

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082321\
 Data File : BP006836.D
 Acq On : 23 Aug 2021 18:04
 Operator : CG/JU
 Sample : M3502-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 POST-MAEC-02

Quant Time: Aug 24 03:13:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 11:39:38 2021
 Response via : Initial Calibration

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

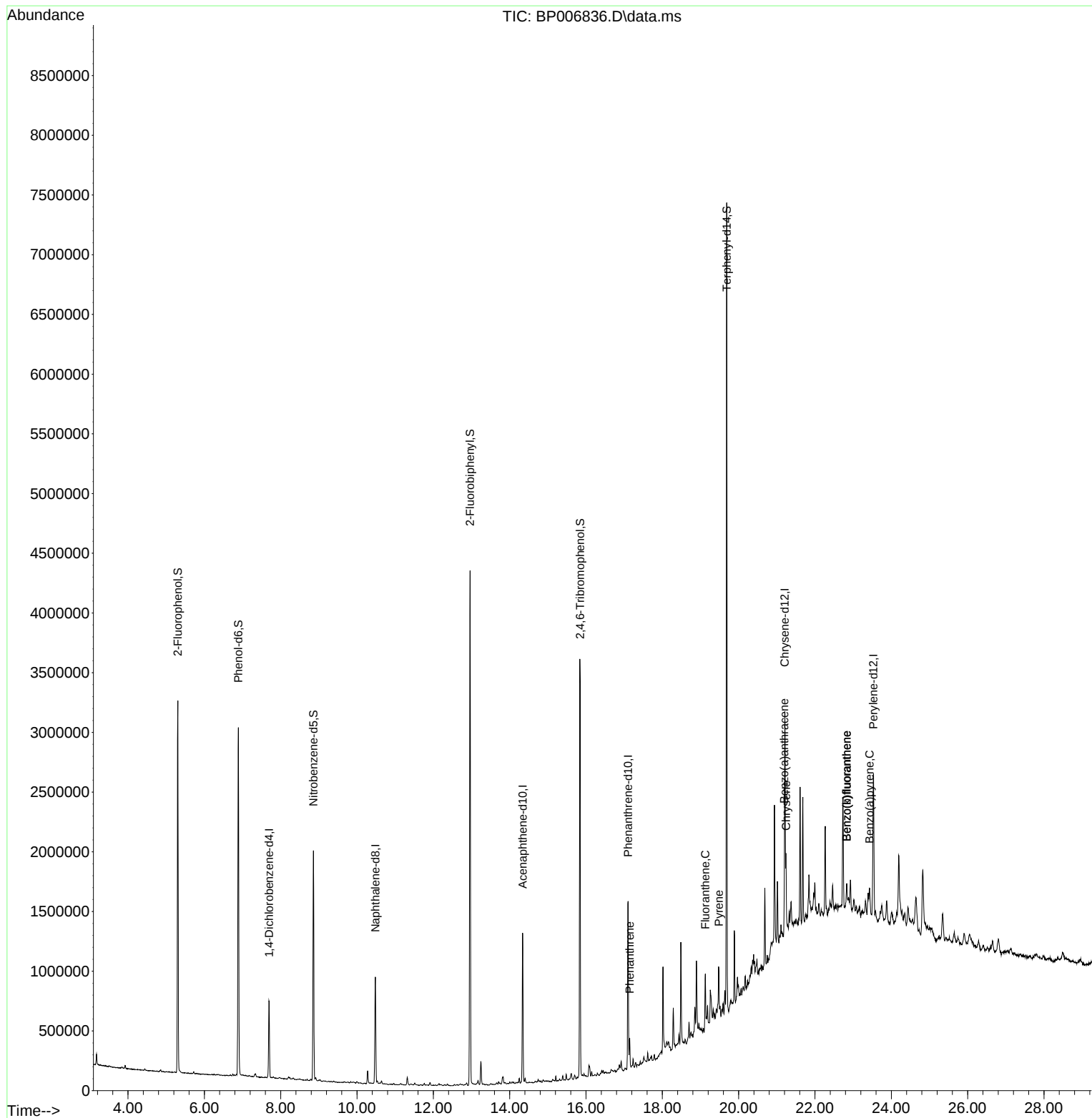
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	170849	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	721271	20.000	ng	# 0.00
39) Acenaphthene-d10	14.339	164	404855	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	796656	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	750443	20.000	ng	# 0.00
86) Perylene-d12	23.533	264	826026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1331701	119.721	ng	0.00
7) Phenol-d6	6.893	99	1699521	107.558	ng	0.00
23) Nitrobenzene-d5	8.857	82	1149950	73.591	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	579404	136.937	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2038835	75.344	ng	0.00
79) Terphenyl-d14	19.686	244	2700732	72.113	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.145	178	142945	3.181	ng	100
75) Fluoranthene	19.127	202	239700	4.753	ng	95
78) Pyrene	19.480	202	212116	4.232	ng	98
81) Benzo(a)anthracene	21.198	228	115537	2.356	ng	# 92
83) Chrysene	21.245	228	115589	2.431	ng	# 93
88) Benzo(b)fluoranthene	22.827	252	138147	2.573	ng	# 75
89) Benzo(k)fluoranthene	22.827	252	138147	2.680	ng	# 76
90) Benzo(a)pyrene	23.427	252	108634	2.256	ng	# 81

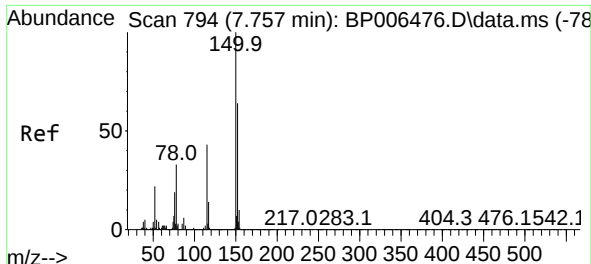
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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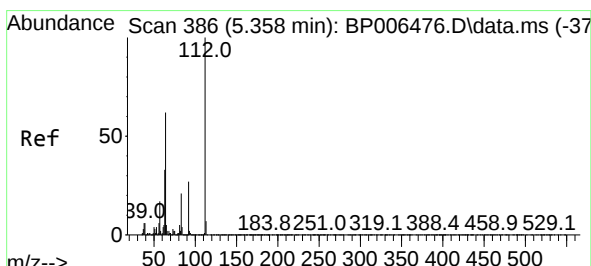
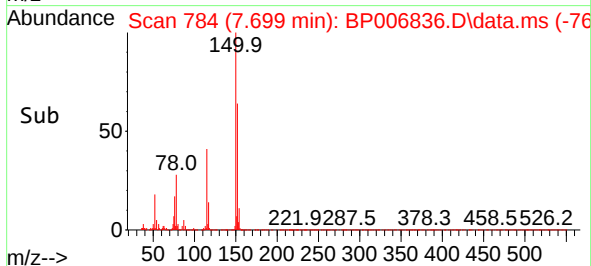
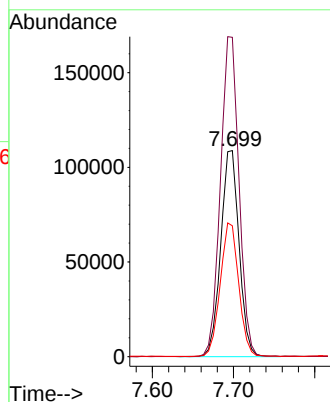
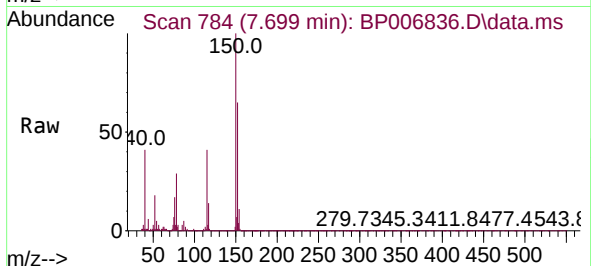




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 784
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

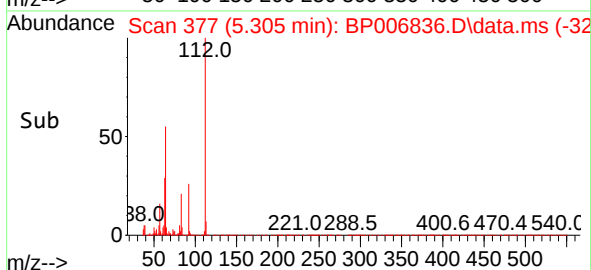
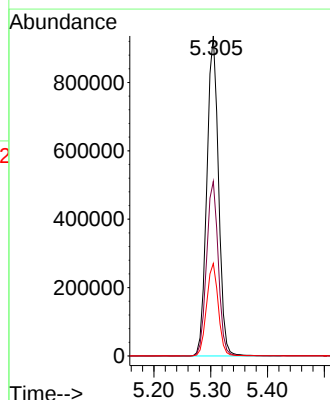
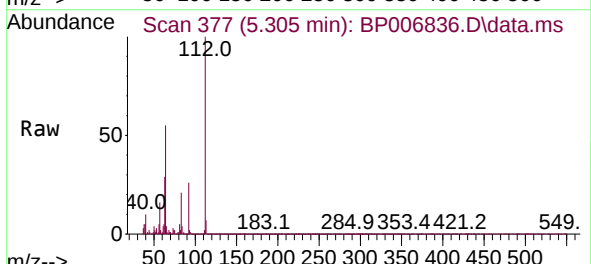
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

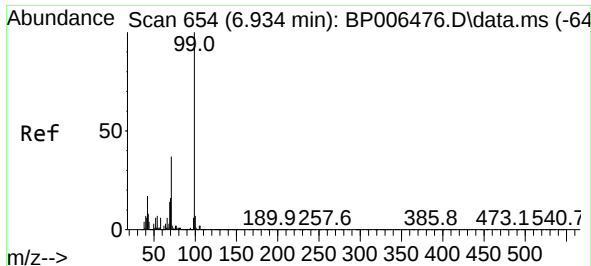
Tgt Ion:152 Resp: 170849
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 63.5 48.5 72.7



#5
2-Fluorophenol
Concen: 119.721 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Tgt Ion:112 Resp: 1331701
Ion Ratio Lower Upper
112 100
64 54.6 41.4 62.2
63 28.9 23.8 35.8



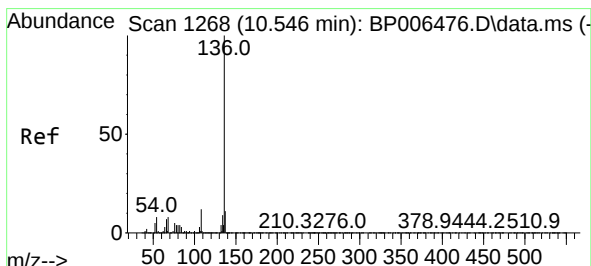
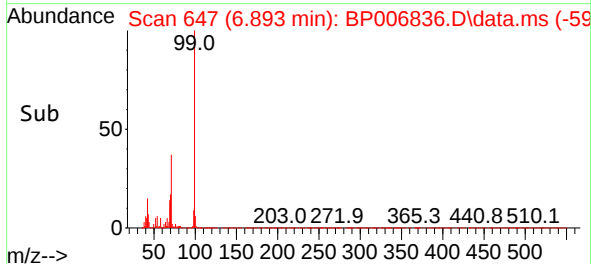
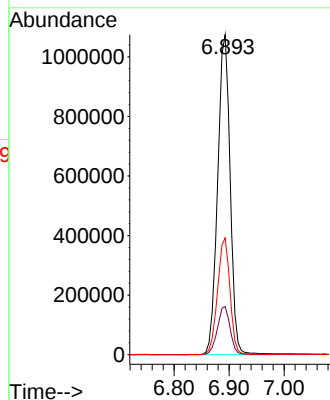
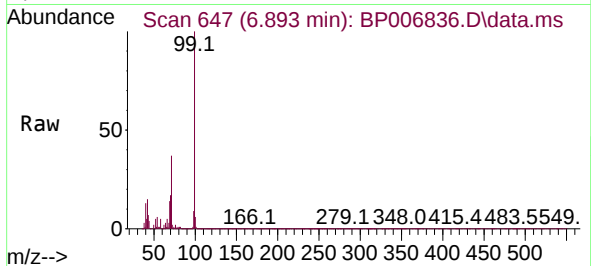


#7
Phenol-d6
Concen: 107.558 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

Tgt Ion: 99 Resp: 1699521

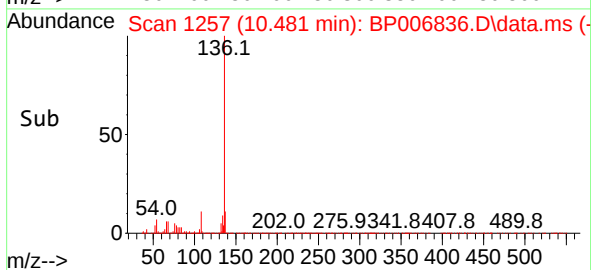
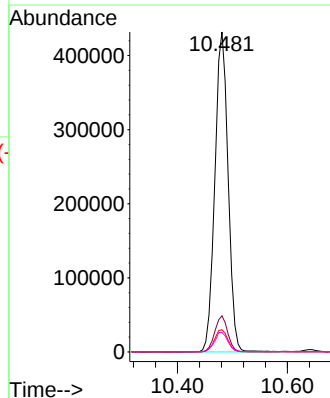
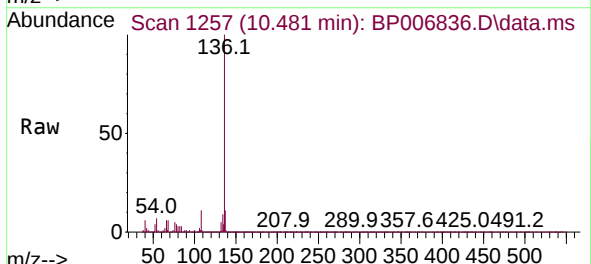
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	36.5	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Tgt Ion: 136 Resp: 721271

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	7.0	4.6	6.8#
68	6.1	3.6	5.4#

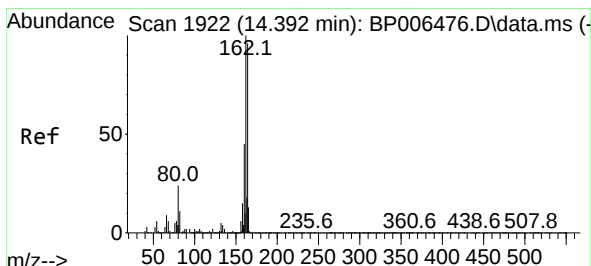
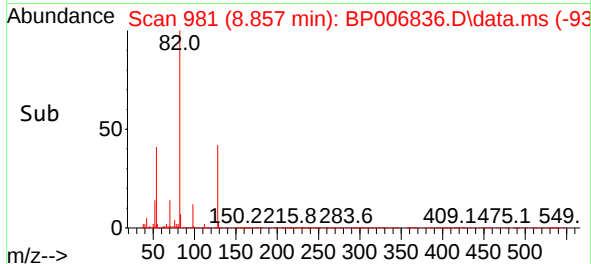
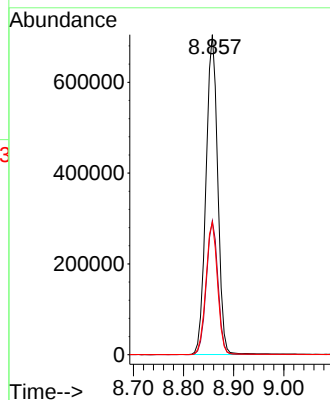
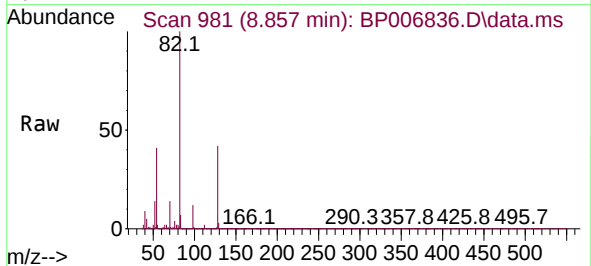




#23
Nitrobenzene-d5
Concen: 73.591 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

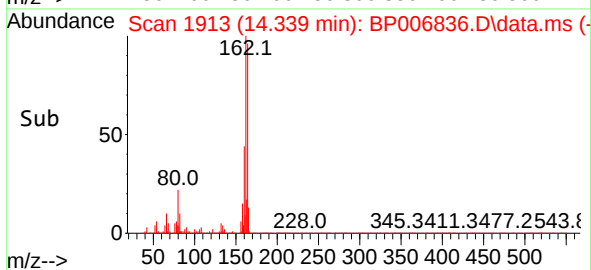
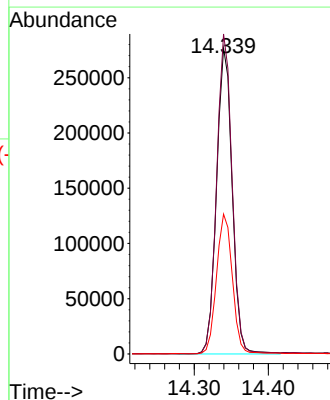
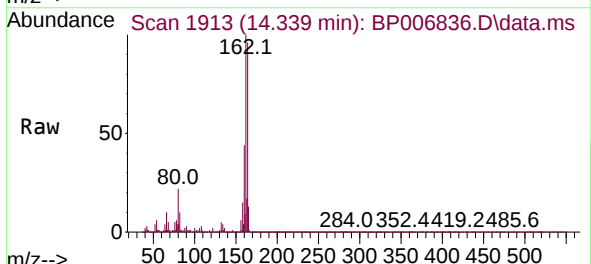
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

Tgt Ion: 82 Resp: 1149950
Ion Ratio Lower Upper
82 100
128 41.9 35.7 53.5
54 41.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Tgt Ion:164 Resp: 404855
Ion Ratio Lower Upper
164 100
162 104.6 80.2 120.2
160 45.7 34.5 51.7

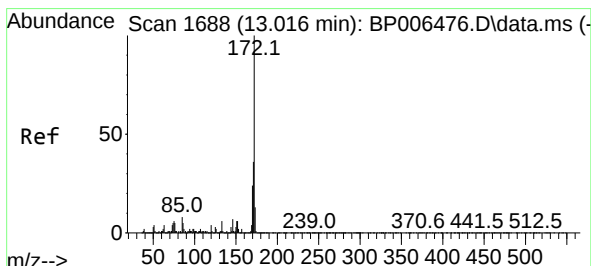
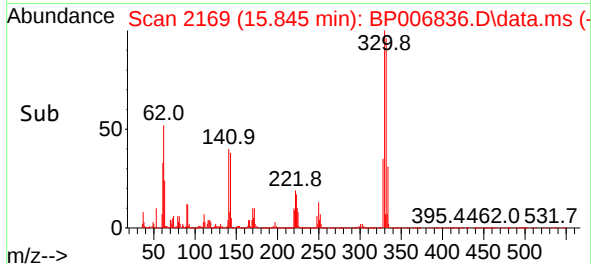
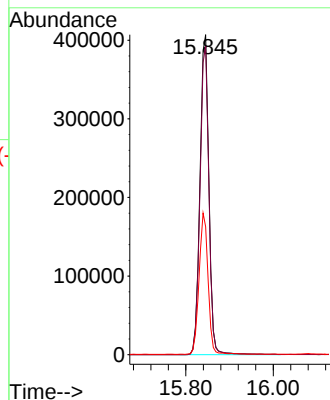
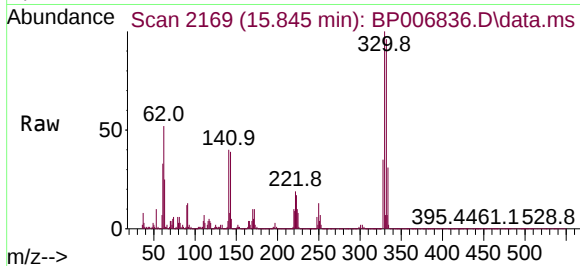




#42
2,4,6-Tribromophenol
Concen: 136.937 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

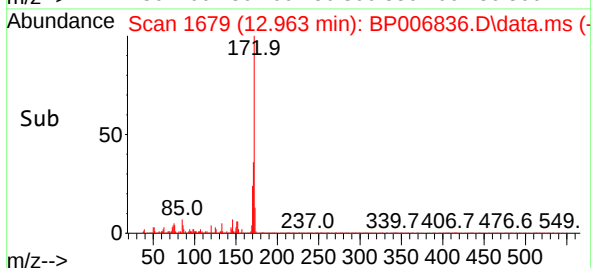
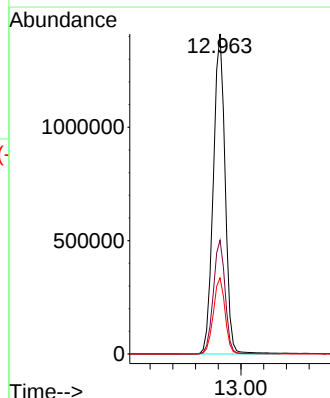
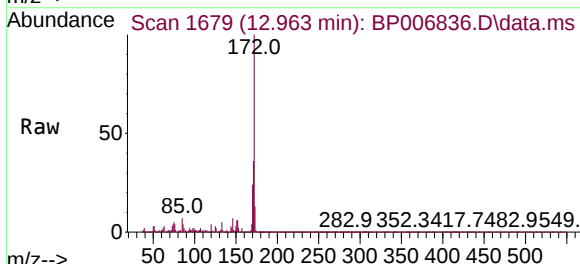
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

Tgt Ion:330 Resp: 579404
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 44.4 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 75.344 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Tgt Ion:172 Resp: 2038835
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.7 18.6 27.8

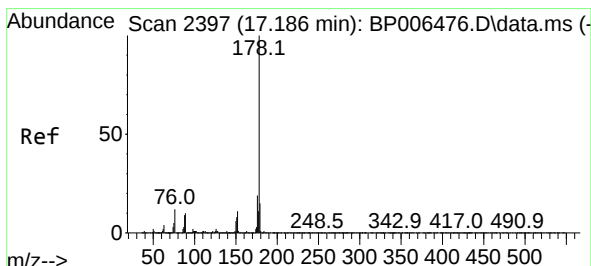
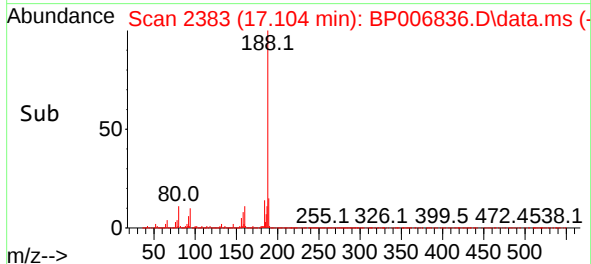
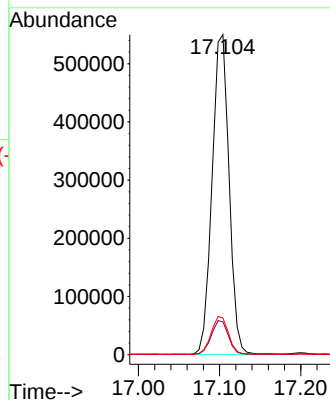
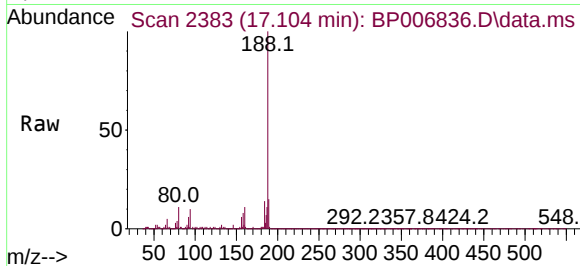




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

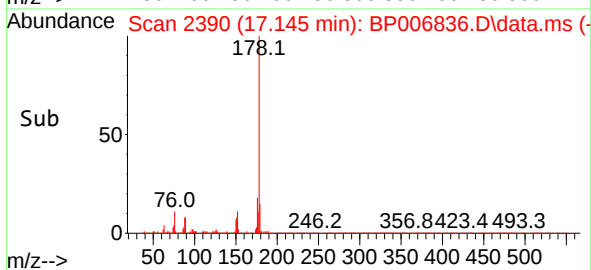
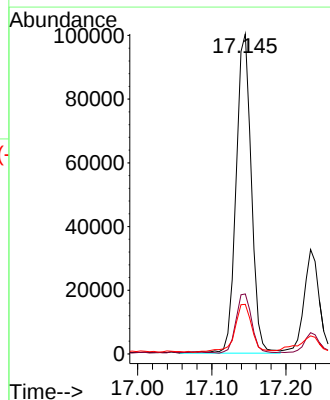
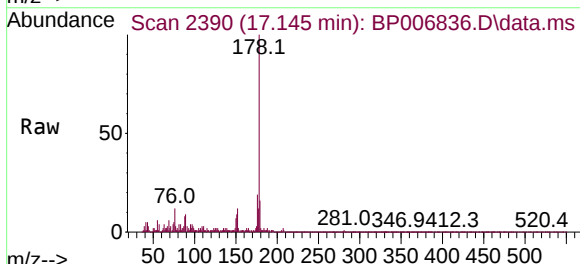
Instrument :
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ClientSampleId :
POST-MAEC-02

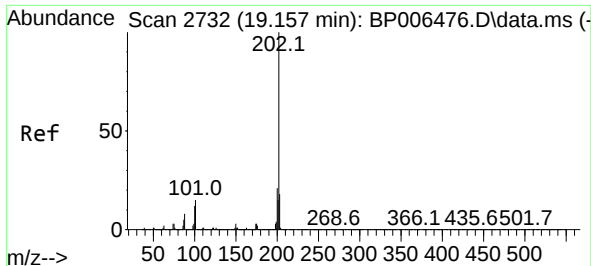
Tgt Ion:188 Resp: 796656
Ion Ratio Lower Upper
188 100
94 10.2 5.6 8.4#
80 11.5 6.3 9.5#



#71
Phenanthrene
Concen: 3.181 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Tgt Ion:178 Resp: 142945
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.4 18.6

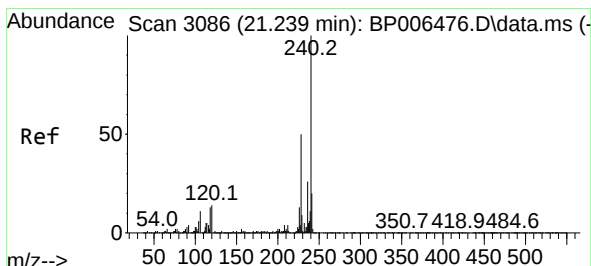
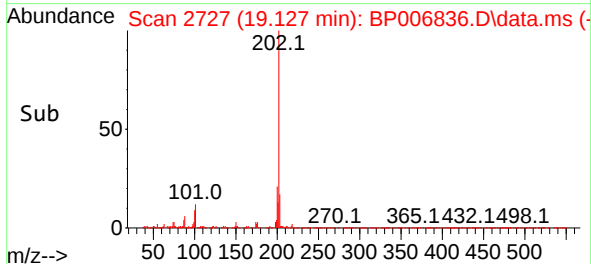
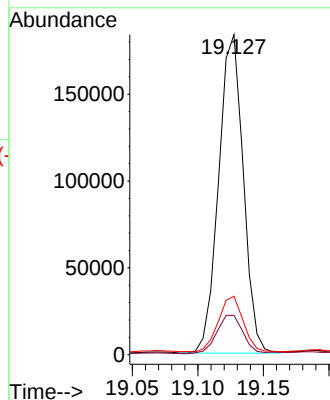
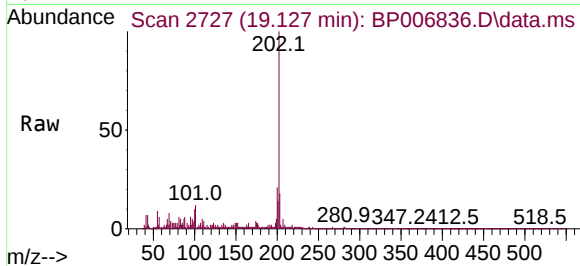




#75
Fluoranthene
Concen: 4.753 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

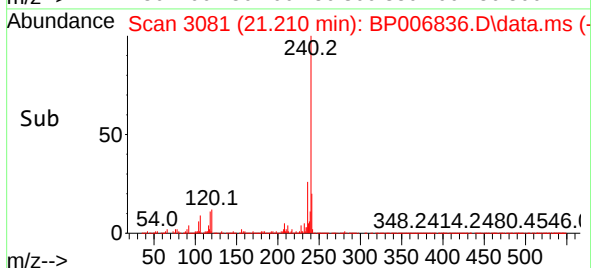
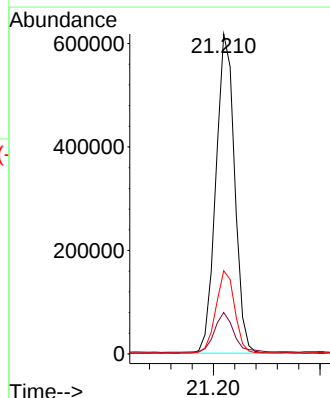
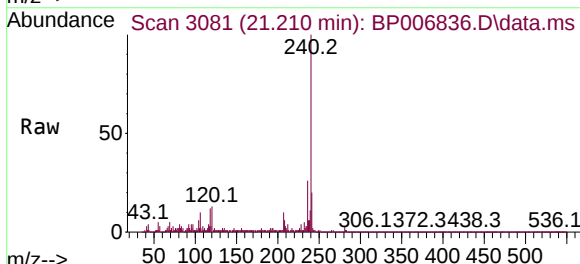
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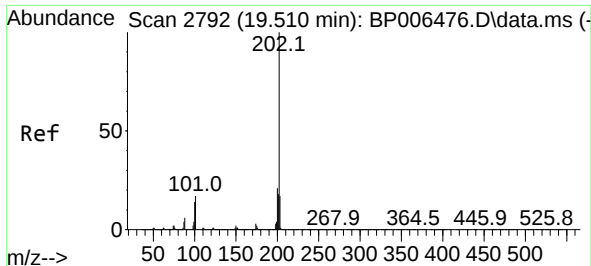
Tgt Ion:	202	Resp:	239700
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	27.6
203	18.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Tgt Ion:	240	Resp:	750443
Ion Ratio	Lower	Upper	
240	100		
120	13.0	6.5	9.7#
236	26.0	20.6	31.0

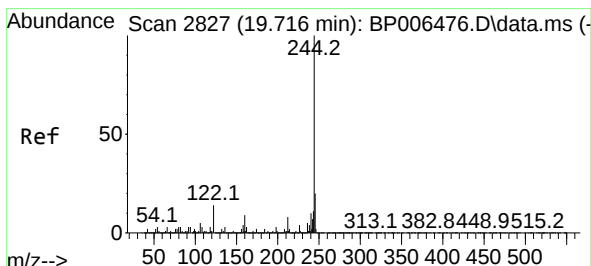
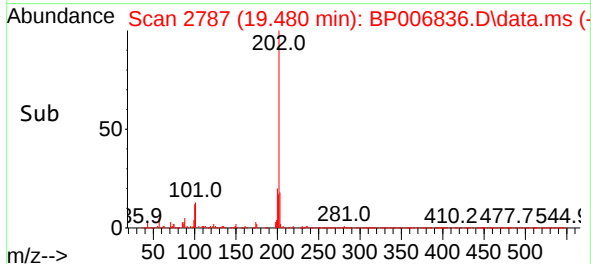
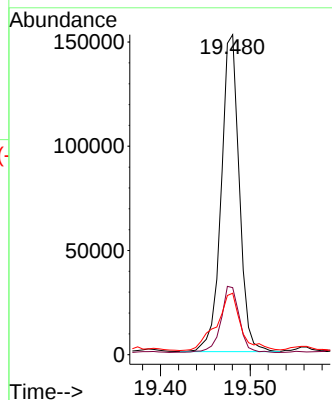
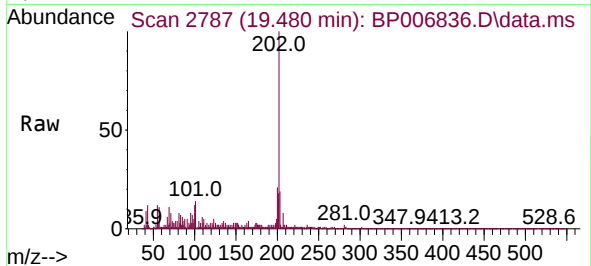




#78
Pyrene
Concen: 4.232 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

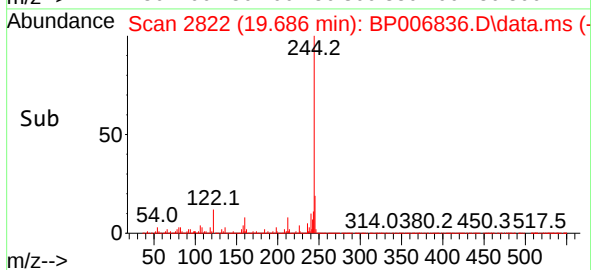
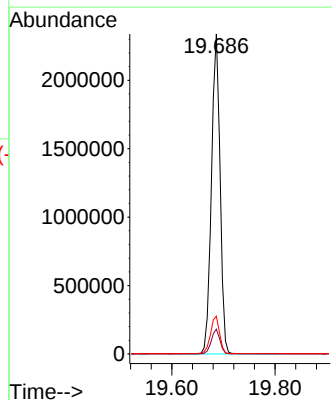
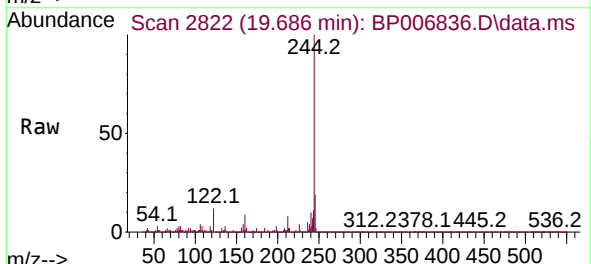
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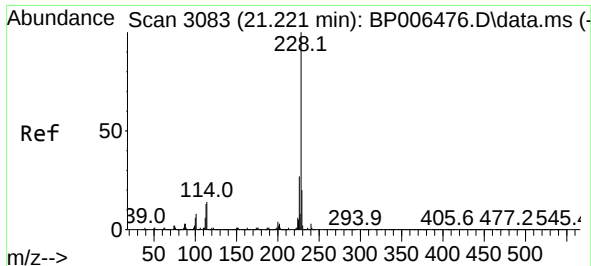
Tgt Ion:202 Resp: 212116
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 19.2 14.2 21.2



#79
Terphenyl-d14
Concen: 72.113 ng
RT: 19.686 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Tgt Ion:244 Resp: 2700732
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 11.8 7.1 10.7#

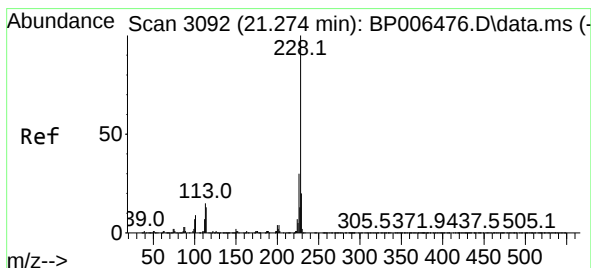
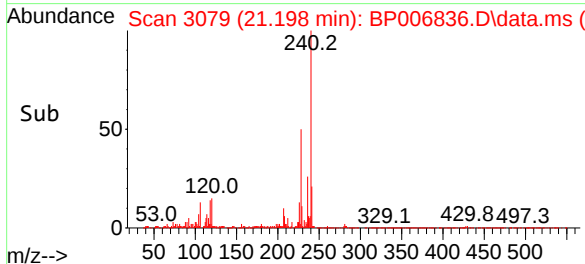
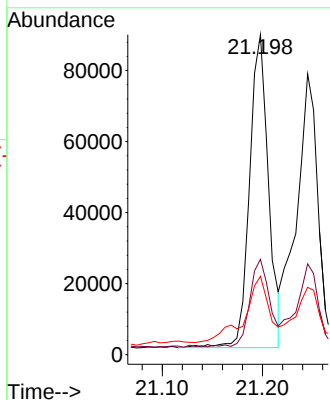
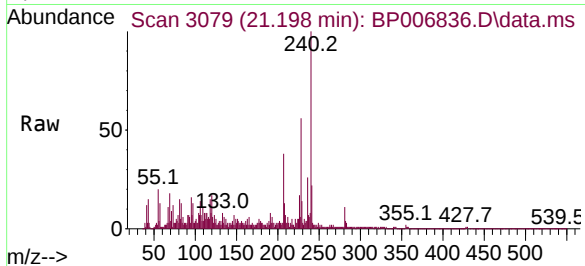




#81
Benzo(a)anthracene
Concen: 2.356 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

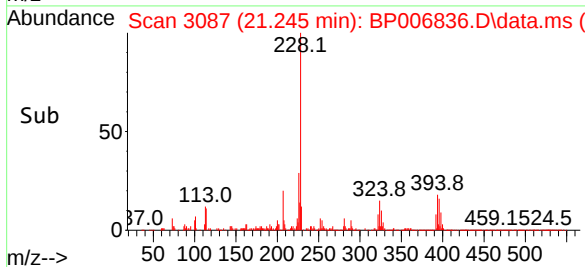
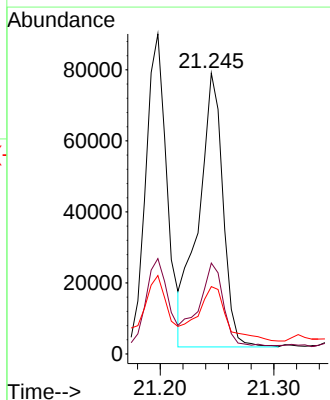
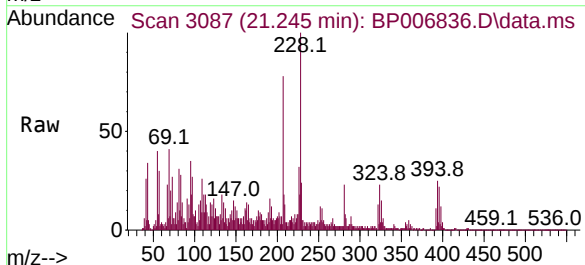
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

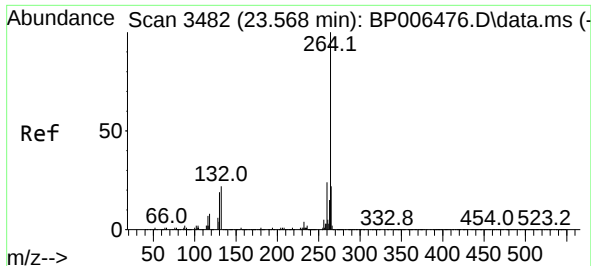
Tgt Ion:228 Resp: 115537
Ion Ratio Lower Upper
228 100
226 29.8 21.6 32.4
229 24.5 15.8 23.6#



#83
Chrysene
Concen: 2.431 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Tgt Ion:228 Resp: 115589
Ion Ratio Lower Upper
228 100
226 32.3 23.8 35.6
229 24.0 15.4 23.2#

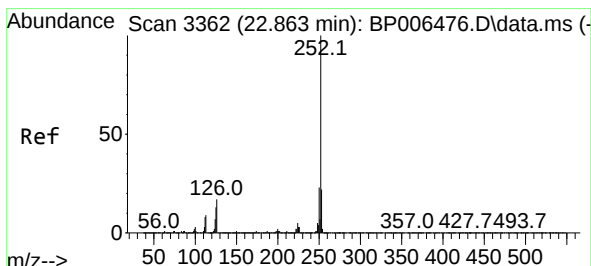
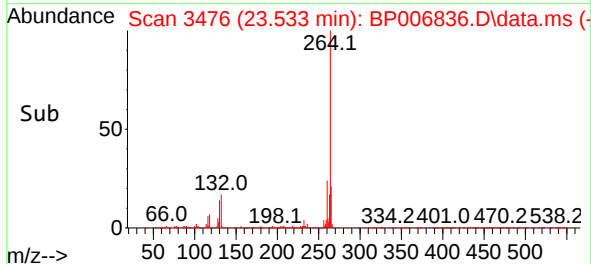
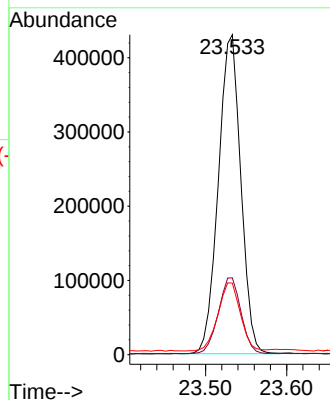
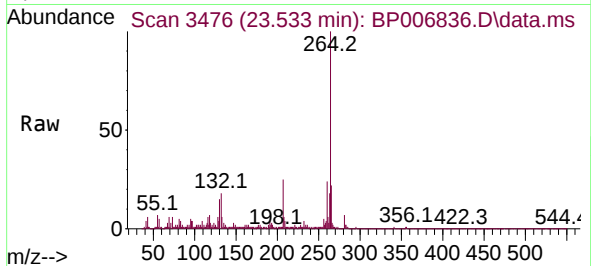




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.533 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: BP006836.D
 Acq: 23 Aug 2021 18:04

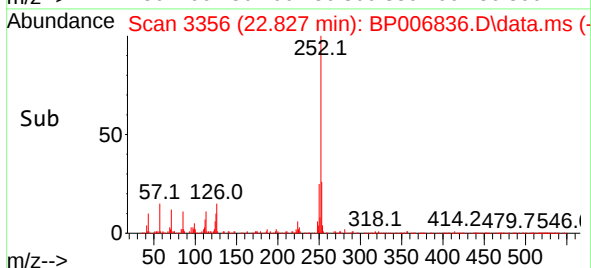
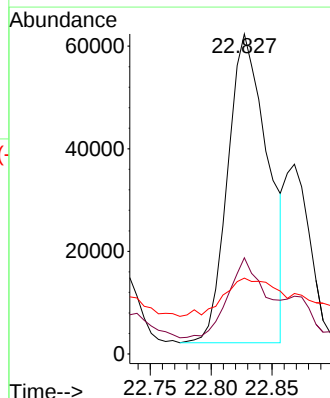
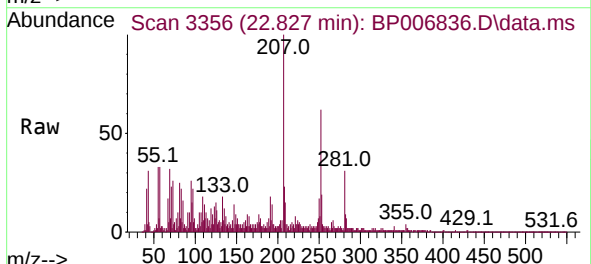
Instrument :
 BNA_P
 ClientSampleId :
 POST-MAEC-02

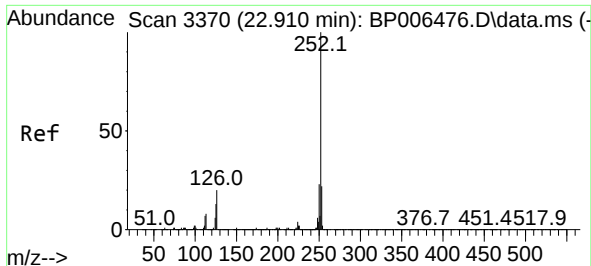
Tgt Ion:264 Resp: 826026
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.3 17.6 26.4



#88
 Benzo(b)fluoranthene
 Concen: 2.573 ng
 RT: 22.827 min Scan# 3356
 Delta R.T. -0.006 min
 Lab File: BP006836.D
 Acq: 23 Aug 2021 18:04

Tgt Ion:252 Resp: 138147
 Ion Ratio Lower Upper
 252 100
 253 30.1 17.5 26.3#
 125 23.7 6.2 9.4#

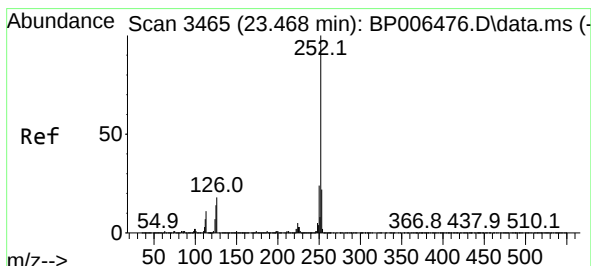
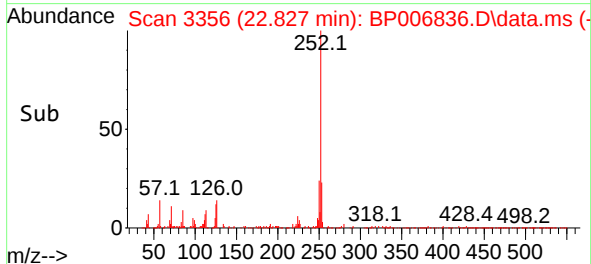
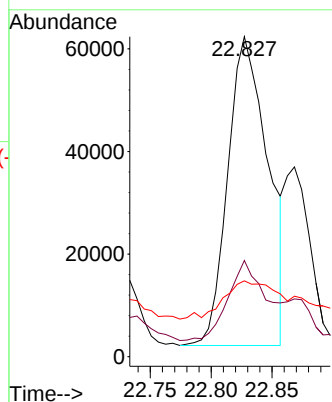
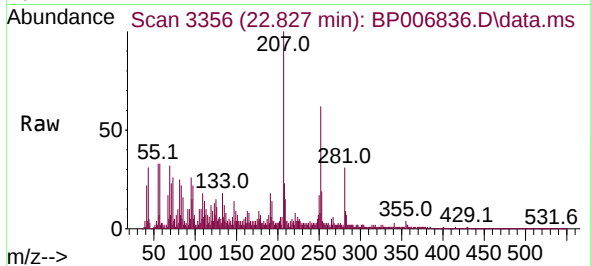




#89
Benzo(k)fluoranthene
Concen: 2.680 ng
RT: 22.827 min Scan# 3356
Delta R.T. -0.053 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

Tgt Ion:252 Resp: 138147
Ion Ratio Lower Upper
252 100
253 30.1 17.6 26.4#
125 23.7 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.256 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP006836.D
Acq: 23 Aug 2021 18:04

Tgt Ion:252 Resp: 108634
Ion Ratio Lower Upper
252 100
253 26.4 17.9 26.9
125 24.7 6.5 9.7#

