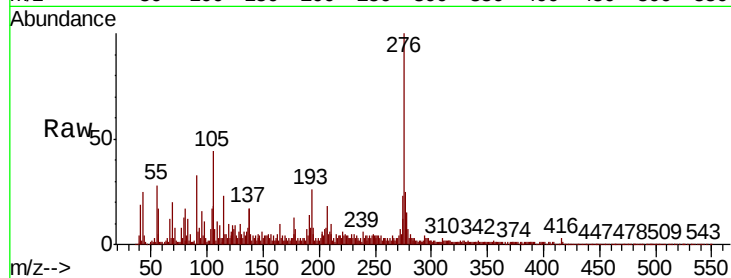




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 6.178 ng
 RT: 22.65 min Scan# 3496
 Delta R.T. -0.02 min
 Lab File: BP001235.D
 Acq: 06 Dec 2019 17:54

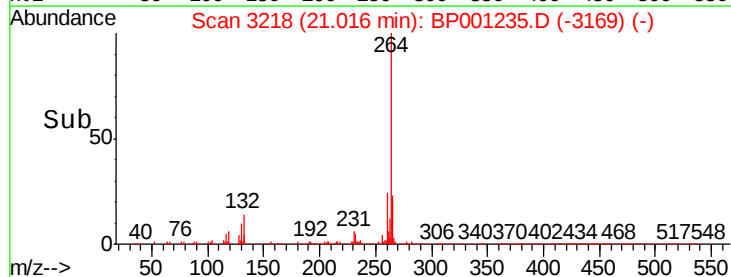
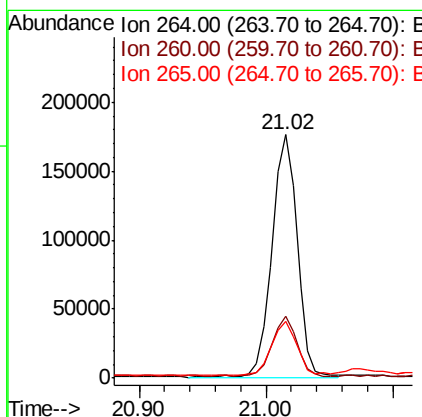
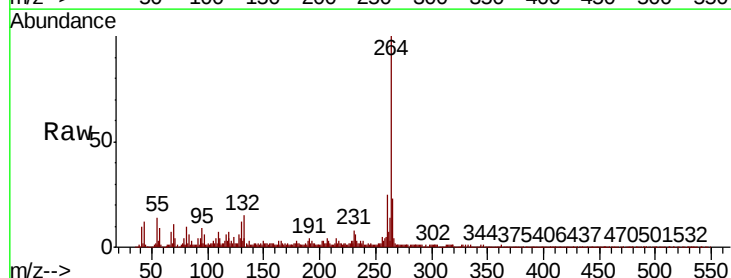
Instrument :
 BNA_P
 ClientSampleId :

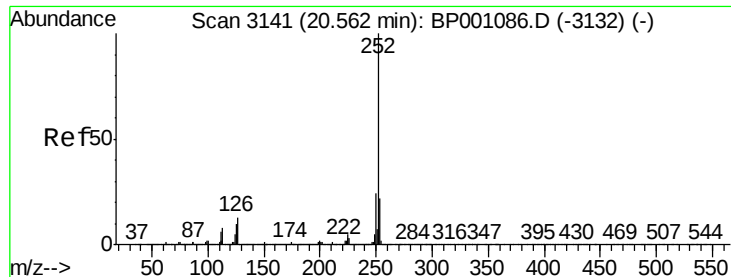
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	17.9	26.9
277	25.3	20.1	30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BP001235.D
 Acq: 06 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.0
265	23.4	17.1	25.7

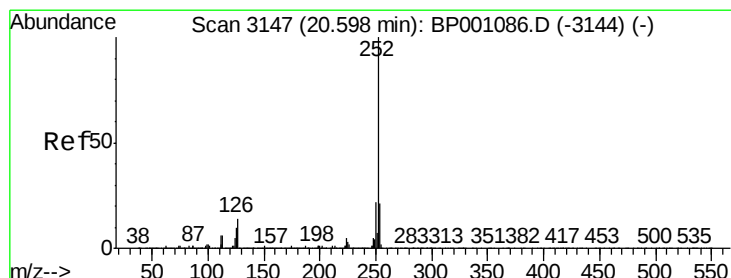
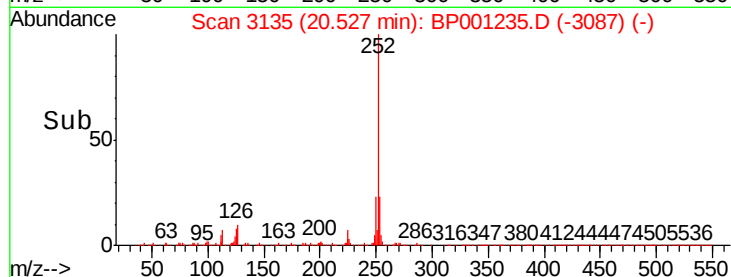
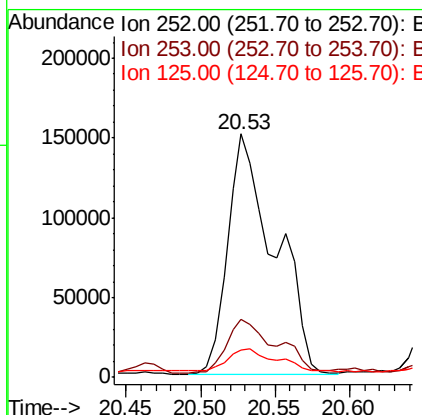
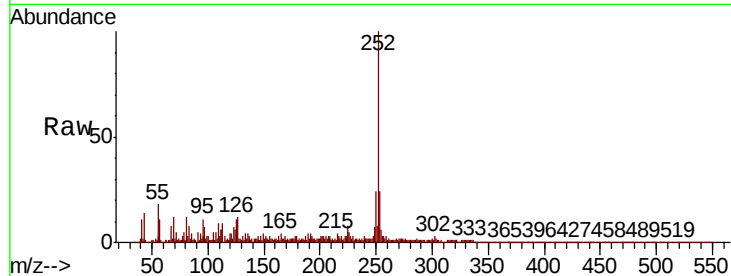




#88
Benzo(b)fluoranthene
Concen: 22.275 ng
RT: 20.53 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

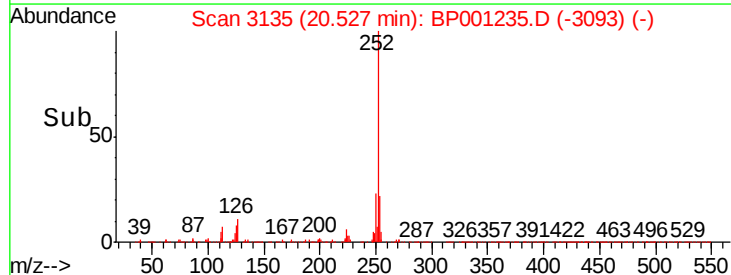
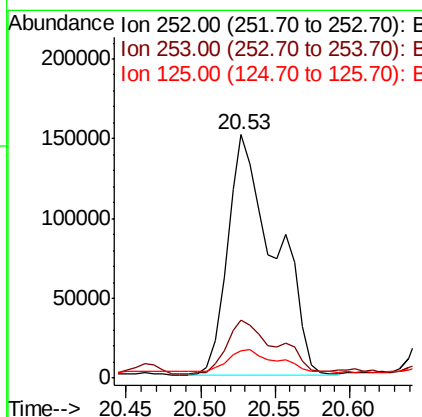
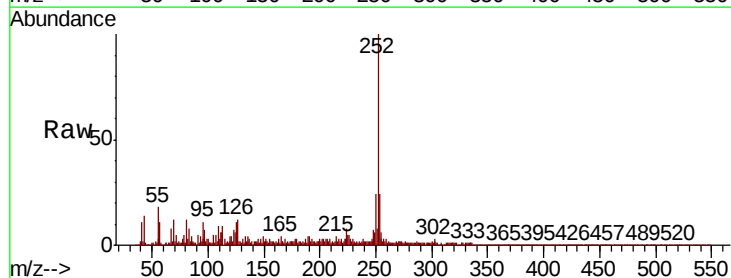
Instrument :
BNA_P
ClientSampleId :

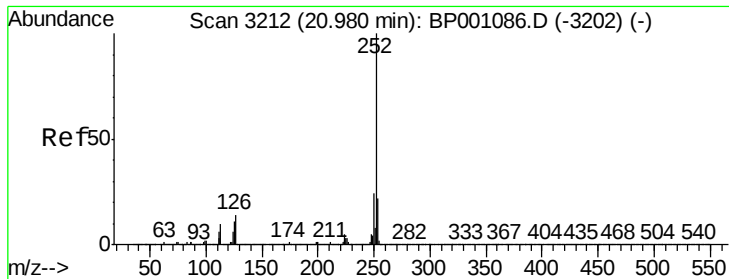
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	11.0	6.6	9.8#



#89
Benzo(k)fluoranthene
Concen: 23.128 ng
RT: 20.53 min Scan# 3135
Delta R.T. -0.05 min
Lab File: BP001235.D
Acq: 06 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	11.0	6.2	9.4#





#90

Benzo(a)pyrene

Concen: 12.417 ng

RT: 20.94 min Scan# 3205

Delta R.T. -0.02 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

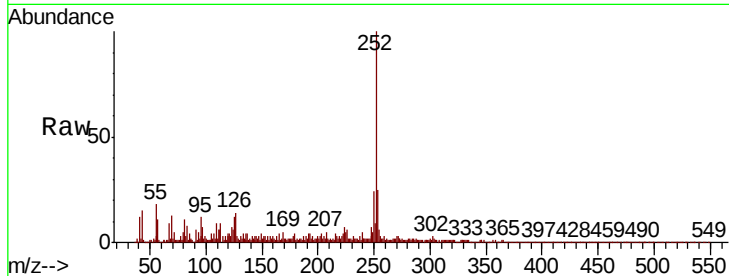
Tot Ion:252 Resp: 169585

Ion Ratio Lower Upper

252 100

253 25.2 16.8 25.2

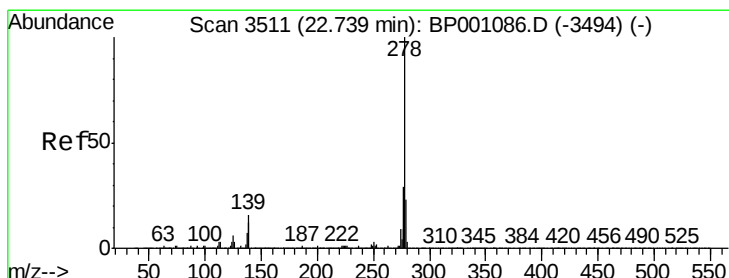
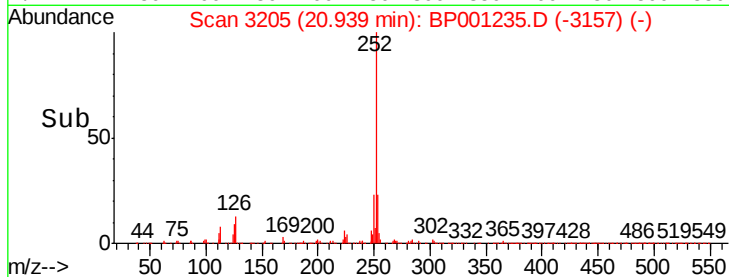
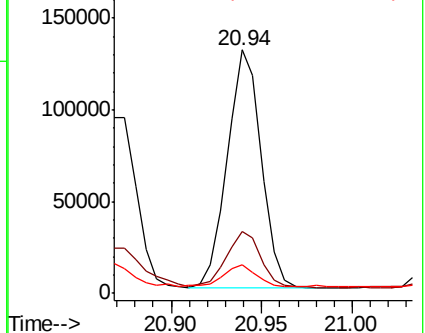
125 11.5 7.8 11.6



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: 2.019 ng

RT: 22.67 min Scan# 3500

Delta R.T. -0.03 min

Lab File: BP001235.D

Acq: 06 Dec 2019 17:54

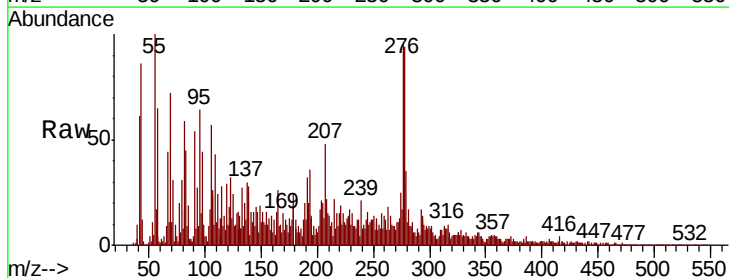
Tgt Ion:278 Resp: 26991

Ion Ratio Lower Upper

278 100

139 26.9 11.6 17.4#

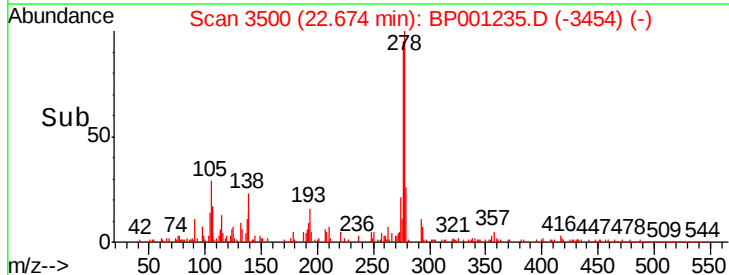
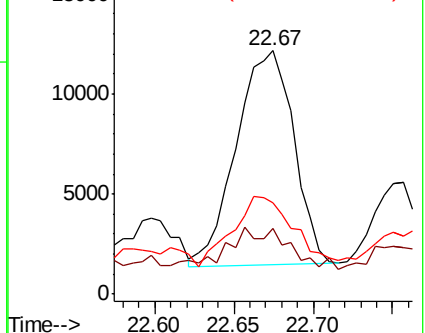
279 37.7 18.7 28.1#

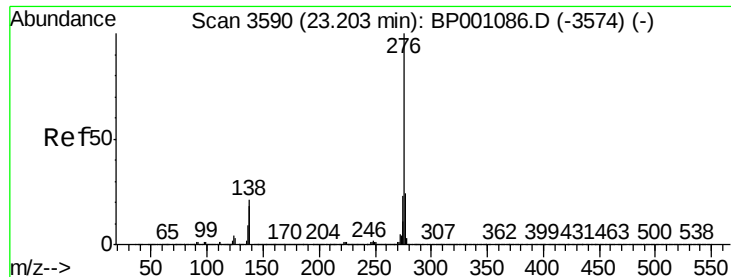


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 7.000 ng
 RT: 23.14 min Scan# 3579
 Delta R.T. -0.03 min
 Lab File: BP001235.D
 Acq: 06 Dec 2019 17:54

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	18.7	15.6	23.4

