

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082321\
 Data File : BP006838.D
 Acq On : 23 Aug 2021 19:12
 Operator : CG/JU
 Sample : M3502-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 POST-MAEC-01

Quant Time: Aug 24 03:14:10 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)

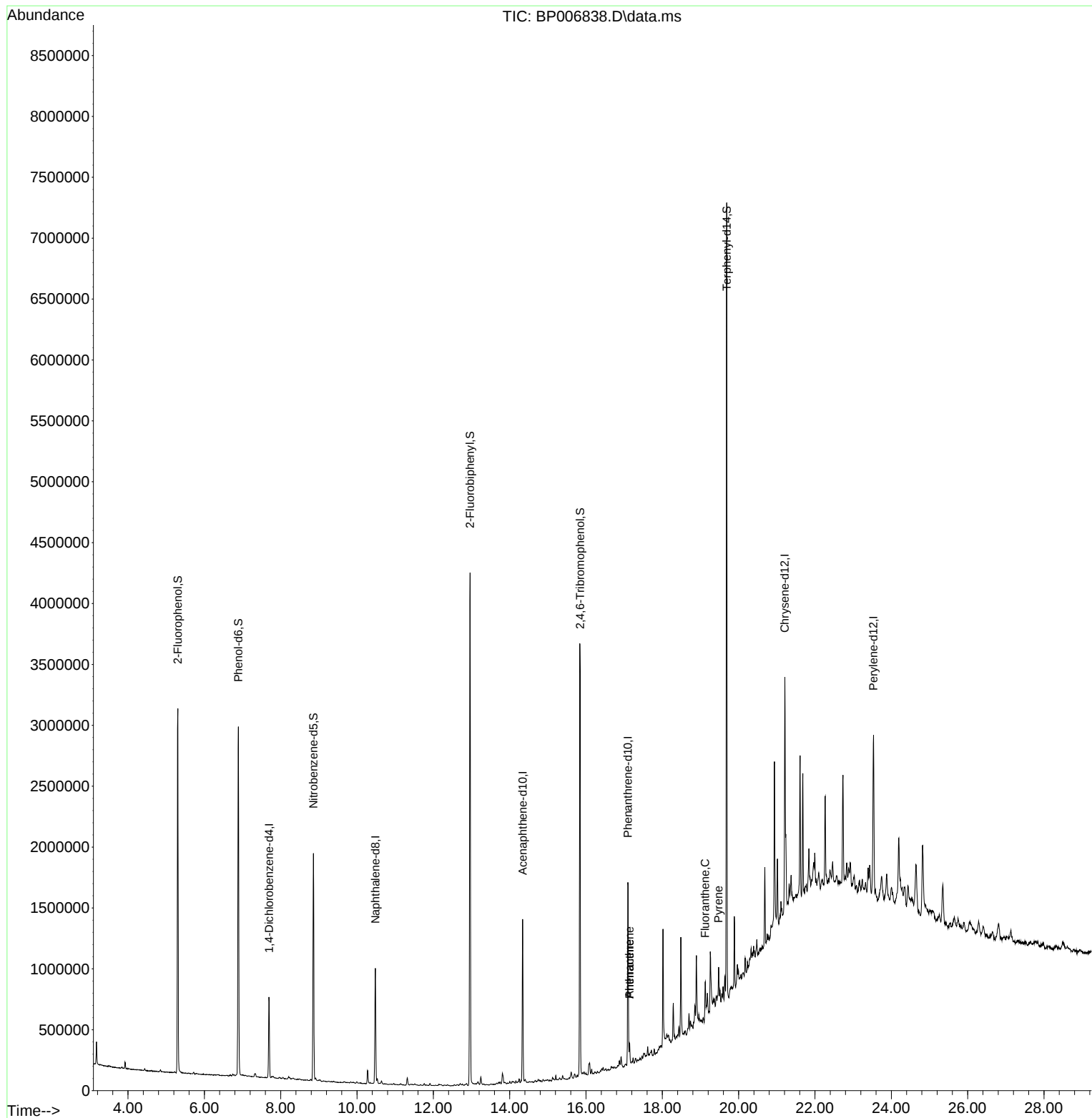
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	173288	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	743057	20.000	ng	# 0.00
39) Acenaphthene-d10	14.340	164	422865	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	836675	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	779697	20.000	ng	# 0.00
86) Perylene-d12	23.533	264	849783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1308689	115.996	ng	0.00
7) Phenol-d6	6.893	99	1659112	103.523	ng	0.00
23) Nitrobenzene-d5	8.857	82	1130138	70.202	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	578616	130.926	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2040865	72.207	ng	0.00
79) Terphenyl-d14	19.686	244	2705410	69.528	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.139	178	95837	2.031	ng	98
72) Anthracene	17.139	178	95837	2.102	ng	98
75) Fluoranthene	19.122	202	151666	2.863	ng	94
78) Pyrene	19.475	202	143532	2.756	ng	98

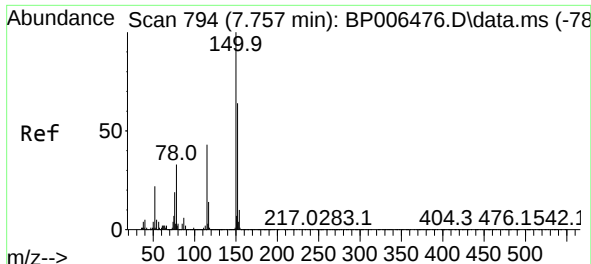
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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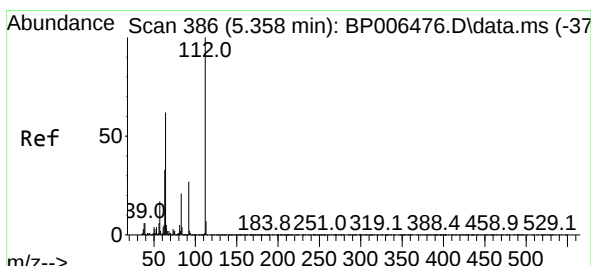
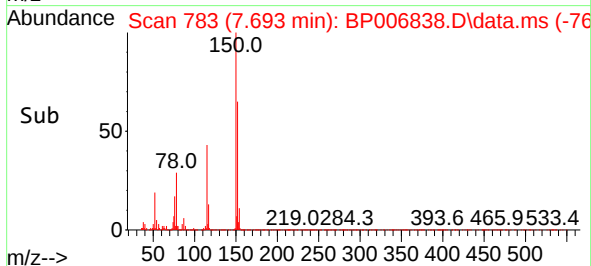
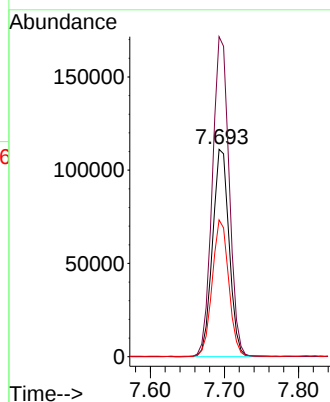
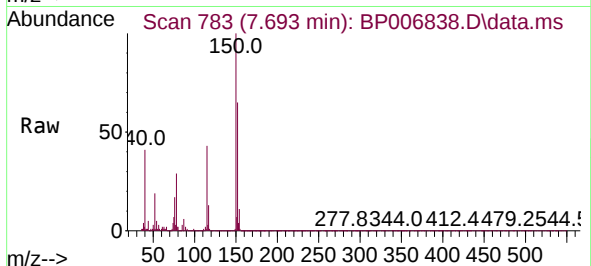




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

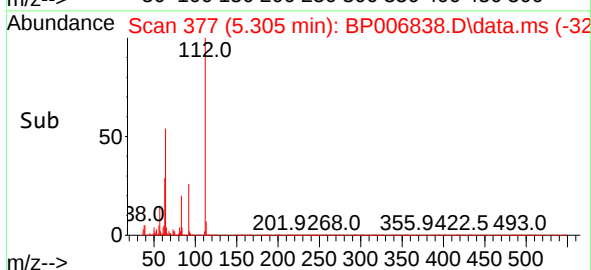
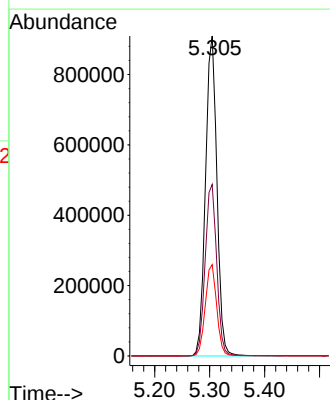
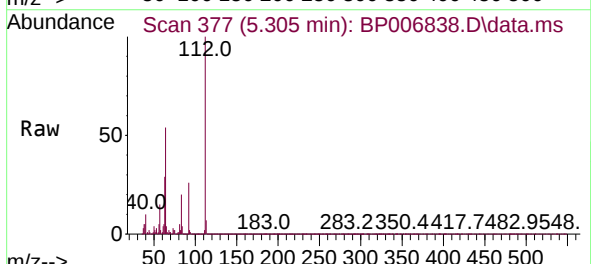
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01

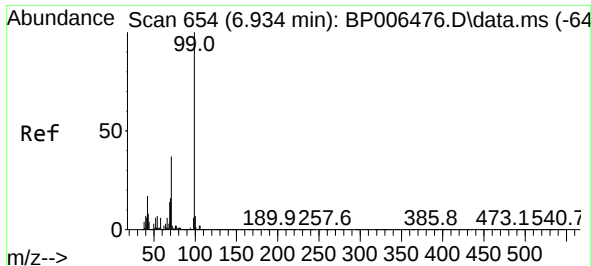
Tgt Ion:152 Resp: 173288
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 66.0 48.5 72.7



#5
2-Fluorophenol
Concen: 115.996 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

Tgt Ion:112 Resp: 1308689
Ion Ratio Lower Upper
112 100
64 53.6 41.4 62.2
63 28.6 23.8 35.8



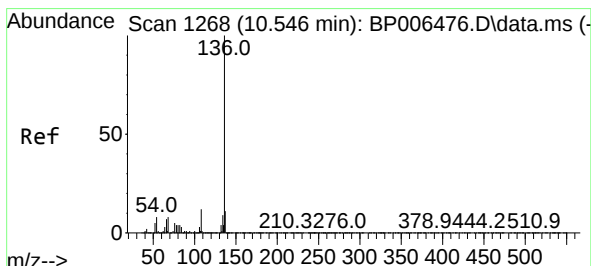
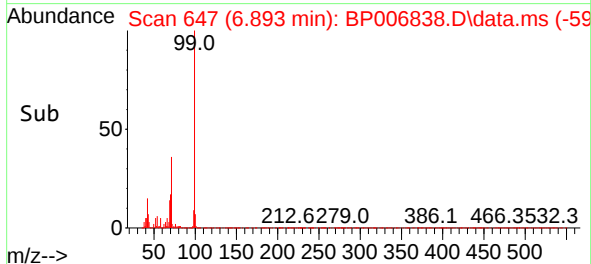
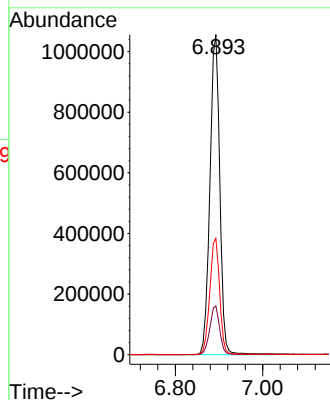
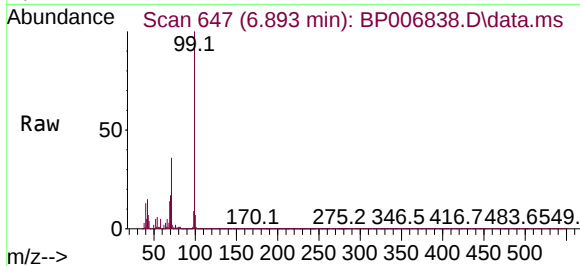


#7
Phenol-d6
Concen: 103.523 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01

Tgt Ion: 99 Resp: 1659112

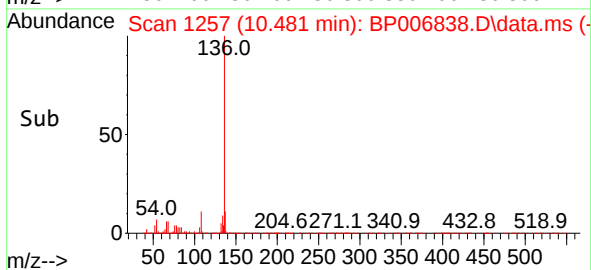
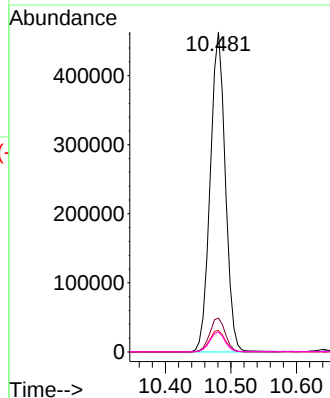
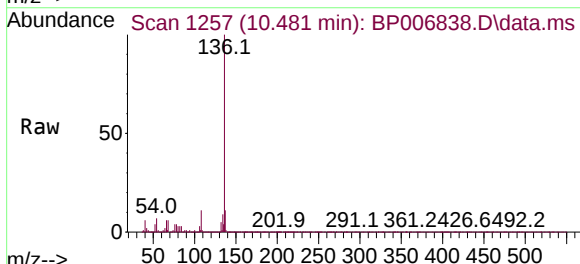
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.4	20.0
71	36.3	30.6	46.0

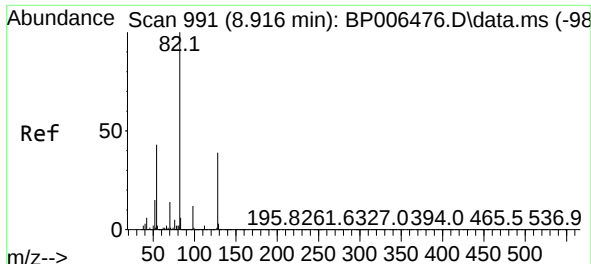


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

Tgt Ion: 136 Resp: 743057

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	6.7	4.6	6.8
68	6.3	3.6	5.4

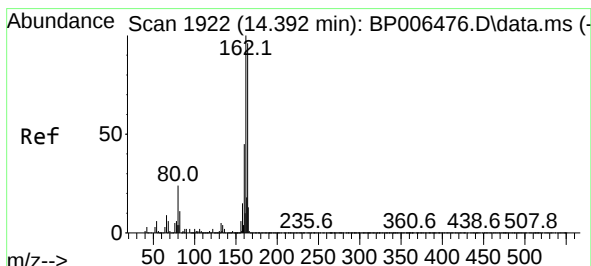
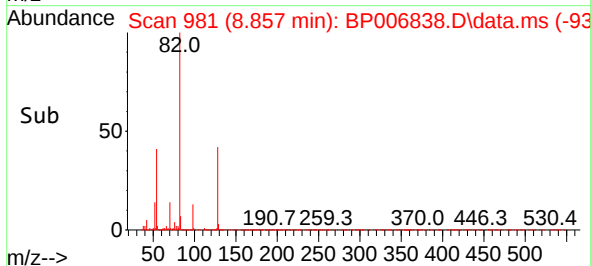
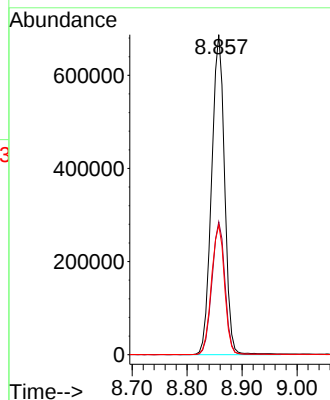
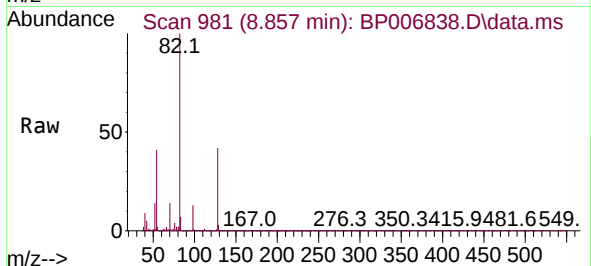




#23
Nitrobenzene-d5
Concen: 70.202 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

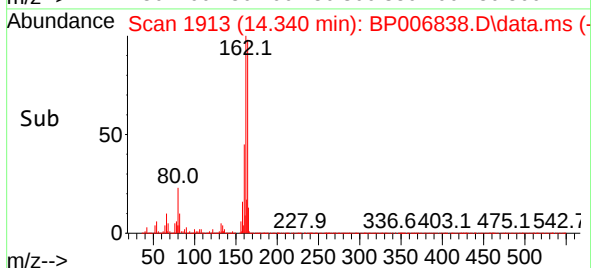
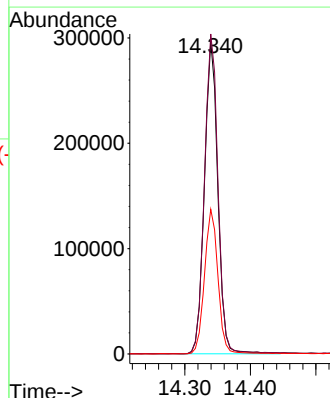
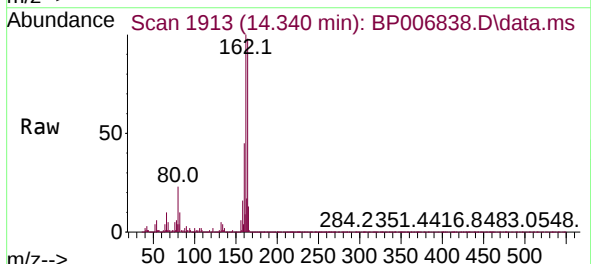
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01

Tgt Ion: 82 Resp: 1130138
Ion Ratio Lower Upper
82 100
128 41.5 35.7 53.5
54 40.5 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

Tgt Ion:164 Resp: 422865
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 46.2 34.5 51.7

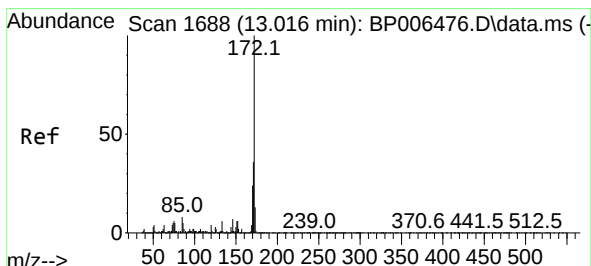
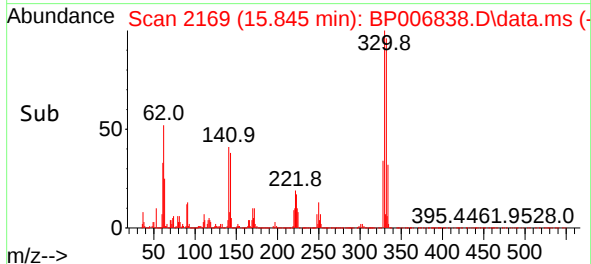
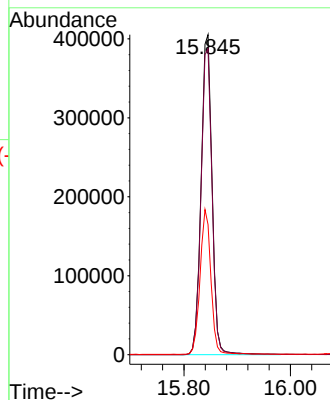
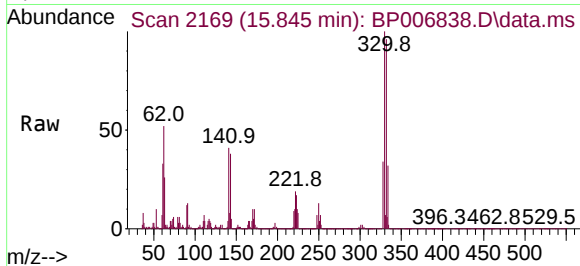




#42
2,4,6-Tribromophenol
Concen: 130.926 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

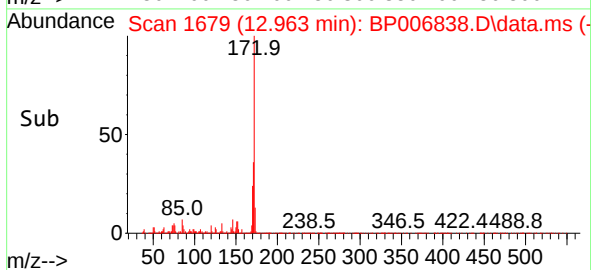
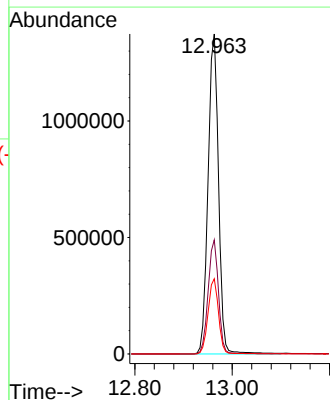
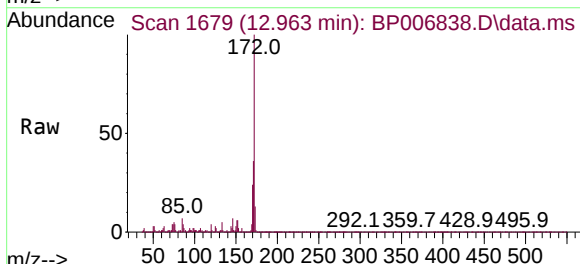
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01

Tgt Ion:330 Resp: 578616
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 44.7 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 72.207 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

Tgt Ion:172 Resp: 2040865
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.5 18.6 27.8

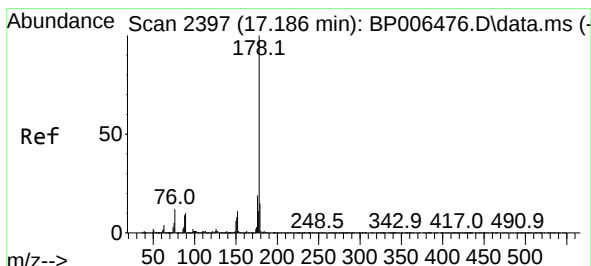
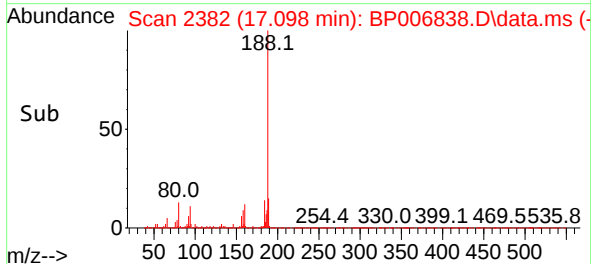
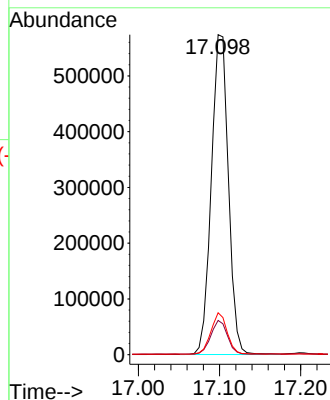
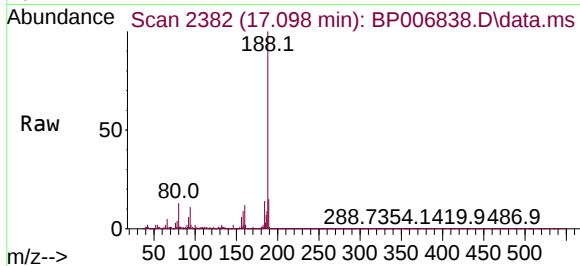




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

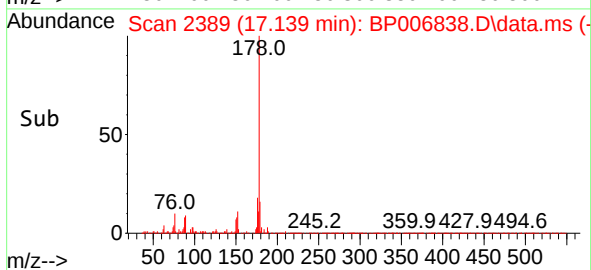
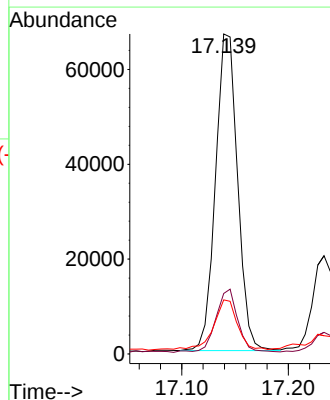
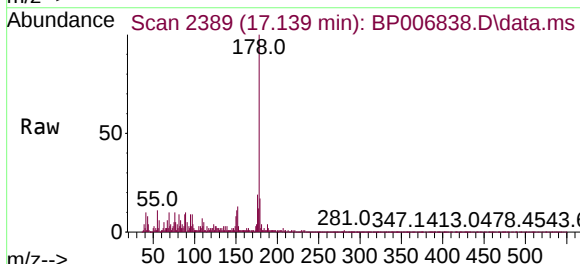
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01

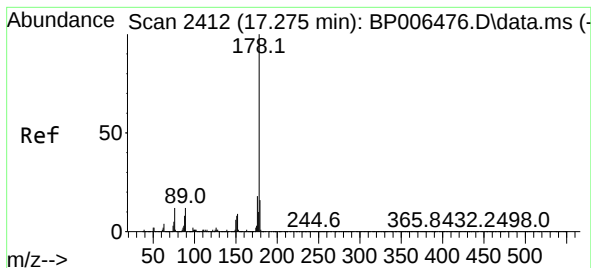
Tgt Ion:188 Resp: 836675
Ion Ratio Lower Upper
188 100
94 10.7 5.6 8.4#
80 13.1 6.3 9.5#



#71
Phenanthrene
Concen: 2.031 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

Tgt Ion:178 Resp: 95837
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.9 12.4 18.6





#72

Anthracene

Concen: 2.102 ng

RT: 17.139 min Scan# 2389

Delta R.T. -0.100 min

Lab File: BP006838.D

Acq: 23 Aug 2021 19:12

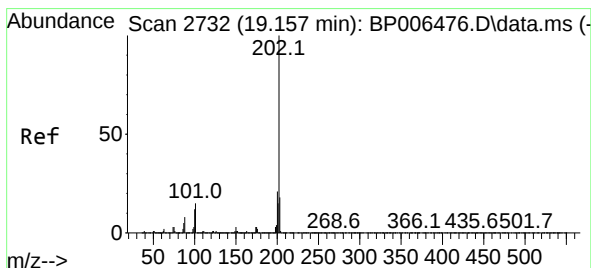
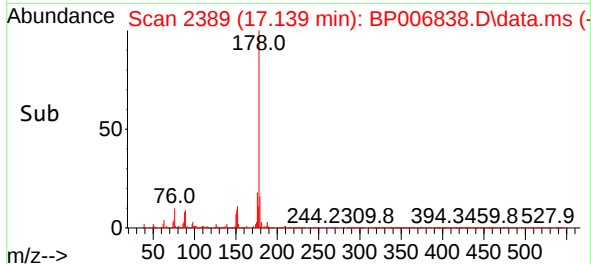
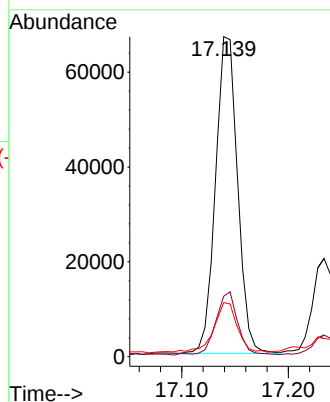
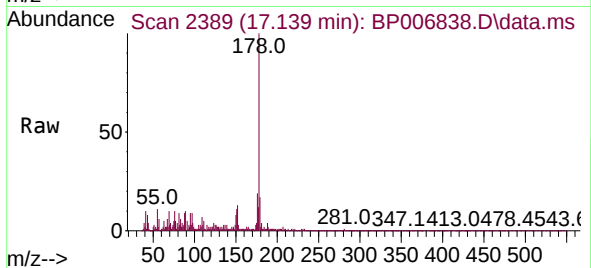
Instrument :

BNA_P

ClientSampleId :

POST-MAEC-01

Tgt Ion:178	Resp:	95837
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.9 22.3
179	16.9	12.2 18.2



#75

Fluoranthene

Concen: 2.863 ng

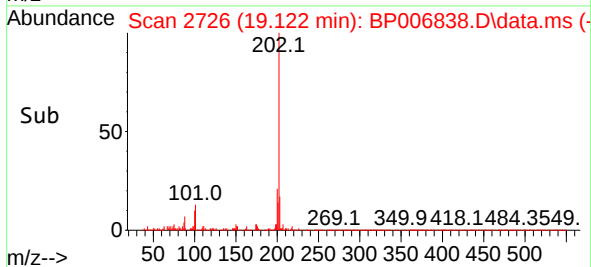
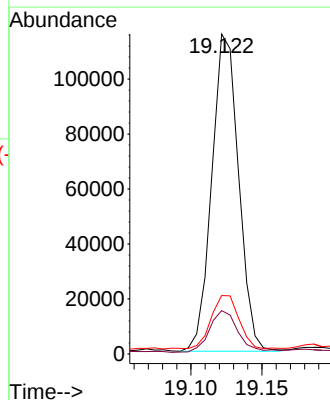
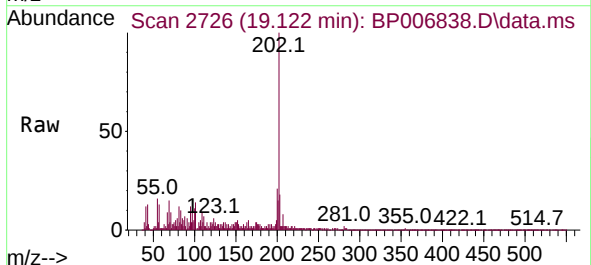
RT: 19.122 min Scan# 2726

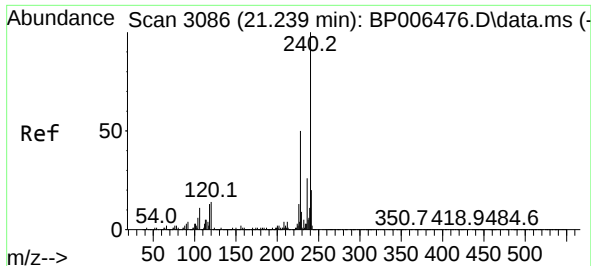
Delta R.T. -0.006 min

Lab File: BP006838.D

Acq: 23 Aug 2021 19:12

Tgt Ion:202	Resp:	151666
Ion Ratio	Lower	Upper
202	100	
101	13.6	0.0 27.6
203	18.2	0.0 37.8

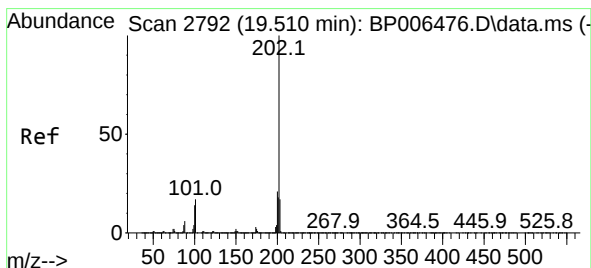
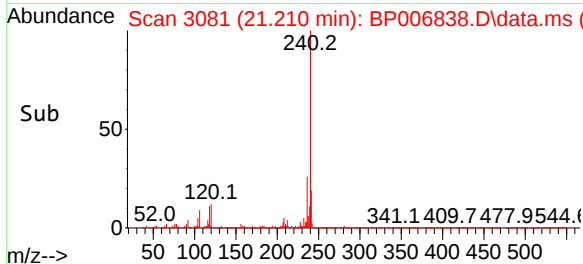
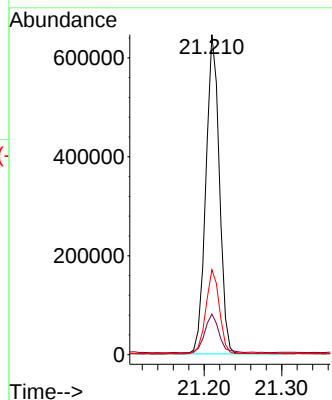
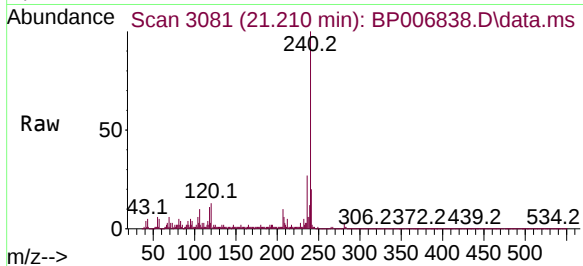




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

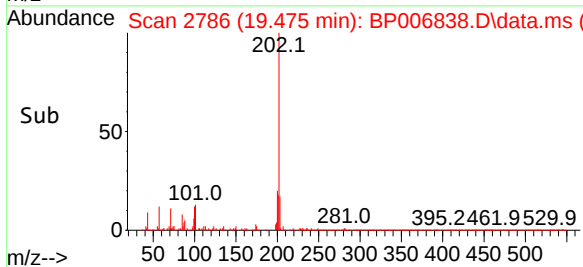
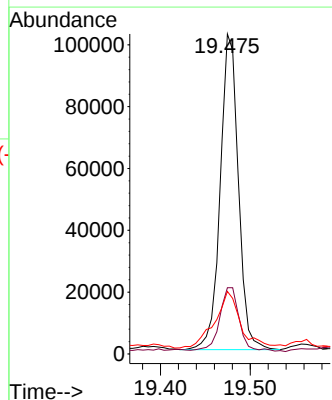
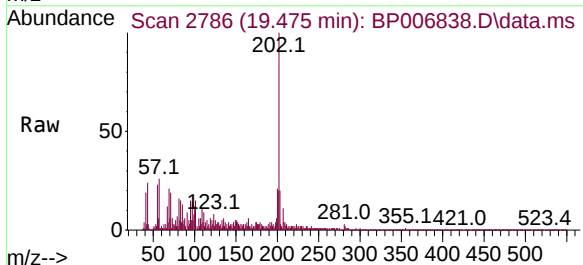
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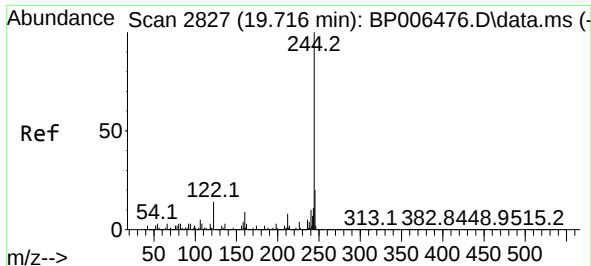
Tgt Ion:240 Resp: 779697
Ion Ratio Lower Upper
240 100
120 12.7 6.5 9.7#
236 26.5 20.6 31.0



#78
Pyrene
Concen: 2.756 ng
RT: 19.475 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006838.D
Acq: 23 Aug 2021 19:12

Tgt Ion:202 Resp: 143532
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 19.6 14.2 21.2

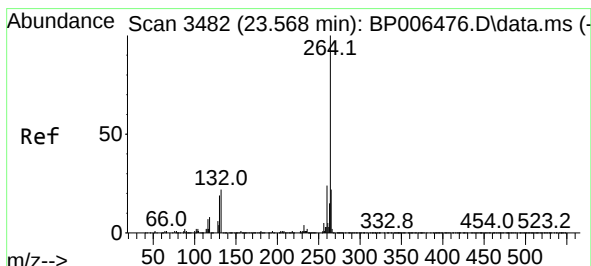
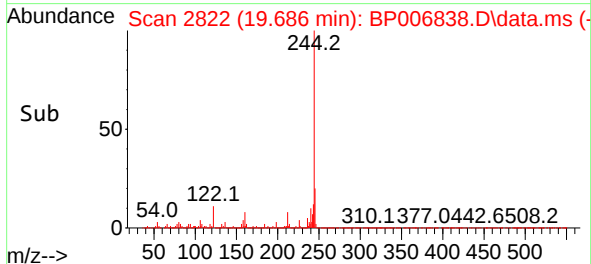
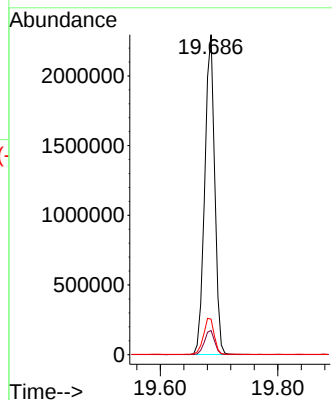
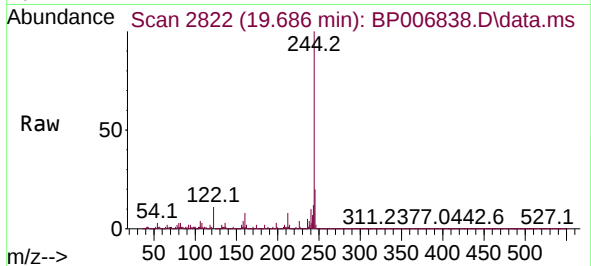




#79
 Terphenyl-d14
 Concen: 69.528 ng
 RT: 19.686 min Scan# 2822
 Delta R.T. -0.000 min
 Lab File: BP006838.D
 Acq: 23 Aug 2021 19:12

Instrument :
 BNA_P
 ClientSampleId :
 POST-MAEC-01

Tgt Ion:244 Resp: 2705410
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 11.1 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.533 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: BP006838.D
 Acq: 23 Aug 2021 19:12

Tgt Ion:264 Resp: 849783
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.6 28.0
 265 22.4 17.6 26.4

