

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
 Data File : BP008106.D
 Acq On : 23 Nov 2021 20:43
 Operator : CG/JU
 Sample : M4782-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-02-111921

Quant Time: Nov 24 00:08:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

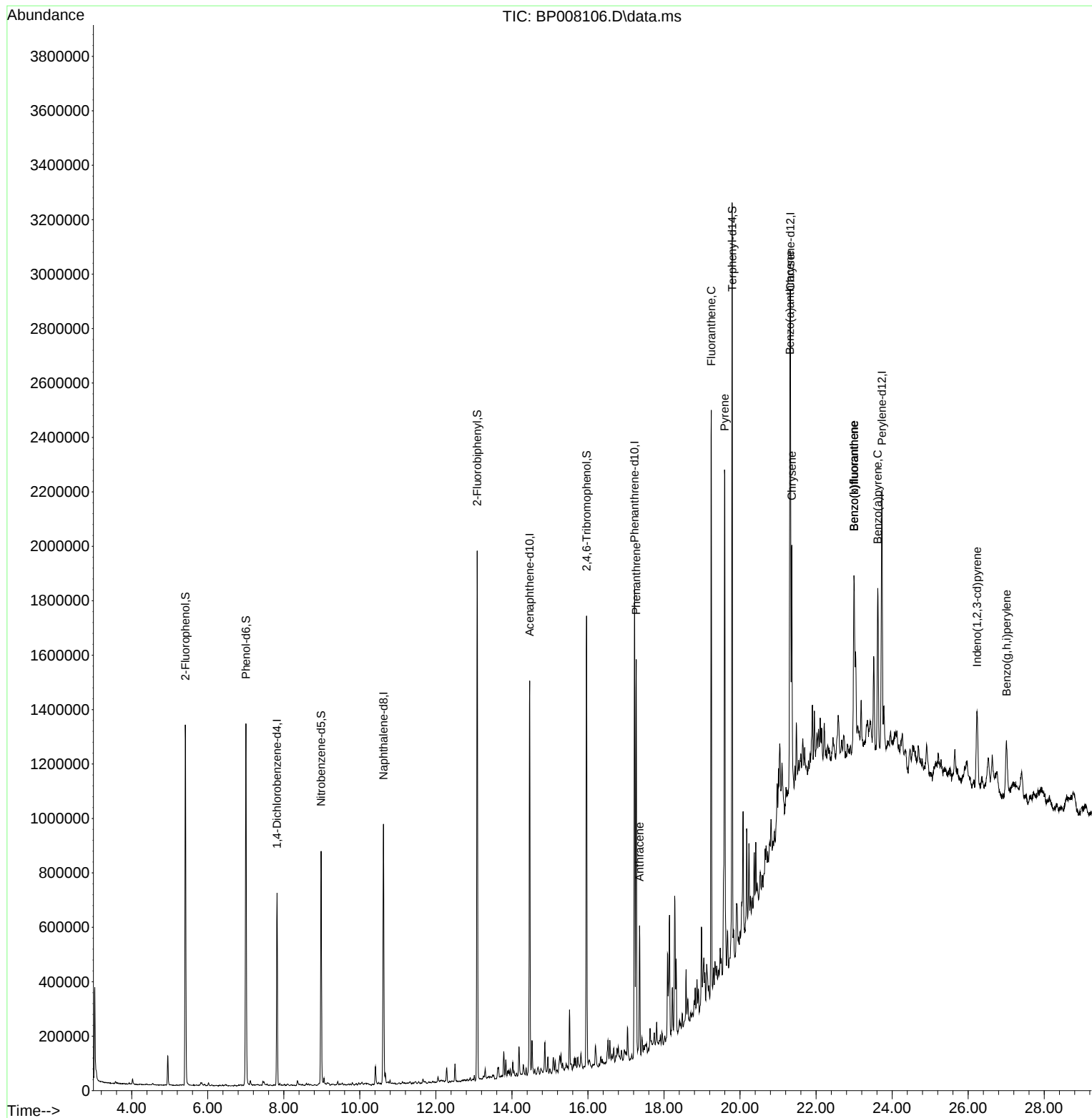
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	186030	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	737753	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	496727	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1034994	20.000	ng	0.00
76) Chrysene-d12	21.327	240	776623	20.000	ng	0.00
86) Perylene-d12	23.733	264	793716	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	549901	50.525	ng	0.00
7) Phenol-d6	7.005	99	734902	48.712	ng	0.00
23) Nitrobenzene-d5	8.981	82	498303	30.641	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	297763	47.368	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	999112	31.495	ng	0.00
79) Terphenyl-d14	19.792	244	1297424	32.845	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.928	77	305	Below Cal	#	44
58) Fluorene	15.516	166	88222	Below Cal		98
61) 4-Chlorophenyl-phenyle...	15.528	204	166	Below Cal	#	1
71) Phenanthrene	17.269	178	892506	16.004	ng	99
72) Anthracene	17.357	178	288184	5.220	ng	99
75) Fluoranthene	19.245	202	1258653	17.511	ng	99
78) Pyrene	19.598	202	1214376	23.027	ng	100
81) Benzo(a)anthracene	21.310	228	595757	11.438	ng	97
82) 3,3'-Dichlorobenzidine	21.257	252	1026	Below Cal	#	54
83) Chrysene	21.363	228	516286	10.446	ng	98
87) Indeno(1,2,3-cd)pyrene	26.233	276	284067	5.158	ng	96
88) Benzo(b)fluoranthene	22.998	252	567669	11.439	ng	# 94
89) Benzo(k)fluoranthene	22.998	252	567669	11.497	ng	# 94
90) Benzo(a)pyrene	23.621	252	461006	11.084	ng	96
92) Benzo(g,h,i)perylene	27.009	276	283561	6.314	ng	95

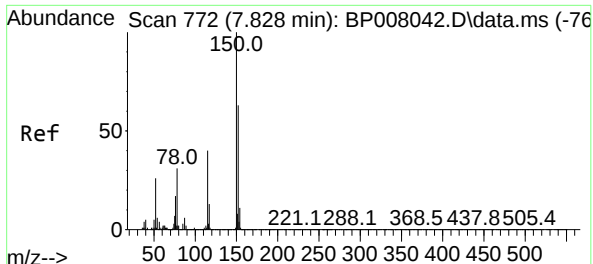
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008106.D
Acq On : 23 Nov 2021 20:43
Operator : CG/JU
Sample : M4782-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-111921

Quant Time: Nov 24 00:08:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

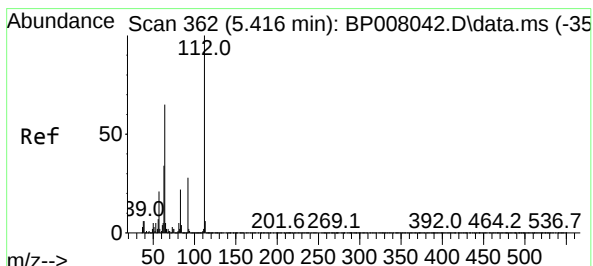
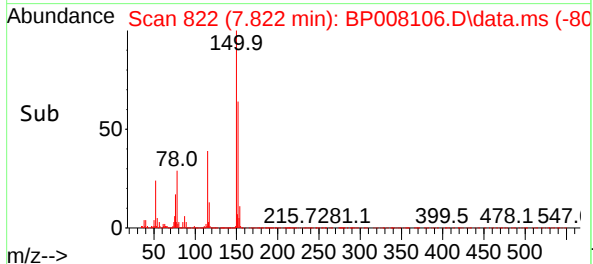
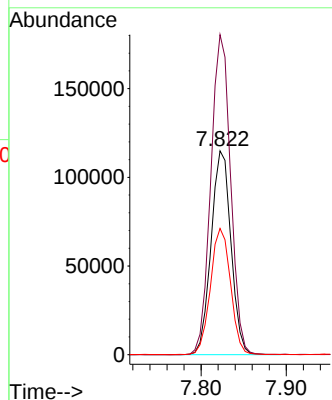
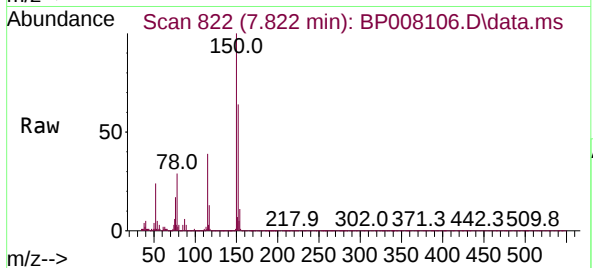




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

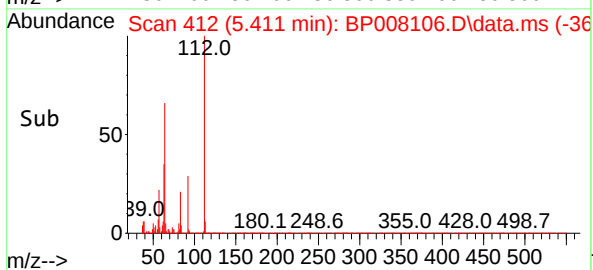
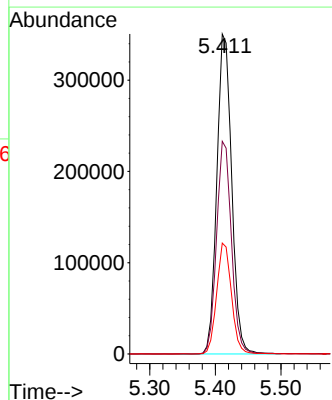
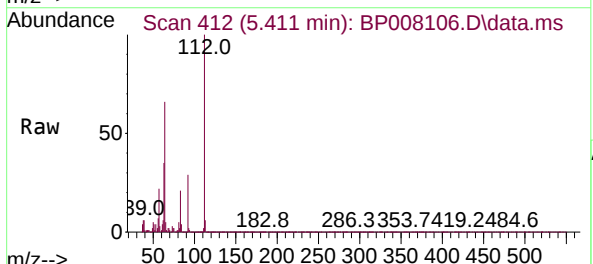
Instrument :
BNA_P
ClientSampleId :
CL-02-111921

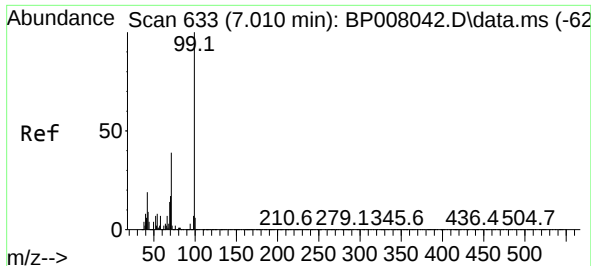
Tgt Ion:152 Resp: 186030
Ion Ratio Lower Upper
152 100
150 157.0 126.5 189.7
115 62.0 50.6 75.8



#5
2-Fluorophenol
Concen: 50.525 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.005 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:112 Resp: 549901
Ion Ratio Lower Upper
112 100
64 66.4 51.7 77.5
63 34.7 27.4 41.0

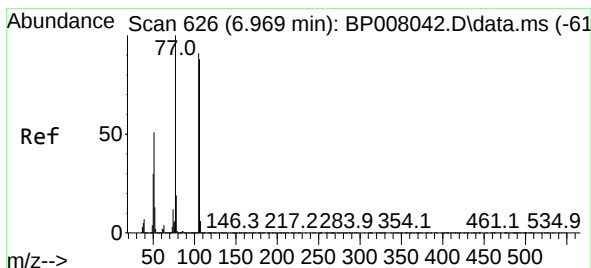
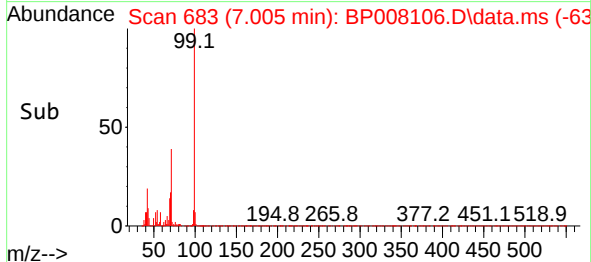
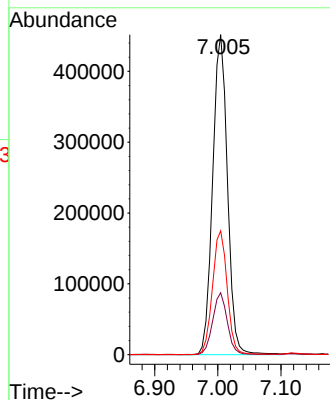
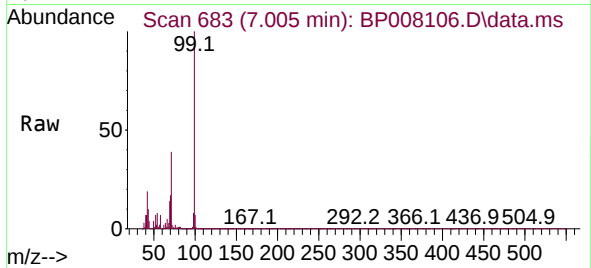




#7
Phenol-d6
Concen: 48.712 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

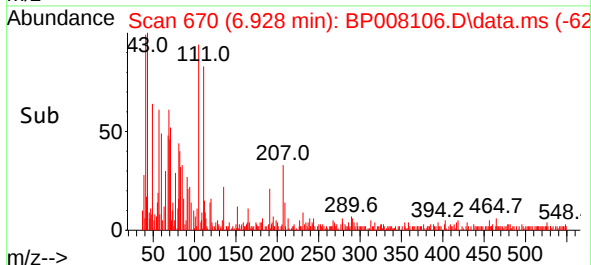
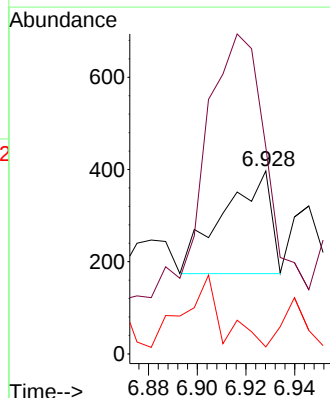
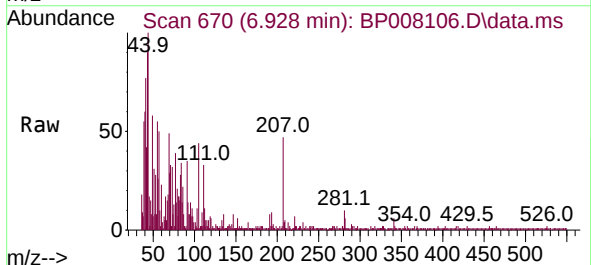
Instrument :
BNA_P
ClientSampleId :
CL-02-111921

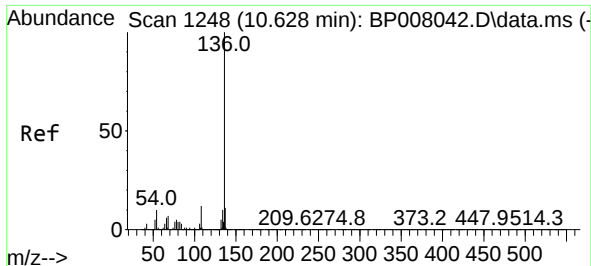
Tgt Ion:	99	Resp:	734902
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.4	23.2
71	38.7	31.0	46.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.928 min Scan# 670
Delta R.T. -0.041 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:	77	Resp:	305
Ion	Ratio	Lower	Upper
77	100		
105	113.1	71.5	111.5#
106	3.8	67.9	107.9#



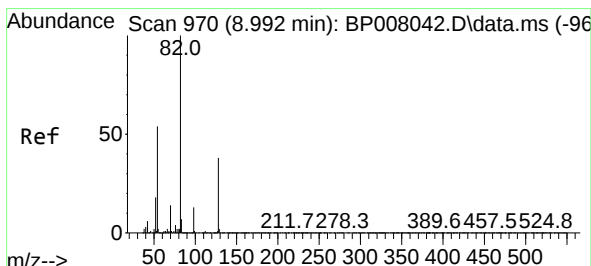
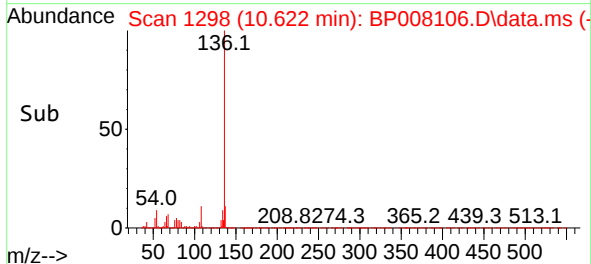
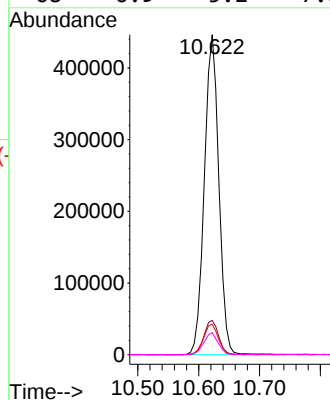
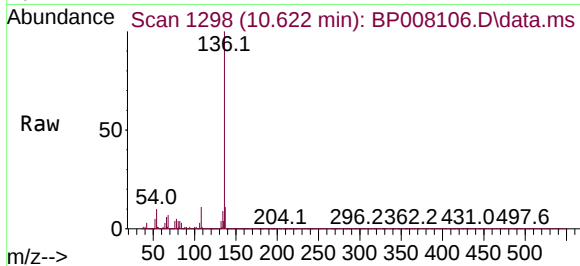


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Instrument :
BNA_P
ClientSampleId :
CL-02-111921

Tgt Ion:136 Resp: 737753

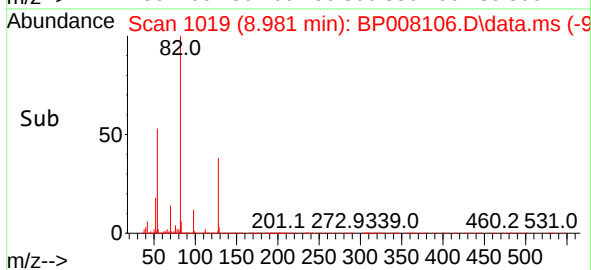
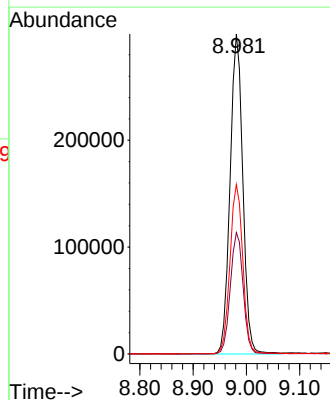
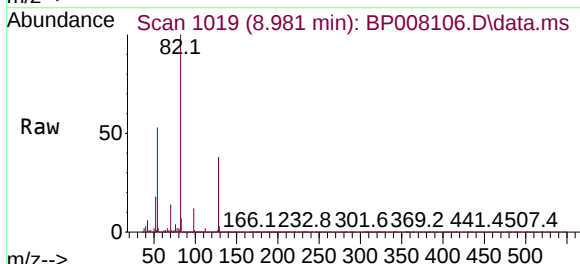
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.5	8.0	12.0
68	6.9	5.2	7.8

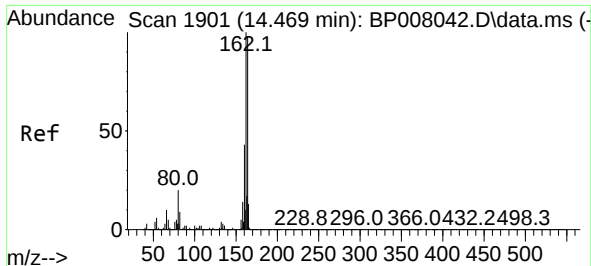


#23
Nitrobenzene-d5
Concen: 30.641 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.011 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion: 82 Resp: 498303

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.2	45.2
54	53.0	43.1	64.7

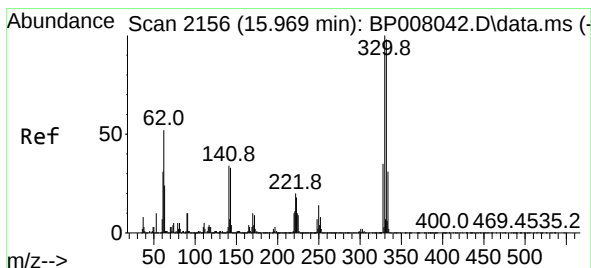
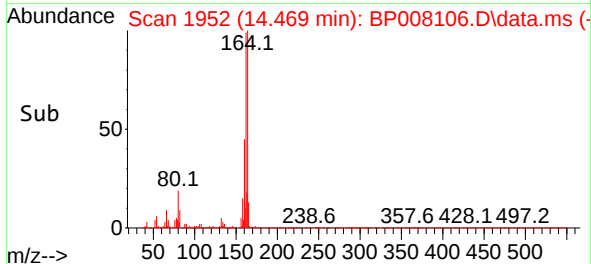
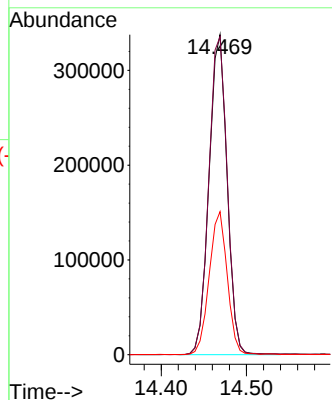
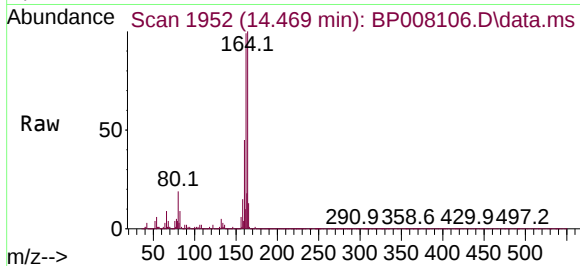




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

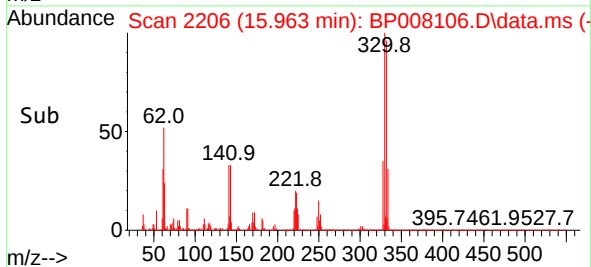
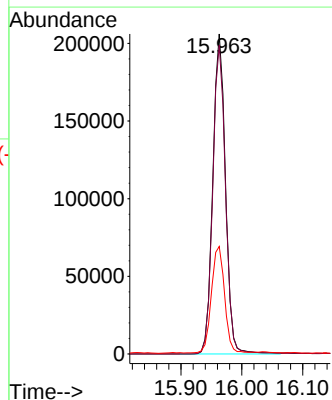
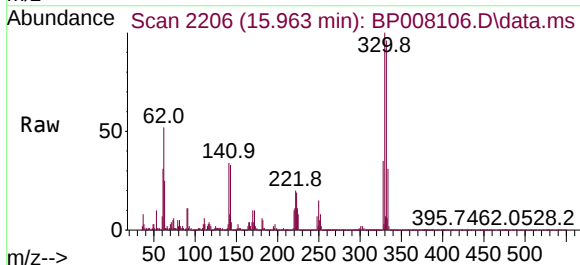
Instrument :
BNA_P
ClientSampleId :
CL-02-111921

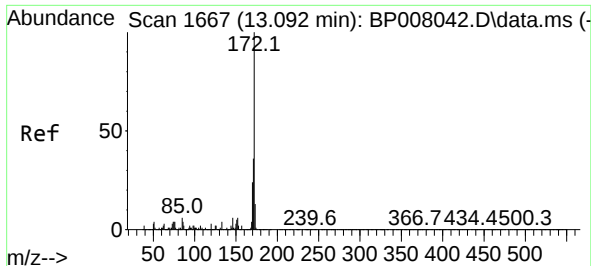
Tgt Ion:164 Resp: 496727
Ion Ratio Lower Upper
164 100
162 99.4 81.8 122.8
160 44.7 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 47.368 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:330 Resp: 297763
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 34.4 29.6 44.4

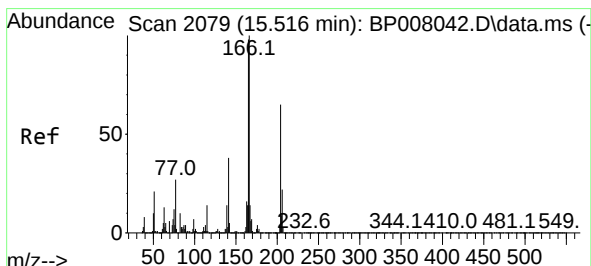
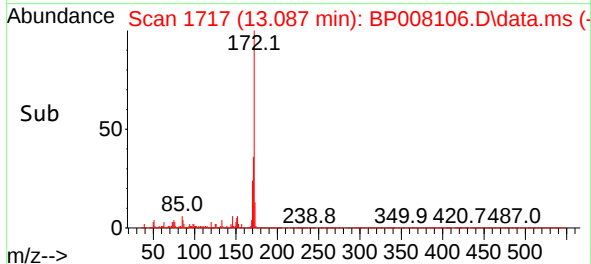
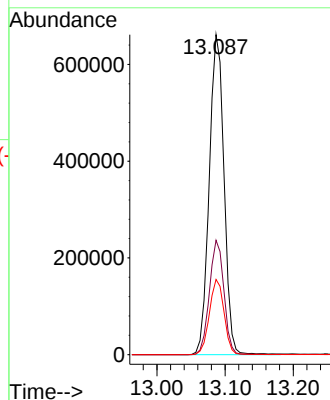
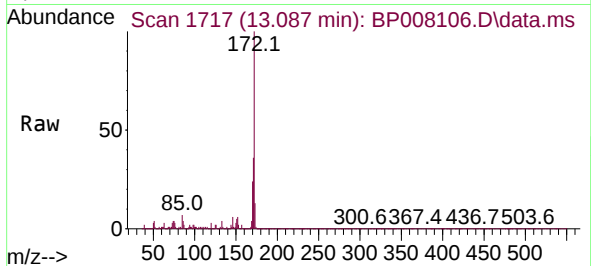




#45
2-Fluorobiphenyl
Concen: 31.495 ng
RT: 13.087 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

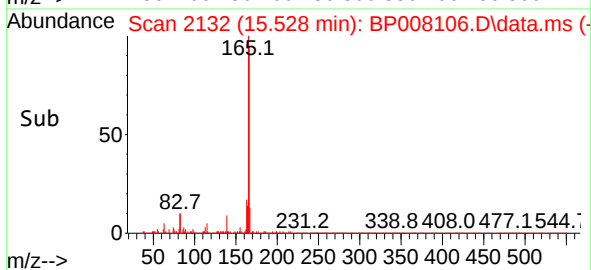
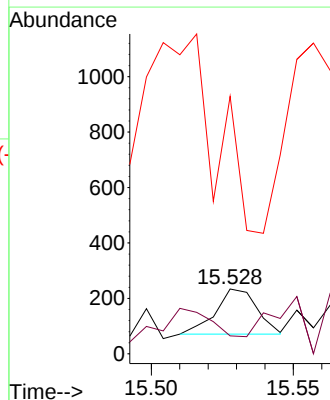
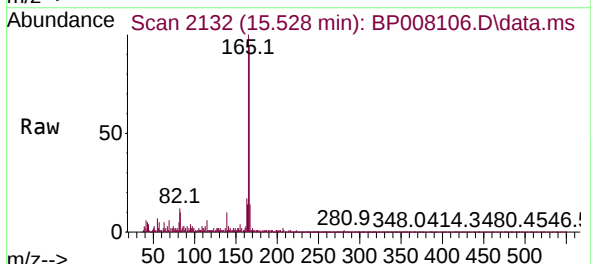
Instrument :
BNA_P
ClientSampleId :
CL-02-111921

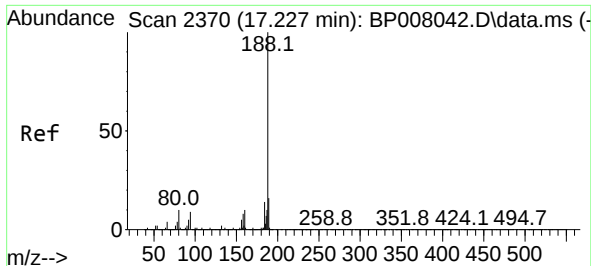
Tgt Ion:172 Resp: 999112
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 19.0 28.4



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.528 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:204 Resp: 166
Ion Ratio Lower Upper
204 100
206 27.8 27.3 40.9
141 397.0 46.7 70.1#

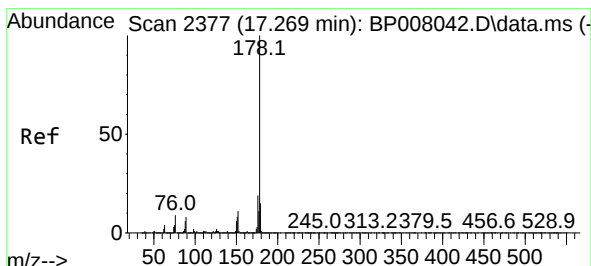
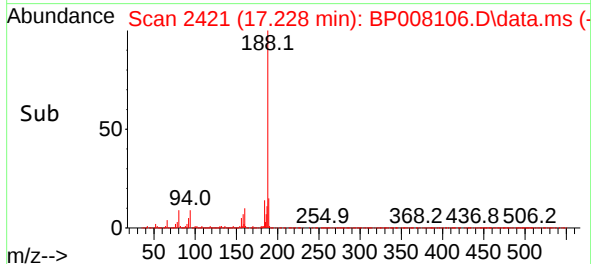
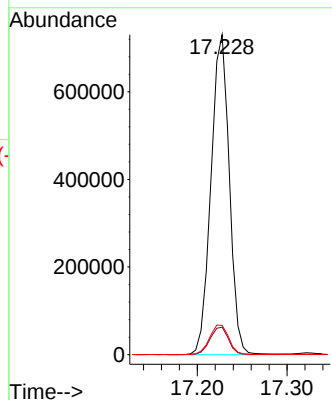
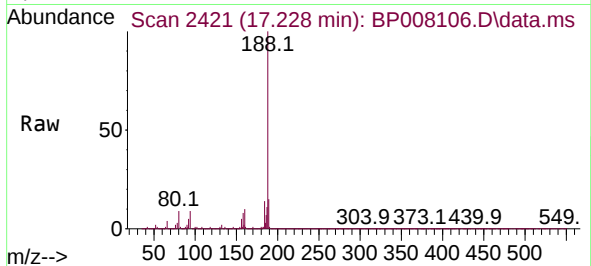




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

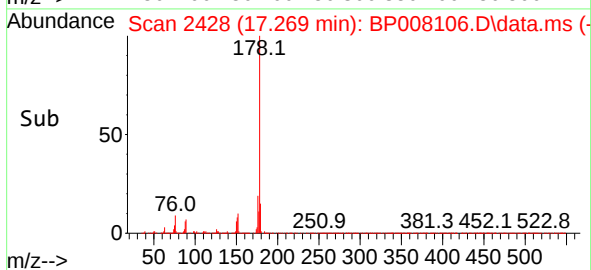
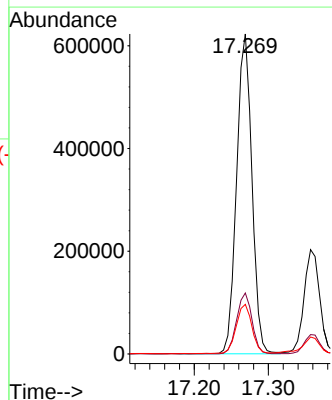
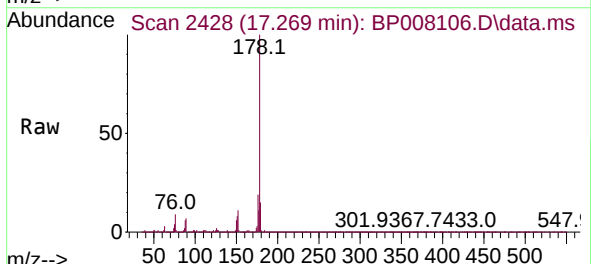
Instrument :
BNA_P
ClientSampleId :
CL-02-111921

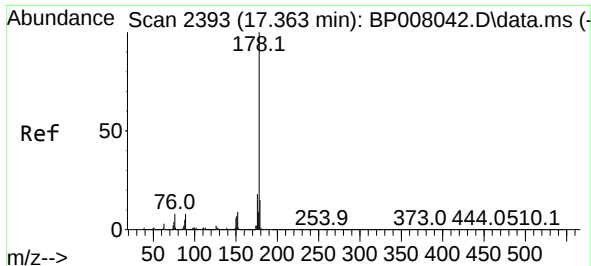
Tgt Ion:188 Resp: 1034994
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.1 8.1 12.1



#71
Phenanthrene
Concen: 16.004 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:178 Resp: 892506
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.5 12.4 18.6

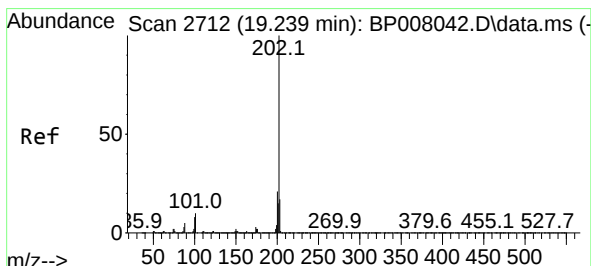
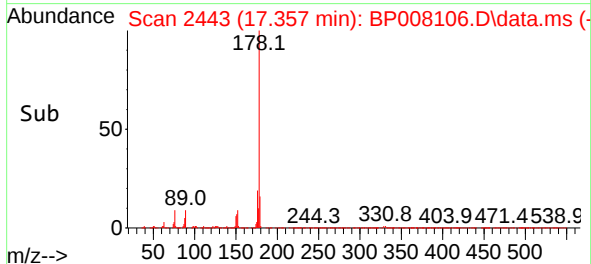
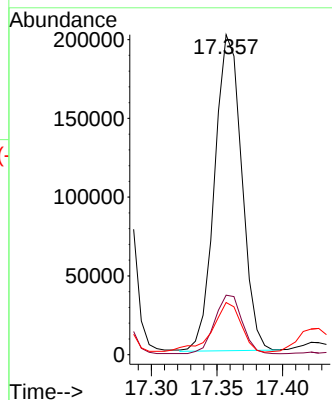
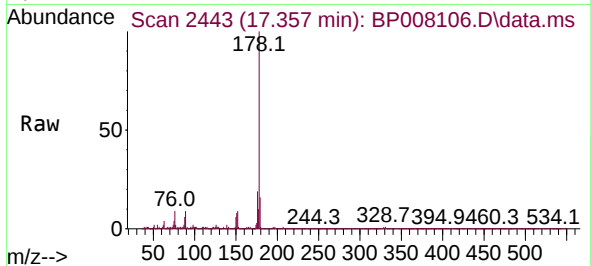




#72
 Anthracene
 Concen: 5.220 ng
 RT: 17.357 min Scan# 2443
 Delta R.T. -0.006 min
 Lab File: BP008106.D
 Acq: 23 Nov 2021 20:43

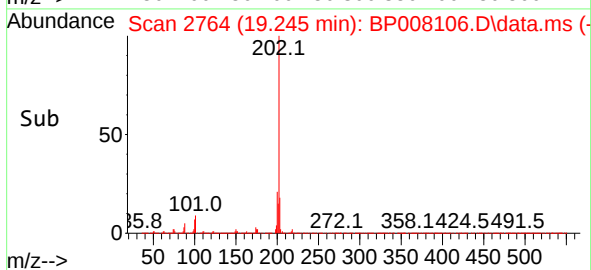
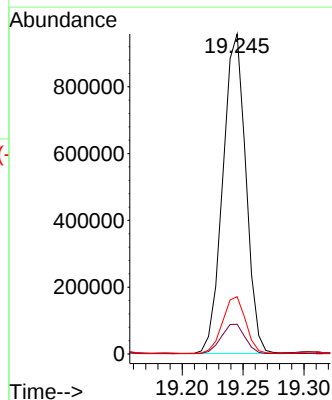
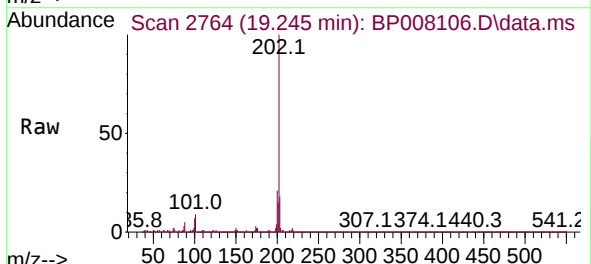
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-111921

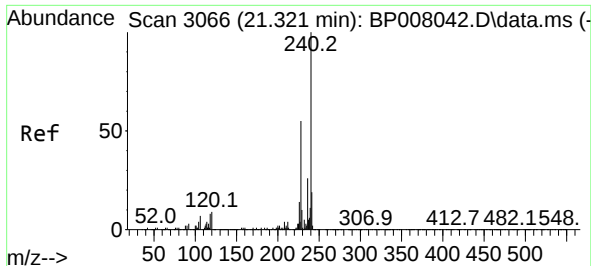
Tgt Ion:178 Resp: 288184
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.7 22.1
 179 16.3 12.2 18.4



#75
 Fluoranthene
 Concen: 17.511 ng
 RT: 19.245 min Scan# 2764
 Delta R.T. 0.006 min
 Lab File: BP008106.D
 Acq: 23 Nov 2021 20:43

Tgt Ion:202 Resp: 1258653
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 29.5
 203 17.9 0.0 37.3

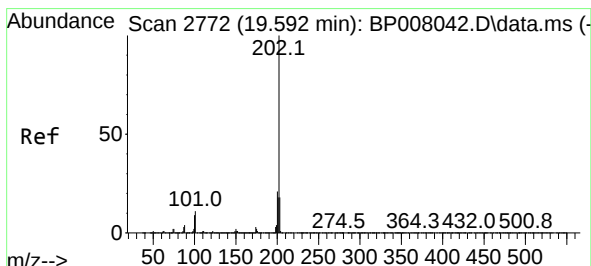
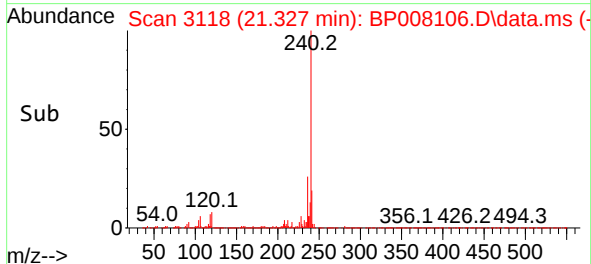
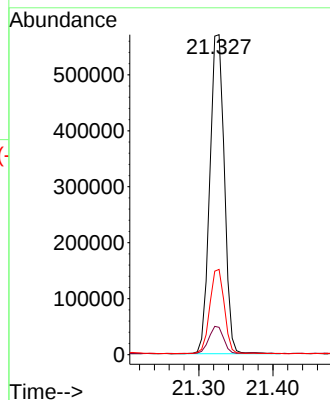
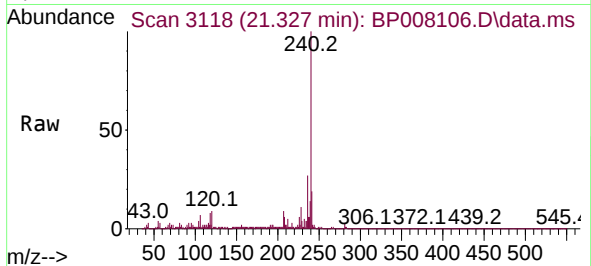




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

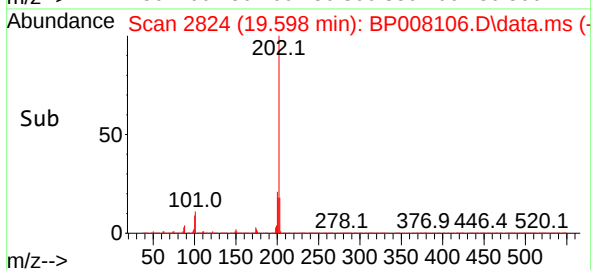
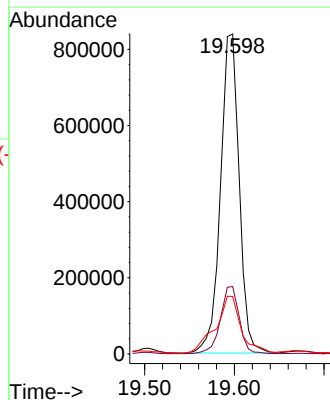
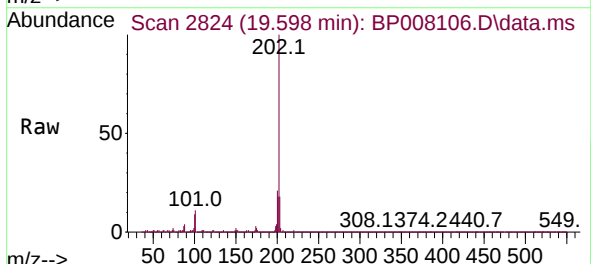
Instrument :
BNA_P
ClientSampleId :
CL-02-111921

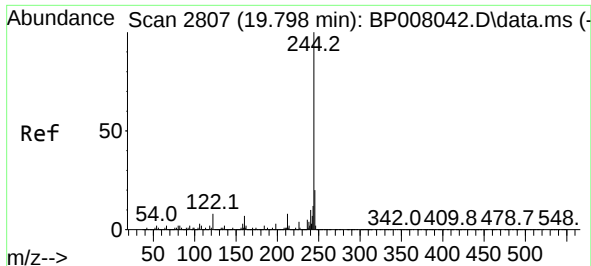
Tgt Ion:240 Resp: 776623
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.2
236 26.7 21.0 31.4



#78
Pyrene
Concen: 23.027 ng
RT: 19.598 min Scan# 2824
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:202 Resp: 1214376
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 18.0 14.2 21.2

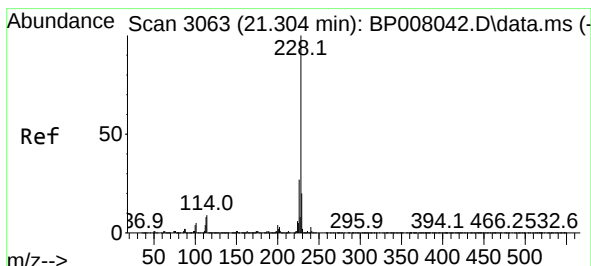
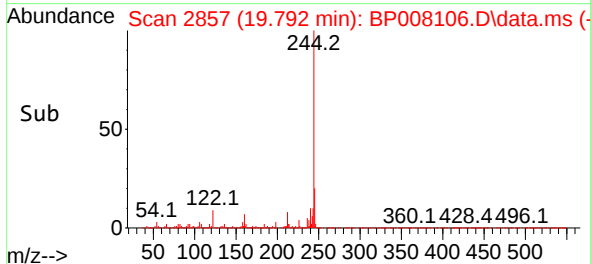
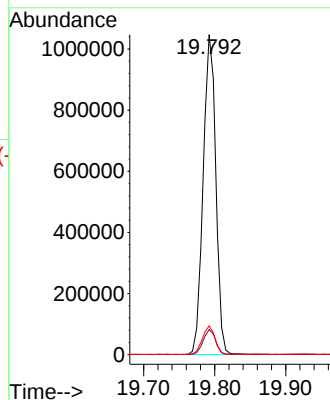
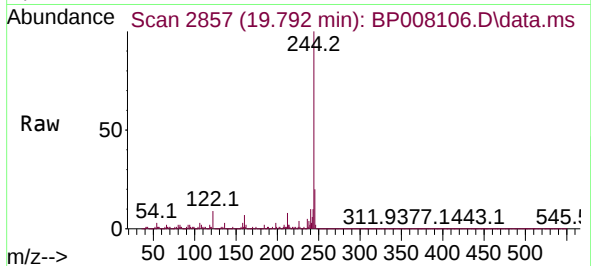




#79
 Terphenyl-d14
 Concen: 32.845 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008106.D
 Acq: 23 Nov 2021 20:43

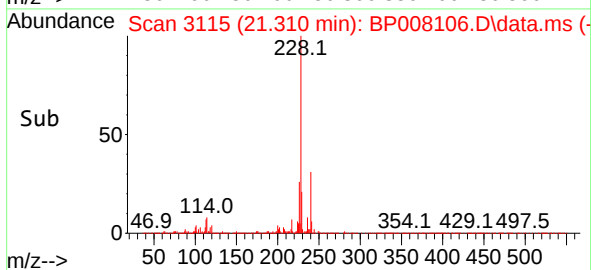
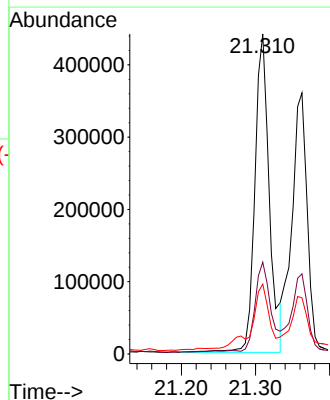
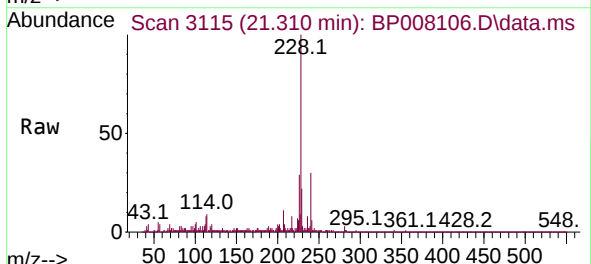
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-111921

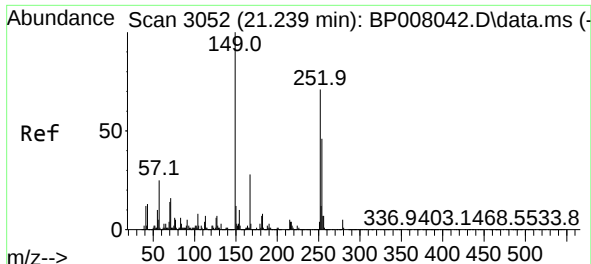
Tgt Ion:244 Resp: 1297424
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 9.0 6.1 9.1



#81
 Benzo(a)anthracene
 Concen: 11.438 ng
 RT: 21.310 min Scan# 3115
 Delta R.T. 0.006 min
 Lab File: BP008106.D
 Acq: 23 Nov 2021 20:43

Tgt Ion:228 Resp: 595757
 Ion Ratio Lower Upper
 228 100
 226 28.7 21.8 32.6
 229 21.9 16.1 24.1

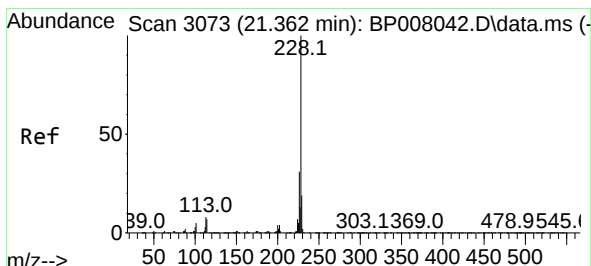
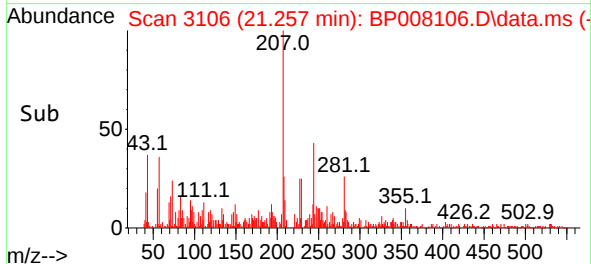
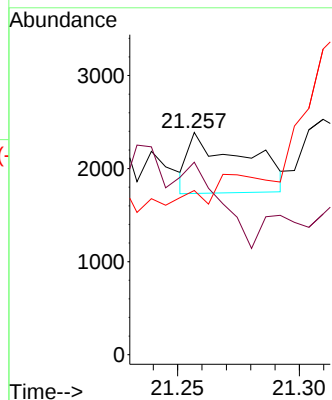
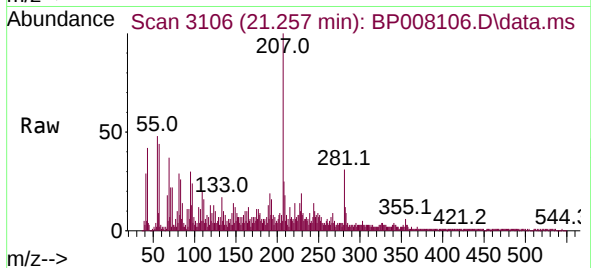




#82
 3,3'-Dichlorobenzidine
 Concen: Below Cal
 RT: 21.257 min Scan# 3106
 Delta R.T. 0.018 min
 Lab File: BP008106.D
 Acq: 23 Nov 2021 20:43

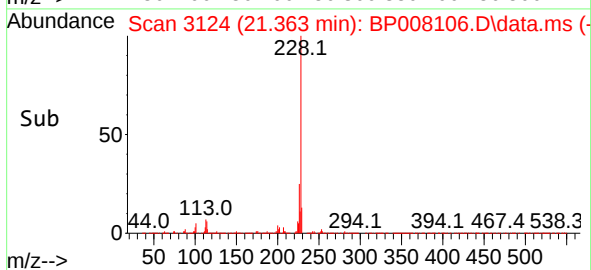
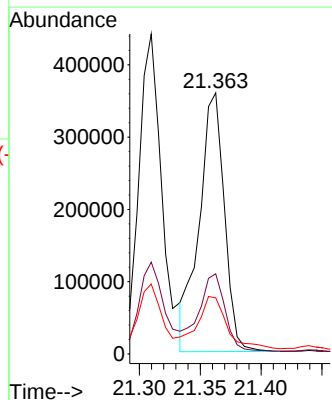
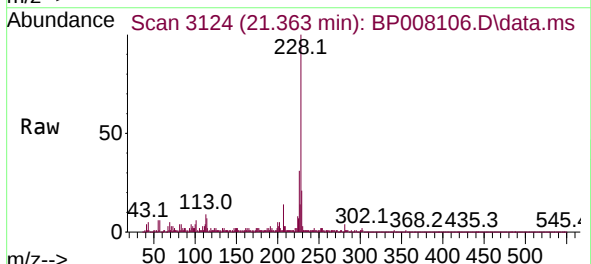
Instrument :
 BNA_P
 ClientSampleId :
 CL-02-111921

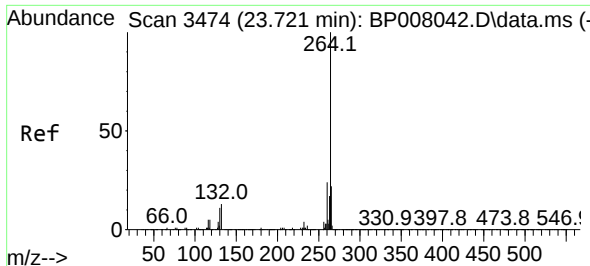
Tgt Ion:252 Resp: 1026
 Ion Ratio Lower Upper
 252 100
 254 86.6 51.8 77.8#
 126 73.9 7.2 10.8#



#83
 Chrysene
 Concen: 10.446 ng
 RT: 21.363 min Scan# 3124
 Delta R.T. 0.001 min
 Lab File: BP008106.D
 Acq: 23 Nov 2021 20:43

Tgt Ion:228 Resp: 516286
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.5 36.7
 229 21.5 15.5 23.3

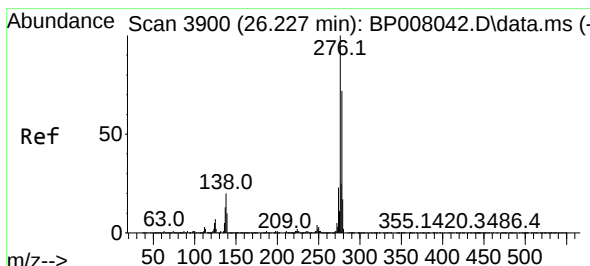
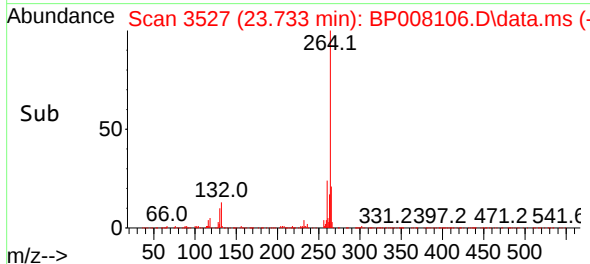
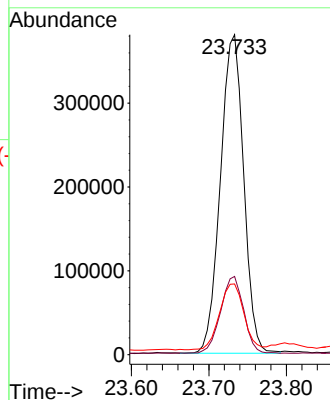
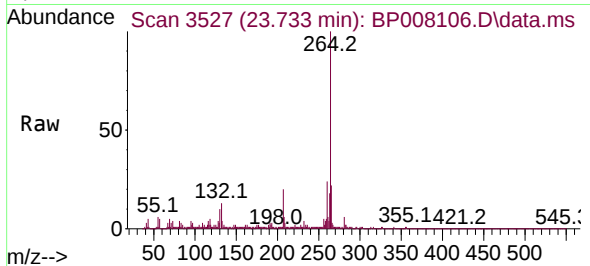




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

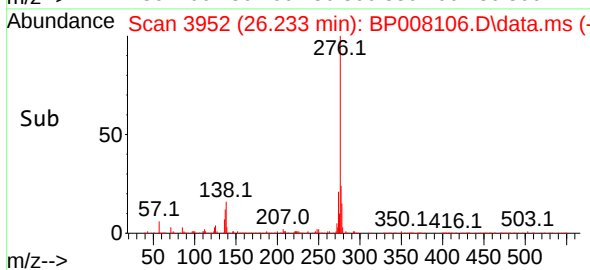
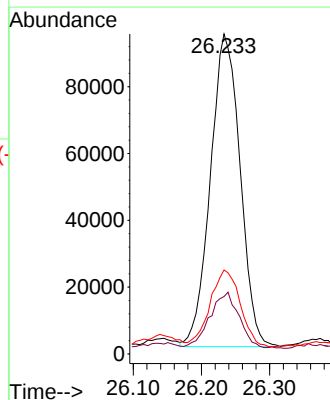
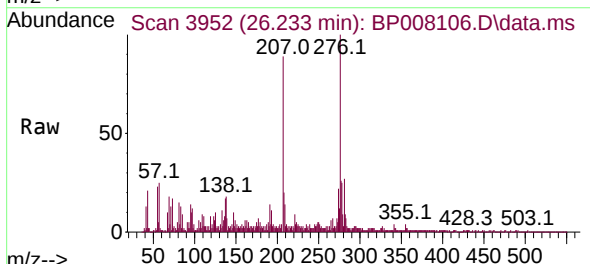
Instrument :
BNA_P
ClientSampleId :
CL-02-111921

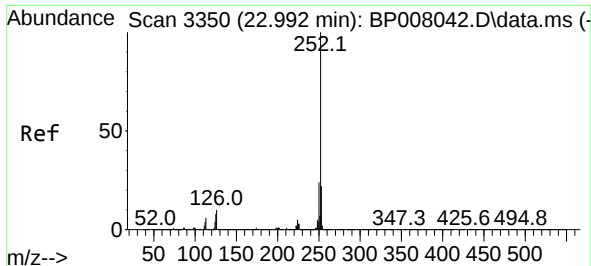
Tgt Ion:264 Resp: 793716
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 22.1 17.7 26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.158 ng
RT: 26.233 min Scan# 3952
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:276 Resp: 284067
Ion Ratio Lower Upper
276 100
138 17.1 16.5 24.7
277 24.9 20.2 30.4

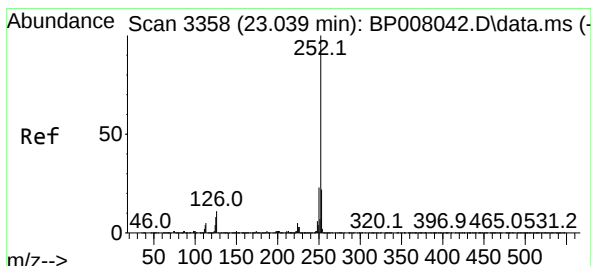
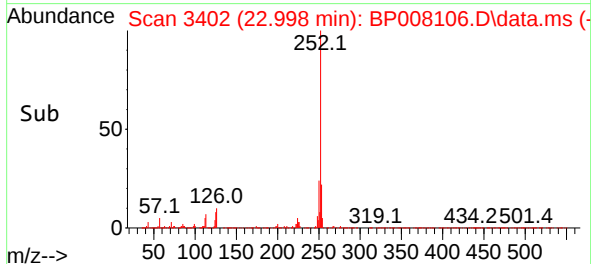
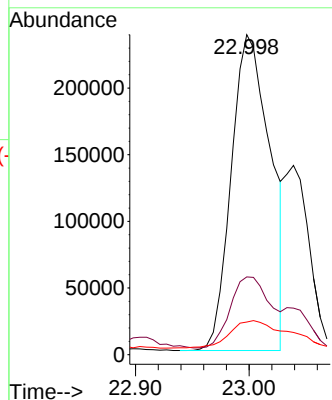
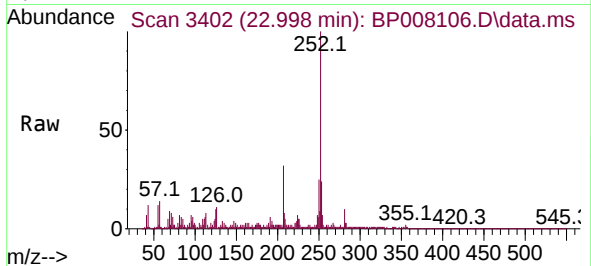




#88
Benzo(b)fluoranthene
Concen: 11.439 ng
RT: 22.998 min Scan# 3402
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

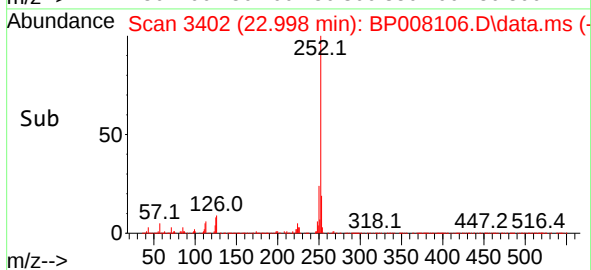
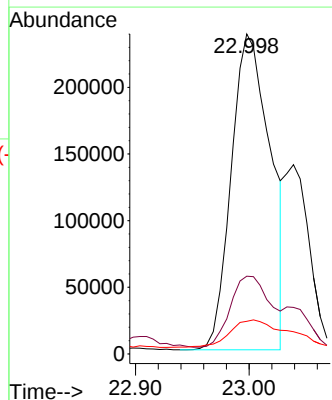
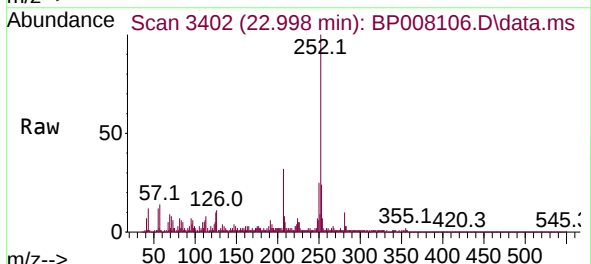
Instrument :
BNA_P
ClientSampleId :
CL-02-111921

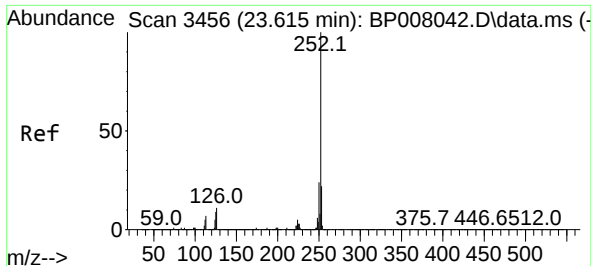
Tgt Ion:252 Resp: 567669
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 10.2 6.1 9.1#



#89
Benzo(k)fluoranthene
Concen: 11.497 ng
RT: 22.998 min Scan# 3402
Delta R.T. -0.041 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:252 Resp: 567669
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.0
125 10.2 6.2 9.4#

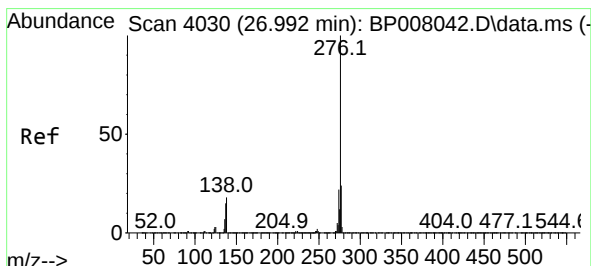
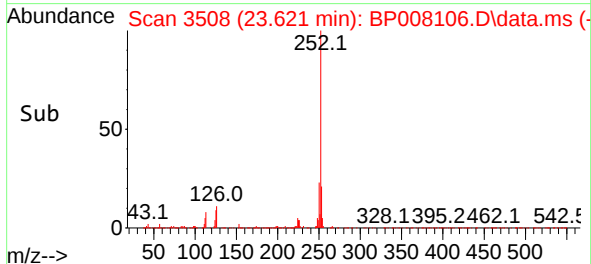
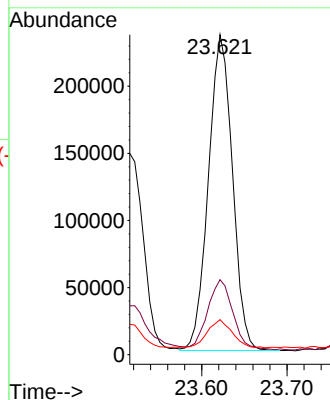
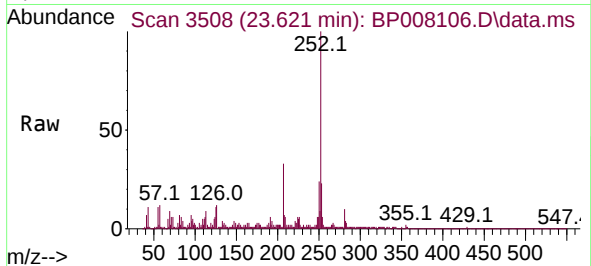




#90
Benzo(a)pyrene
Concen: 11.084 ng
RT: 23.621 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Instrument :
BNA_P
ClientSampleId :
CL-02-111921

Tgt Ion:252 Resp: 461006
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 11.0 7.4 11.2



#92
Benzo(g,h,i)perylene
Concen: 6.314 ng
RT: 27.009 min Scan# 4084
Delta R.T. 0.017 min
Lab File: BP008106.D
Acq: 23 Nov 2021 20:43

Tgt Ion:276 Resp: 283561
Ion Ratio Lower Upper
276 100
277 27.2 19.0 28.6
138 18.6 14.2 21.2

