

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061821\
 Data File : BP005984.D
 Acq On : 18 Jun 2021 22:15
 Operator : CG/JU
 Sample : M2749-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PX-03 14.5-15.0

Quant Time: Jun 19 00:27:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 11:35:30 2021
 Response via : Initial Calibration

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

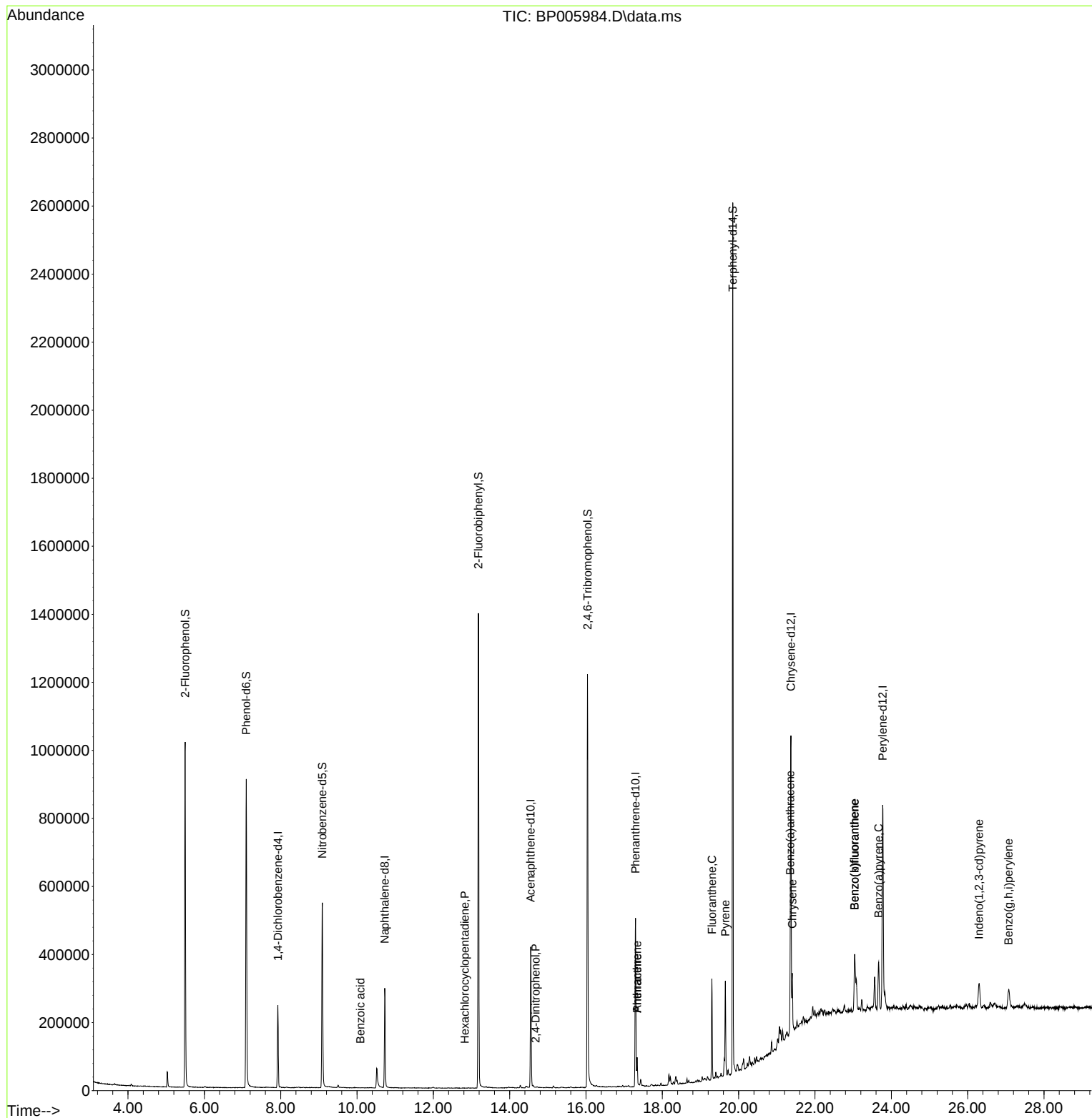
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	69467	20.00	ng	0.00
21) Naphthalene-d8	10.728	136	254952	20.00	ng	0.00
39) Acenaphthene-d10	14.551	164	150382	20.00	ng	0.00
64) Phenanthrene-d10	17.298	188	313202	20.00	ng	0.00
76) Chrysene-d12	21.369	240	406059	20.00	ng	-0.01
86) Perylene-d12	23.774	264	480544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	475718	109.89	ng	0.00
7) Phenol-d6	7.099	99	554408	98.80	ng	0.00
23) Nitrobenzene-d5	9.093	82	342274	65.82	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	271019	105.02	ng	-0.01
45) 2-Fluorobiphenyl	13.181	172	736961	64.35	ng	0.00
79) Terphenyl-d14	19.845	244	1178837	54.36	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	10.087	122	12	6.32	ng	# 7
41) Hexachlorocyclopentadiene	12.828	237	23	5.51	ng	74
54) 2,4-Dinitrophenol	14.681	184	18	4.86	ng	96
71) Phenanthrene	17.339	178	48105	2.56	ng	98
72) Anthracene	17.339	178	48105	2.60	ng	97
75) Fluoranthene	19.298	202	172871	7.57	ng	98
78) Pyrene	19.651	202	168201	5.93	ng	98
81) Benzo(a)anthracene	21.351	228	114506	3.91	ng	99
83) Chrysene	21.404	228	105170	3.70	ng	98
87) Indeno(1,2,3-cd)pyrene	26.298	276	83183	2.02	ng	97
88) Benzo(b)fluoranthene	23.039	252	167933	5.10	ng	# 95
89) Benzo(k)fluoranthene	23.039	252	167933	5.26	ng	# 95
90) Benzo(a)pyrene	23.668	252	114682	3.71	ng	# 97
92) Benzo(g,h,i)perylene	27.074	276	78906	2.26	ng	# 93

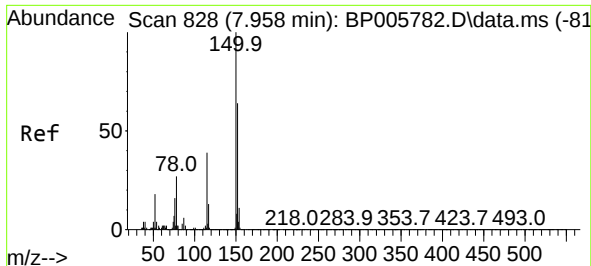
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061821\
Data File : BP005984.D
Acq On : 18 Jun 2021 22:15
Operator : CG/JU
Sample : M2749-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PX-03 14.5-15.0

Quant Time: Jun 19 00:27:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 11:35:30 2021
Response via : Initial Calibration

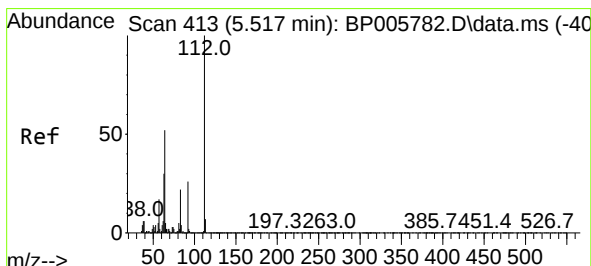
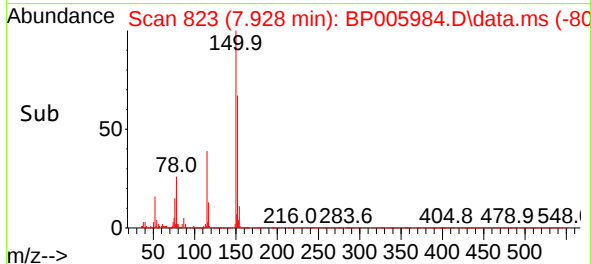
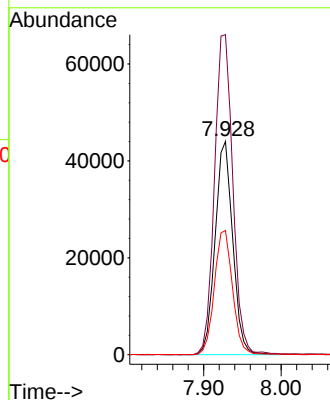
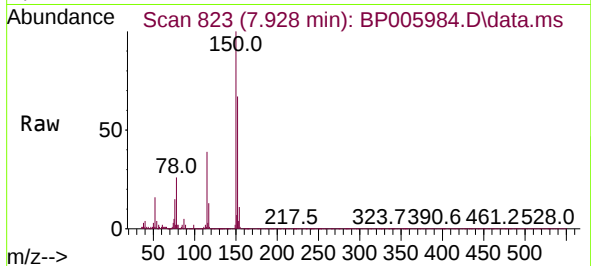




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

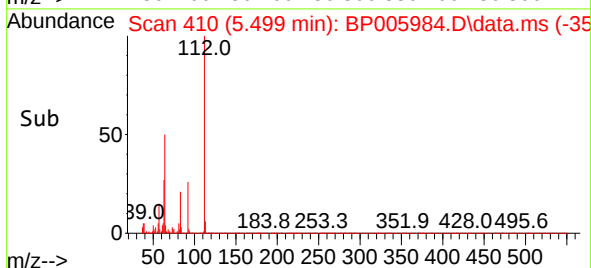
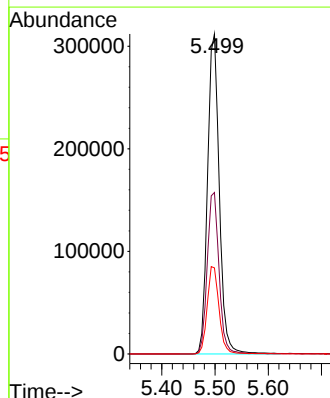
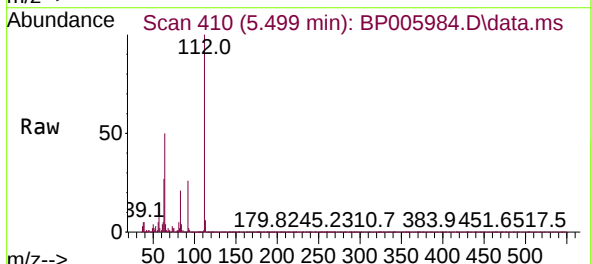
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

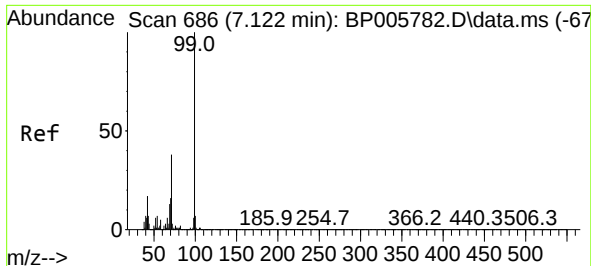
Tgt Ion:152 Resp: 69467
Ion Ratio Lower Upper
152 100
150 150.0 125.6 188.4
115 58.2 48.5 72.7



#5
2-Fluorophenol
Concen: 109.89 ng
RT: 5.499 min Scan# 410
Delta R.T. 0.000 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:112 Resp: 475718
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 26.9 23.8 35.8

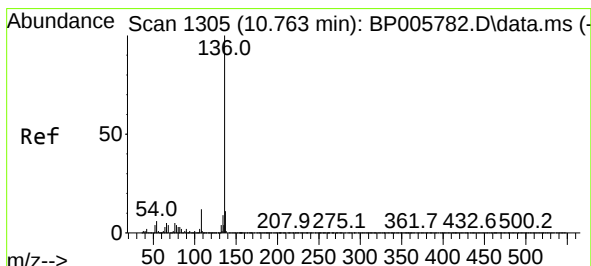
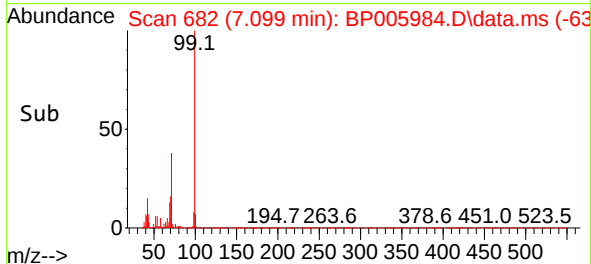
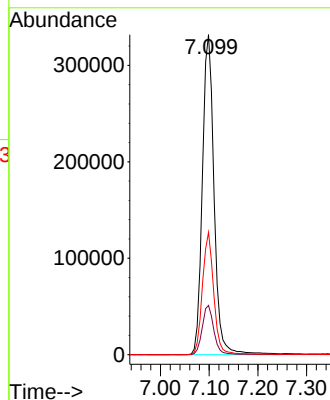
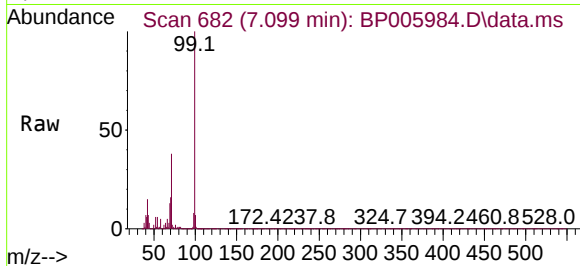




#7
Phenol-d6
Concen: 98.80 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

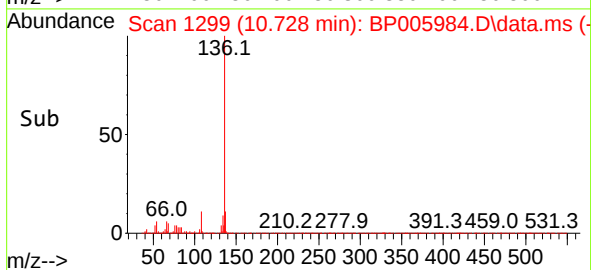
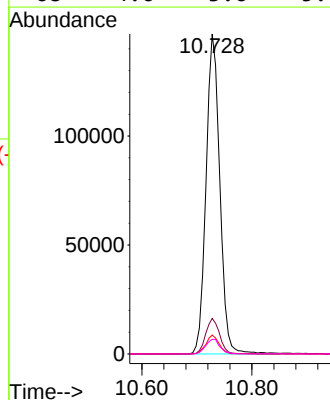
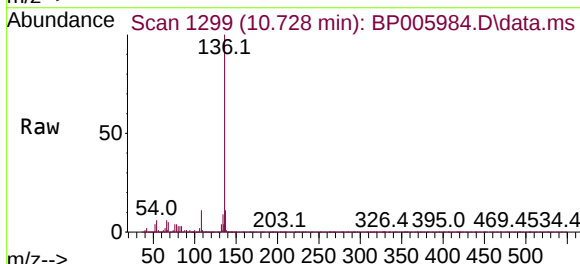
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

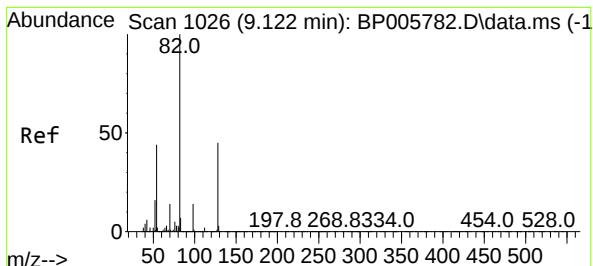
Tgt Ion: 99 Resp: 554408
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.0
71 38.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion: 136 Resp: 254952
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 5.9 4.6 6.8
68 4.6 3.6 5.4

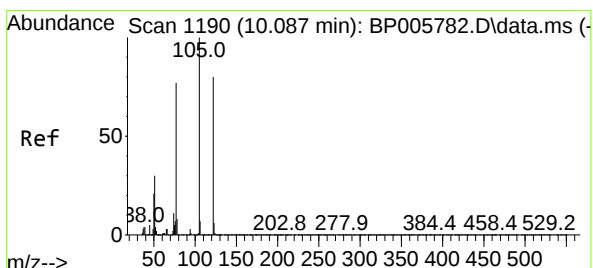
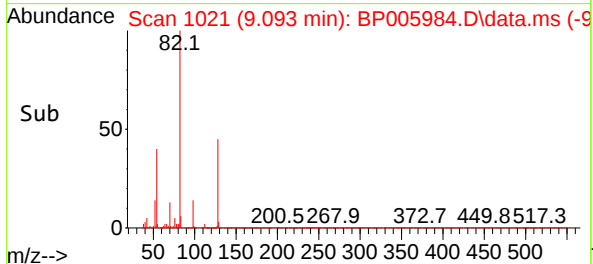
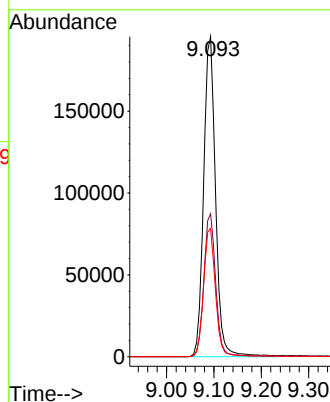
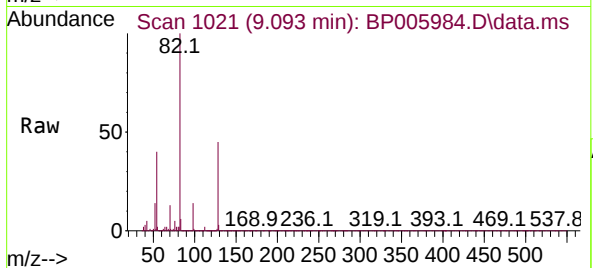




#23
Nitrobenzene-d5
Concen: 65.82 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

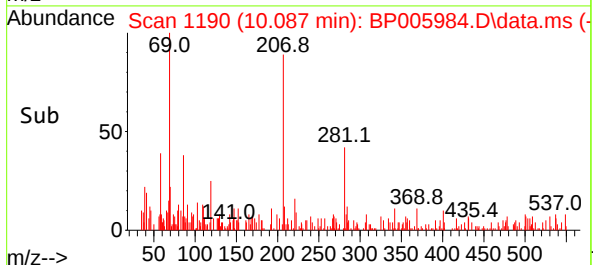
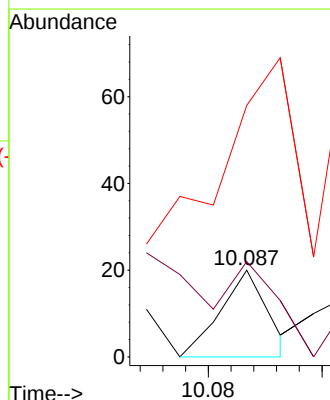
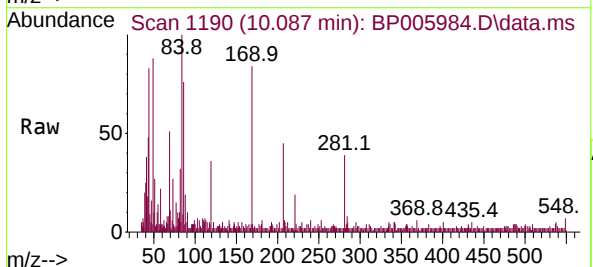
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

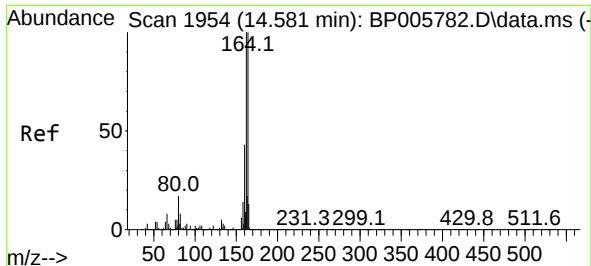
Tgt Ion: 82 Resp: 342274
Ion Ratio Lower Upper
82 100
128 44.6 35.7 53.5
54 40.0 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.087 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion: 122 Resp: 12
Ion Ratio Lower Upper
122 100
105 110.0 103.2 143.2
77 290.0 76.2 116.2#

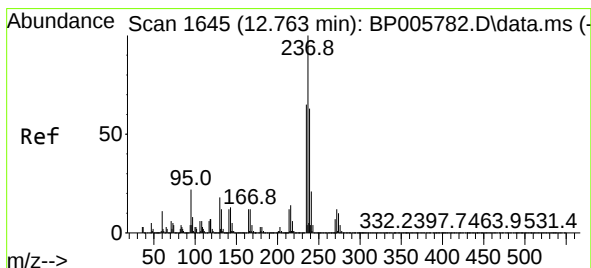
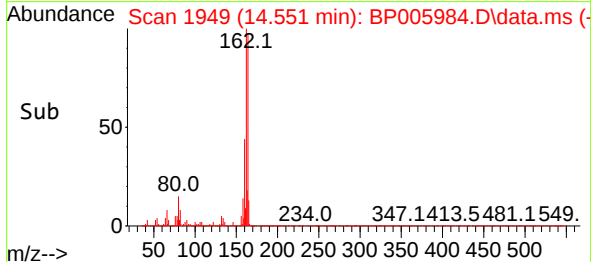
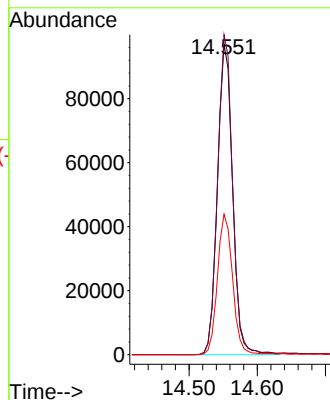
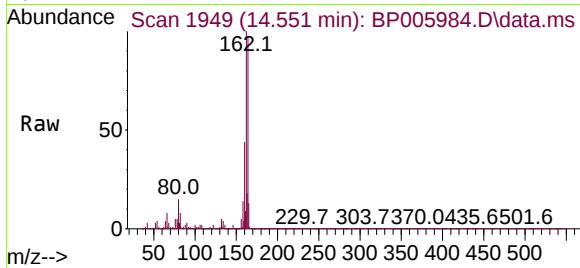




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

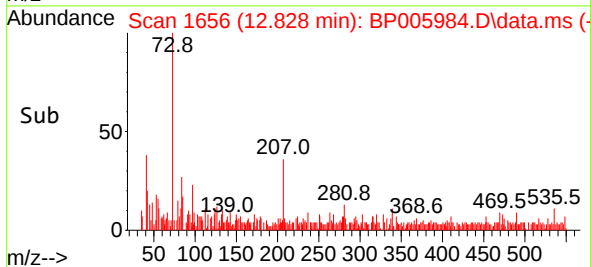
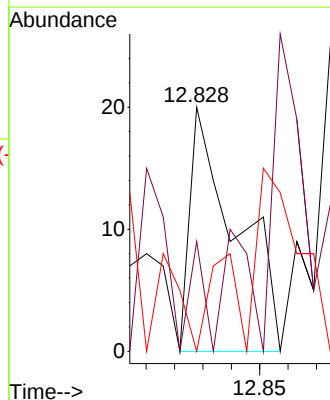
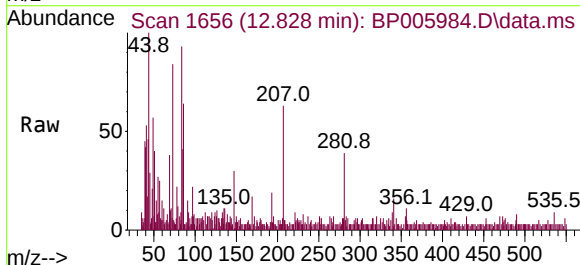
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

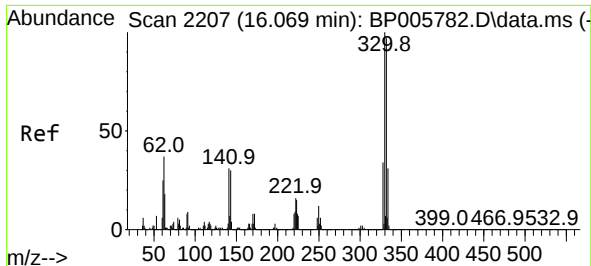
Tgt Ion:164 Resp: 150382
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 45.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.828 min Scan# 1656
Delta R.T. 0.094 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:237 Resp: 23
Ion Ratio Lower Upper
237 100
235 45.0 44.5 84.5
272 0.0 0.0 32.5

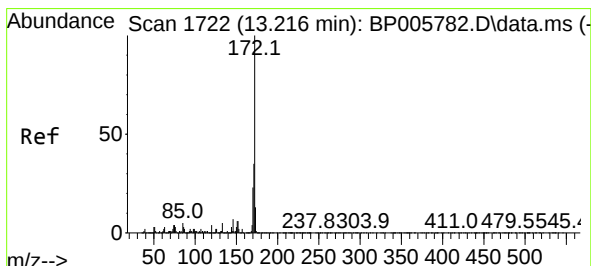
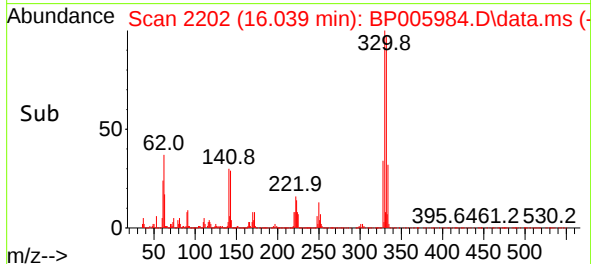
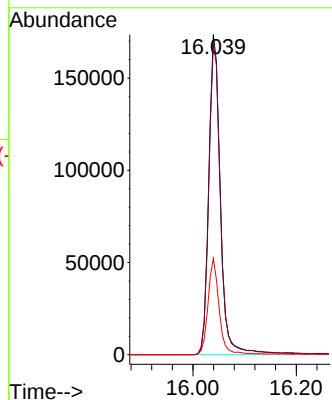
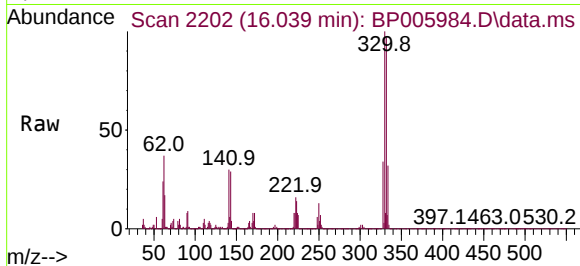




#42
2,4,6-Tribromophenol
Concen: 105.02 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

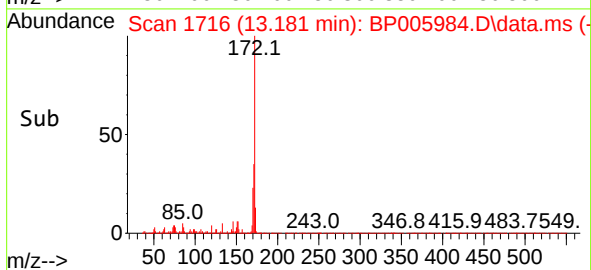
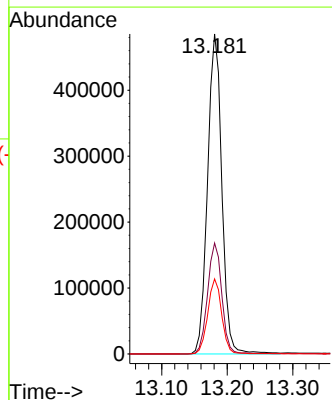
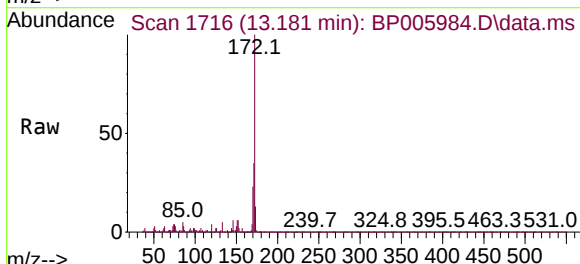
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

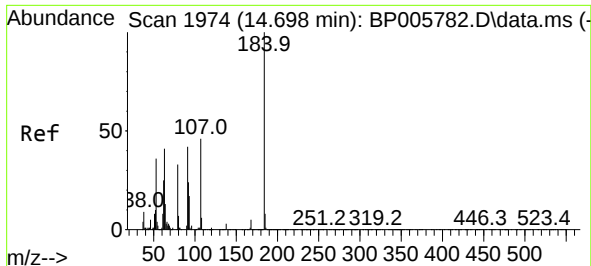
Tgt Ion:	330	Resp:	271019
Ion Ratio	Lower	Upper	
330	100		
332	98.4	77.8	116.8
141	28.7	25.4	38.2



#45
2-Fluorobiphenyl
Concen: 64.35 ng
RT: 13.181 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:	172	Resp:	736961
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.9	41.9
170	23.4	18.6	27.8

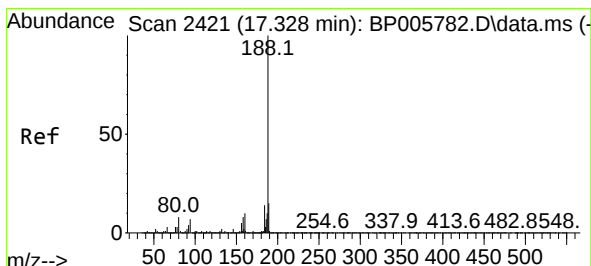
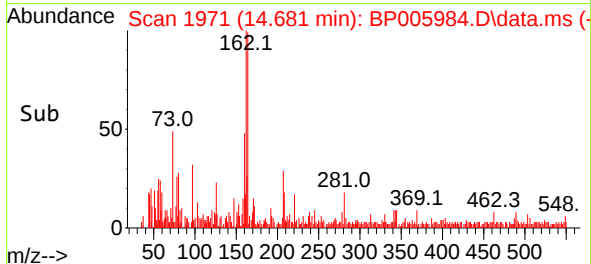
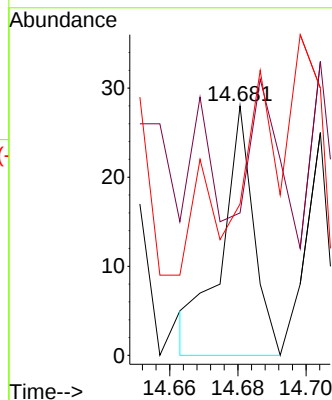
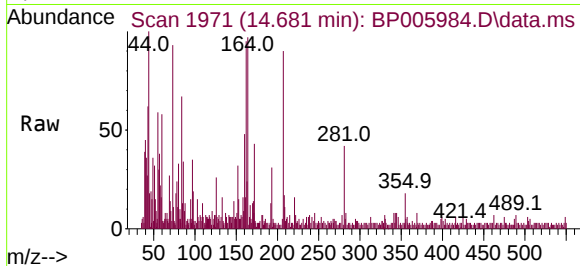




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

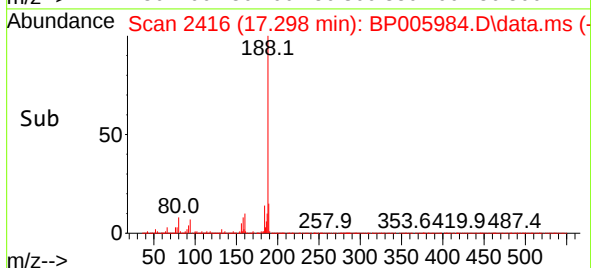
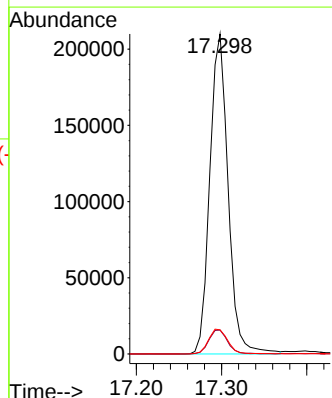
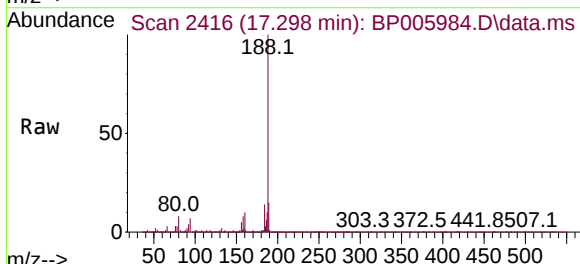
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

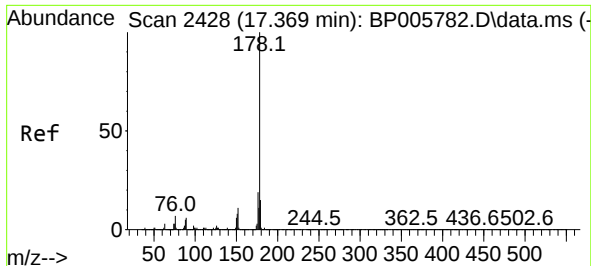
Tgt Ion:184	Resp:	18
Ion Ratio	Lower	Upper
184	100	
63	57.1	47.0 70.6
154	60.7	52.3 78.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:188	Resp:	313202
Ion Ratio	Lower	Upper
188	100	
94	7.4	5.6 8.4
80	7.5	6.3 9.5

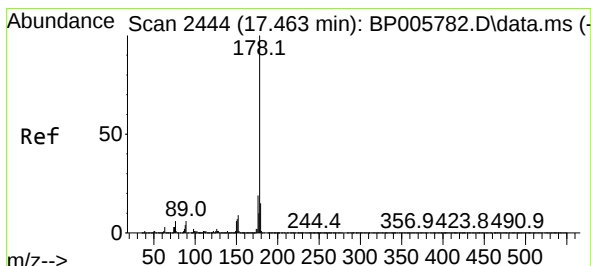
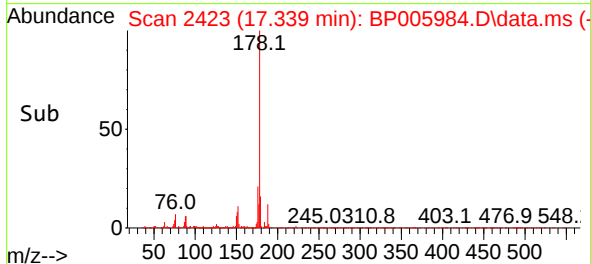
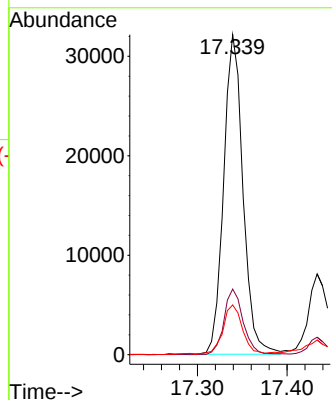
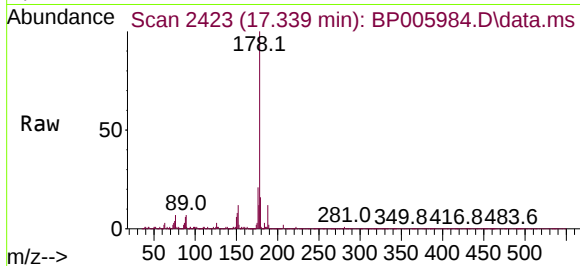




#71
Phenanthrene
Concen: 2.56 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

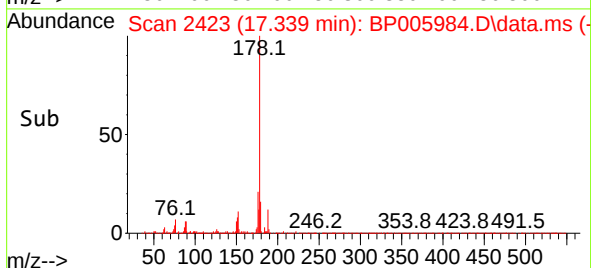
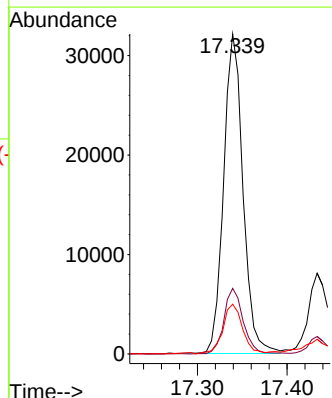
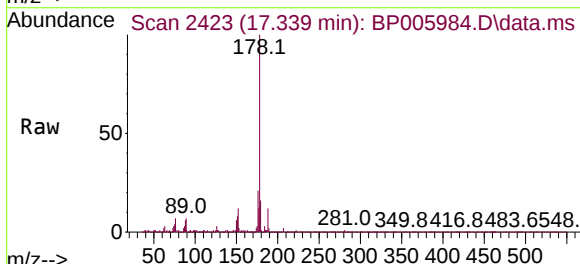
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

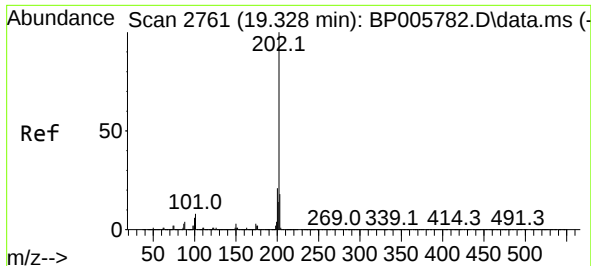
Tgt Ion:178 Resp: 48105
Ion Ratio Lower Upper
178 100
176 20.5 15.1 22.7
179 15.5 12.4 18.6



#72
Anthracene
Concen: 2.60 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.100 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:178 Resp: 48105
Ion Ratio Lower Upper
178 100
176 20.5 14.9 22.3
179 15.5 12.2 18.2

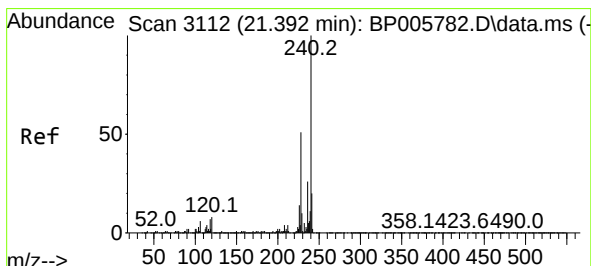
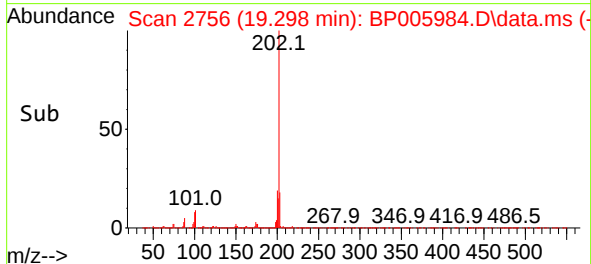
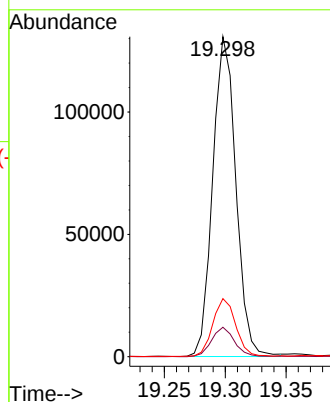
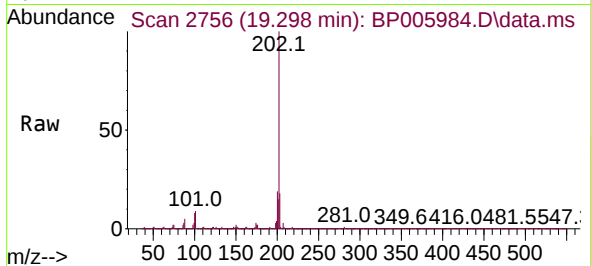




#75
Fluoranthene
Concen: 7.57 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

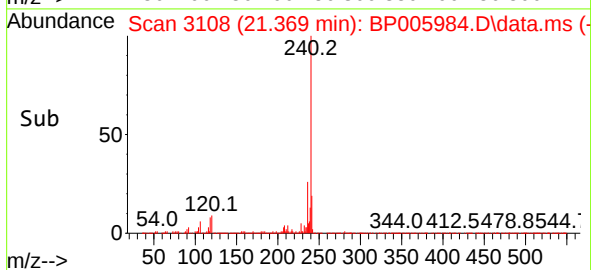
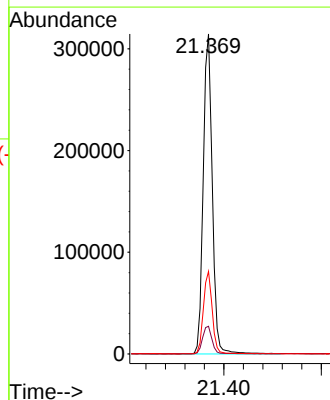
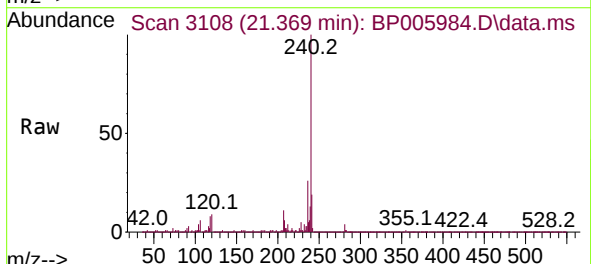
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

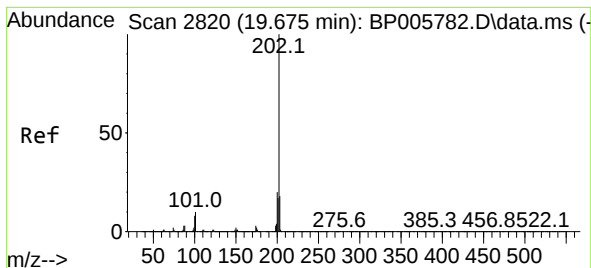
Tgt Ion:	202	Resp:	172871
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	27.6
203	18.1	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:	240	Resp:	406059
Ion Ratio	Lower	Upper	
240	100		
120	8.6	6.5	9.7
236	25.8	20.6	31.0





#78

Pyrene

Concen: 5.93 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.012 min

Lab File: BP005984.D

Acq: 18 Jun 2021 22:15

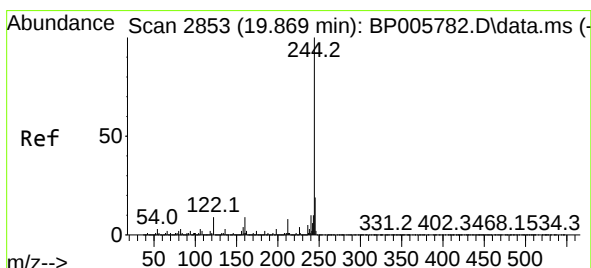
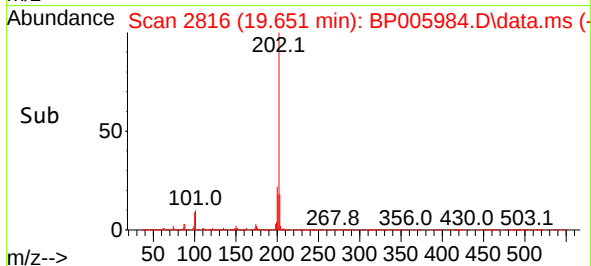
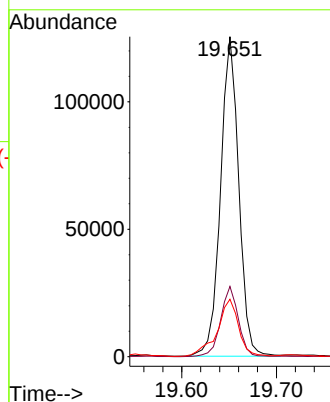
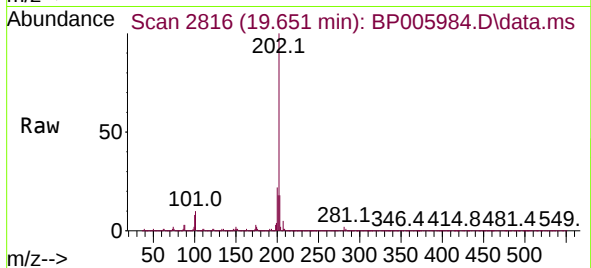
Instrument :

BNA_P

ClientSampleId :

PX-03 14.5-15.0

Tgt Ion:202	Resp: 168201
Ion Ratio	Lower Upper
202 100	
200 21.9	16.3 24.5
203 17.9	14.2 21.2



#79

Terphenyl-d14

Concen: 54.36 ng

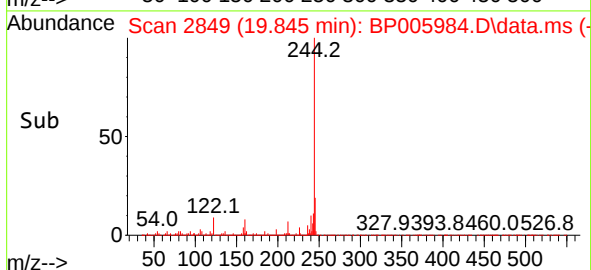
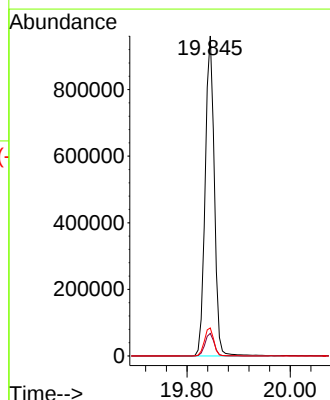
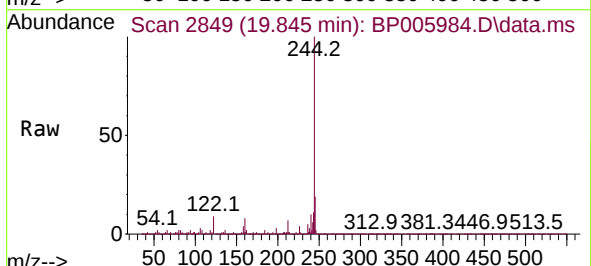
RT: 19.845 min Scan# 2849

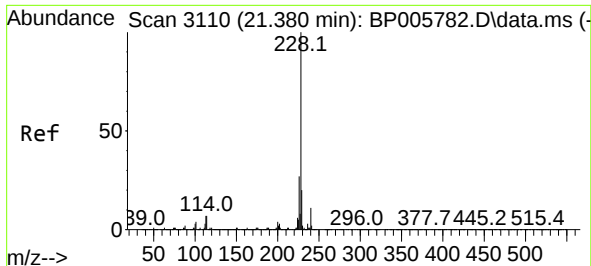
Delta R.T. -0.012 min

Lab File: BP005984.D

Acq: 18 Jun 2021 22:15

Tgt Ion:244	Resp: 1178837
Ion Ratio	Lower Upper
244 100	
212 7.0	6.0 9.0
122 8.7	7.1 10.7

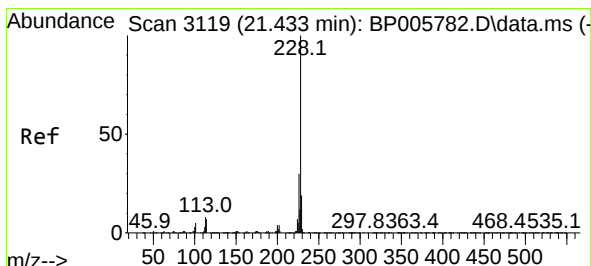
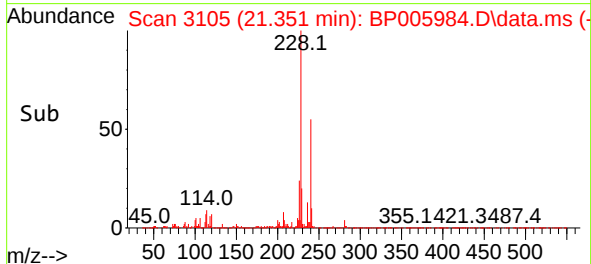
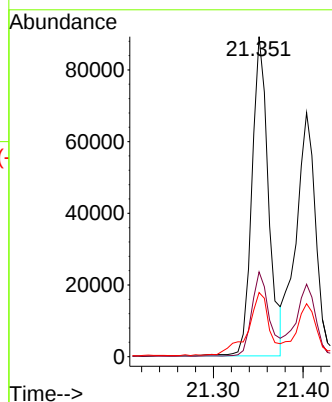
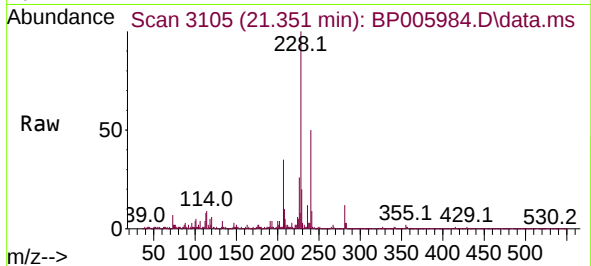




#81
Benzo(a)anthracene
Concen: 3.91 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

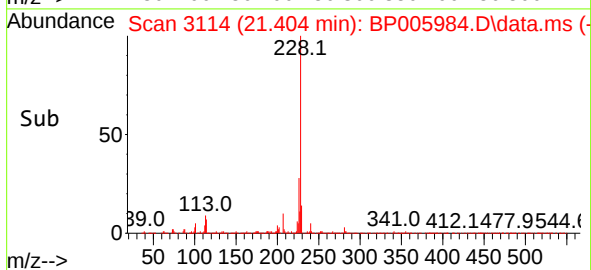
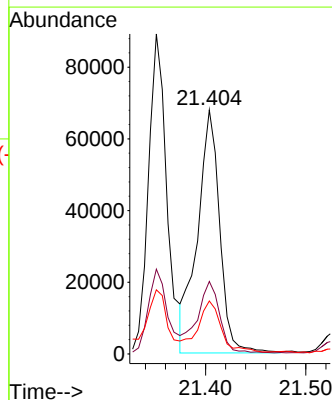
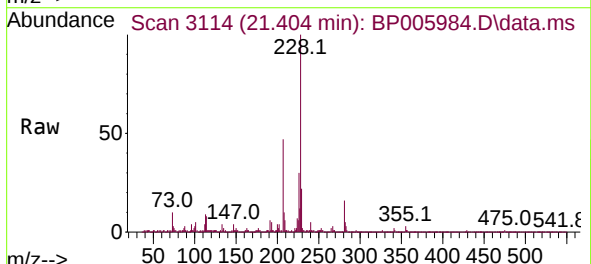
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

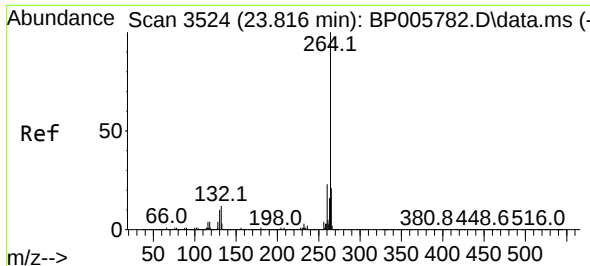
Tgt Ion:228 Resp: 114506
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 20.1 15.8 23.6



#83
Chrysene
Concen: 3.70 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:228 Resp: 105170
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 21.7 15.4 23.2

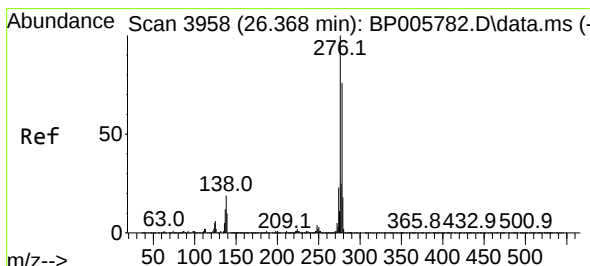
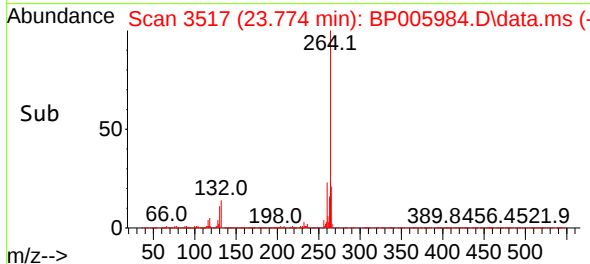
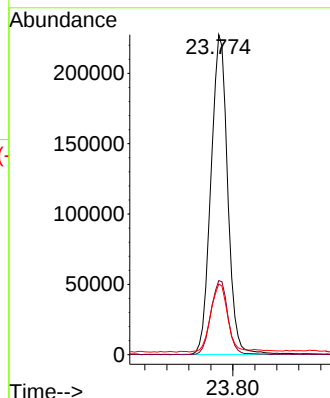
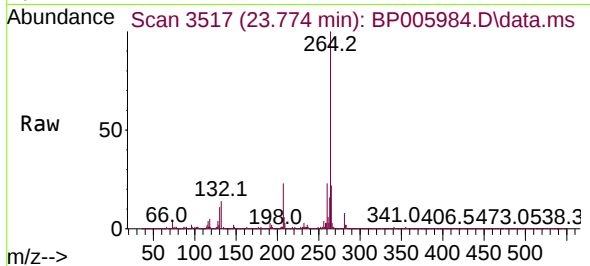




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.018 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

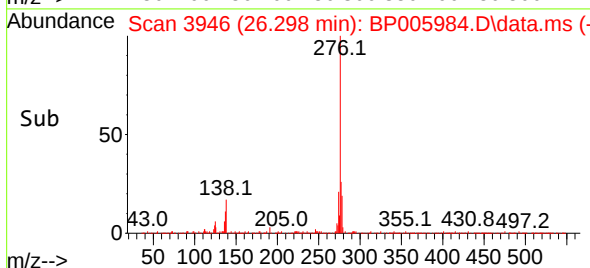
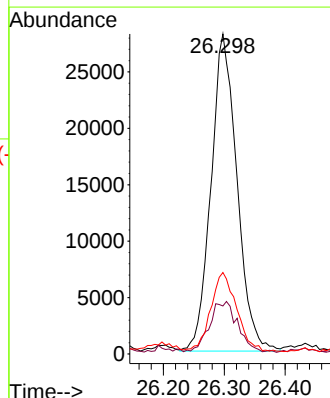
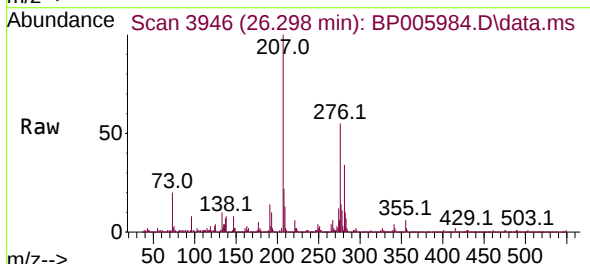
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

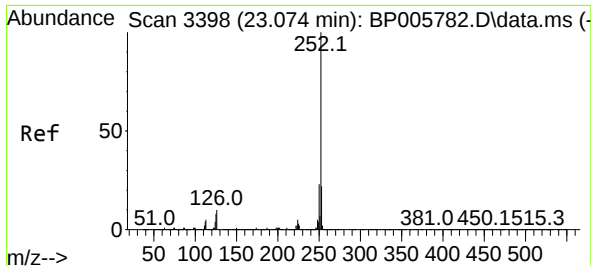
Tgt Ion:	264	Resp:	480544
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.6	28.0
265	22.1	17.6	26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.02 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.041 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:	276	Resp:	83183
Ion Ratio	Lower	Upper	
276	100		
138	17.2	15.3	22.9
277	24.6	20.4	30.6

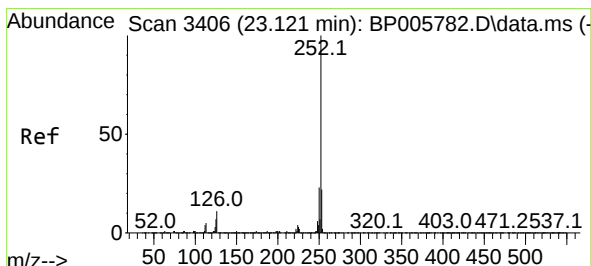
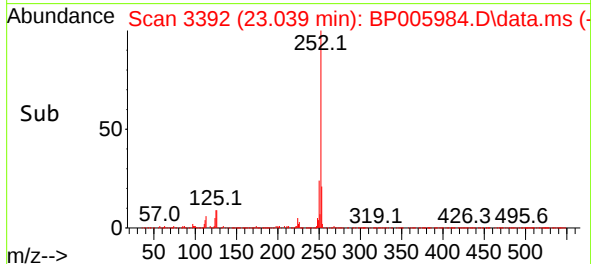
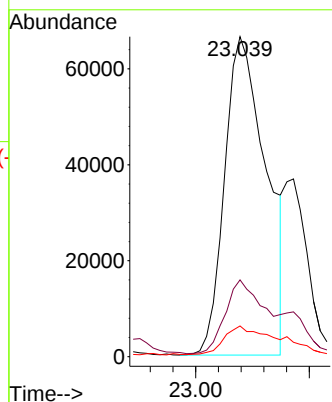
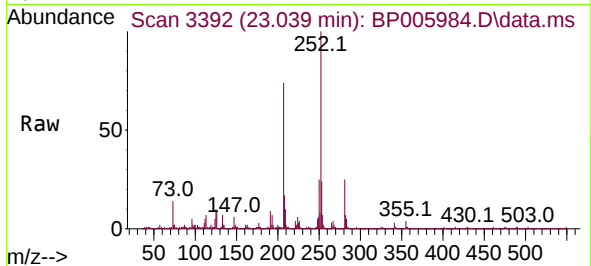




#88
Benzo(b)fluoranthene
Concen: 5.10 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.018 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

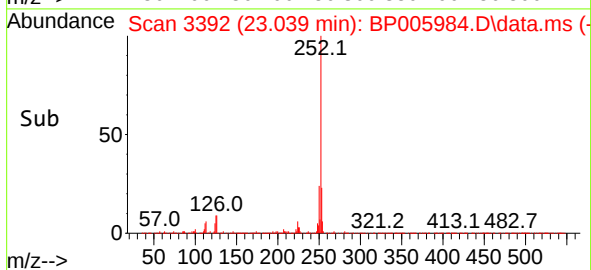
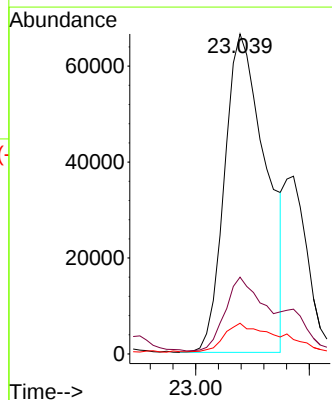
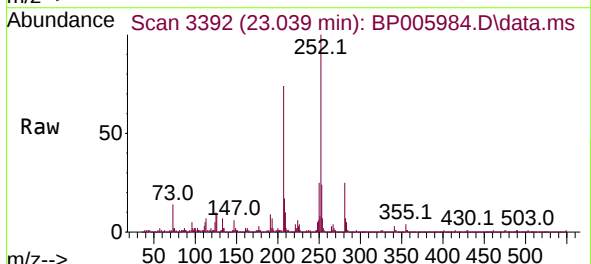
Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

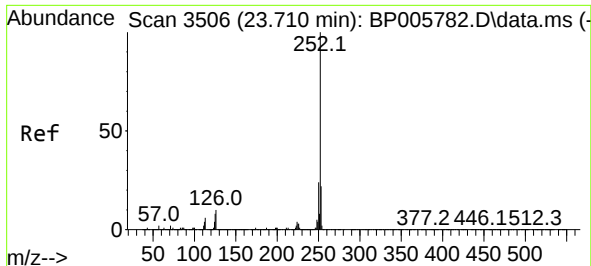
Tgt Ion:252 Resp: 167933
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 9.6 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 5.26 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.065 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:252 Resp: 167933
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 9.6 6.0 9.0#

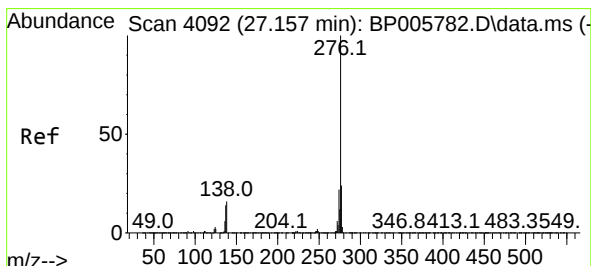
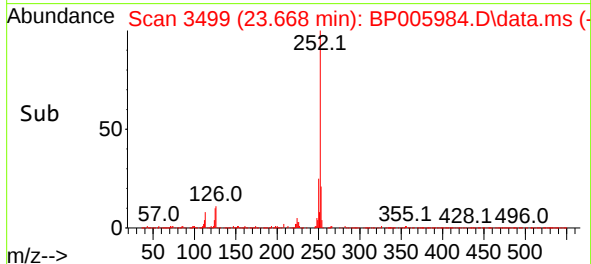
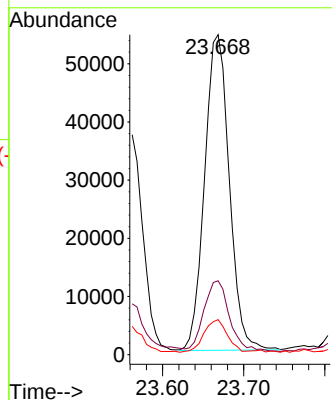
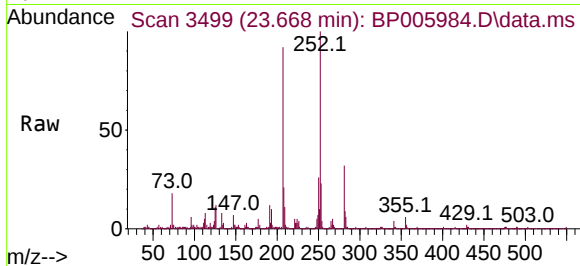




#90
Benzo(a)pyrene
Concen: 3.71 ng
RT: 23.668 min Scan# 3499
Delta R.T. -0.018 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Instrument :
BNA_P
ClientSampleId :
PX-03_14.5-15.0

Tgt Ion:252 Resp: 114682
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 11.0 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 2.26 ng
RT: 27.074 min Scan# 4078
Delta R.T. -0.047 min
Lab File: BP005984.D
Acq: 18 Jun 2021 22:15

Tgt Ion:276 Resp: 78906
Ion Ratio Lower Upper
276 100
277 26.2 18.9 28.3
138 19.4 12.6 18.8#

