

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
 Data File : BP006850.D
 Acq On : 24 Aug 2021 16:24
 Operator : CG/JU
 Sample : M3502-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 POST-MAEC-02

Quant Time: Aug 24 17:01:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 13:40:38 2021
 Response via : Initial Calibration

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

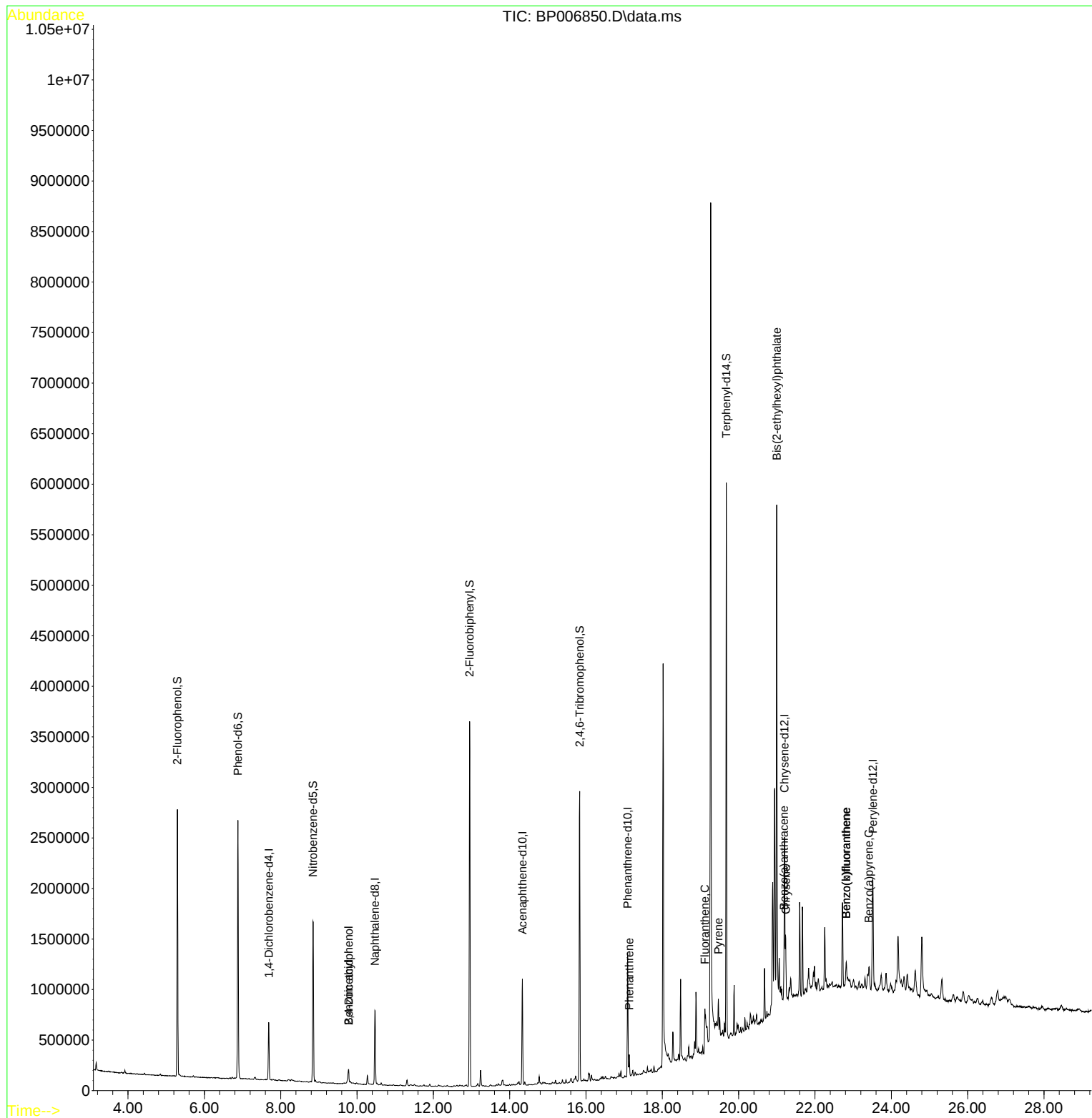
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	147297	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	597676	20.000	ng	# 0.00
39) Acenaphthene-d10	14.333	164	327167	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	634804	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	654368	20.000	ng	# 0.00
86) Perylene-d12	23.515	264	755473	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1132717	118.114	ng	0.00
7) Phenol-d6	6.881	99	1451444	106.545	ng	0.00
23) Nitrobenzene-d5	8.845	82	970966	74.986	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	458132	133.986	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1675983	76.642	ng	0.00
79) Terphenyl-d14	19.674	244	2274109	69.637	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.781	122	67408	8.218	ng	# 4
32) Benzoic acid	9.781	122	67303	10.606	ng	93
71) Phenanthrene	17.133	178	115412	3.223	ng	99
75) Fluoranthene	19.116	202	195358	4.861	ng	96
78) Pyrene	19.468	202	173469	3.969	ng	98
81) Benzo(a)anthracene	21.186	228	118854	2.779	ng	# 93
83) Chrysene	21.239	228	125471	3.026	ng	# 94
84) Bis(2-ethylhexyl)phtha...	20.998	149	1704249	59.006	ng	# 54
88) Benzo(b)fluoranthene	22.815	252	146417	2.982	ng	# 87
89) Benzo(k)fluoranthene	22.815	252	146417	3.106	ng	# 87
90) Benzo(a)pyrene	23.409	252	103076	2.341	ng	# 82

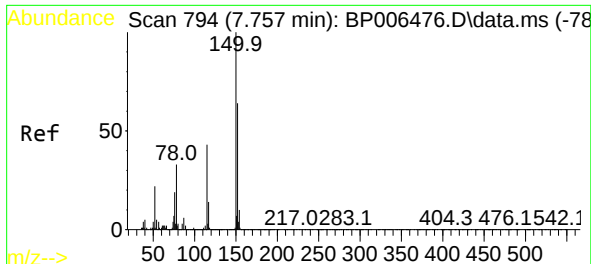
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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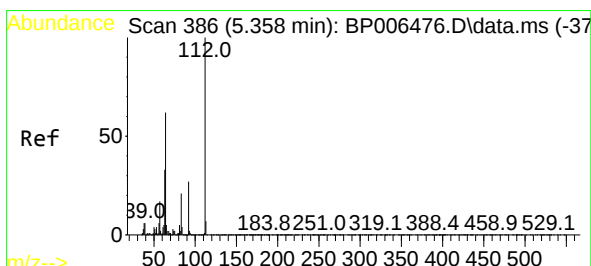
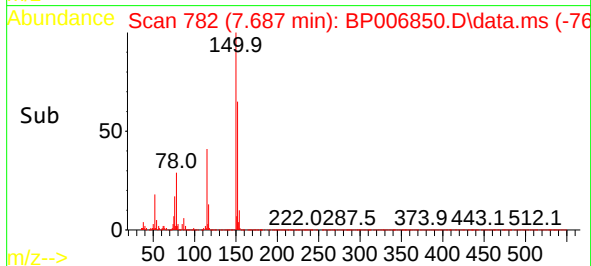
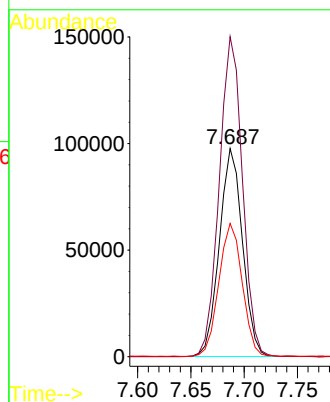
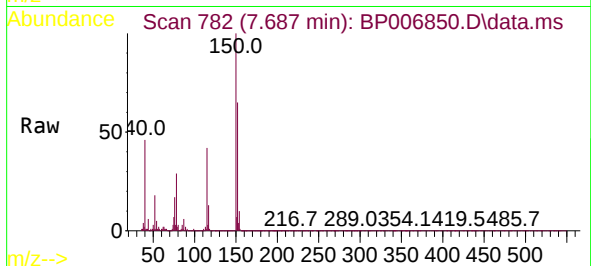




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

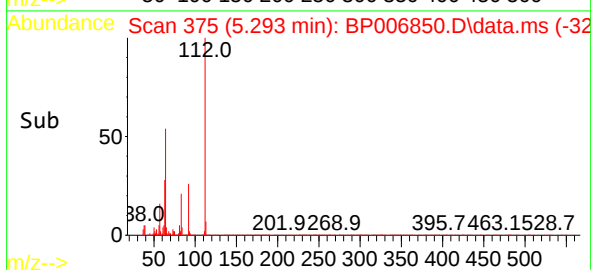
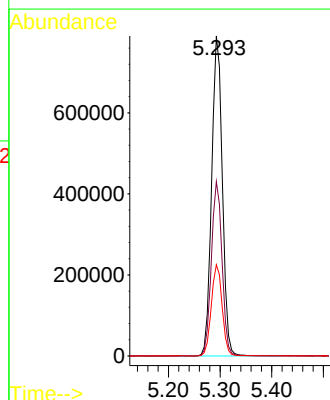
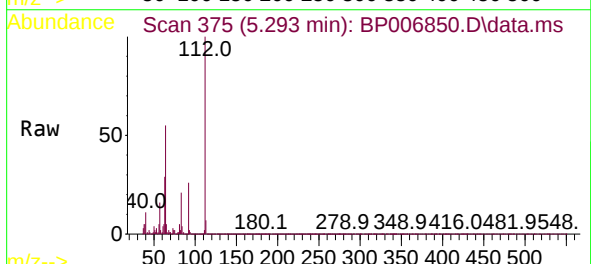
Instrument :
BNA_P
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POST-MAEC-02

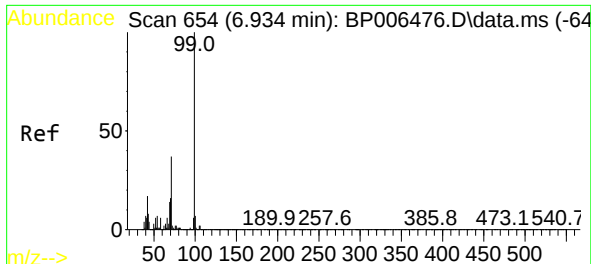
Tgt Ion:152 Resp: 147297
Ion Ratio Lower Upper
152 100
150 153.8 125.6 188.4
115 64.1 48.5 72.7



#5
2-Fluorophenol
Concen: 118.114 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.000 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Tgt Ion:112 Resp: 1132717
Ion Ratio Lower Upper
112 100
64 54.5 41.4 62.2
63 28.5 23.8 35.8



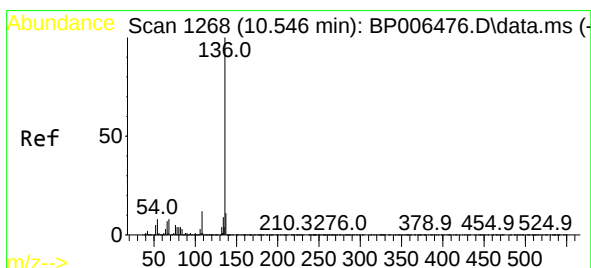
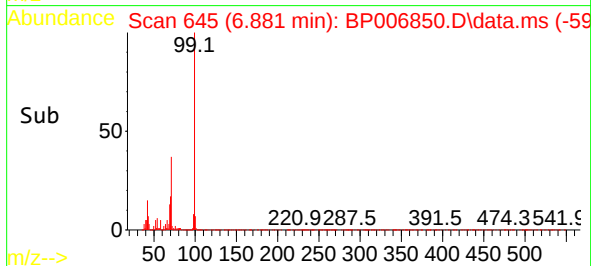
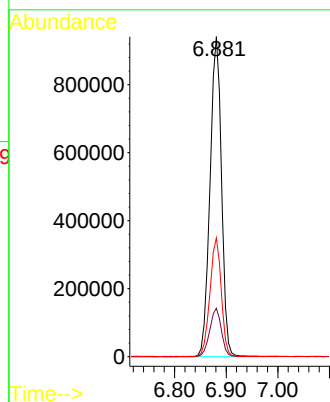
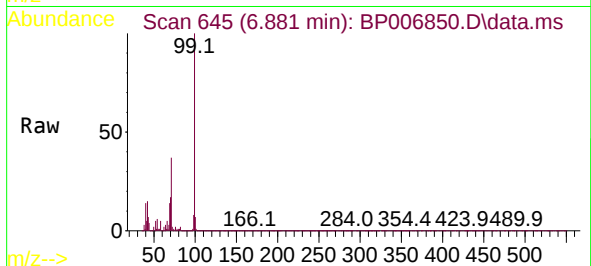


#7
Phenol-d6
Concen: 106.545 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

Tgt Ion: 99 Resp: 1451444

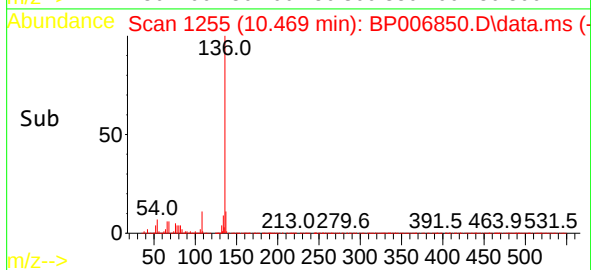
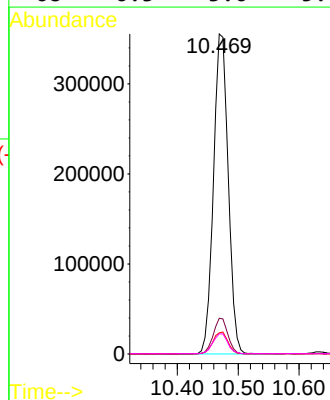
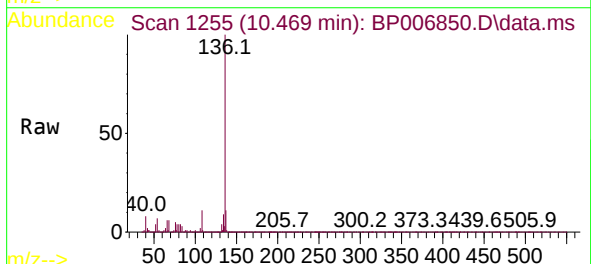
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	37.1	30.6	46.0

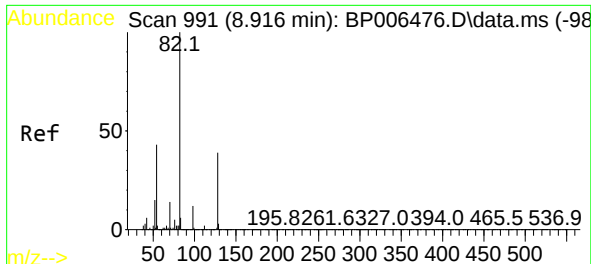


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Tgt Ion: 136 Resp: 597676

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.6	4.6	6.8
68	6.3	3.6	5.4

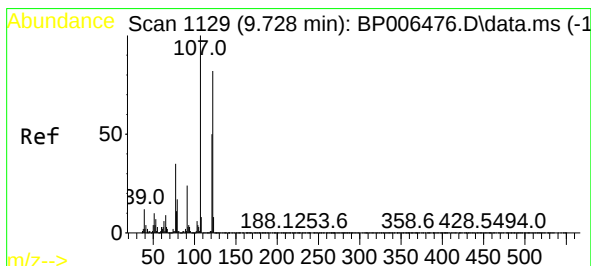
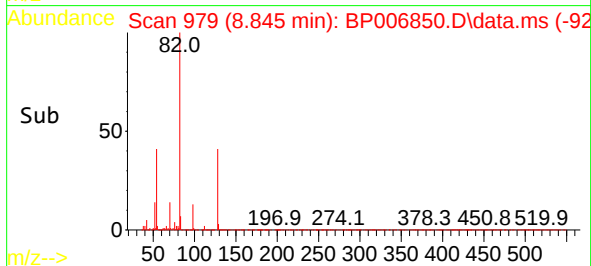
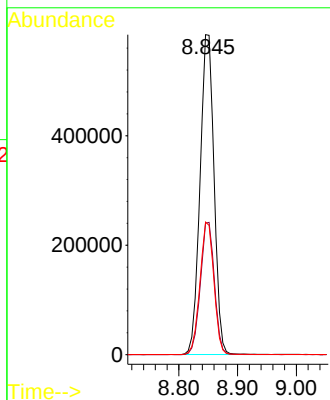
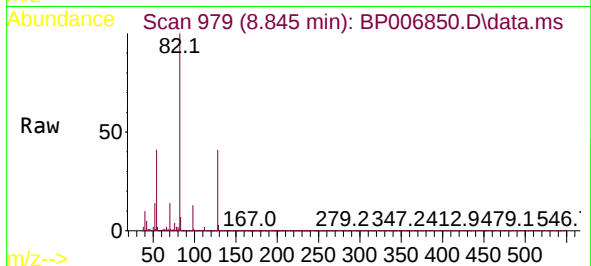




#23
Nitrobenzene-d5
Concen: 74.986 ng
RT: 8.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

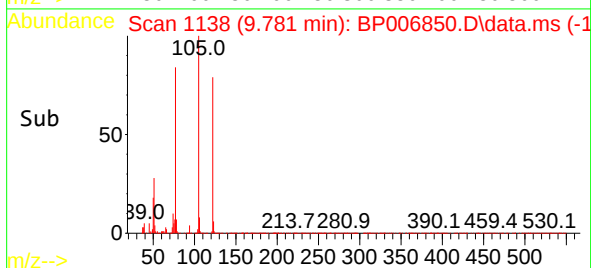
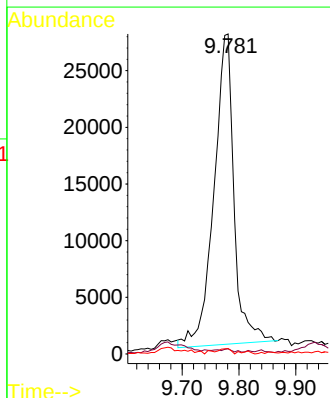
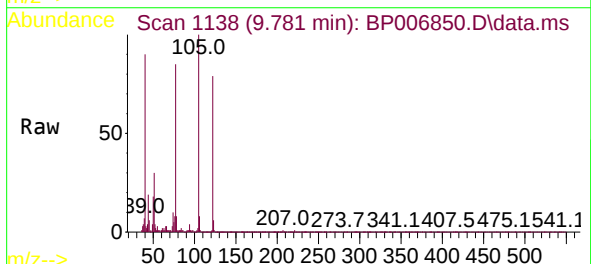
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

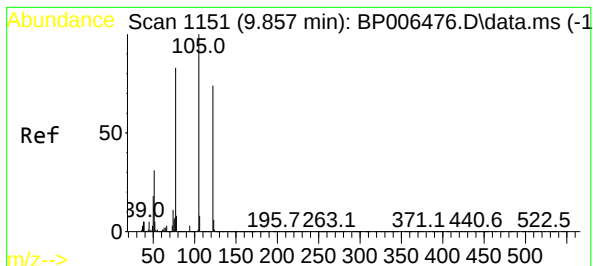
Tgt Ion: 82 Resp: 970966
Ion Ratio Lower Upper
82 100
128 41.1 35.7 53.5
54 41.4 35.0 52.4



#27
2,4-Dimethylphenol
Concen: 8.218 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.111 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Tgt Ion: 122 Resp: 67408
Ion Ratio Lower Upper
122 100
107 1.6 94.5 141.7#
121 1.7 47.4 71.2#

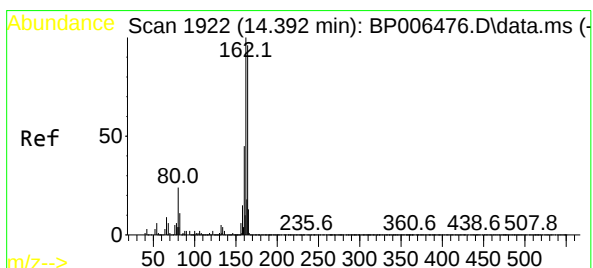
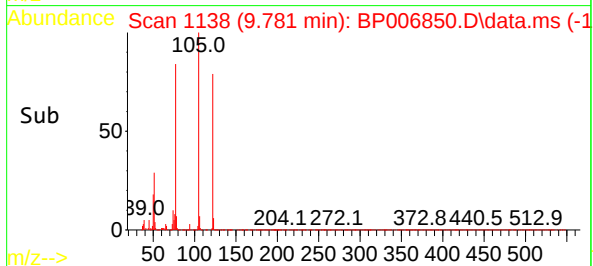
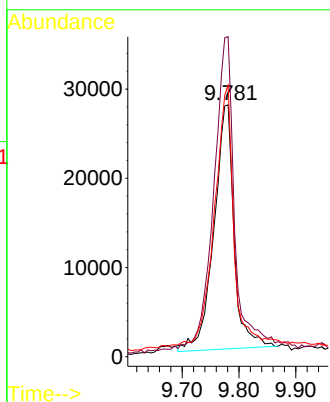
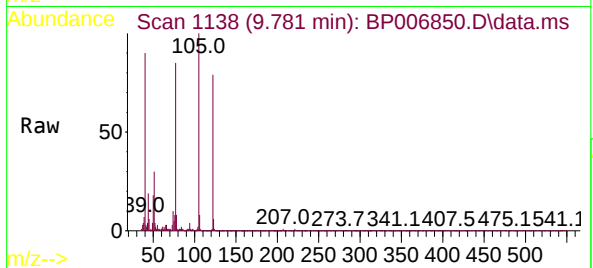




#32
Benzoic acid
Concen: 10.606 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.059 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

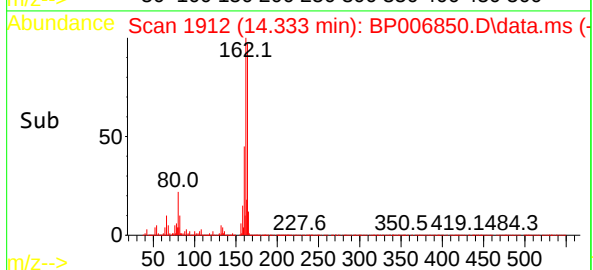
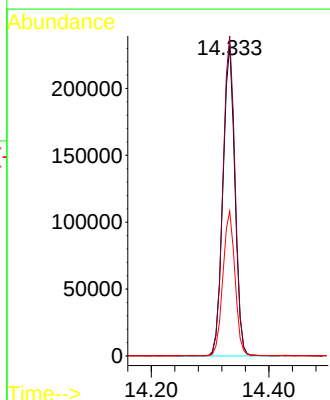
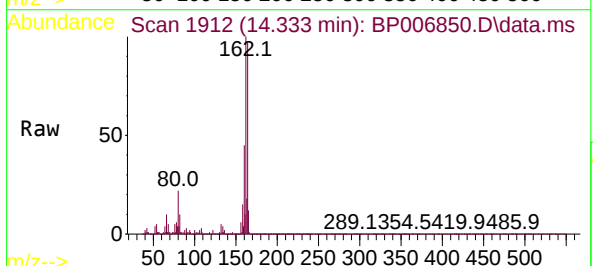
Instrument :
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ClientSampleId :
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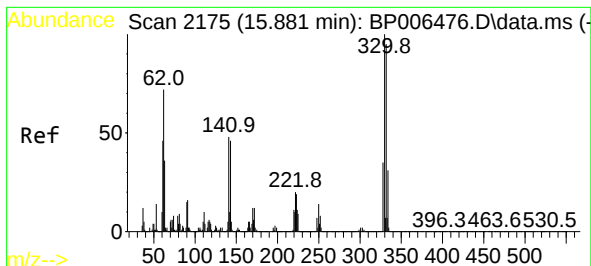
Tgt Ion:122 Resp: 67303
Ion Ratio Lower Upper
122 100
105 127.1 103.2 143.2
77 107.8 76.2 116.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Tgt Ion:164 Resp: 327167
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 46.6 34.5 51.7

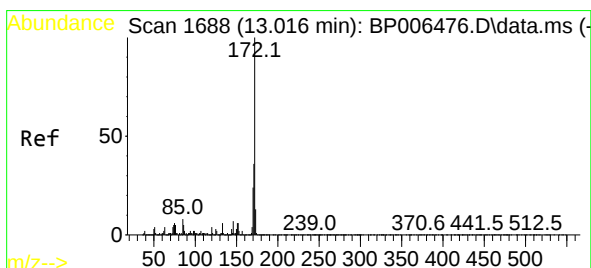
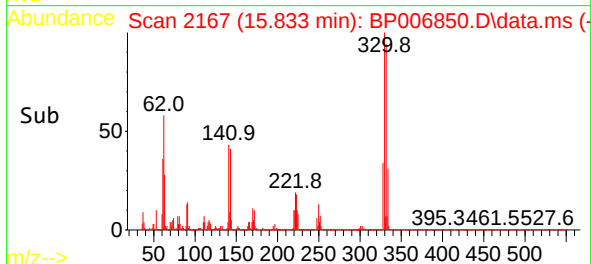
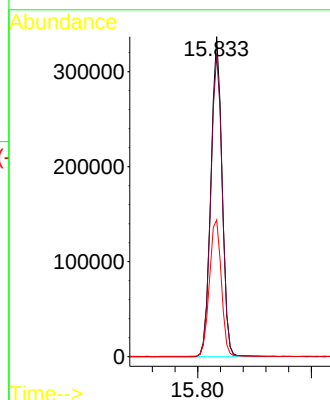
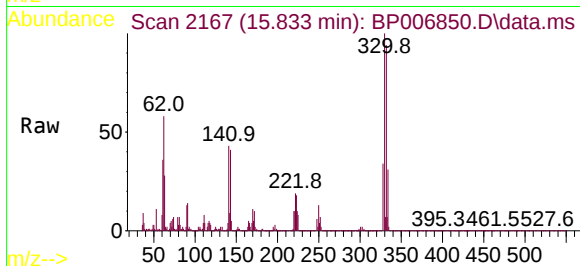




#42
2,4,6-Tribromophenol
Concen: 133.986 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

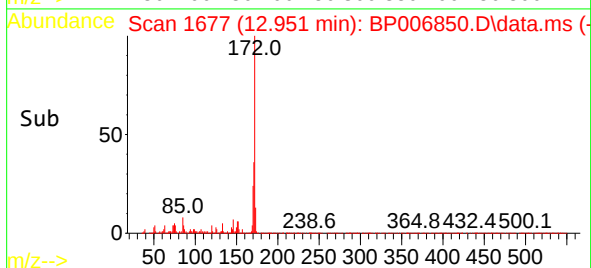
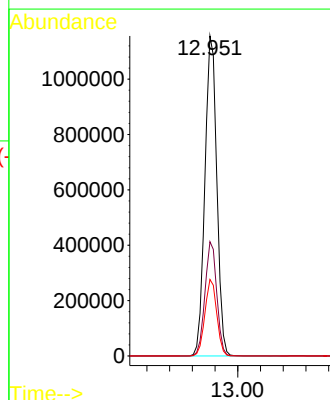
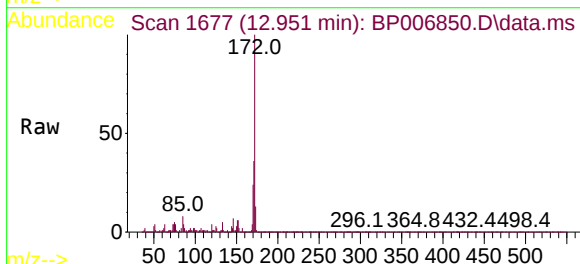
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POST-MAEC-02

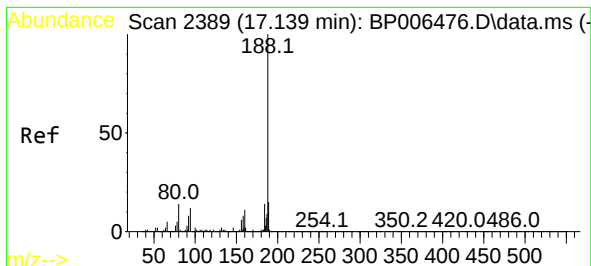
Tgt Ion:330 Resp: 458132
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 45.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 76.642 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Tgt Ion:172 Resp: 1675983
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.9 18.6 27.8

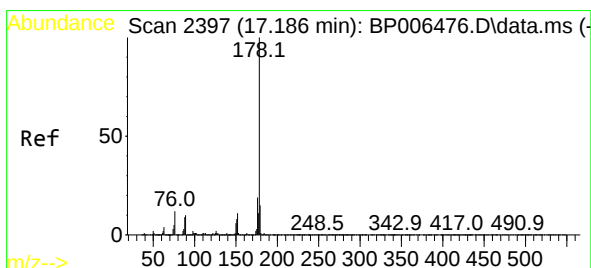
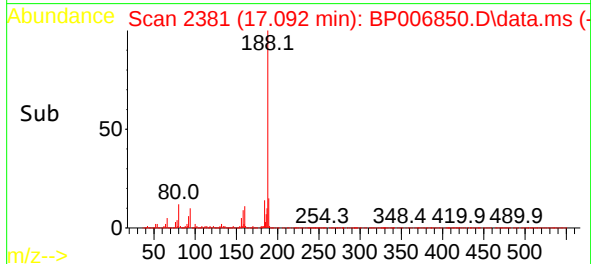
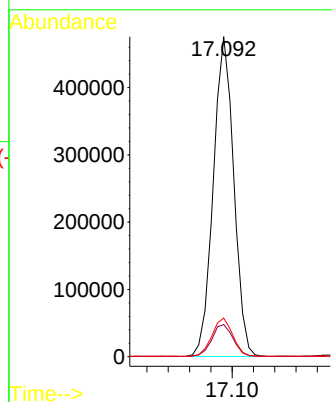
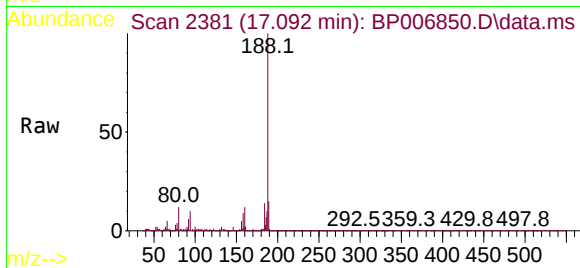




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

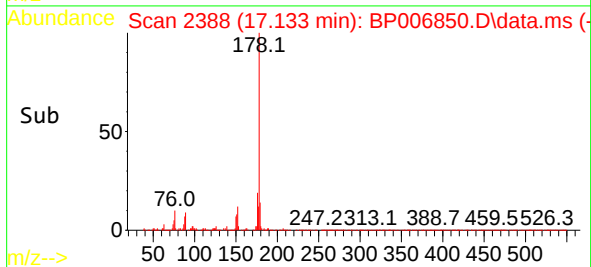
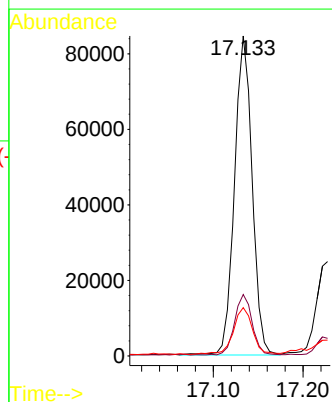
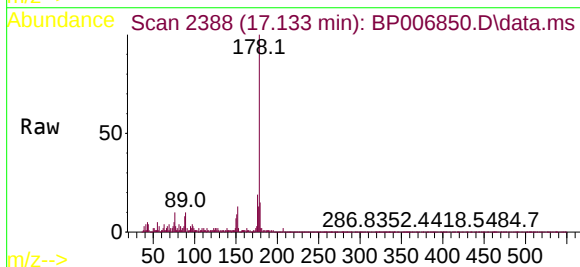
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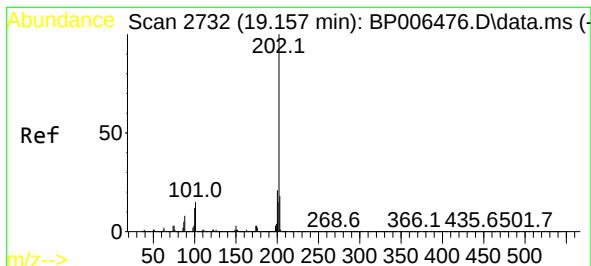
Tgt Ion:188 Resp: 634804
Ion Ratio Lower Upper
188 100
94 10.0 5.6 8.4#
80 12.1 6.3 9.5#



#71
Phenanthrene
Concen: 3.223 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Tgt Ion:178 Resp: 115412
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.1 12.4 18.6

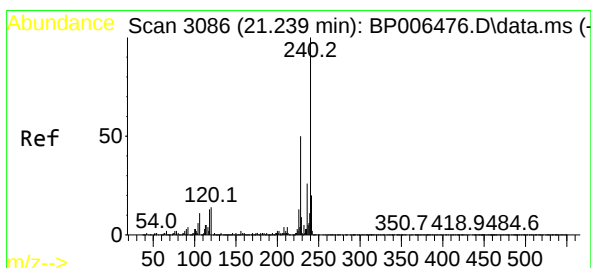
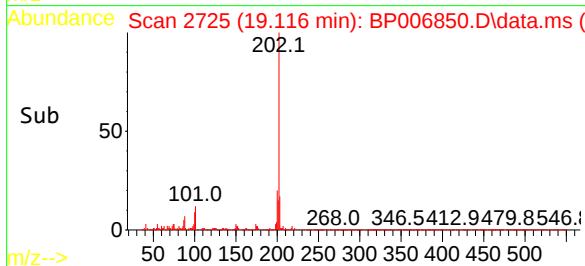
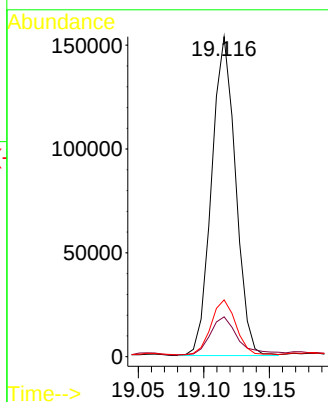
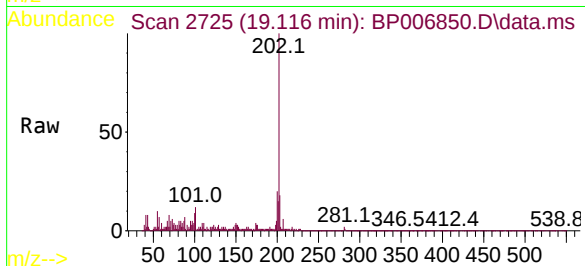




#75
Fluoranthene
Concen: 4.861 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.012 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

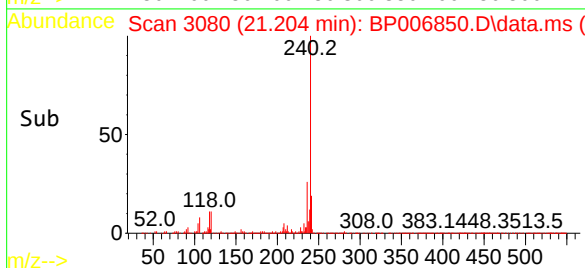
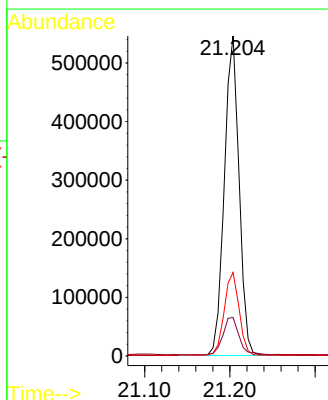
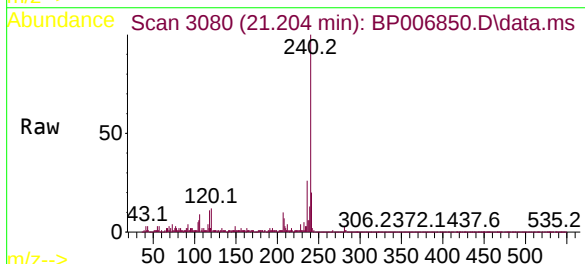
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

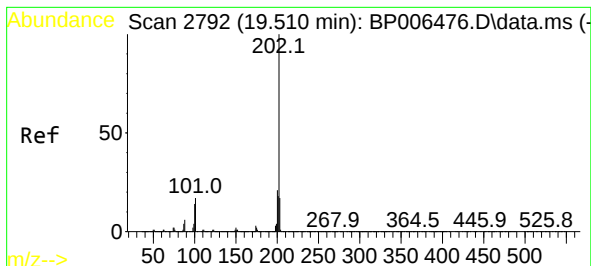
Tgt Ion:202 Resp: 195358
Ion Ratio Lower Upper
202 100
101 12.4 0.0 27.6
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Tgt Ion:240 Resp: 654368
Ion Ratio Lower Upper
240 100
120 12.0 6.5 9.7#
236 26.1 20.6 31.0





#78

Pyrene

Concen: 3.969 ng

RT: 19.468 min Scan# 2785

Delta R.T. -0.012 min

Lab File: BP006850.D

Acq: 24 Aug 2021 16:24

Instrument :

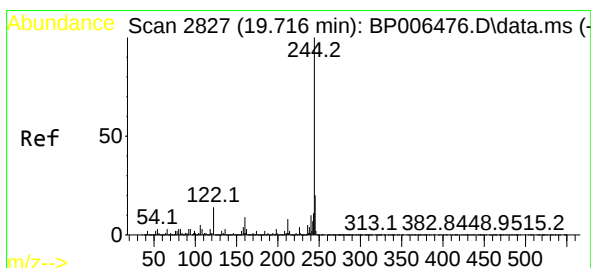
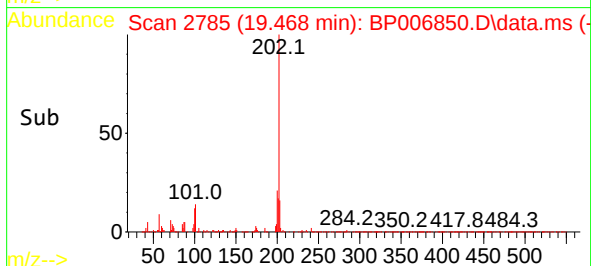
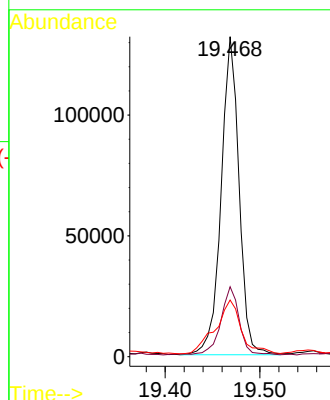
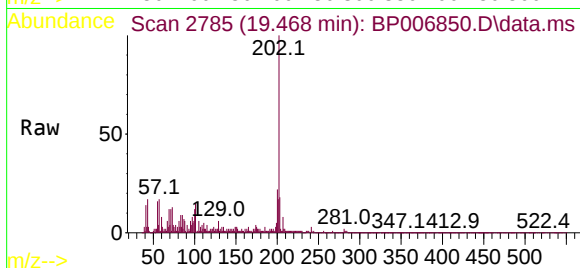
BNA_P

ClientSampleId :

POST-MAEC-02

Tgt Ion:202 Resp: 173469

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.3	24.5
203	17.7	14.2	21.2



#79

Terphenyl-d14

Concen: 69.637 ng

RT: 19.674 min Scan# 2820

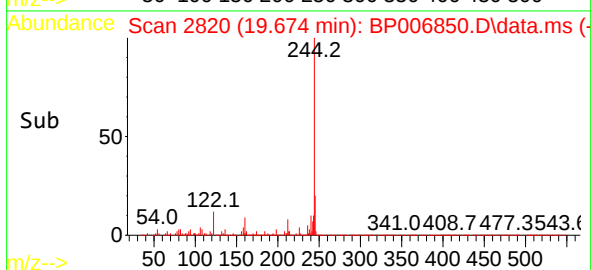
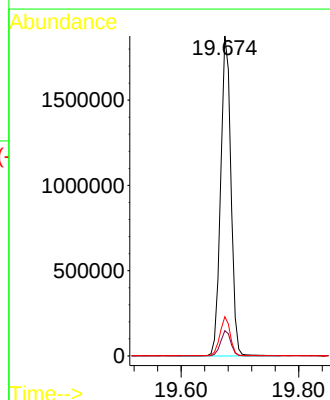
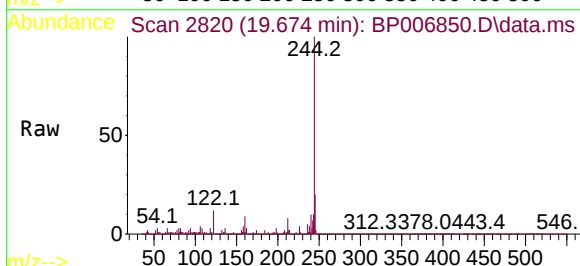
Delta R.T. -0.012 min

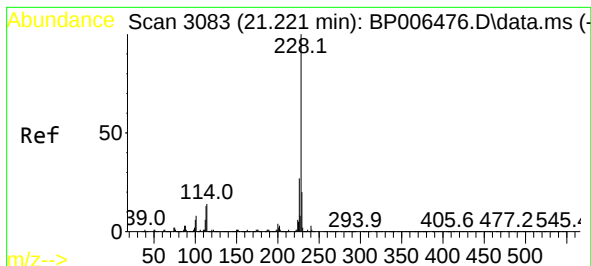
Lab File: BP006850.D

Acq: 24 Aug 2021 16:24

Tgt Ion:244 Resp: 2274109

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	12.2	7.1	10.7

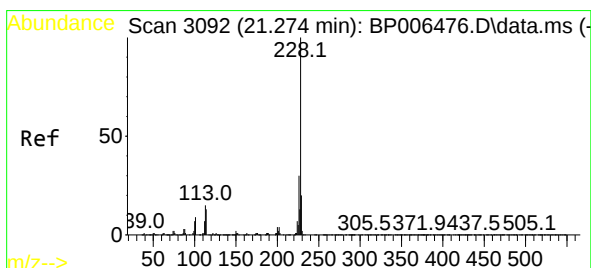
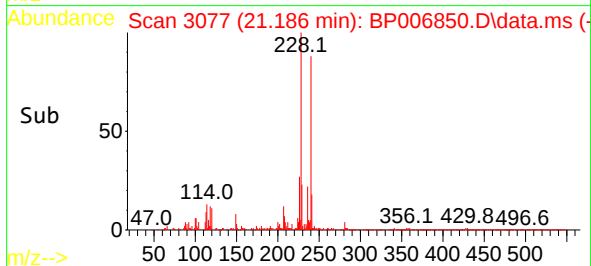
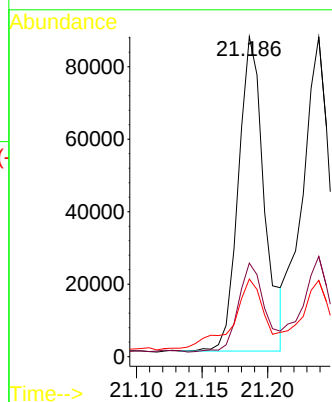
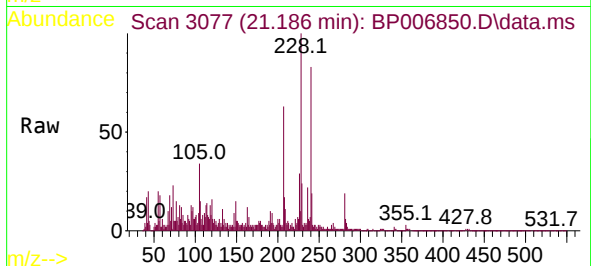




#81
Benzo(a)anthracene
Concen: 2.779 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.012 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

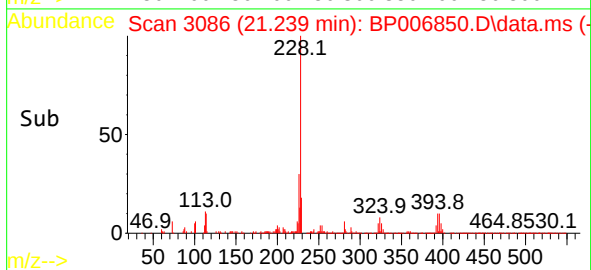
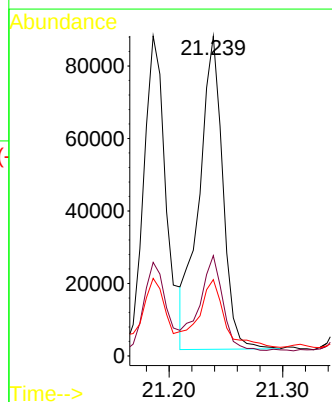
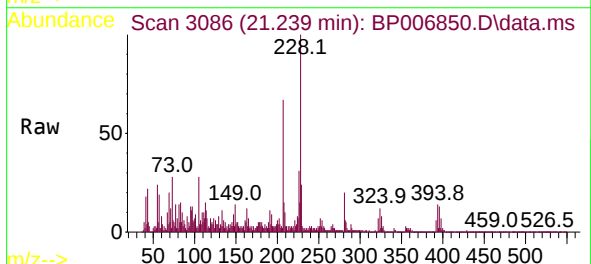
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

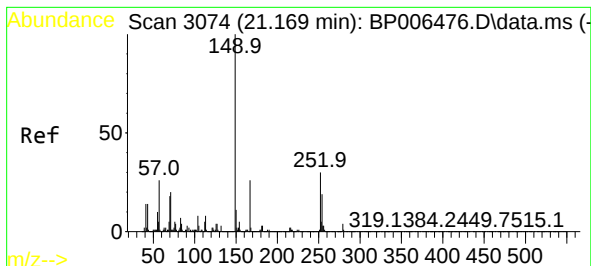
Tgt Ion:228 Resp: 118854
Ion Ratio Lower Upper
228 100
226 29.3 21.6 32.4
229 24.2 15.8 23.6#



#83
Chrysene
Concen: 3.026 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Tgt Ion:228 Resp: 125471
Ion Ratio Lower Upper
228 100
226 31.4 23.8 35.6
229 23.9 15.4 23.2#

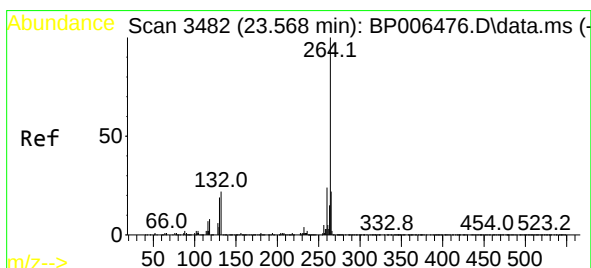
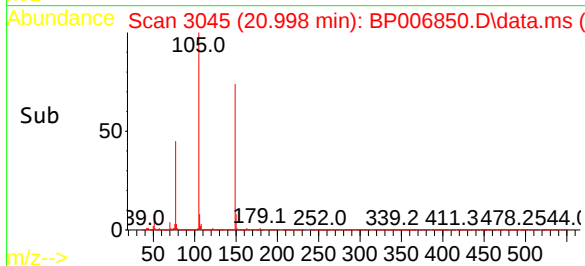
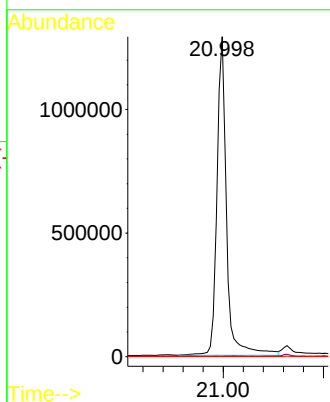
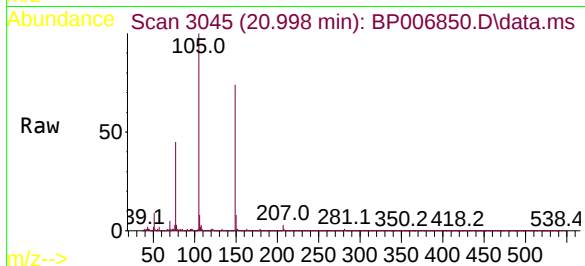




#84
Bis(2-ethylhexyl)phthalate
Concen: 59.006 ng
RT: 20.998 min Scan# 3045
Delta R.T. -0.136 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

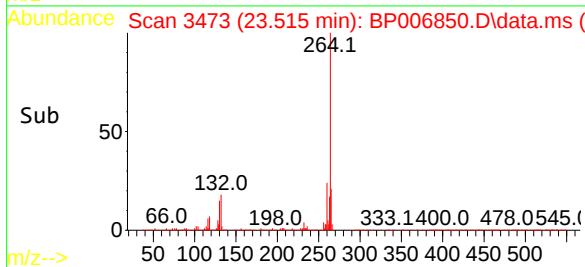
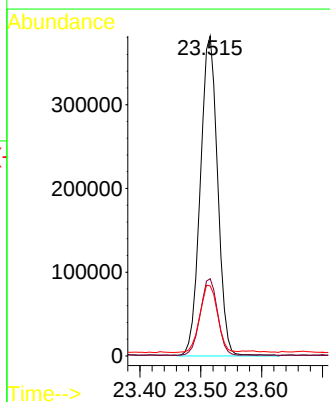
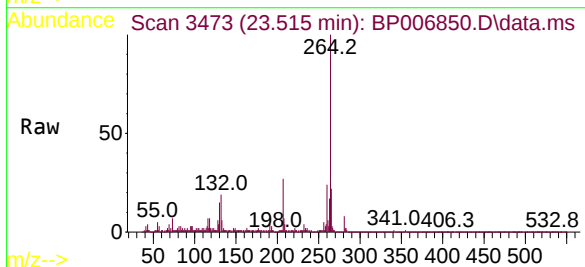
Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02

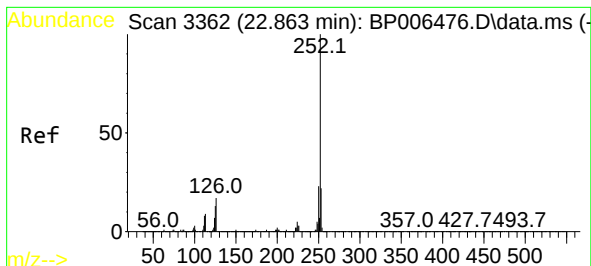
Tgt Ion:149 Resp: 1704249
Ion Ratio Lower Upper
149 100
167 0.2 21.9 32.9#
279 0.0 4.3 6.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Tgt Ion:264 Resp: 755473
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 21.9 17.6 26.4





#88

Benzo(b)fluoranthene

Concen: 2.982 ng

RT: 22.815 min Scan# 3354

Delta R.T. -0.012 min

Lab File: BP006850.D

Acq: 24 Aug 2021 16:24

Instrument :

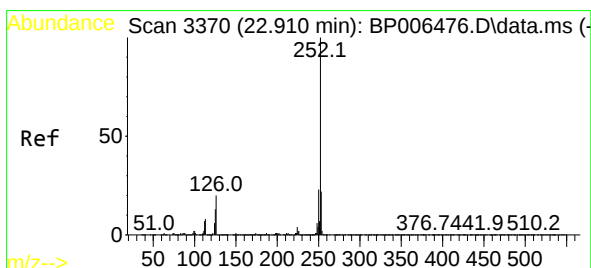
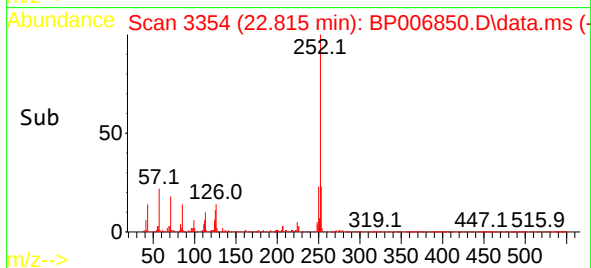
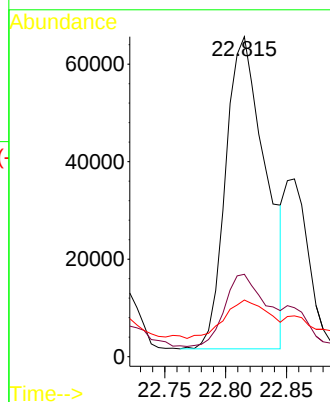
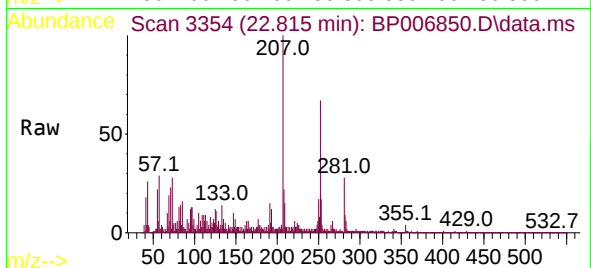
BNA_P

ClientSampleId :

POST-MAEC-02

Tgt Ion:252 Resp: 146417

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	17.7	6.2	9.4#



#89

Benzo(k)fluoranthene

Concen: 3.106 ng

RT: 22.815 min Scan# 3354

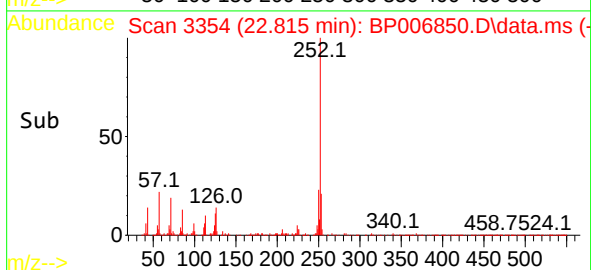
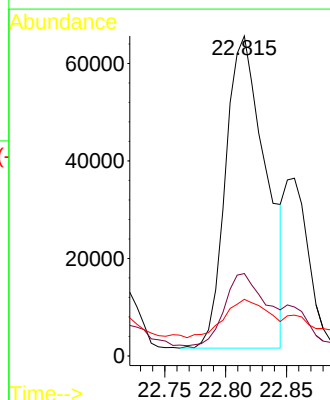
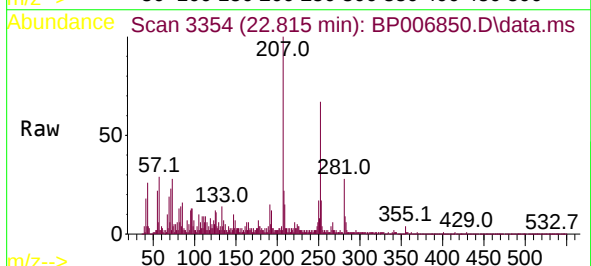
Delta R.T. -0.059 min

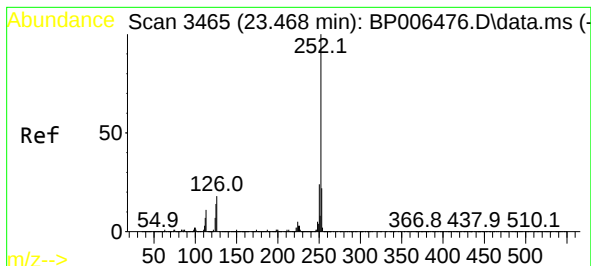
Lab File: BP006850.D

Acq: 24 Aug 2021 16:24

Tgt Ion:252 Resp: 146417

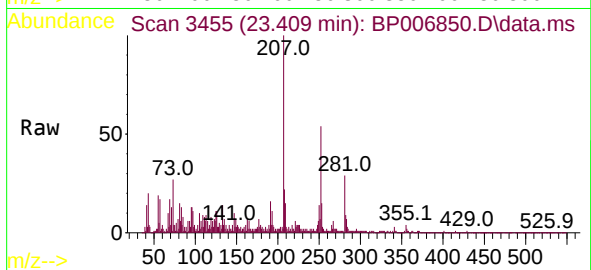
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	17.7	6.0	9.0#





#90
Benzo(a)pyrene
Concen: 2.341 ng
RT: 23.409 min Scan# 3455
Delta R.T. -0.018 min
Lab File: BP006850.D
Acq: 24 Aug 2021 16:24

Instrument :
BNA_P
ClientSampleId :
POST-MAEC-02



Tgt Ion:252 Resp: 103076
Ion Ratio Lower Upper
252 100
253 27.6 17.9 26.9#
125 20.8 6.5 9.7#

