

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004833.D
 Acq On : 19 Feb 2021 21:30
 Operator : CG/JU
 Sample : M1430-08 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WO-1

Quant Time: Feb 19 23:54:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

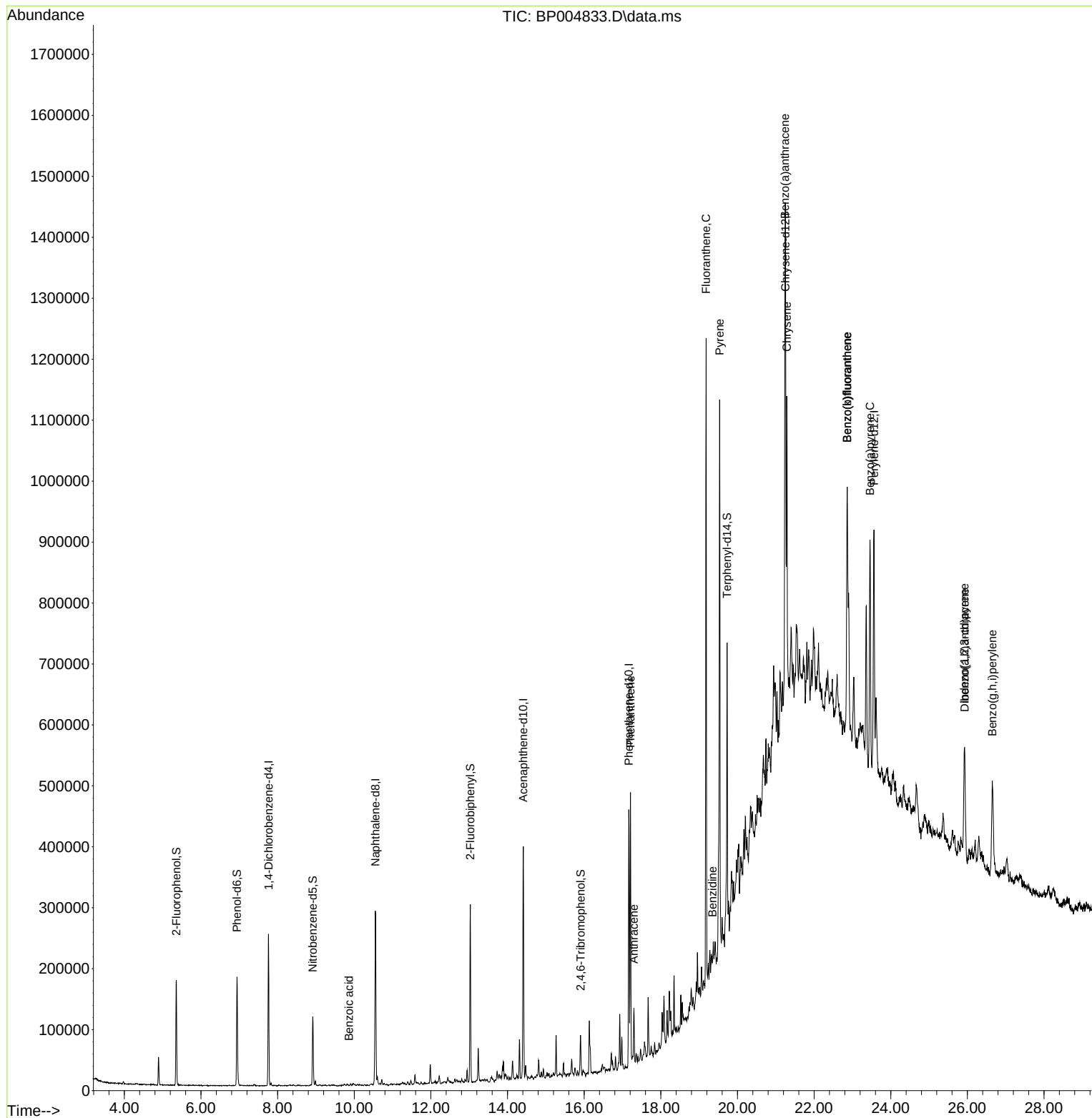
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	62862	20.00	ng	0.00
21) Naphthalene-d8	10.551	136	230036	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	126302	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	243906	20.00	ng	# 0.00
76) Chrysene-d12	21.251	240	268160	20.00	ng	0.00
86) Perylene-d12	23.562	264	292270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	72864	17.90	ng	0.00
7) Phenol-d6	6.940	99	99014	17.68	ng	0.00
23) Nitrobenzene-d5	8.916	82	64920	12.30	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	8858	5.28	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	140395	13.59	ng	0.00
79) Terphenyl-d14	19.727	244	176832	11.08	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.863	122	30	6.86	ng	# 1
71) Phenanthrene	17.210	178	265090	17.75	ng	99
72) Anthracene	17.298	178	56925	3.96	ng	99
75) Fluoranthene	19.180	202	585034	32.88	ng	99
77) Benzidine	19.345	184	207	2.18	ng	# 1
78) Pyrene	19.533	202	539846	28.55	ng	99
81) Benzo(a)anthracene	21.239	228	275917	14.51	ng	99
83) Chrysene	21.286	228	234898	12.75	ng	97
87) Indeno(1,2,3-cd)pyrene	25.921	276	192044	8.23	ng	# 93
88) Benzo(b)fluoranthene	22.863	252	461486	21.56	ng	# 97
89) Benzo(k)fluoranthene	22.863	252	461486	22.46	ng	# 97
90) Benzo(a)pyrene	23.457	252	275918	14.26	ng	96
91) Dibenzo(a,h)anthracene	25.933	278	42114	2.16	ng	# 83
92) Benzo(g,h,i)perylene	26.651	276	187447	10.04	ng	96

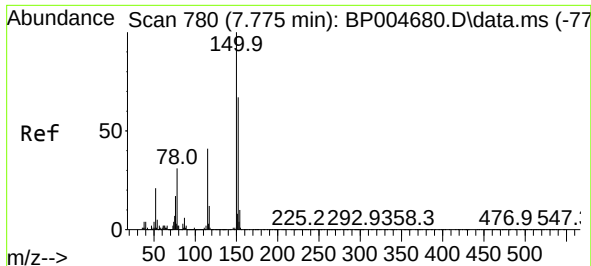
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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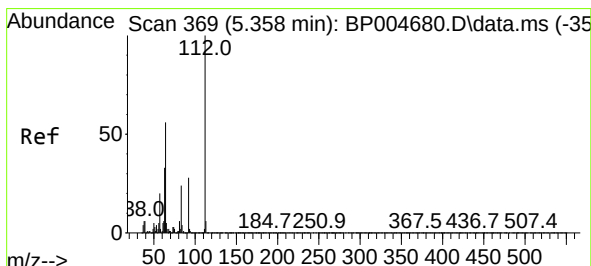
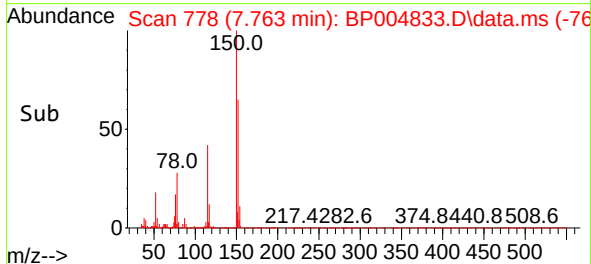
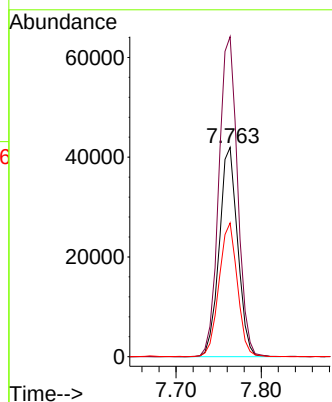
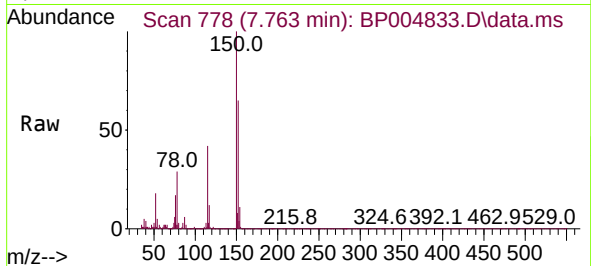




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

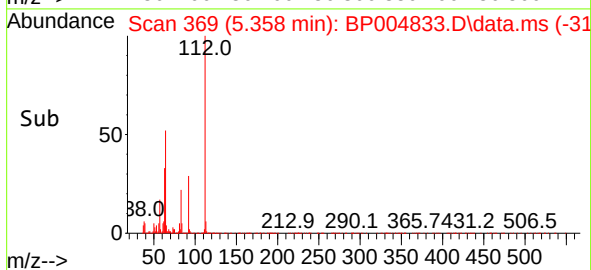
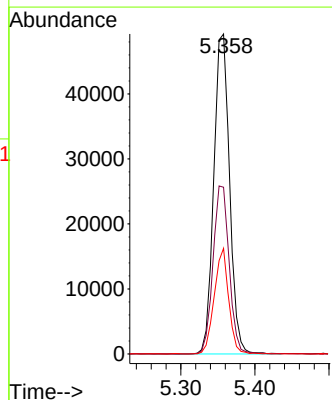
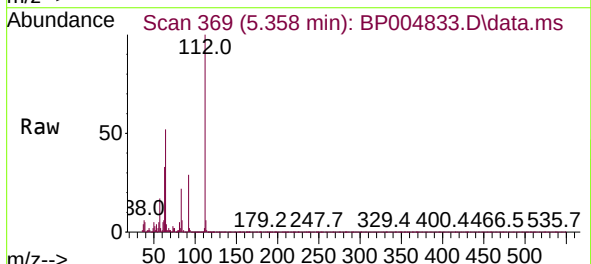
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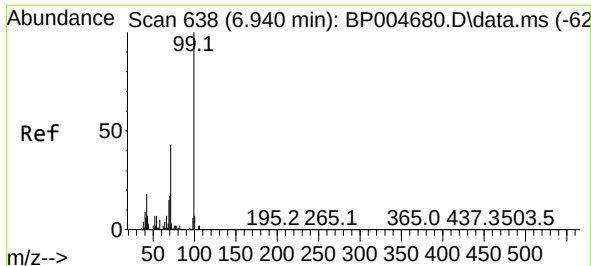
Tgt Ion:152 Resp: 62862
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 63.9 43.8 65.6



#5
2-Fluorophenol
Concen: 17.90 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:112 Resp: 72864
Ion Ratio Lower Upper
112 100
64 52.1 32.8 49.2#
63 33.0 17.0 25.4#

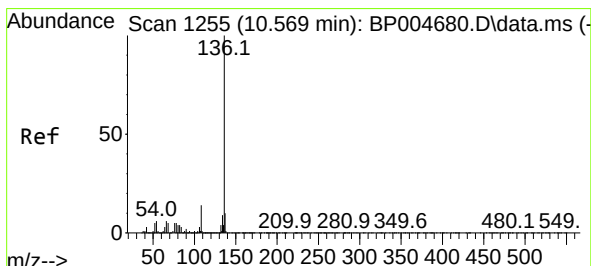
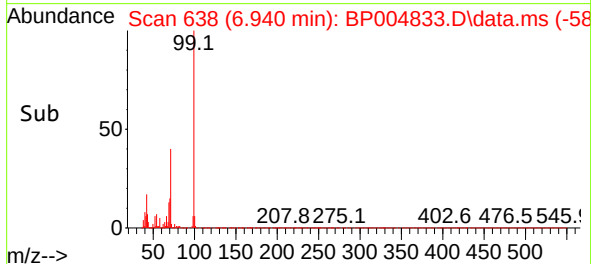
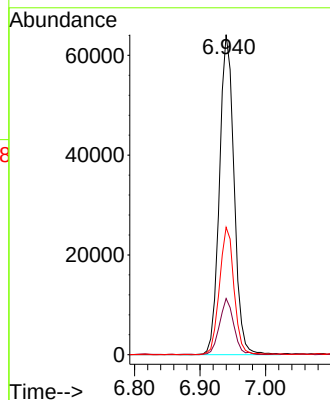
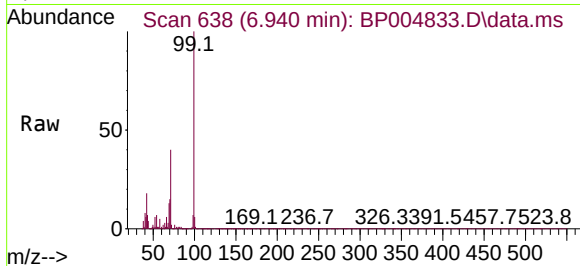




#7
Phenol-d6
Concen: 17.68 ng
RT: 6.940 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

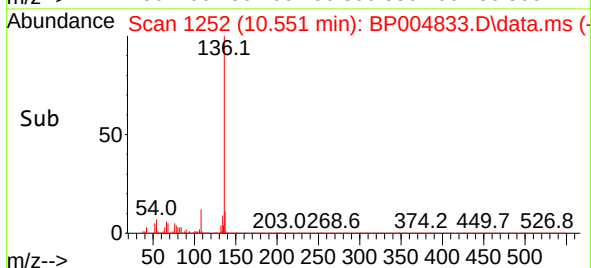
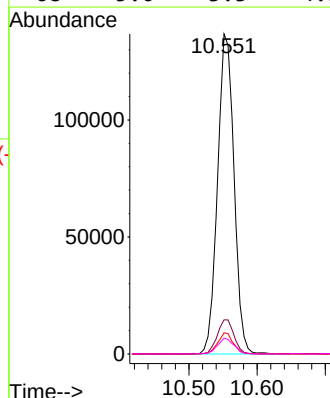
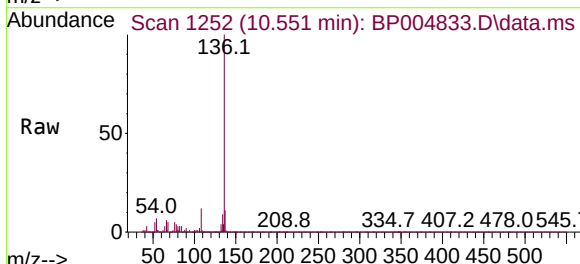
Instrument :
BNA_P
ClientSampleId :
WO-1

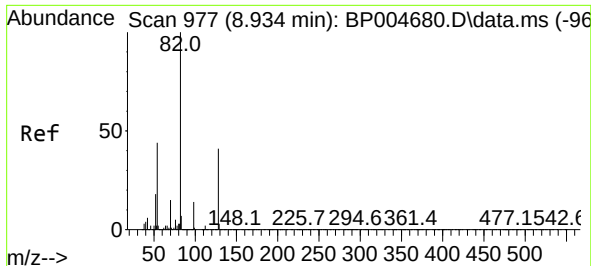
Tgt Ion:	99	Resp:	99014
Ion	Ratio	Lower	Upper
99	100		
42	17.5	8.6	13.0#
71	39.8	23.4	35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.551 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:	136	Resp:	230036
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.6	3.6	5.4#
68	5.0	3.3	4.9#

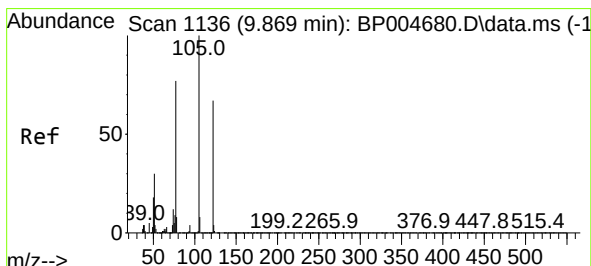
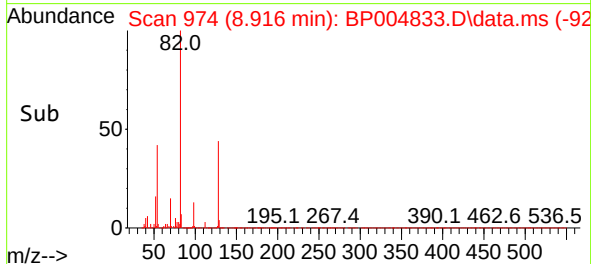
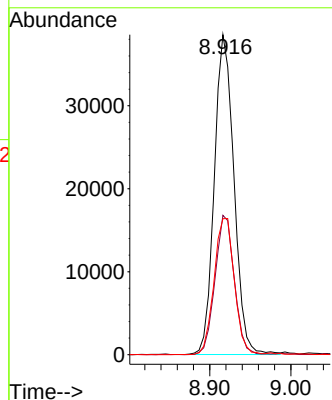
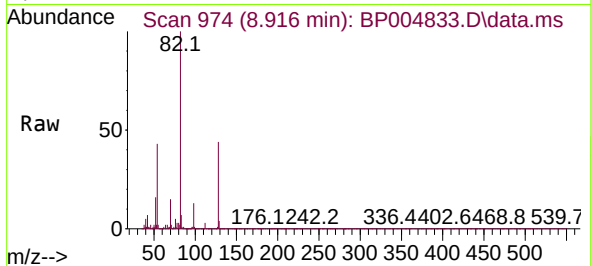




#23
Nitrobenzene-d5
Concen: 12.30 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

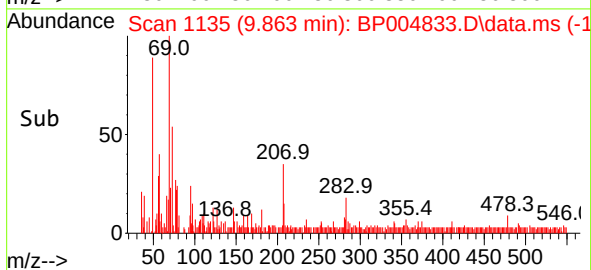
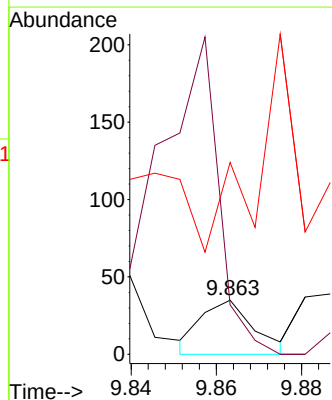
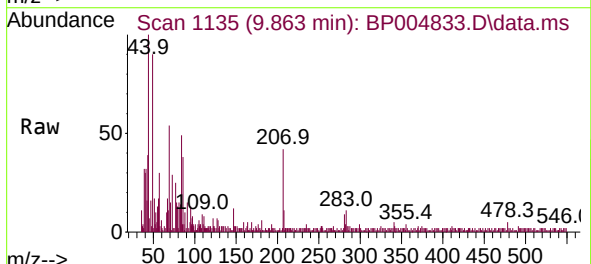
Instrument :
BNA_P
ClientSampled :
WO-1

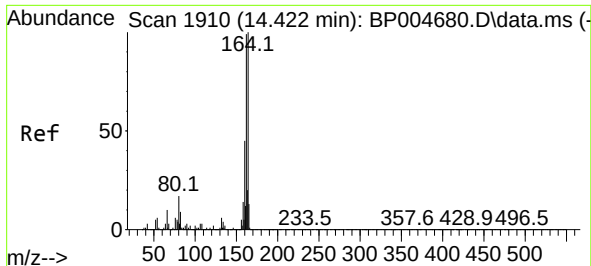
Tgt Ion: 82 Resp: 64920
Ion Ratio Lower Upper
82 100
128 43.6 45.6 68.4#
54 42.5 30.1 45.1



#32
Benzoic acid
Concen: 6.86 ng
RT: 9.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion: 122 Resp: 30
Ion Ratio Lower Upper
122 100
105 134.3 94.1 134.1#
77 354.3 50.1 90.1#

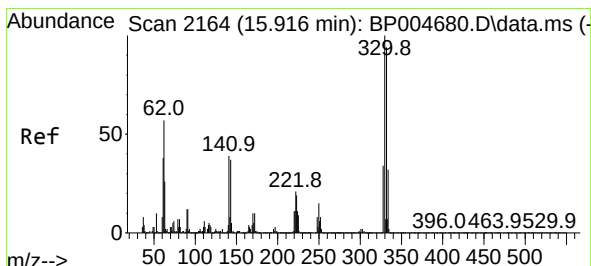
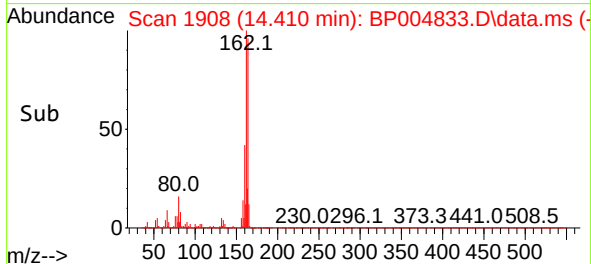
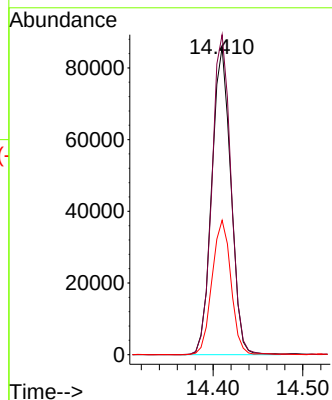
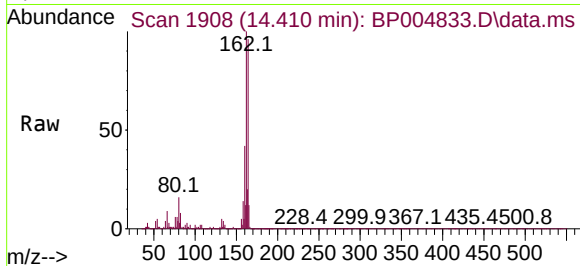




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

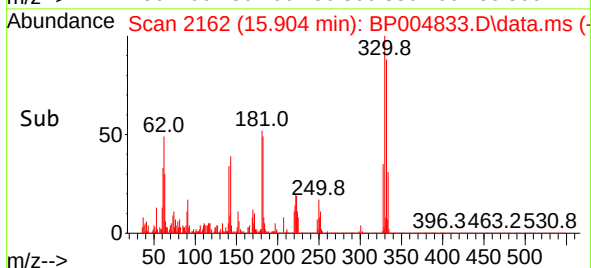
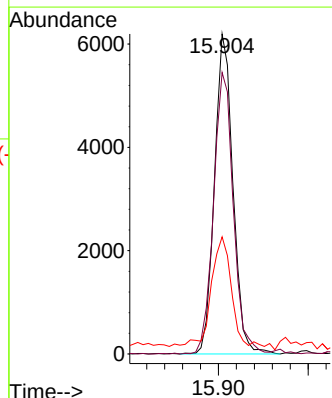
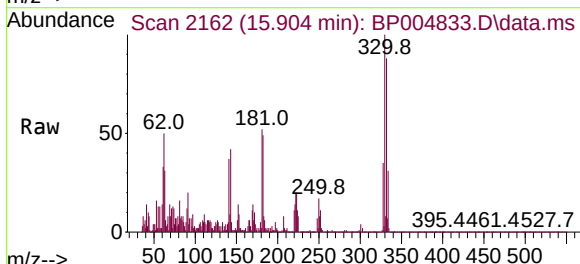
Instrument :
BNA_P
ClientSampled :
WO-1

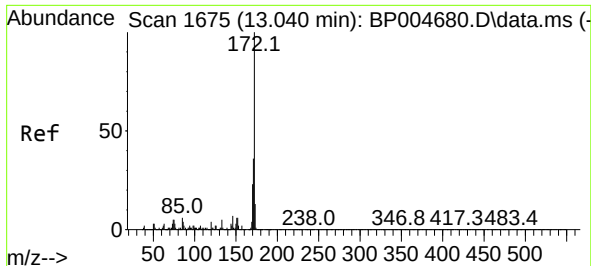
Tgt Ion:164 Resp: 126302
Ion Ratio Lower Upper
164 100
162 104.1 79.4 119.2
160 43.7 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 5.28 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:330 Resp: 8858
Ion Ratio Lower Upper
330 100
332 94.2 77.1 115.7
141 38.7 23.4 35.2#

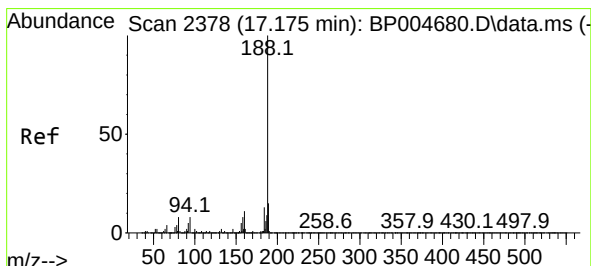
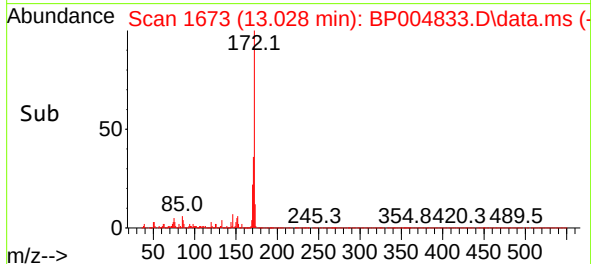
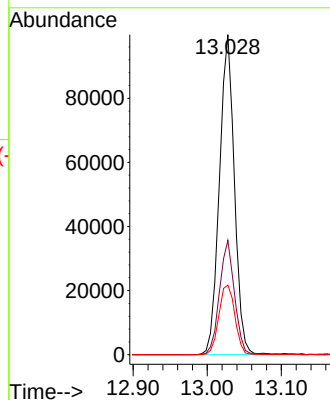
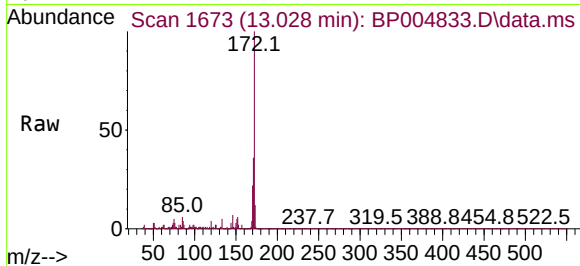




#45
2-Fluorobiphenyl
Concen: 13.59 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

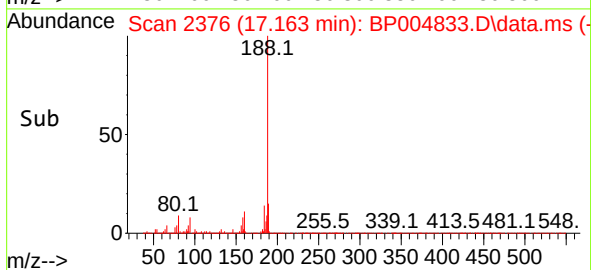
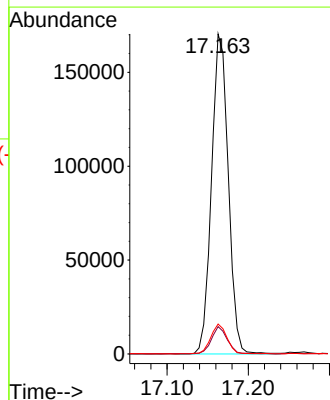
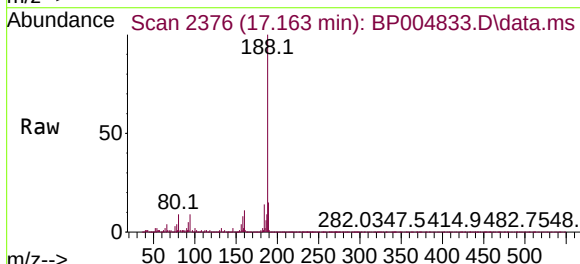
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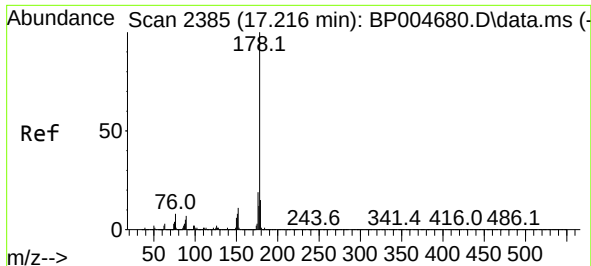
Tgt Ion:	172	Resp:	140395
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.5	42.7
170	21.8	19.2	28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:	188	Resp:	243906
Ion Ratio	Lower	Upper	
188	100		
94	8.5	6.2	9.2
80	9.4	6.2	9.2#

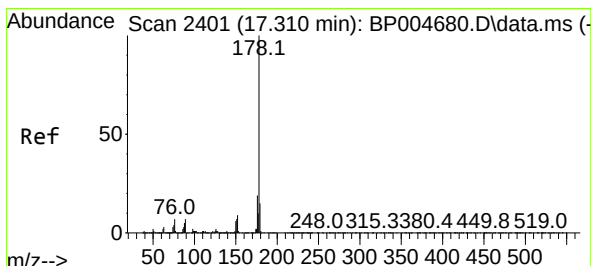
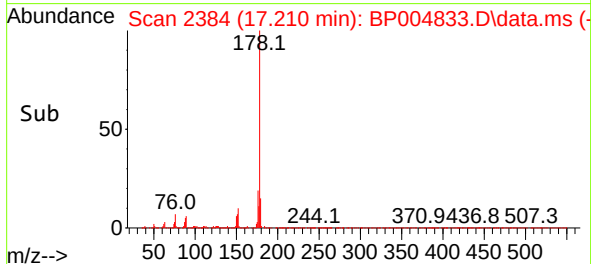
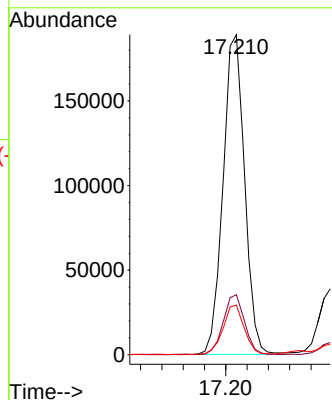
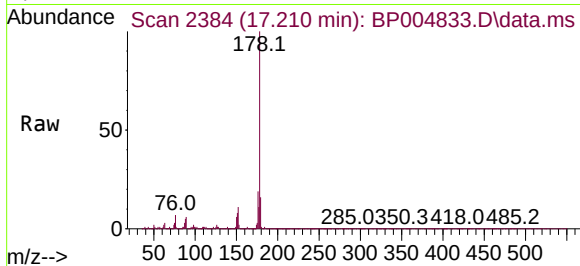




#71
Phenanthrene
Concen: 17.75 ng
RT: 17.210 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

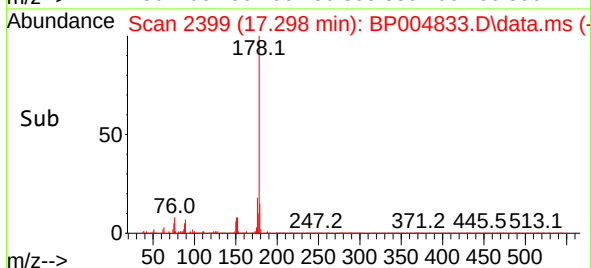
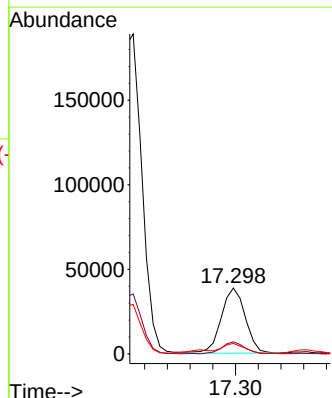
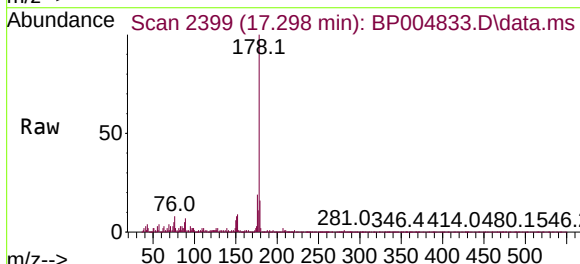
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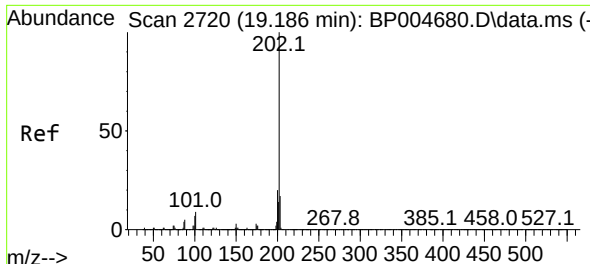
Tgt Ion:178 Resp: 265090
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 3.96 ng
RT: 17.298 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:178 Resp: 56925
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 16.0 12.5 18.7

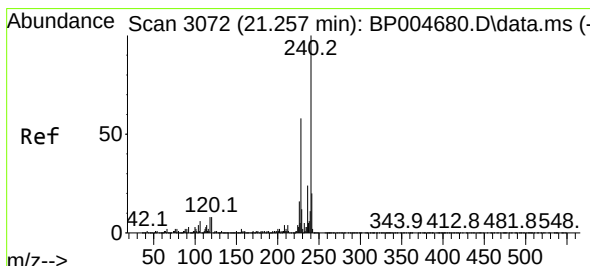
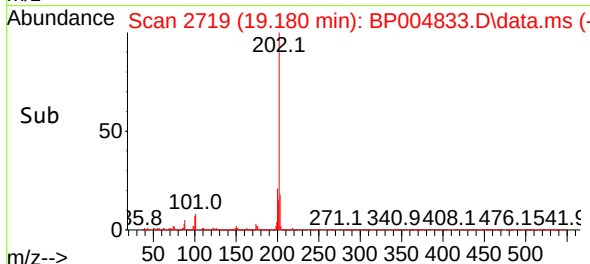
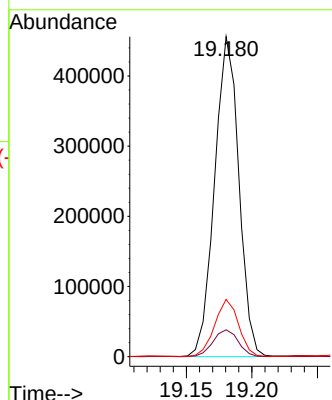
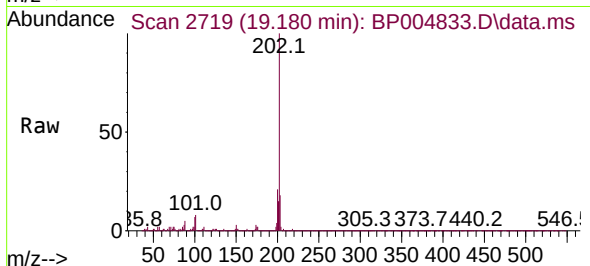




#75
Fluoranthene
Concen: 32.88 ng
RT: 19.180 min Scan# 2719
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

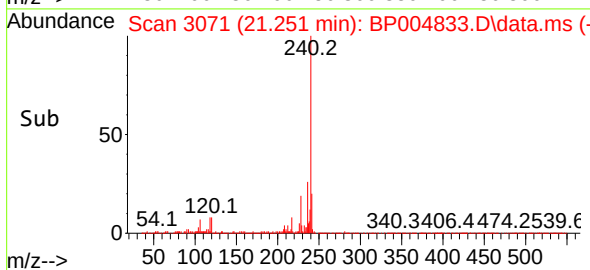
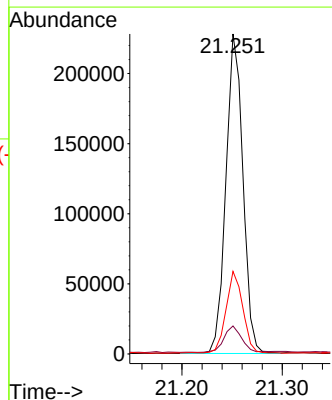
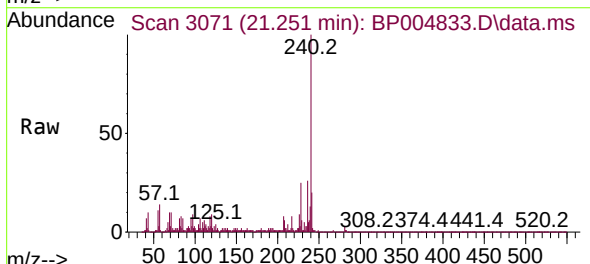
Instrument :
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ClientSampled :
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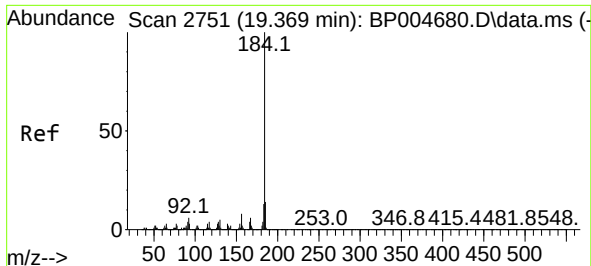
Tgt Ion:202 Resp: 585034
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.4
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:240 Resp: 268160
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.8 20.8 31.2

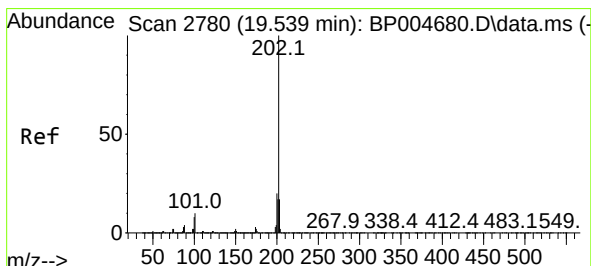
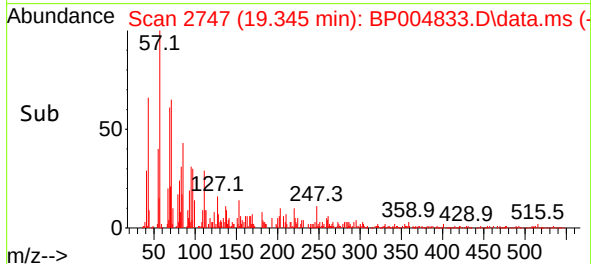
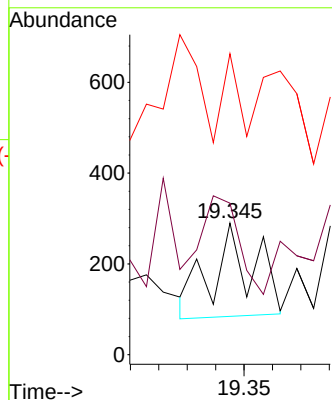
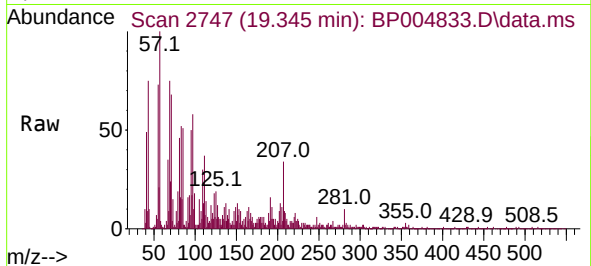




#77
Benzidine
Concen: 2.18 ng
RT: 19.345 min Scan# 2747
Delta R.T. -0.017 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

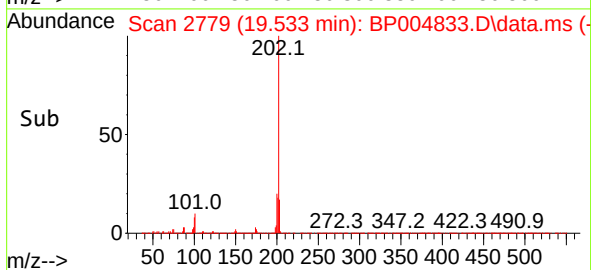
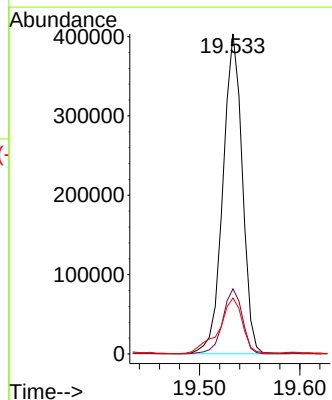
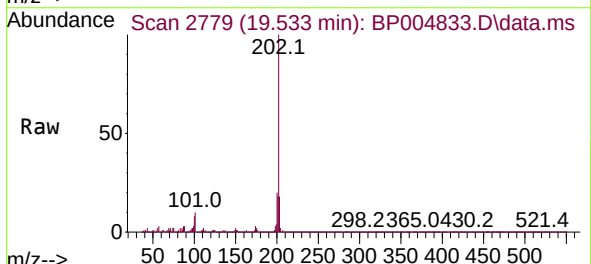
Instrument :
BNA_P
ClientSampleId :
WO-1

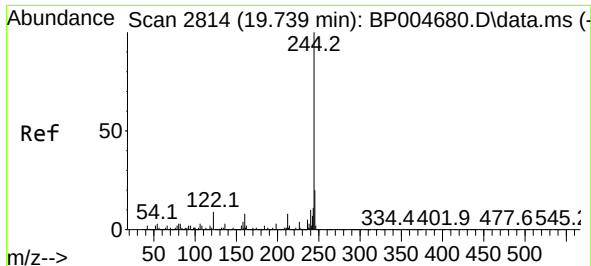
Tgt Ion:184 Resp: 207
Ion Ratio Lower Upper
184 100
185 115.2 11.5 17.3#
183 228.6 9.6 14.4#



#78
Pyrene
Concen: 28.55 ng
RT: 19.533 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:202 Resp: 539846
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 17.5 14.2 21.2

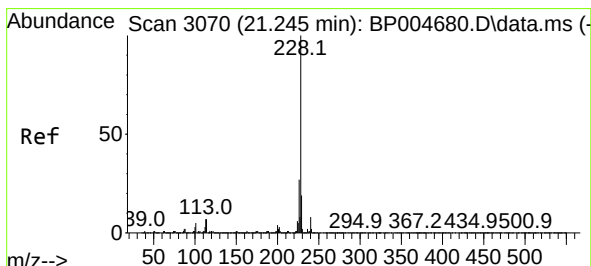
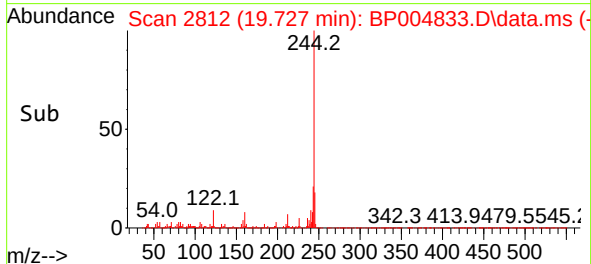
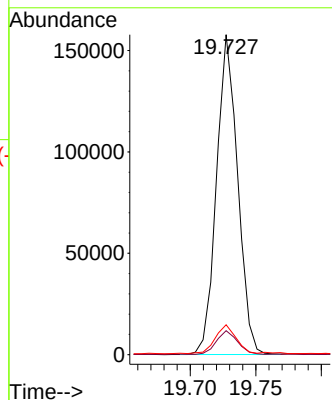
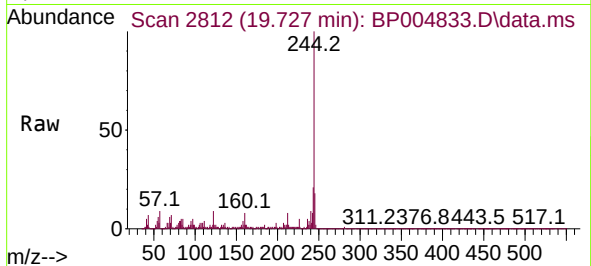




#79
 Terphenyl-d14
 Concen: 11.08 ng
 RT: 19.727 min Scan# 2812
 Delta R.T. -0.006 min
 Lab File: BP004833.D
 Acq: 19 Feb 2021 21:30

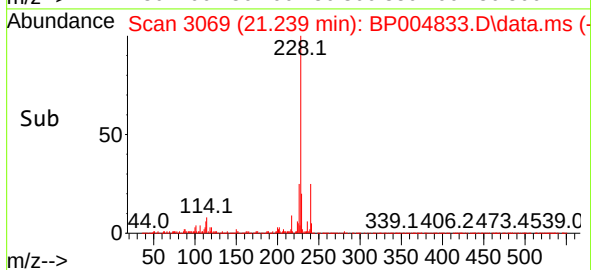
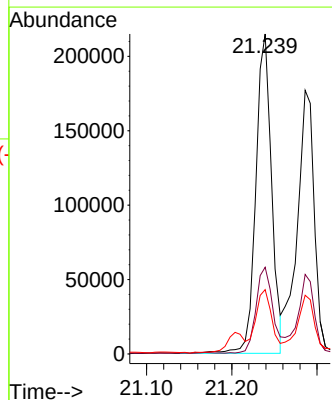
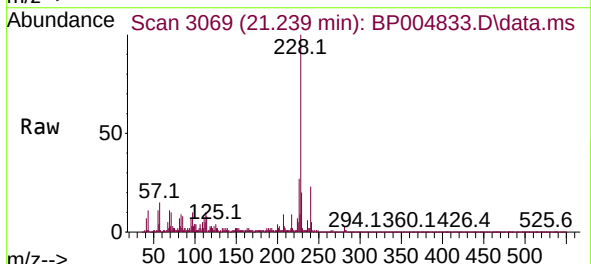
Instrument :
 BNA_P
 ClientSampled :
 WO-1

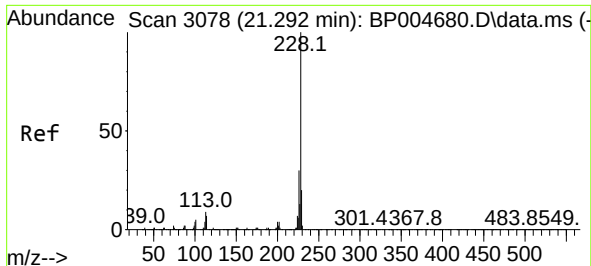
Tgt Ion:244	Resp:	176832
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.8 8.6
122	9.4	7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 14.51 ng
 RT: 21.239 min Scan# 3069
 Delta R.T. 0.000 min
 Lab File: BP004833.D
 Acq: 19 Feb 2021 21:30

Tgt Ion:228	Resp:	275917
Ion Ratio	Lower	Upper
228	100	
226	27.1	22.1 33.1
229	20.1	15.9 23.9

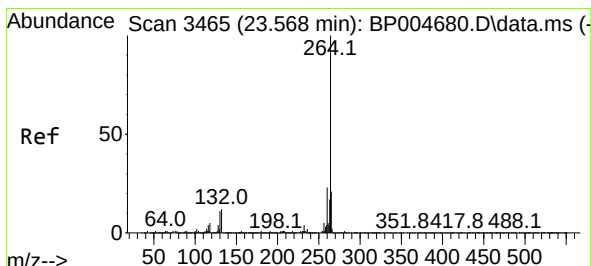
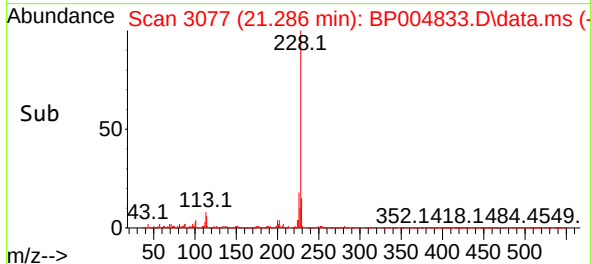
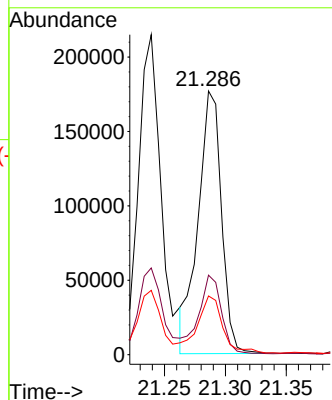
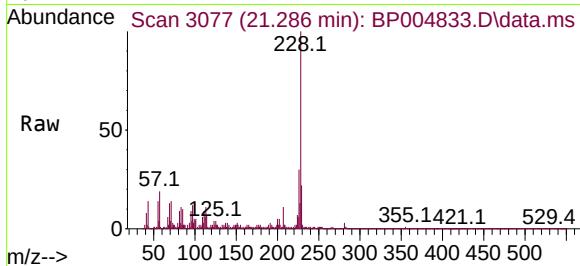




#83
Chrysene
Concen: 12.75 ng
RT: 21.286 min Scan# 3077
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

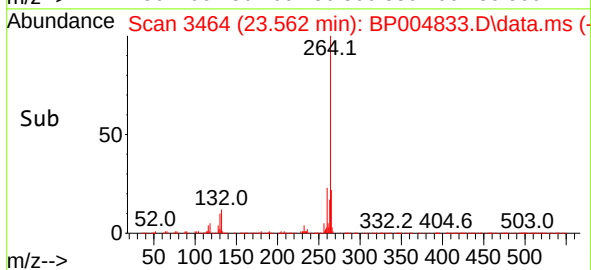
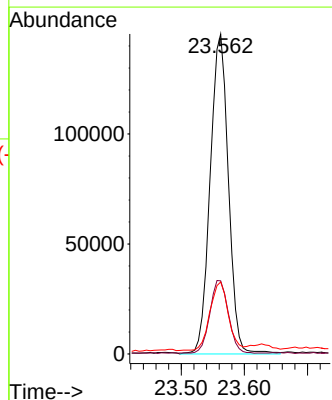
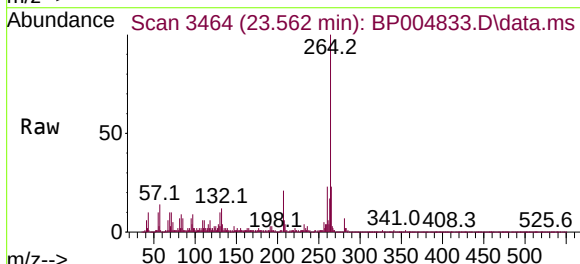
Instrument :
BNA_P
ClientSampled :
WO-1

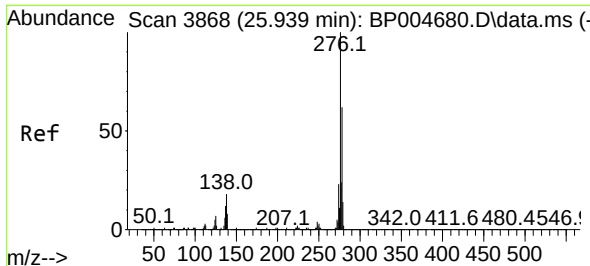
Tgt Ion:228 Resp: 234898
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 22.3 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.562 min Scan# 3464
Delta R.T. 0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:264 Resp: 292270
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 22.5 17.4 26.2

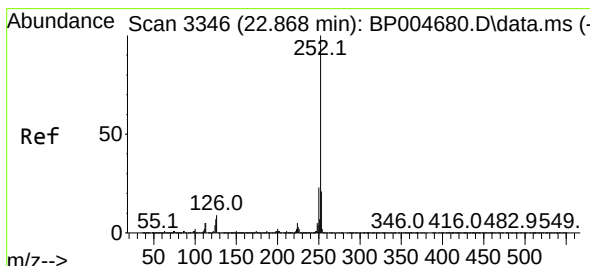
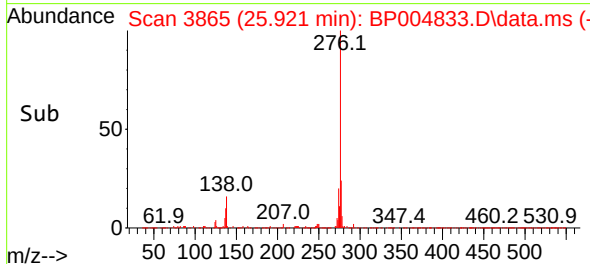
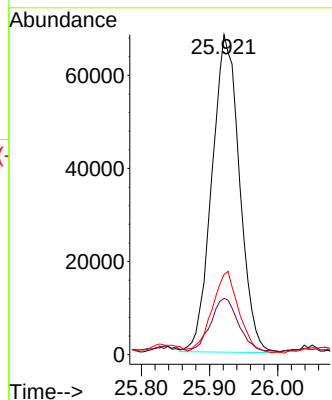
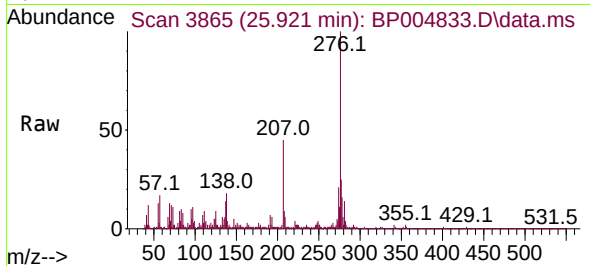




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.23 ng
RT: 25.921 min Scan# 3865
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

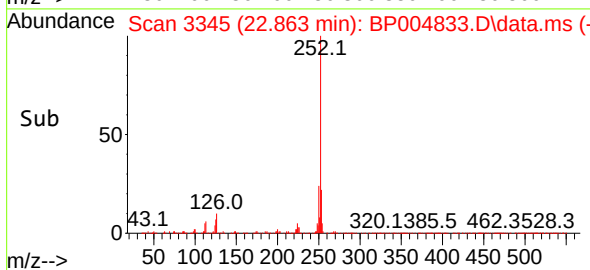
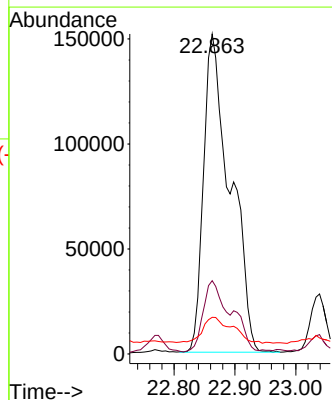
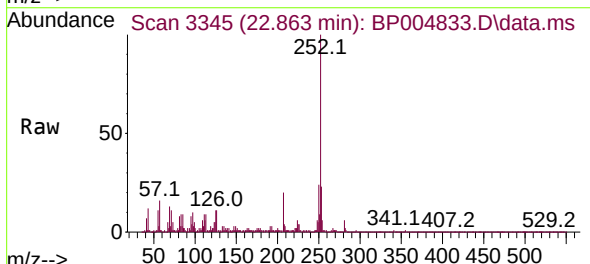
Instrument :
BNA_P
ClientSampled :
WO-1

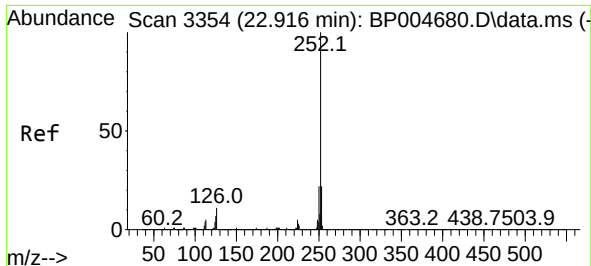
Tgt Ion:276 Resp: 192044
Ion Ratio Lower Upper
276 100
138 17.0 18.7 28.1#
277 24.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 21.56 ng
RT: 22.863 min Scan# 3345
Delta R.T. 0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:252 Resp: 461486
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 11.4 7.3 10.9#

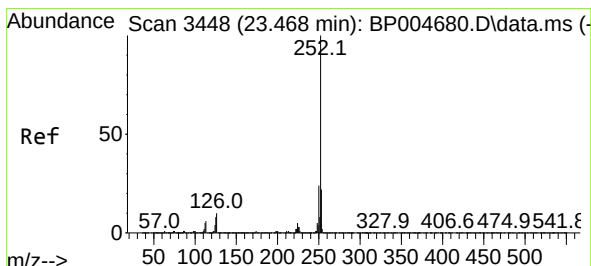
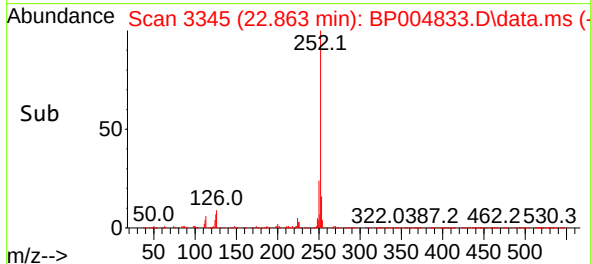
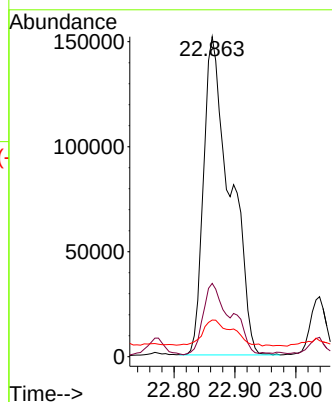
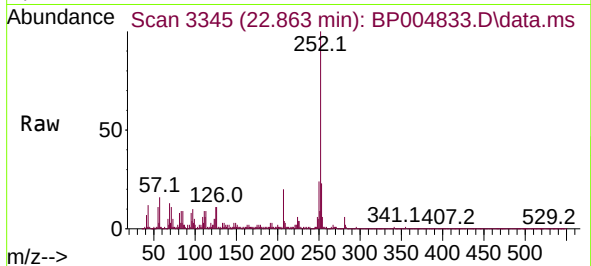




#89
Benzo(k)fluoranthene
Concen: 22.46 ng
RT: 22.863 min Scan# 3345
Delta R.T. -0.041 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

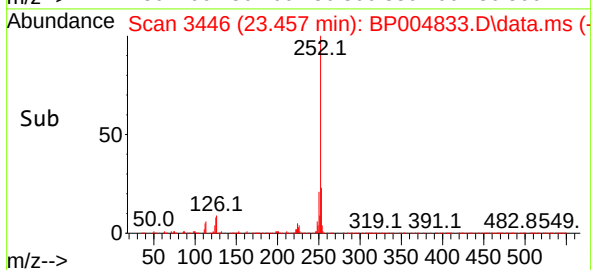
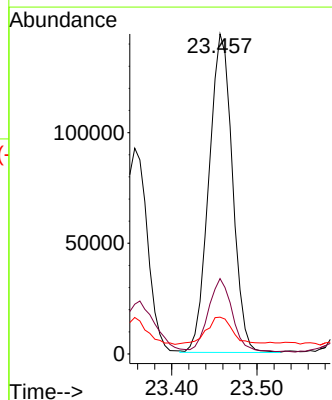
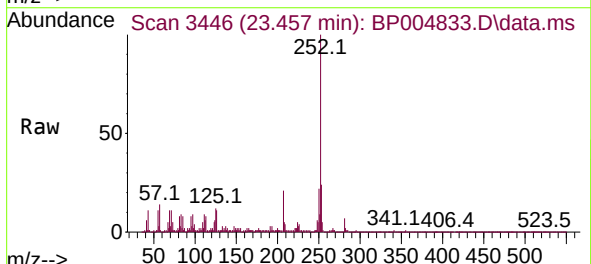
Instrument :
BNA_P
ClientSampled :
WO-1

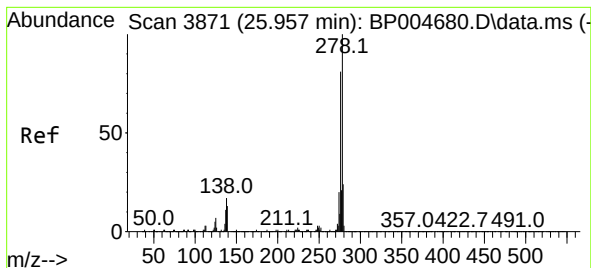
Tgt Ion:252 Resp: 461486
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.4 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 14.26 ng
RT: 23.457 min Scan# 3446
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:252 Resp: 275918
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 11.5 8.2 12.4

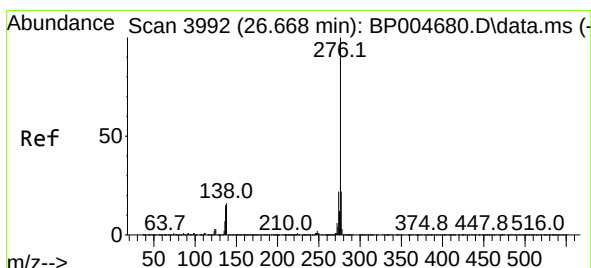
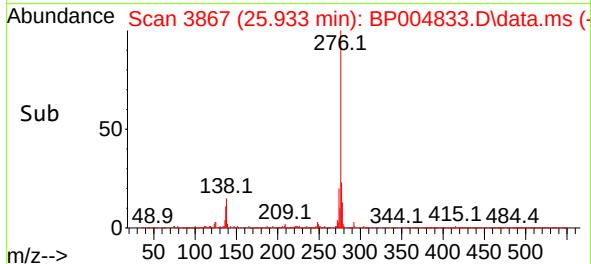
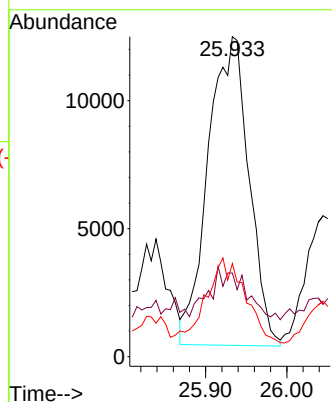
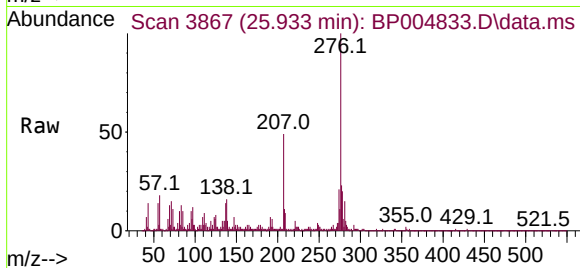




#91
Dibenzo(a,h)anthracene
Concen: 2.16 ng
RT: 25.933 min Scan# 3867
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Instrument :
BNA_P
ClientSampled :
WO-1

Tgt Ion:278 Resp: 42114
Ion Ratio Lower Upper
278 100
139 26.2 12.4 18.6#
279 29.1 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 10.04 ng
RT: 26.651 min Scan# 3989
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:276 Resp: 187447
Ion Ratio Lower Upper
276 100
277 25.1 19.0 28.6
138 18.3 16.6 24.8

