

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
 Data File : BP006506.D
 Acq On : 05 Aug 2021 14:33
 Operator : CG/JU
 Sample : M3276-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PRE-MAEC-01

Manual Integrations
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Quant Time: Aug 05 15:22:28 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 03 15:41:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	270323	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1122648	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	621575	20.000	ng	0.00
64) Phenanthrene-d10	17.140	188	1171813	20.000	ng	# 0.00
76) Chrysene-d12	21.239	240	1093185	20.000	ng	# 0.00
86) Perylene-d12	23.574	264	1183470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1748784	99.364	ng	0.00
7) Phenol-d6	6.934	99	2270561	90.819	ng	0.00
23) Nitrobenzene-d5	8.911	82	1532777	63.020	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	644196	99.166	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	2663155	64.102	ng	0.00
79) Terphenyl-d14	19.716	244	3374625	61.856	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.181	178	934457	14.138	ng	100
72) Anthracene	17.269	178	269982	4.227	ng	97
75) Fluoranthene	19.157	202	1336464	18.015	ng	94
78) Pyrene	19.510	202	1152143	15.779	ng	99
81) Benzo(a)anthracene	21.222	228	590457	8.265	ng	96
83) Chrysene	21.275	228	564476m	8.150	ng	
87) Indeno(1,2,3-cd)pyrene	25.974	276	335872m	3.914	ng	
88) Benzo(b)fluoranthene	22.863	252	655757	8.526	ng	# 89
89) Benzo(k)fluoranthene	22.910	252	262297m	3.552	ng	
90) Benzo(a)pyrene	23.469	252	530625	7.691	ng	# 90
92) Benzo(g,h,i)perylene	26.715	276	342973	4.824	ng	# 85

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

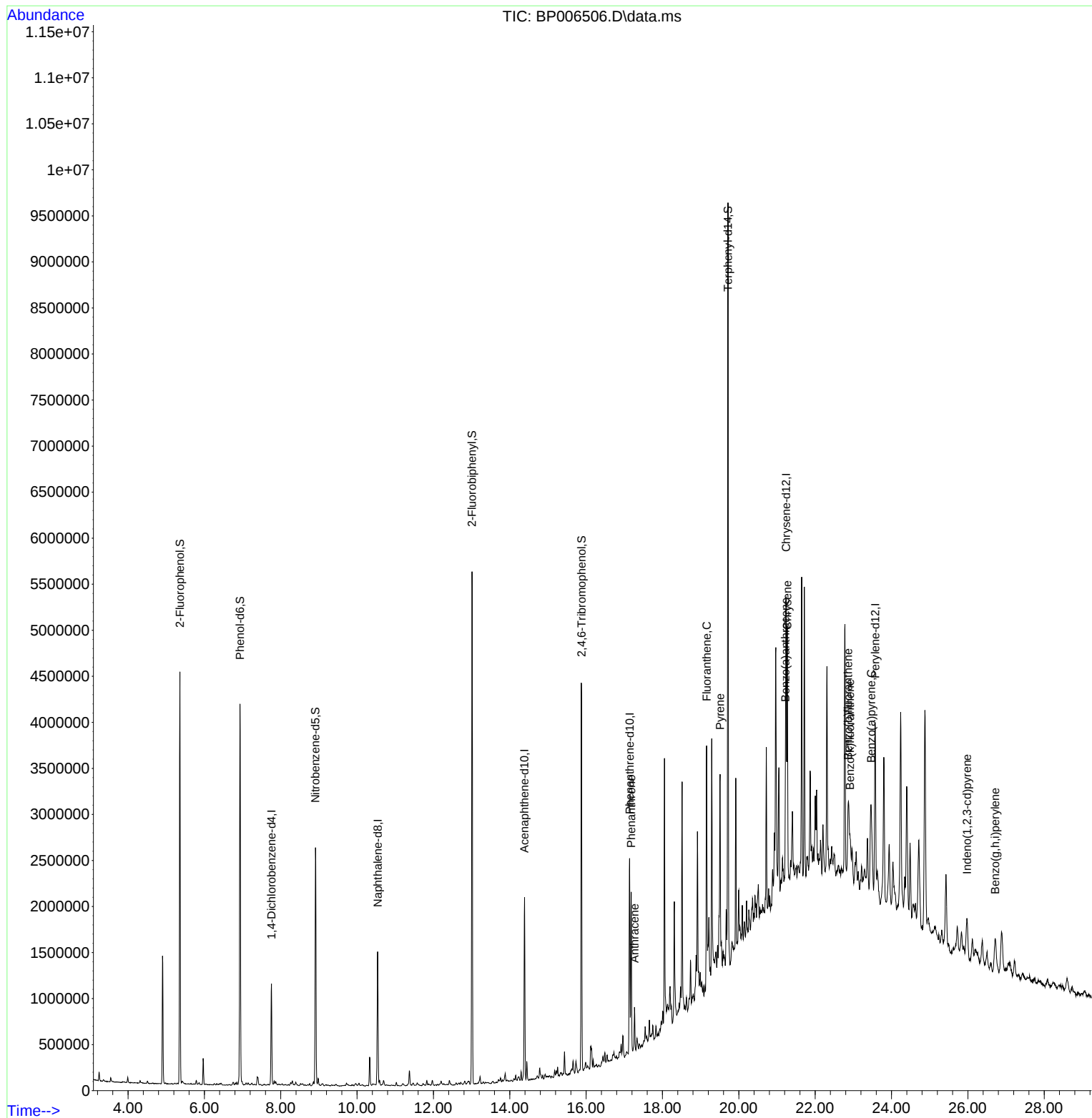
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Data File : BP006506.D
Acq On : 05 Aug 2021 14:33
Operator : CG/JU
Sample : M3276-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

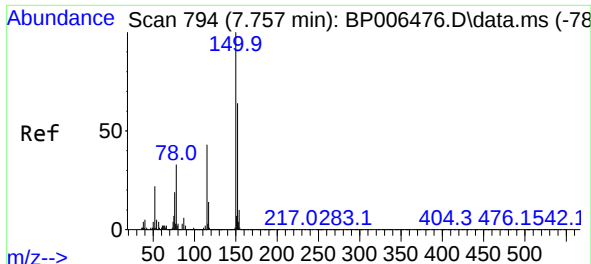
Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01

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Quant Time: Aug 05 15:22:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





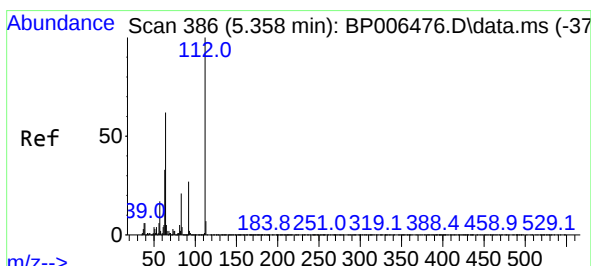
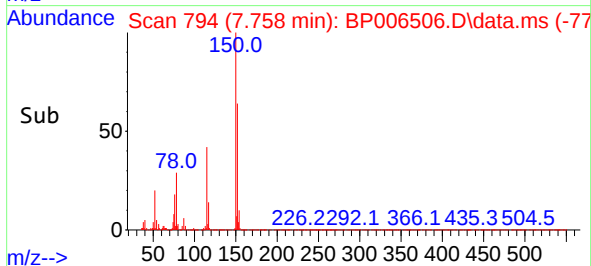
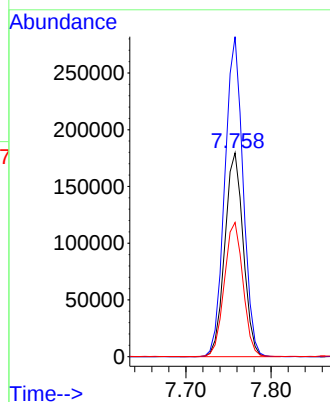
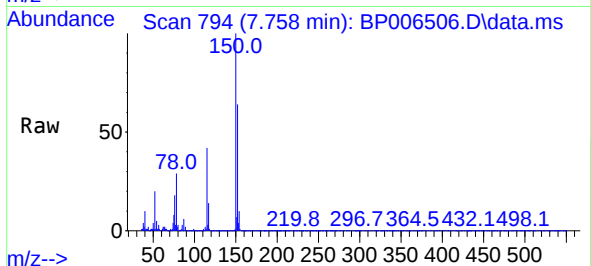
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 794
Delta R.T. 0.001 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

Tgt Ion:152 Resp: 270323
Ion Ratio Lower Upper
152 100
150 157.0 125.6 188.4
115 65.8 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01

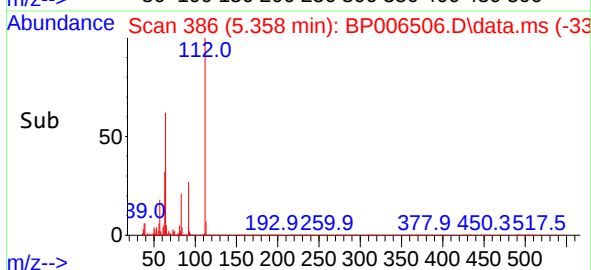
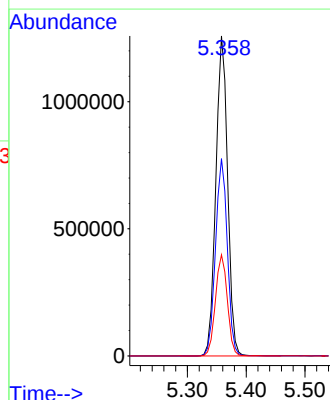
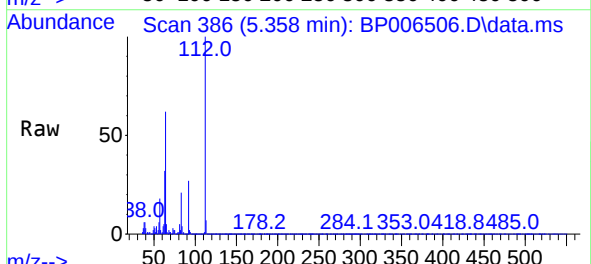
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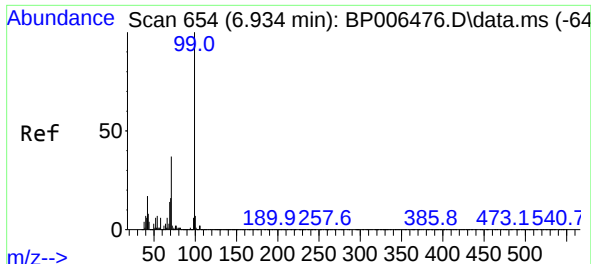
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#5
2-Fluorophenol
Concen: 99.364 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

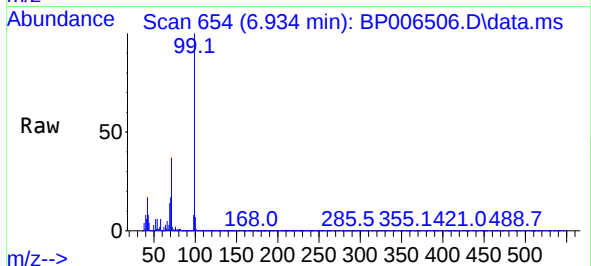
Tgt Ion:112 Resp: 1748784
Ion Ratio Lower Upper
112 100
64 61.6 41.4 62.2
63 31.6 23.8 35.8





#7
Phenol-d6
Concen: 90.819 ng
RT: 6.934 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

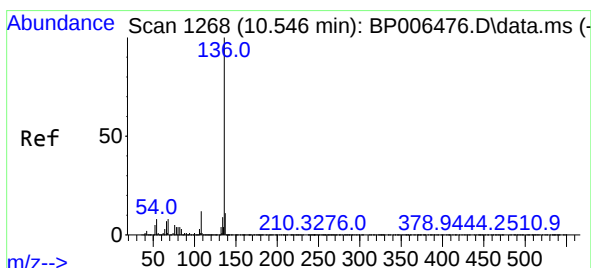
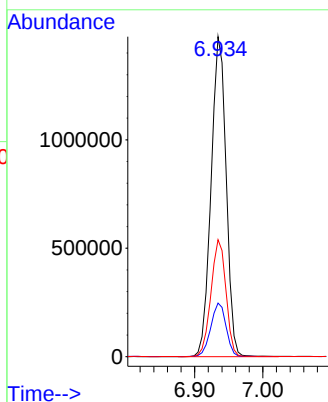
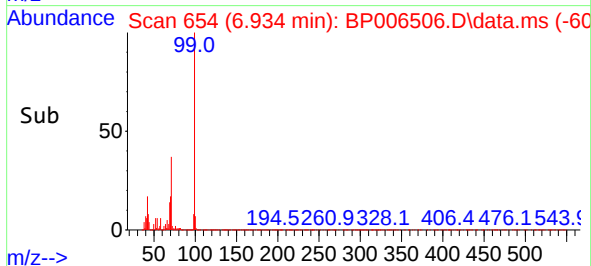
Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01



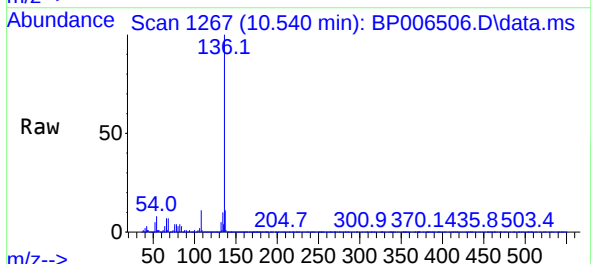
Tgt Ion: 99 Resp: 2270561
Ion Ratio Lower Upper
99 100
42 16.8 13.4 20.0
71 36.6 30.6 46.0

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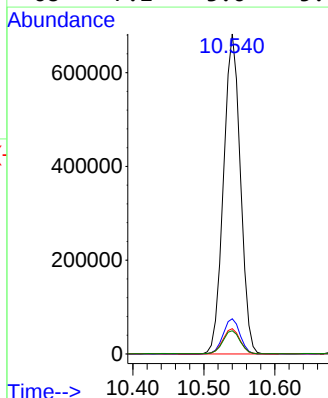
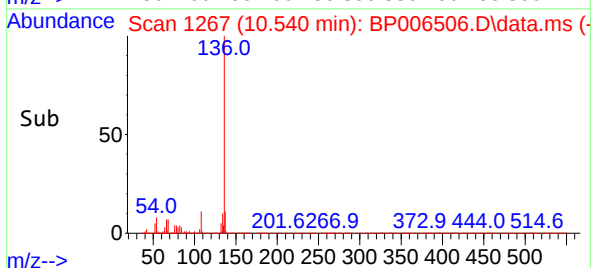
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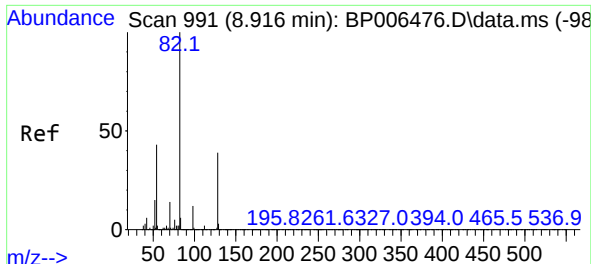


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33



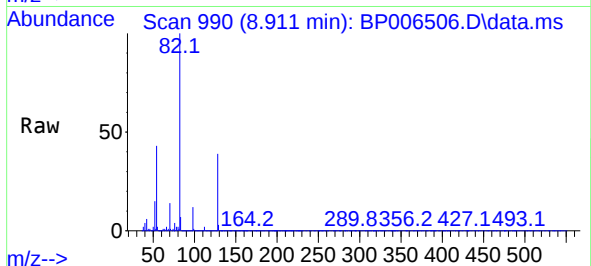
Tgt Ion: 136 Resp: 1122648
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.9 4.6 6.8#
68 7.2 3.6 5.4#





#23
Nitrobenzene-d5
Concen: 63.020 ng
RT: 8.911 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01

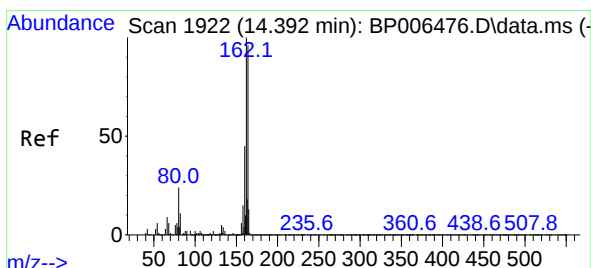
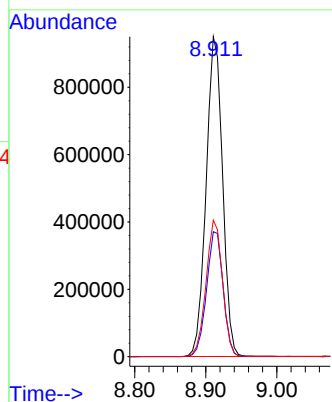
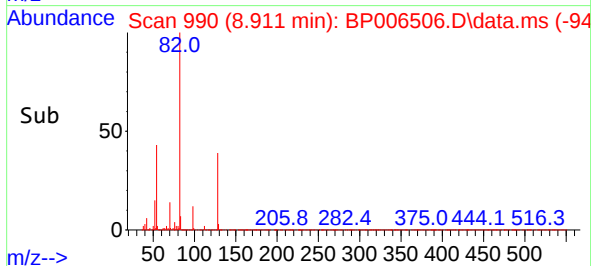


Tgt Ion: 82 Resp: 1532777

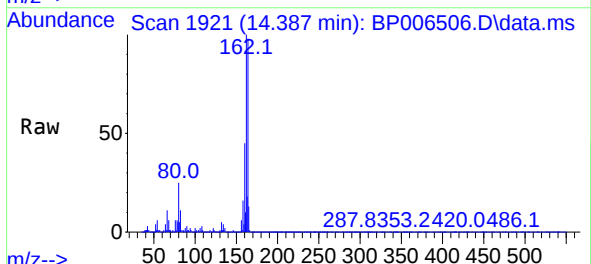
Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.7	53.5
54	42.7	35.0	52.4

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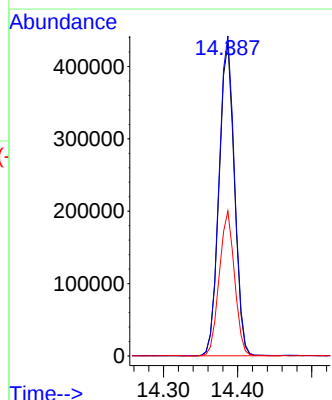
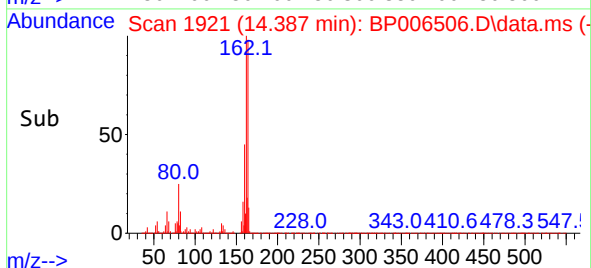


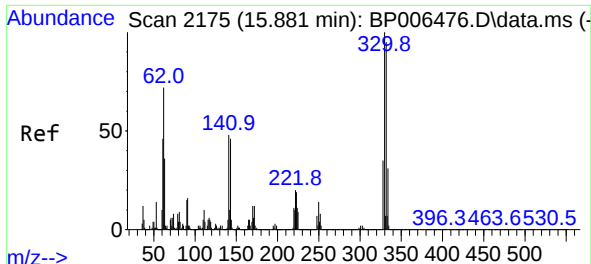
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33



Tgt Ion: 164 Resp: 621575

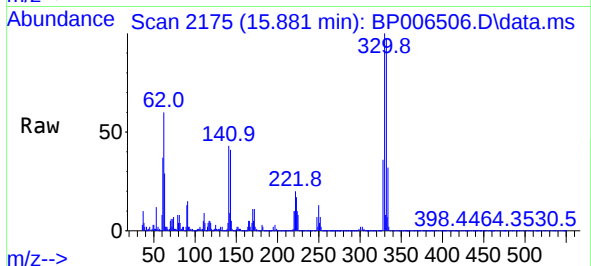
Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.2
160	46.4	34.5	51.7





#42
2,4,6-Tribromophenol
Concen: 99.166 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

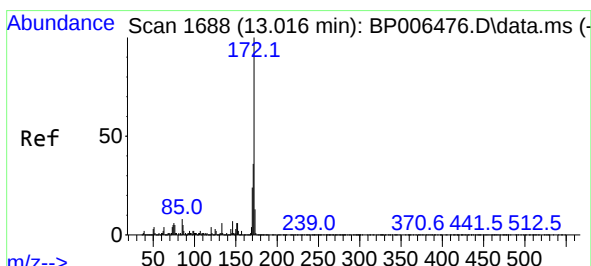
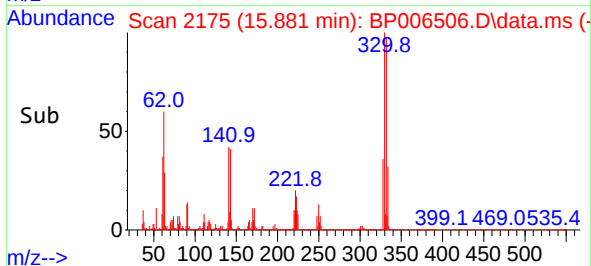
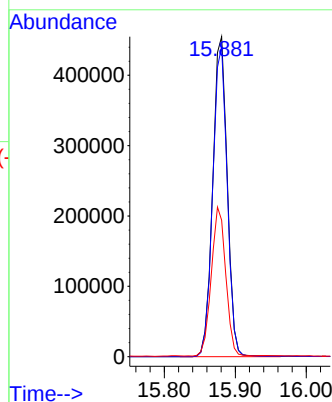
Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01



Tgt Ion:330 Resp: 644196
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 46.4 25.4 38.2#

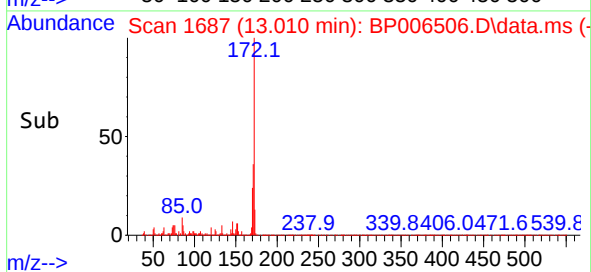
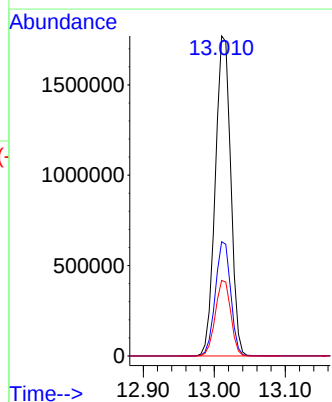
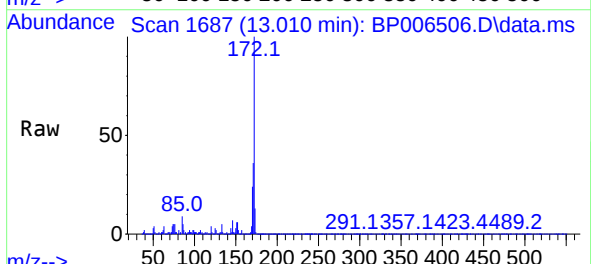
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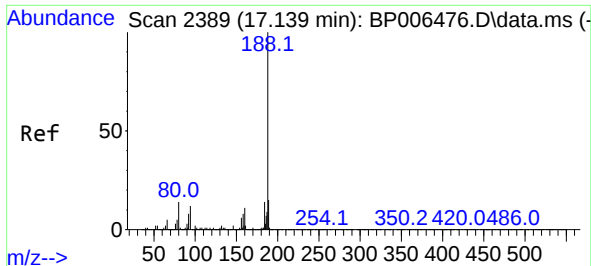
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#45
2-Fluorobiphenyl
Concen: 64.102 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

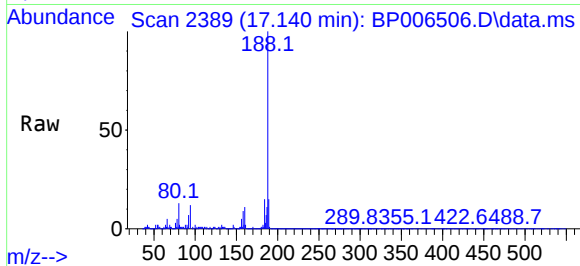
Tgt Ion:172 Resp: 2663155
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.6 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.140 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

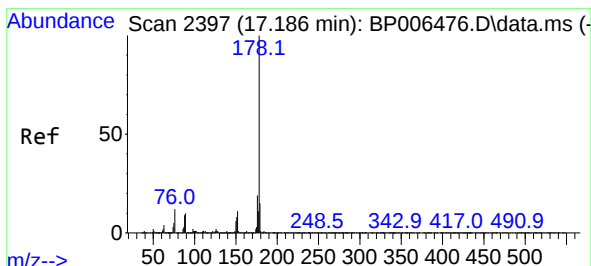
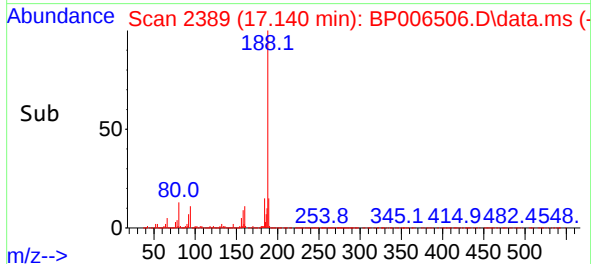
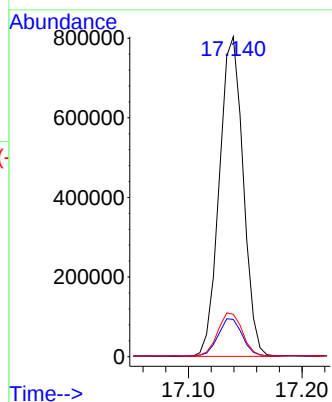
Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01



Tgt Ion:188 Resp: 1171813
Ion Ratio Lower Upper
188 100
94 11.6 5.6 8.4#
80 13.3 6.3 9.5#

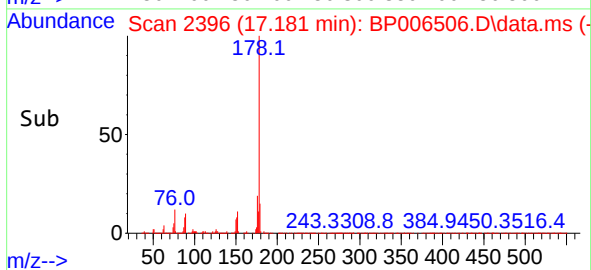
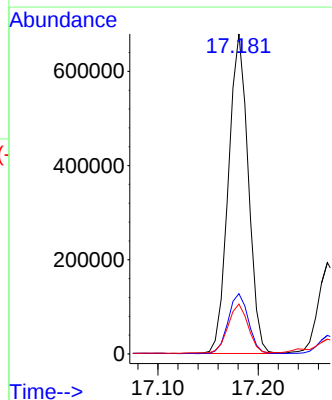
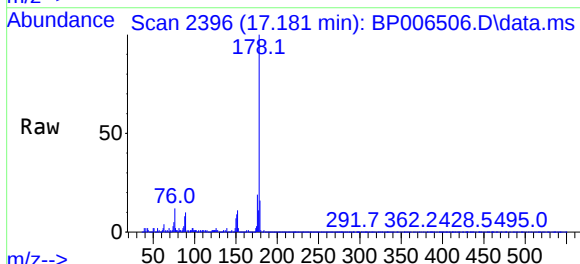
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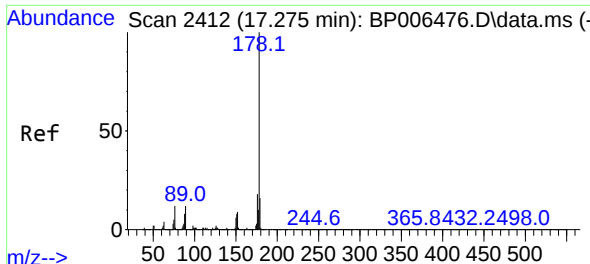
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#71
Phenanthrene
Concen: 14.138 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

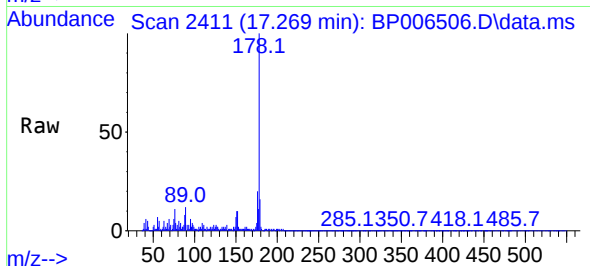
Tgt Ion:178 Resp: 934457
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.4 18.6





#72
 Anthracene
 Concen: 4.227 ng
 RT: 17.269 min Scan# 2411
 Delta R.T. -0.006 min
 Lab File: BP006506.D
 Acq: 05 Aug 2021 14:33

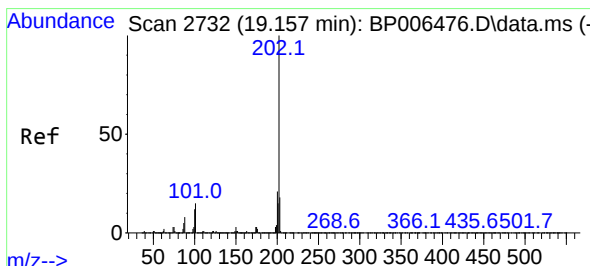
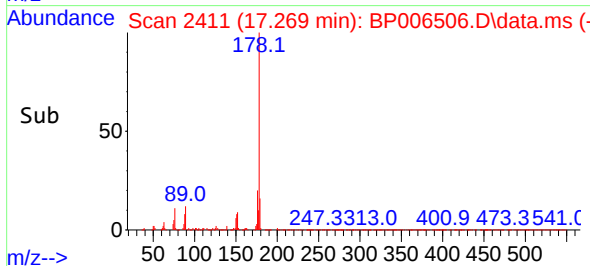
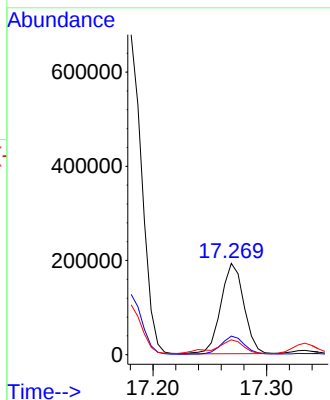
Instrument :
 BNA_P
 ClientSampleId :
 PRE-MAEC-01



Tgt Ion:178 Resp: 269982
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.9 22.3
 179 16.2 12.2 18.2

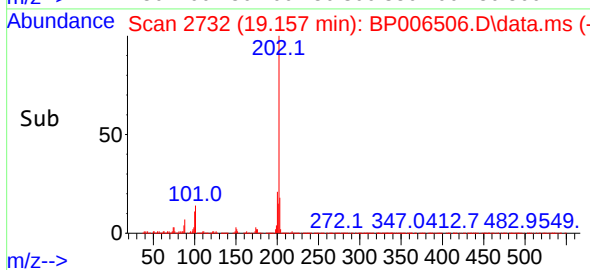
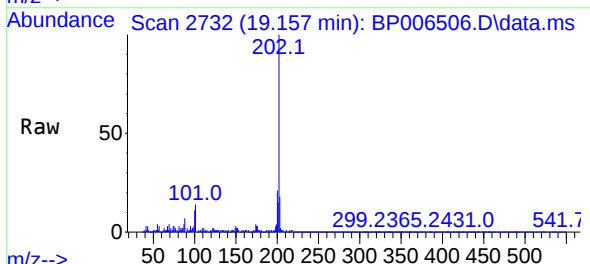
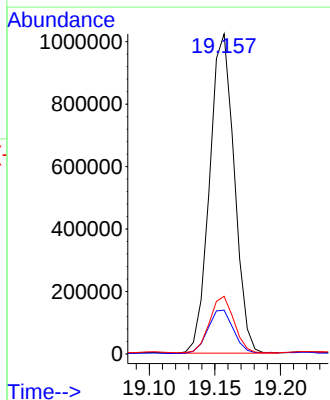
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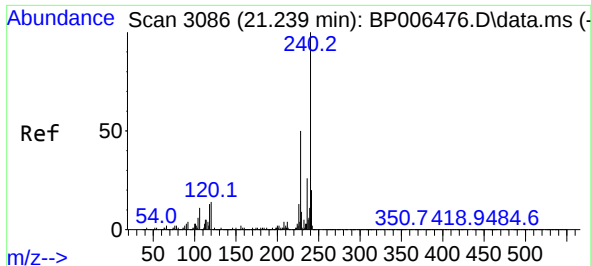
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#75
 Fluoranthene
 Concen: 18.015 ng
 RT: 19.157 min Scan# 2732
 Delta R.T. 0.000 min
 Lab File: BP006506.D
 Acq: 05 Aug 2021 14:33

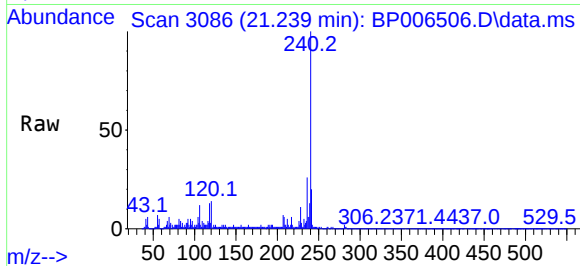
Tgt Ion:202 Resp: 1336464
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 27.6
 203 18.0 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

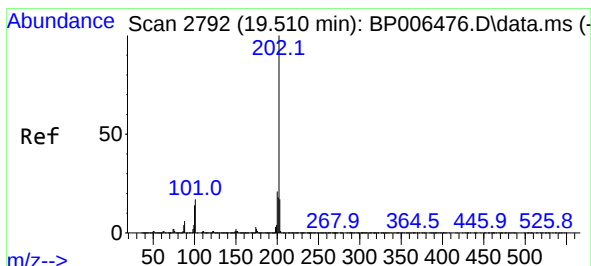
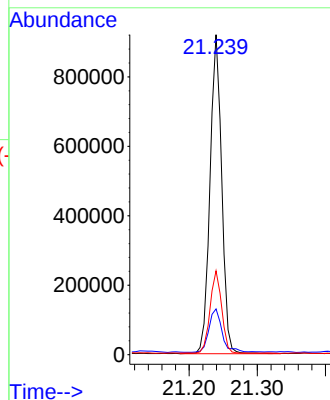
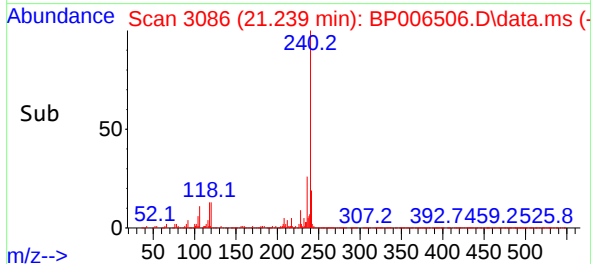
Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01



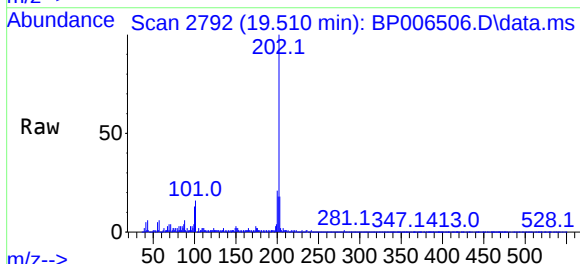
Tgt Ion:240 Resp: 1093185
Ion Ratio Lower Upper
240 100
120 14.3 6.5 9.7#
236 26.2 20.6 31.0

Manual Integrations
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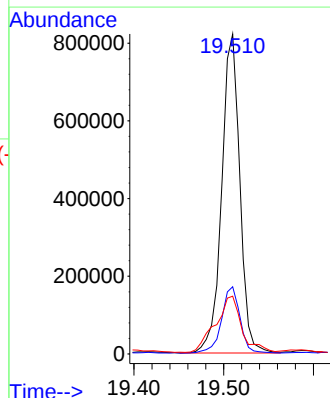
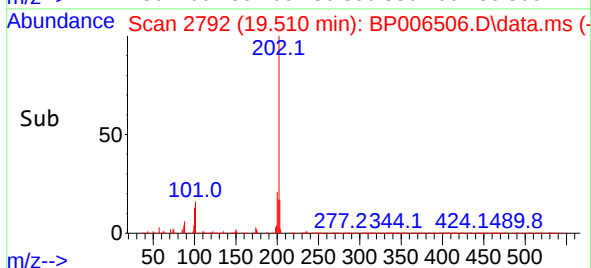
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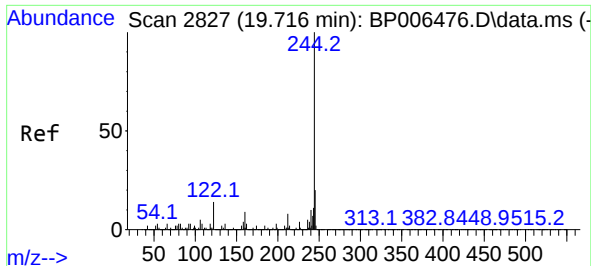


#78
Pyrene
Concen: 15.779 ng
RT: 19.510 min Scan# 2792
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33



Tgt Ion:202 Resp: 1152143
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 18.1 14.2 21.2





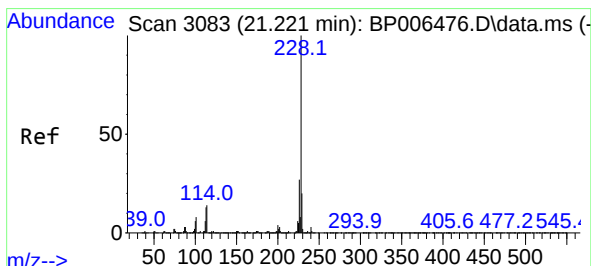
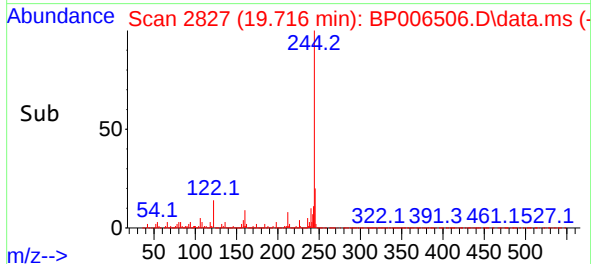
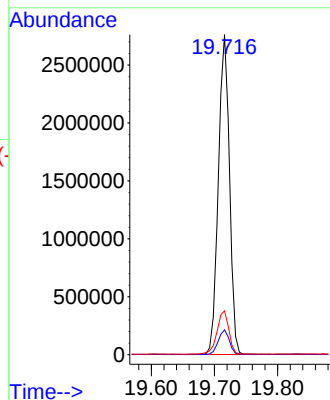
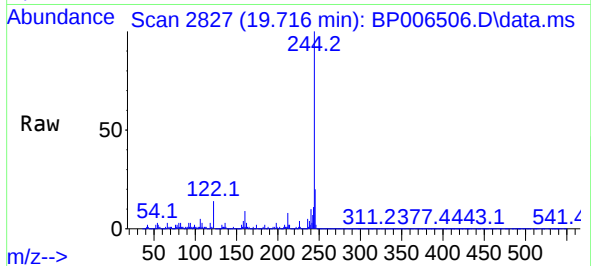
#79
Terphenyl-d14
Concen: 61.856 ng
RT: 19.716 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

Tgt Ion:244 Resp: 3374625
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 13.7 7.1 10.7#

Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01

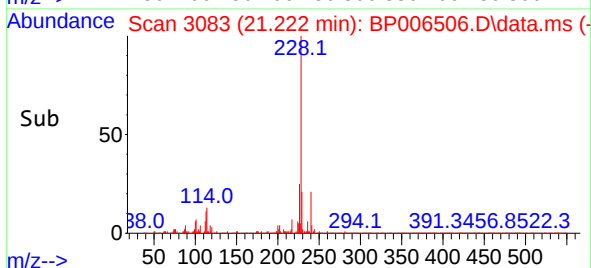
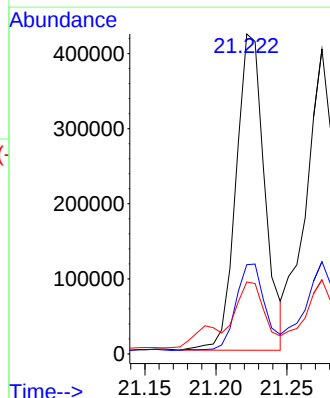
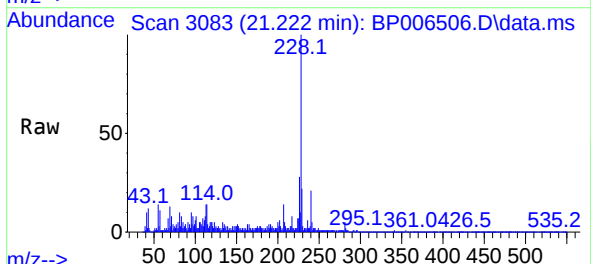
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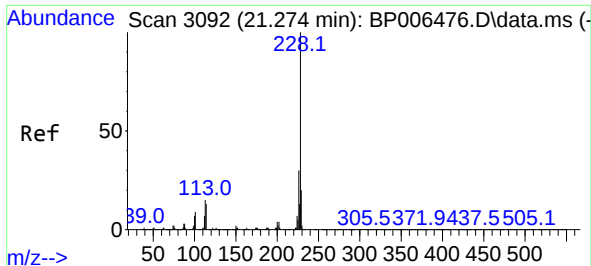
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#81
Benzo(a)anthracene
Concen: 8.265 ng
RT: 21.222 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

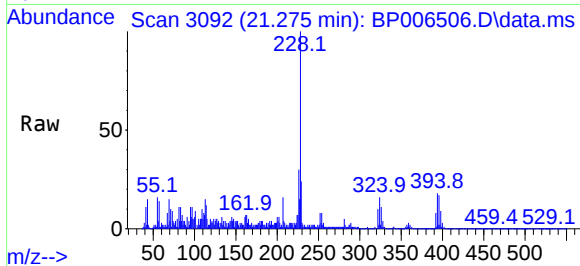
Tgt Ion:228 Resp: 590457
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 22.5 15.8 23.6





#83
Chrysene
Concen: 8.150 ng m
RT: 21.275 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

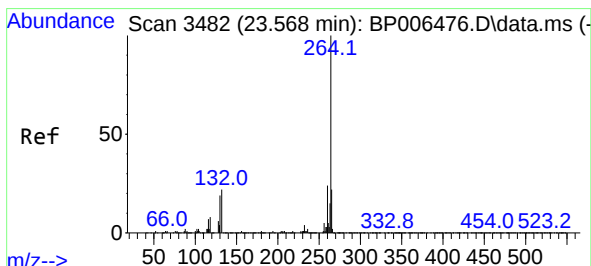
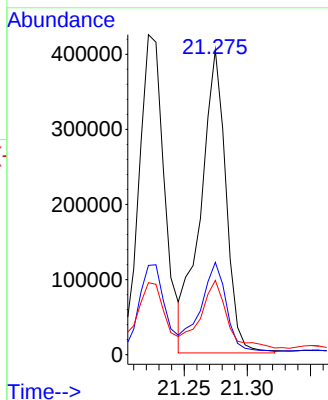
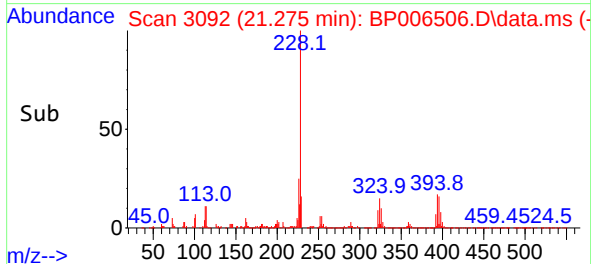
Instrument :
BNA_P
ClientSampled :
PRE-MAEC-01



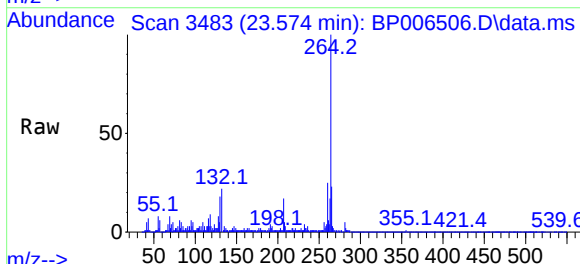
Tgt Ion:228 Resp: 564476
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 24.3 15.4 23.2#

Manual Integrations
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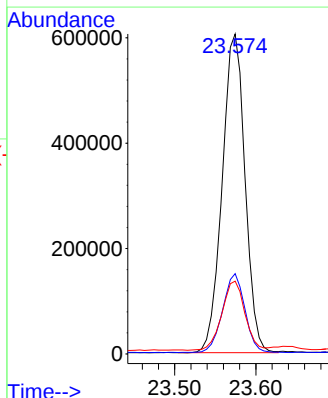
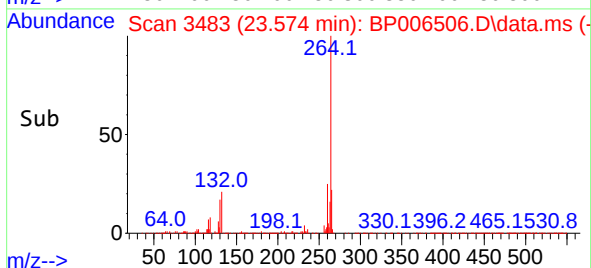
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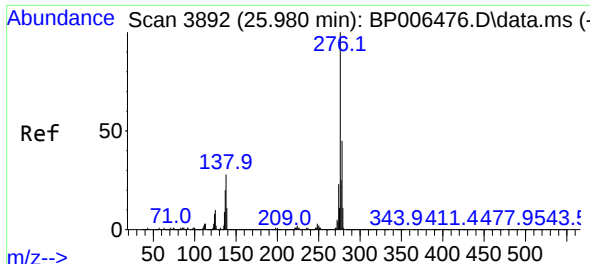


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.574 min Scan# 3483
Delta R.T. 0.006 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

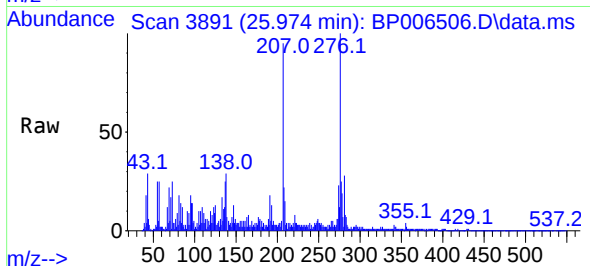


Tgt Ion:264 Resp: 1183470
Ion Ratio Lower Upper
264 100
260 25.1 18.6 28.0
265 22.7 17.6 26.4

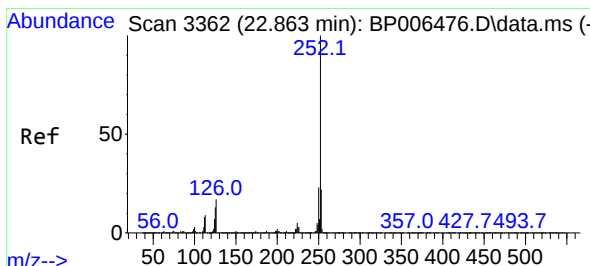
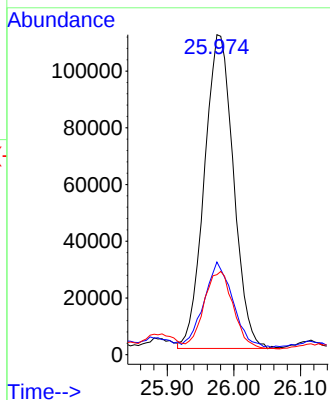
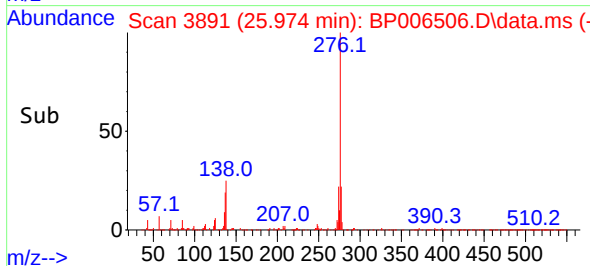




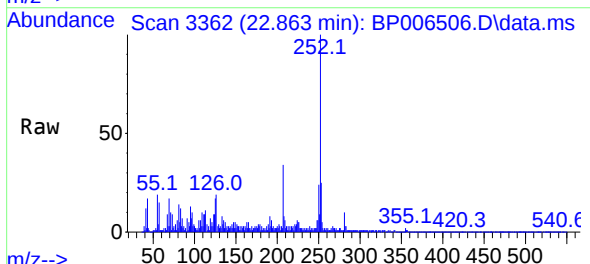
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.914 ng m
 RT: 25.974 min Scan# 3891
 Delta R.T. -0.006 min
 Lab File: BP006506.D
 Acq: 05 Aug 2021 14:33



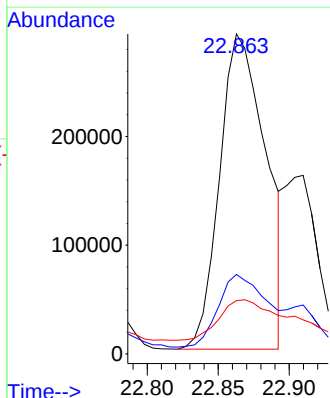
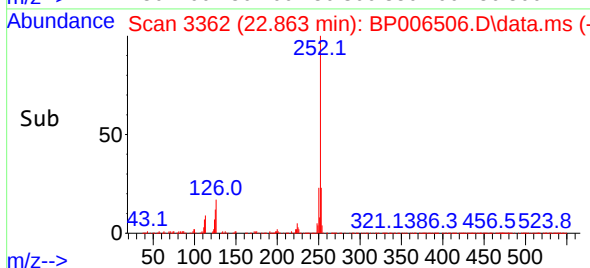
Tgt Ion: 276 Resp: 335872
 Ion Ratio Lower Upper
 276 100
 138 2.0 15.3 22.9#
 277 2.7 20.4 30.6#



#88
 Benzo(b)fluoranthene
 Concen: 8.526 ng
 RT: 22.863 min Scan# 3362
 Delta R.T. 0.000 min
 Lab File: BP006506.D
 Acq: 05 Aug 2021 14:33



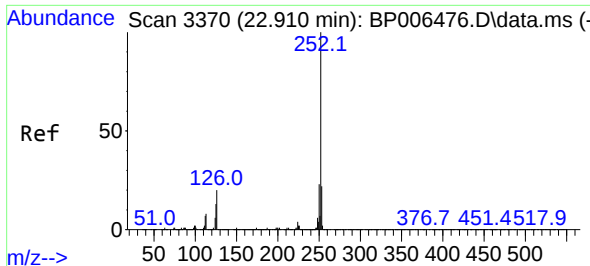
Tgt Ion: 252 Resp: 655757
 Ion Ratio Lower Upper
 252 100
 253 24.9 17.5 26.3
 125 16.7 6.2 9.4#



Instrument :
 BNA_P
 ClientSampled :
 PRE-MAEC-01

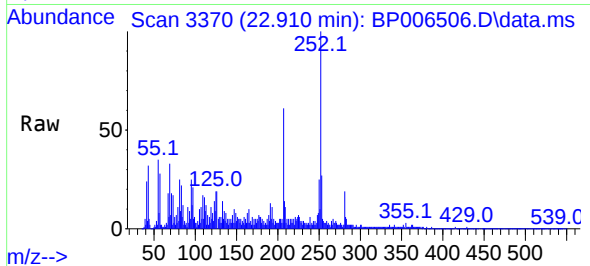
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#89
Benzo(k)fluoranthene
Concen: 3.552 ng m
RT: 22.910 min Scan# 3370
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

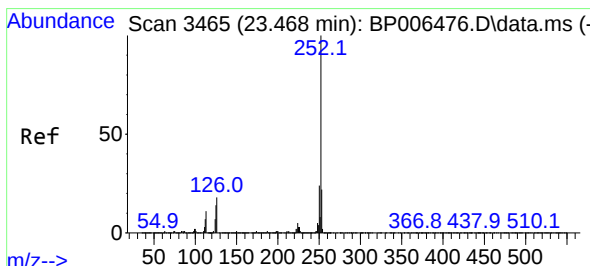
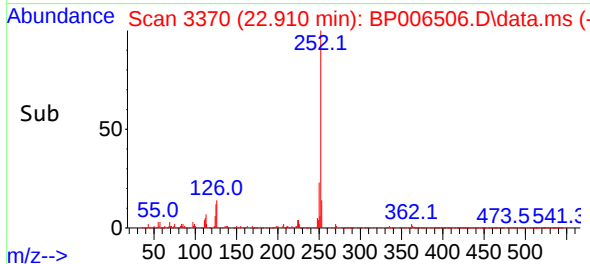
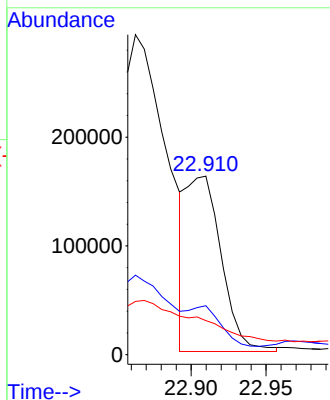
Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01



Tgt Ion:252 Resp: 262297
Ion Ratio Lower Upper
252 100
253 27.5 17.6 26.4#
125 19.1 6.0 9.0#

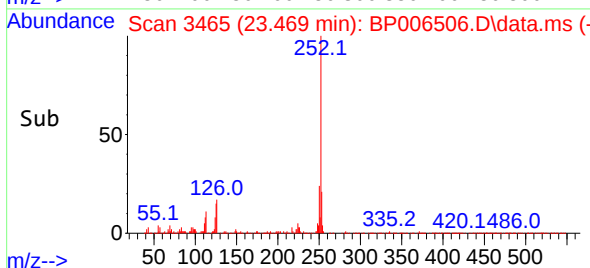
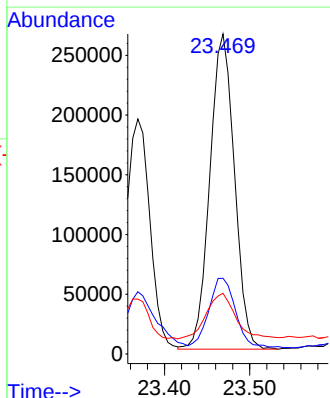
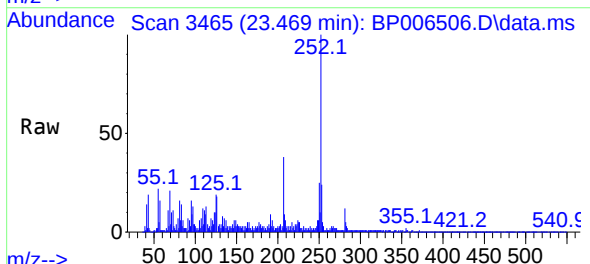
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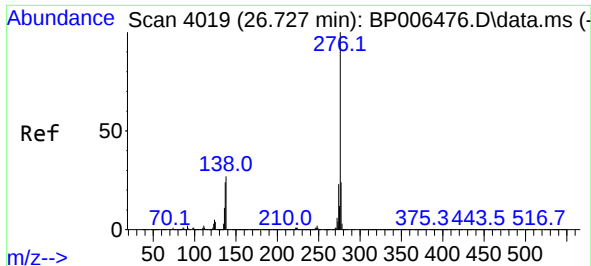
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#90
Benzo(a)pyrene
Concen: 7.691 ng
RT: 23.469 min Scan# 3465
Delta R.T. 0.000 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

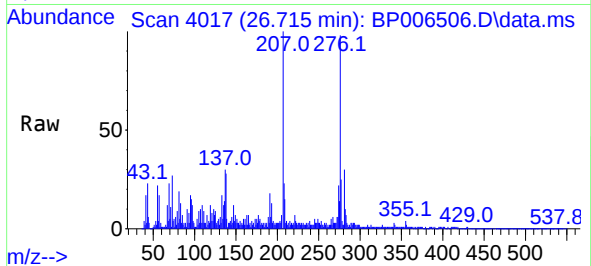
Tgt Ion:252 Resp: 530625
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 19.0 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 4.824 ng
RT: 26.715 min Scan# 4017
Delta R.T. -0.012 min
Lab File: BP006506.D
Acq: 05 Aug 2021 14:33

Instrument :
BNA_P
ClientSampleId :
PRE-MAEC-01



Tgt Ion: 276 Resp: 342973
Ion Ratio Lower Upper
276 100
277 25.9 18.9 28.3
138 29.0 12.6 18.8#

Manual Integrations
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