

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP006086.D
 Acq On : 28 Jun 2021 20:07
 Operator : CG/JU
 Sample : M2859-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PILE-2-062421

Manual Integrations
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Quant Time: Jun 29 02:07:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	89224	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	338611	20.000	ng	# 0.00
39) Acenaphthene-d10	14.545	164	226433	20.000	ng	0.01
64) Phenanthrene-d10	17.298	188	449257	20.000	ng	# 0.02
76) Chrysene-d12	21.363	240	554866	20.000	ng	0.00
86) Perylene-d12	23.768	264	644035	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	598228	107.587	ng	0.00
7) Phenol-d6	7.081	99	745004	103.371	ng	0.00
23) Nitrobenzene-d5	9.069	82	461692	66.848	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	555653	142.997	ng	0.01
45) 2-Fluorobiphenyl	13.169	172	1114624	64.639	ng	0.00
79) Terphenyl-d14	19.839	244	2166968	73.128	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.757	128	44079	2.250	ng	# 71
37) 2-Methylnaphthalene	12.369	142	634435	45.482	ng	99
38) 1-Methylnaphthalene	12.587	142	470309	35.794	ng	99
49) Acenaphthylene	14.269	152	68809m	3.008	ng	
50) Dimethylphthalate	13.998	163	148226	7.962	ng	# 88
52) Acenaphthene	14.610	154	89095	6.415	ng	# 81
55) Dibenzofuran	14.945	168	123008m	5.385	ng	
58) Fluorene	15.592	166	182863m	10.275	ng	
71) Phenanthrene	17.339	178	1116799	41.394	ng	# 95
75) Fluoranthene	19.298	202	137040	4.183	ng	62
78) Pyrene	19.651	202	765488	19.762	ng	# 92
81) Benzo(a)anthracene	21.345	228	195442	4.880	ng	# 53
83) Chrysene	21.398	228	304770	7.856	ng	# 74
84) Bis(2-ethylhexyl)phtha...	21.257	149	50795	2.173	ng	# 83
90) Benzo(a)pyrene	23.657	252	131165	3.163	ng	# 72

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

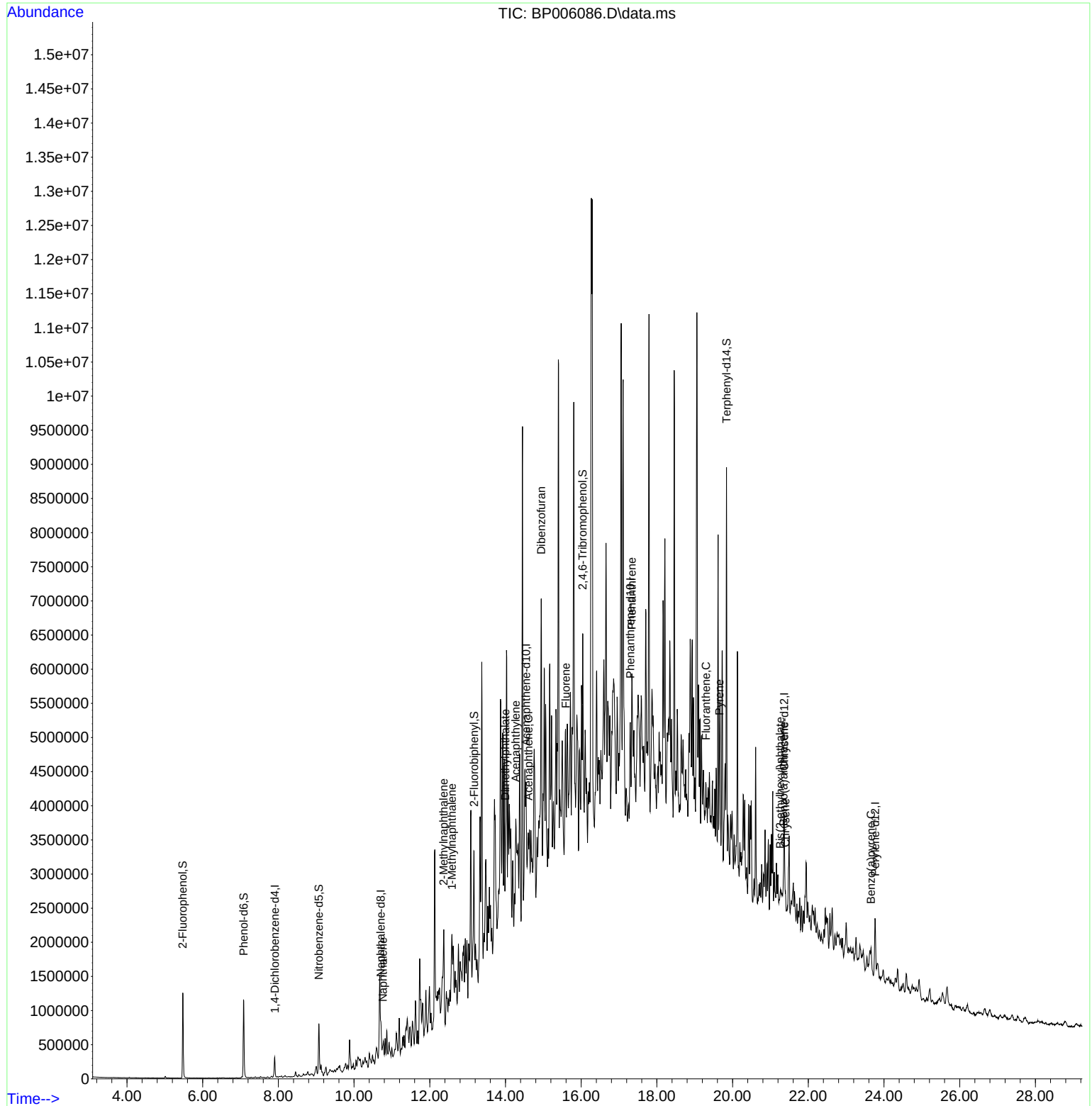
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006086.D
Acq On : 28 Jun 2021 20:07
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ALS Vial : 19 Sample Multiplier: 1

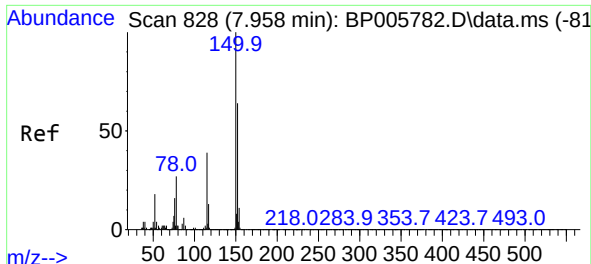
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
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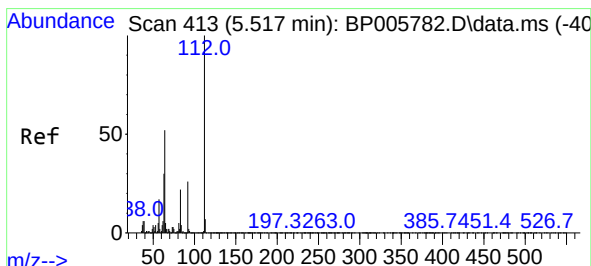
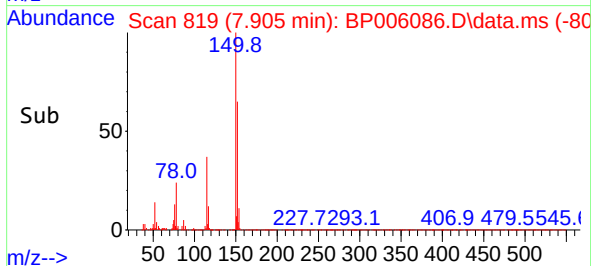
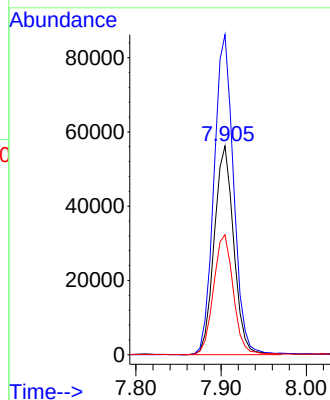
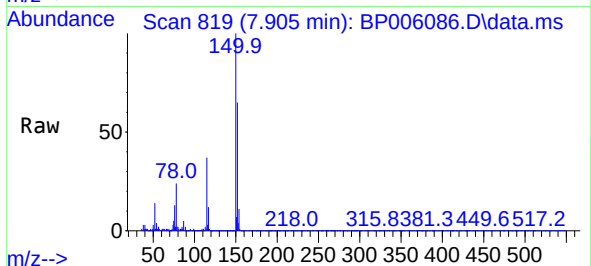
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

Tgt Ion:152 Resp: 89224
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 57.5 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

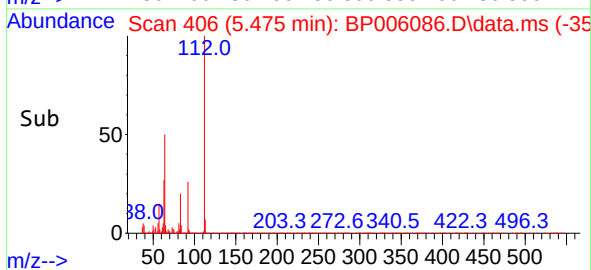
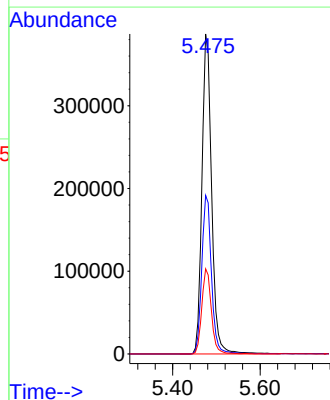
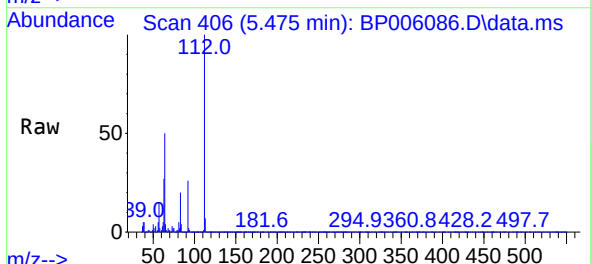
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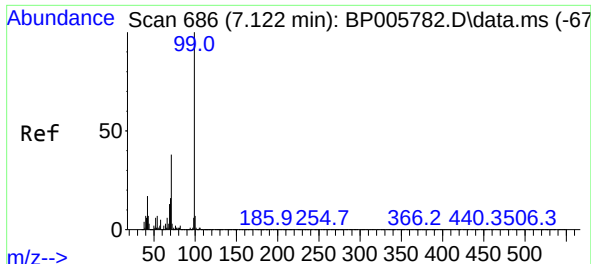
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#5
2-Fluorophenol
Concen: 107.587 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

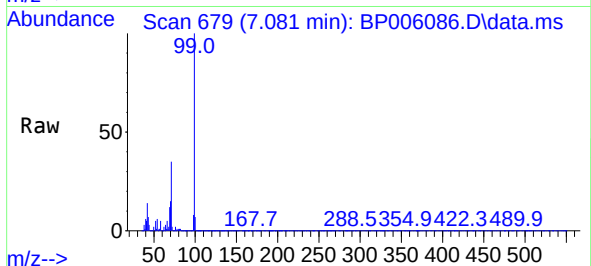
Tgt Ion:112 Resp: 598228
Ion Ratio Lower Upper
112 100
64 49.6 41.4 62.2
63 26.6 23.8 35.8





#7
Phenol-d6
Concen: 103.371 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

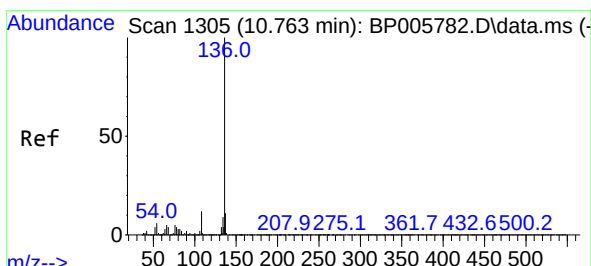
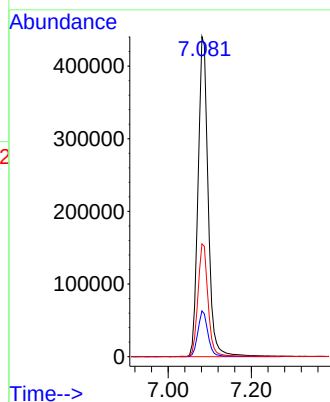
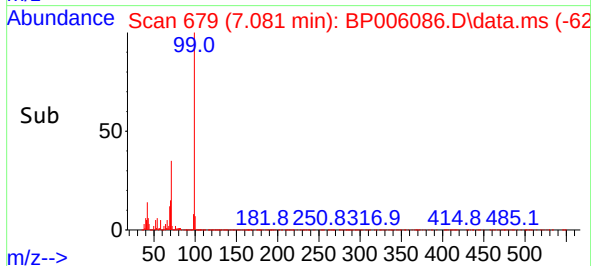
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BNA_P
ClientSampleId :
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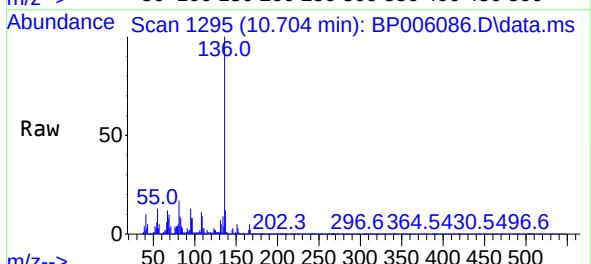
Tgt Ion: 99 Resp: 745004
Ion Ratio Lower Upper
99 100
42 14.3 13.4 20.0
71 35.3 30.6 46.0

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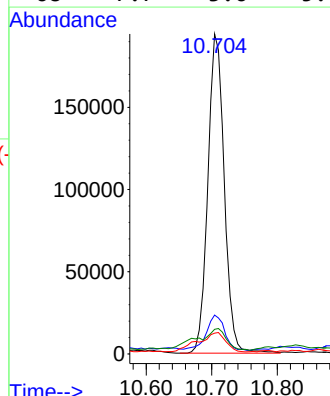
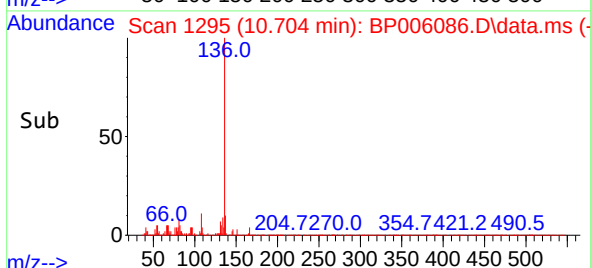
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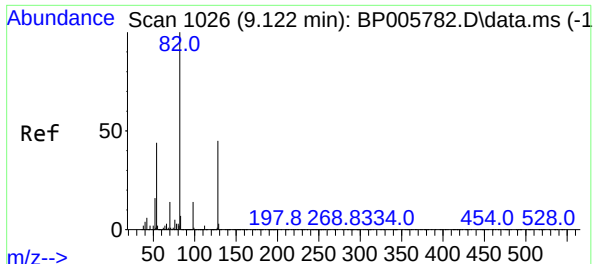


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07



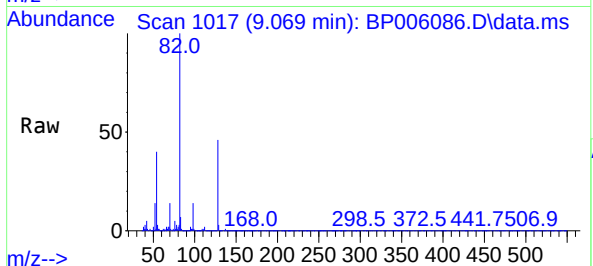
Tgt Ion: 136 Resp: 338611
Ion Ratio Lower Upper
136 100
137 12.1 8.6 12.8
54 6.5 4.6 6.8
68 7.7 3.6 5.4





#23
Nitrobenzene-d5
Concen: 66.848 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

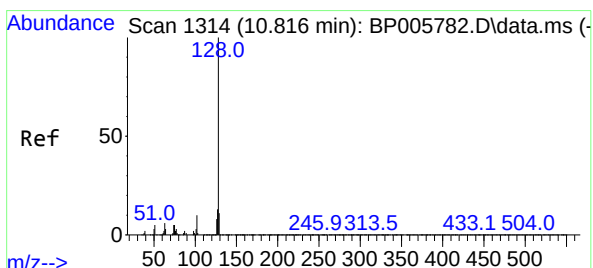
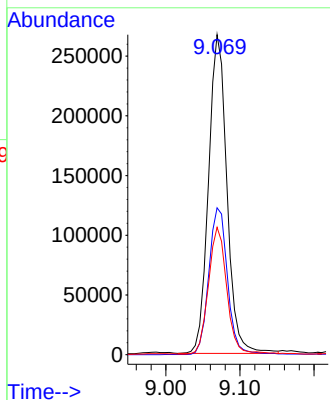
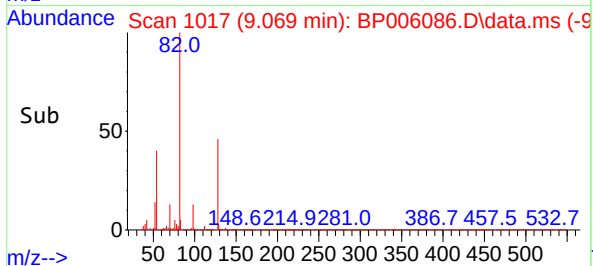
Instrument :
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ClientSampleId :
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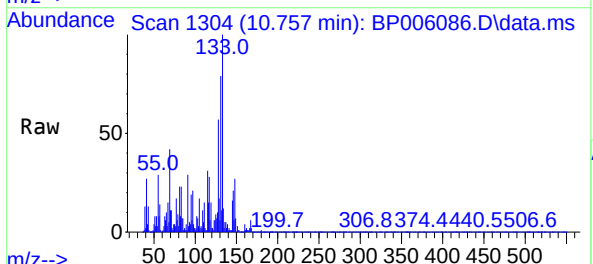
Tgt Ion: 82 Resp: 461692
Ion Ratio Lower Upper
82 100
128 45.9 35.7 53.5
54 39.8 35.0 52.4

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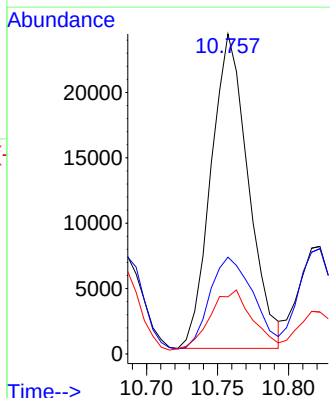
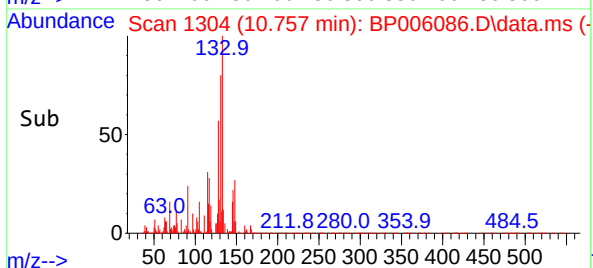
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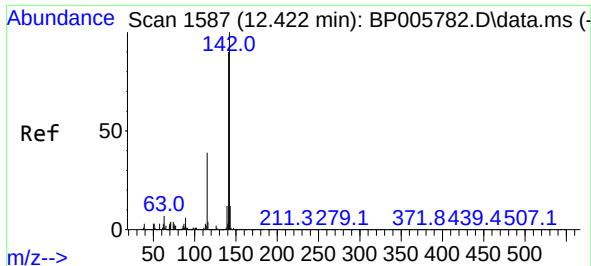


#31
Naphthalene
Concen: 2.250 ng
RT: 10.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07



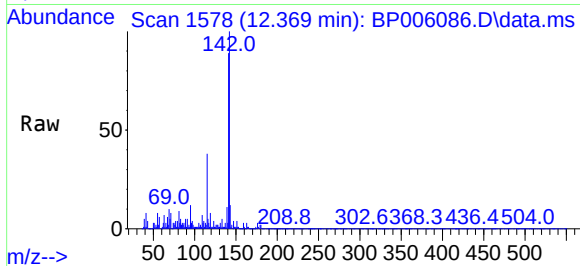
Tgt Ion: 128 Resp: 44079
Ion Ratio Lower Upper
128 100
129 30.3 9.0 13.6#
127 17.9 10.7 16.1#





#37
2-Methylnaphthalene
Concen: 45.482 ng
RT: 12.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

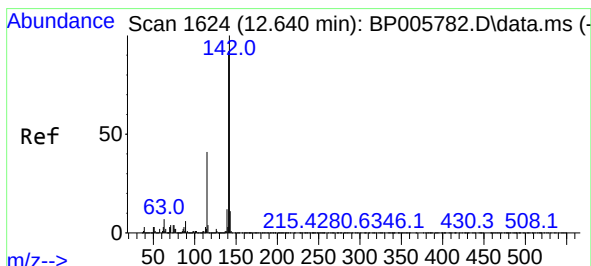
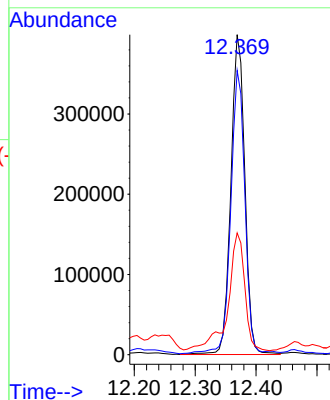
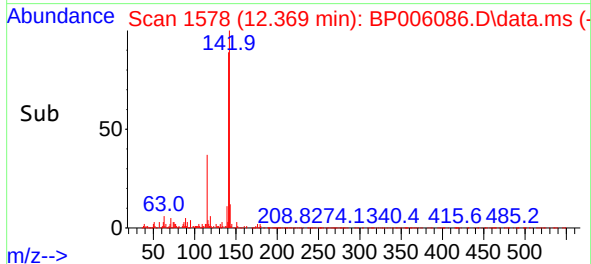
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BNA_P
ClientSampleId :
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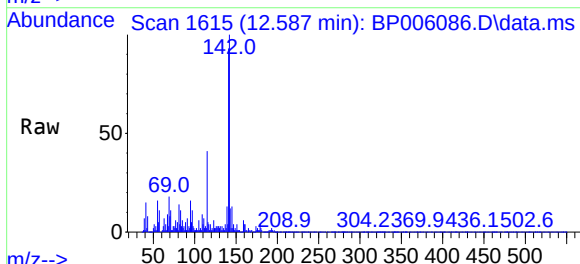
Tgt Ion:142 Resp: 634435
Ion Ratio Lower Upper
142 100
141 88.8 71.8 107.6
115 38.1 31.6 47.4

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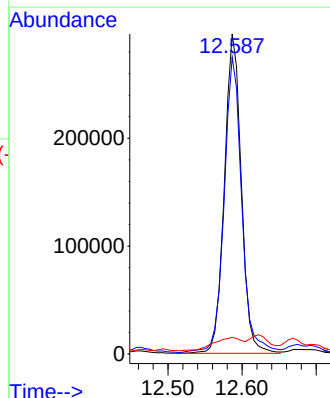
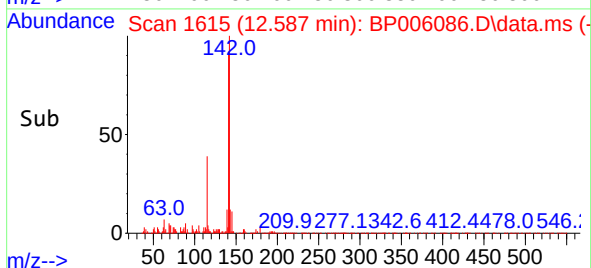
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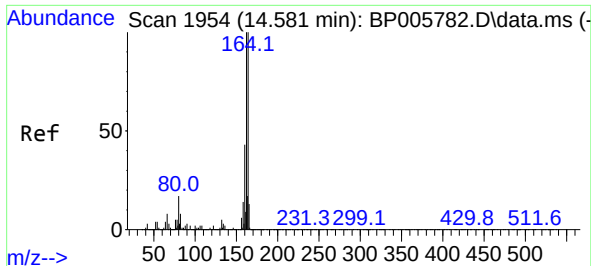


#38
1-Methylnaphthalene
Concen: 35.794 ng
RT: 12.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07



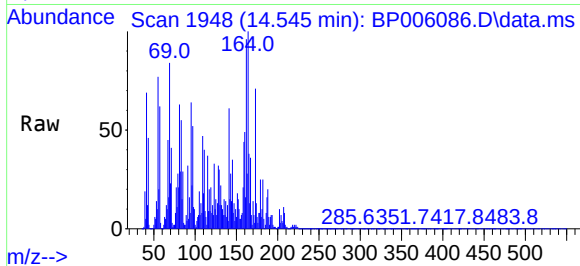
Tgt Ion:142 Resp: 470309
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9
116 5.2 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.012 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

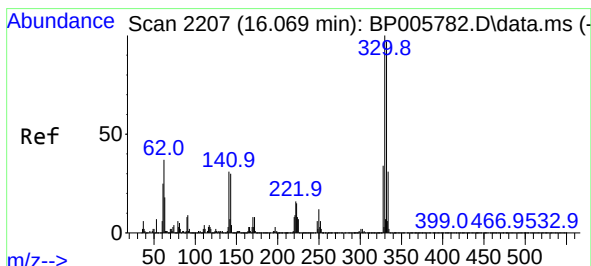
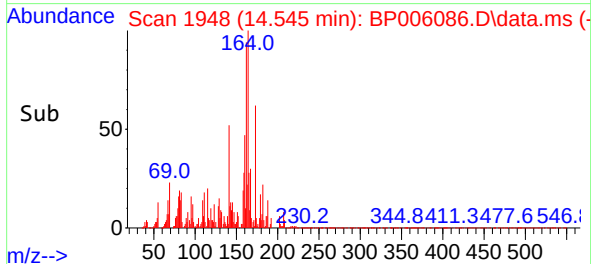
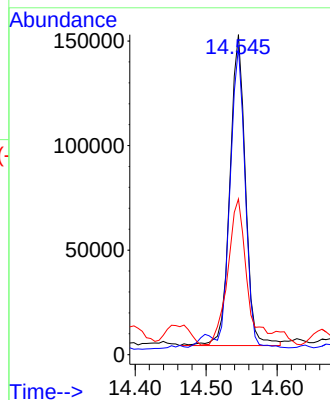
Instrument :
BNA_P
ClientSampleId :
PILE-2-062421



Tgt Ion:164 Resp: 226433
Ion Ratio Lower Upper
164 100
162 96.2 80.2 120.2
160 48.6 34.5 51.7

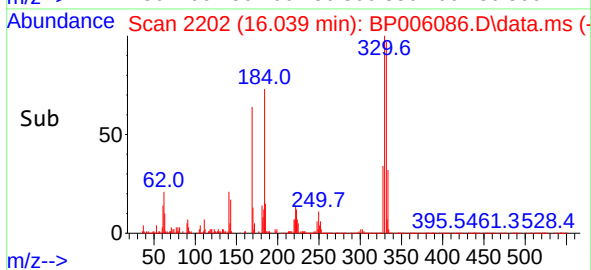
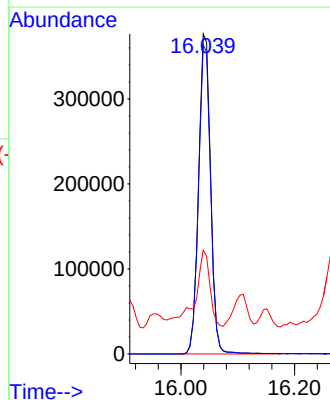
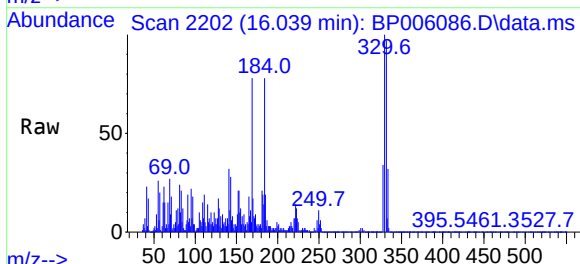
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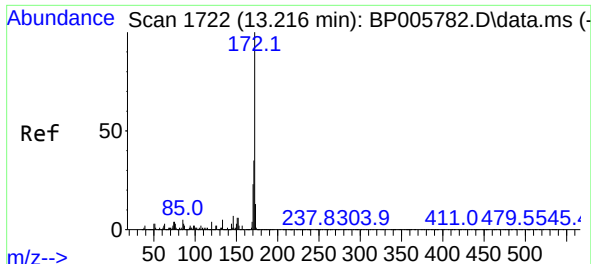
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#42
2,4,6-Tribromophenol
Concen: 142.997 ng
RT: 16.039 min Scan# 2202
Delta R.T. 0.012 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

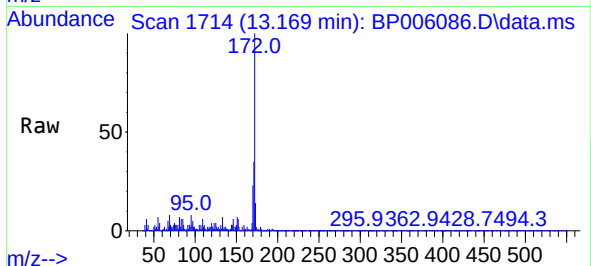
Tgt Ion:330 Resp: 555653
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 28.5 25.4 38.2





#45
2-Fluorobiphenyl
Concen: 64.639 ng
RT: 13.169 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

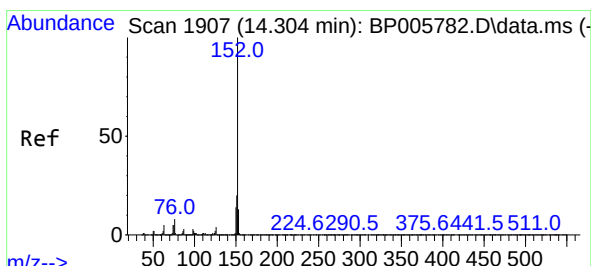
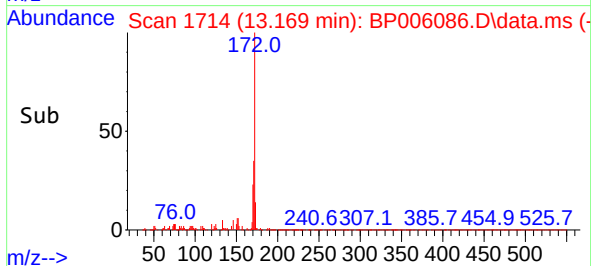
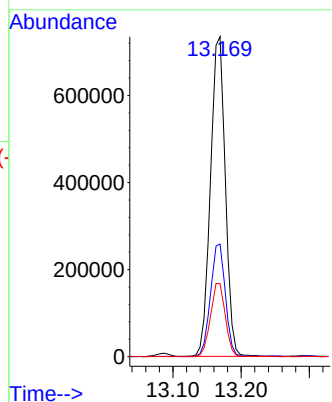


Tgt Ion:172 Resp: 1114624

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	22.9	18.6	27.8

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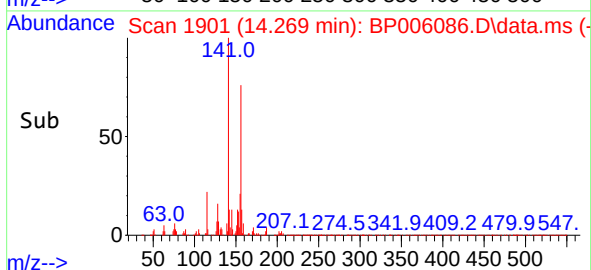
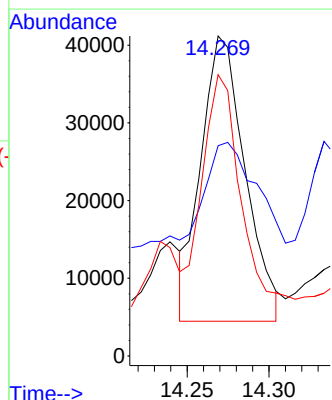
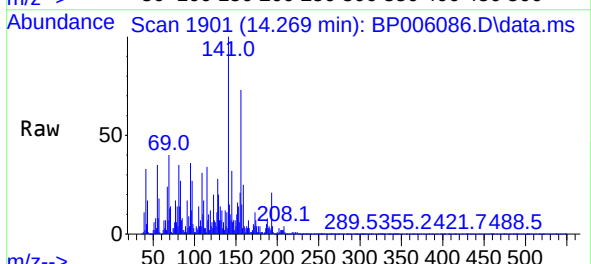
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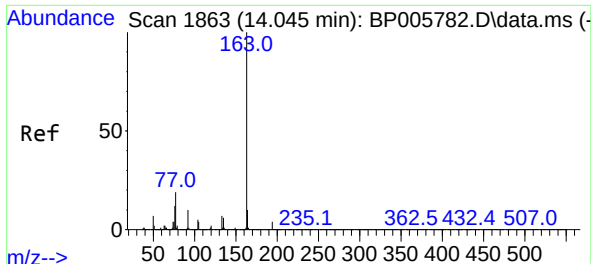


#49
Acenaphthylene
Concen: 3.008 ng m
RT: 14.269 min Scan# 1901
Delta R.T. 0.012 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

Tgt Ion:152 Resp: 68809

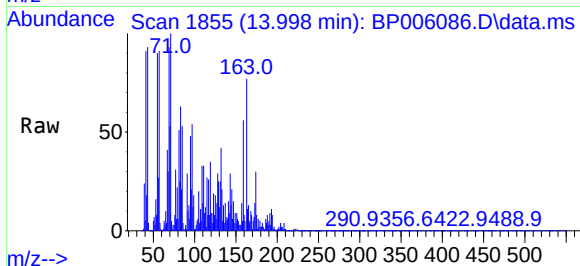
Ion	Ratio	Lower	Upper
152	100		
151	65.7	16.2	24.2#
153	87.9	10.6	16.0#





#50
Dimethylphthalate
Concen: 7.962 ng
RT: 13.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

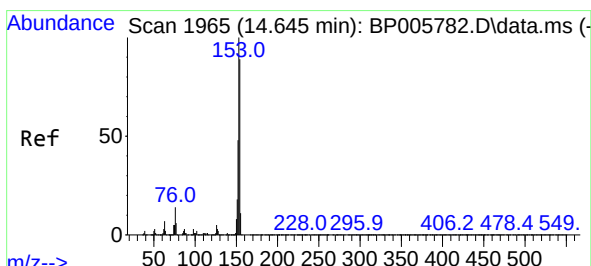
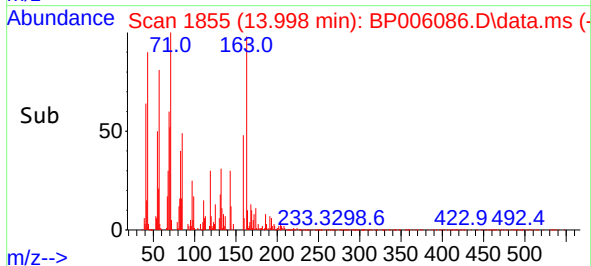
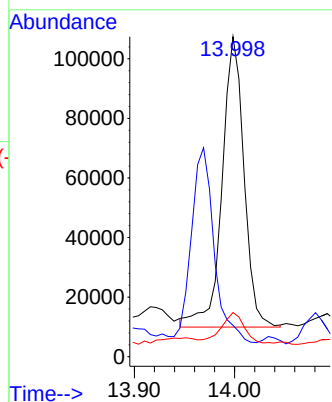
Instrument :
BNA_P
ClientSampleId :
PILE-2-062421



Tgt Ion:163 Resp: 148226
Ion Ratio Lower Upper
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194 9.8 3.4 5.2#
164 13.8 8.2 12.2#

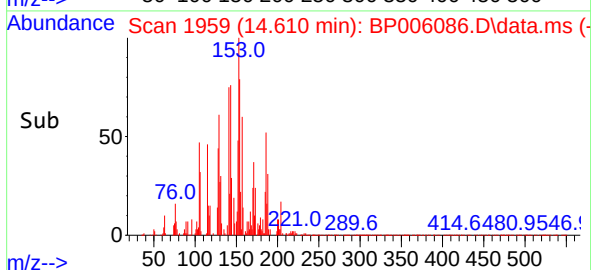
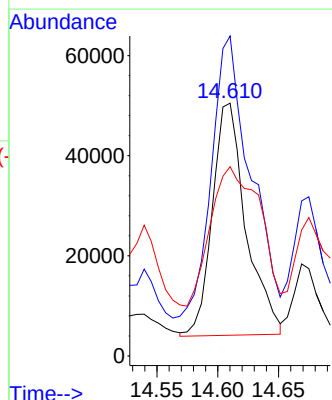
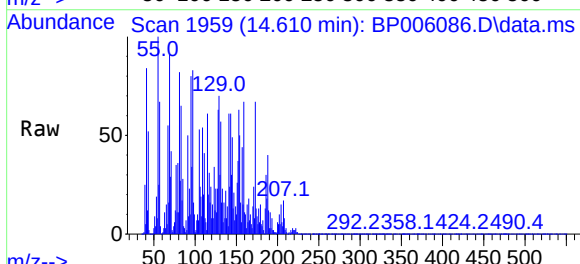
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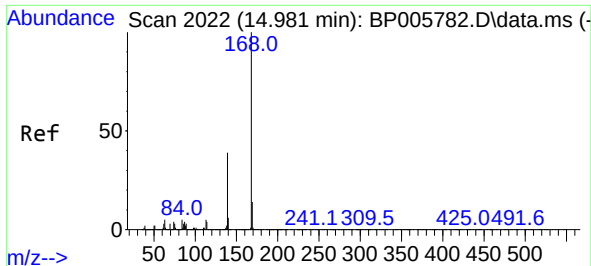
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#52
Acenaphthene
Concen: 6.415 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

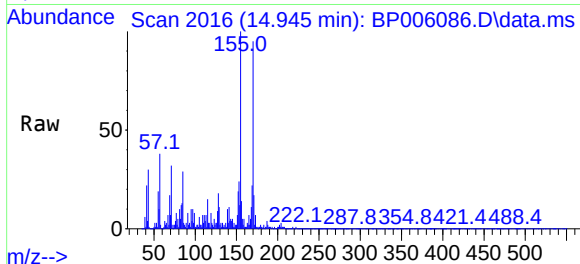
Tgt Ion:154 Resp: 89095
Ion Ratio Lower Upper
154 100
153 126.5 89.4 134.2
152 74.9 43.0 64.4#





#55
Dibenzofuran
Concen: 5.385 ng m
RT: 14.945 min Scan# 2016
Delta R.T. 0.012 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

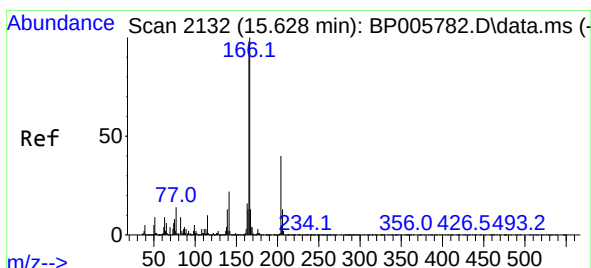
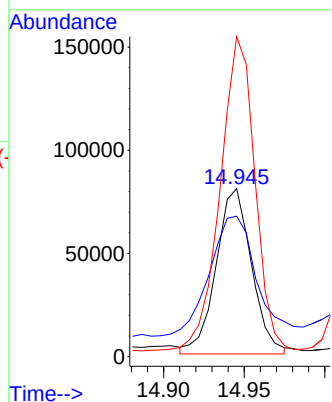
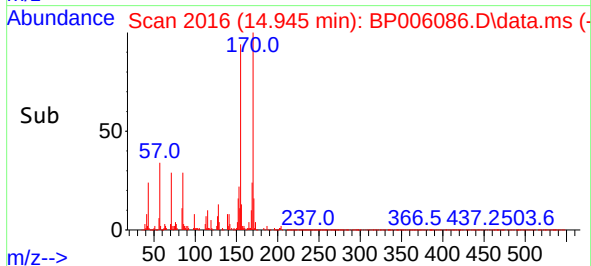
Instrument :
BNA_P
ClientSampleId :
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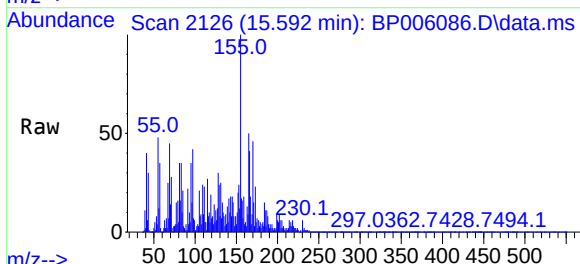
Tgt Ion:168 Resp: 123008
Ion Ratio Lower Upper
168 100
139 83.5 31.0 46.6#
169 190.2 10.8 16.2#

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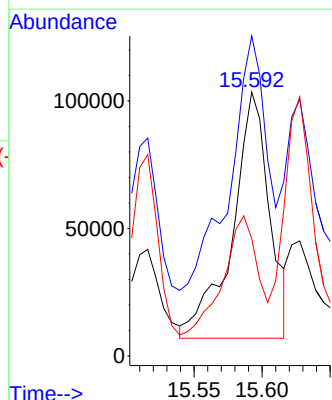
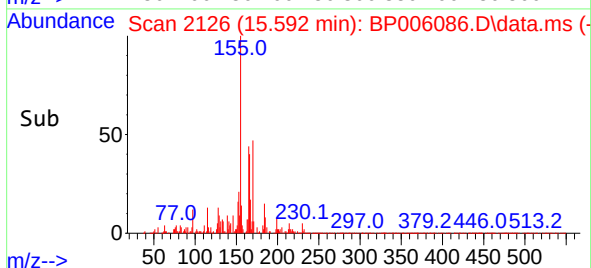
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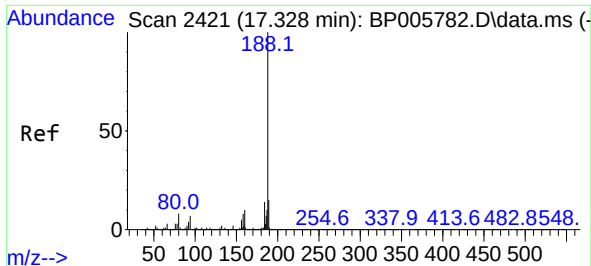


#58
Fluorene
Concen: 10.275 ng m
RT: 15.592 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07



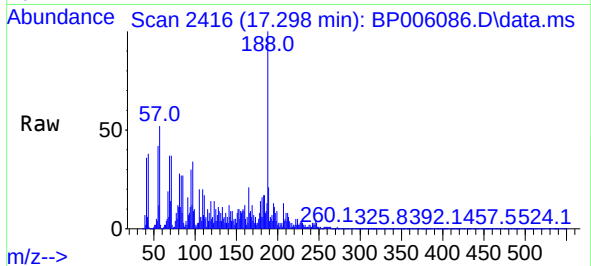
Tgt Ion:166 Resp: 182863
Ion Ratio Lower Upper
166 100
165 121.2 78.0 117.0#
167 44.5 10.5 15.7#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. 0.018 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

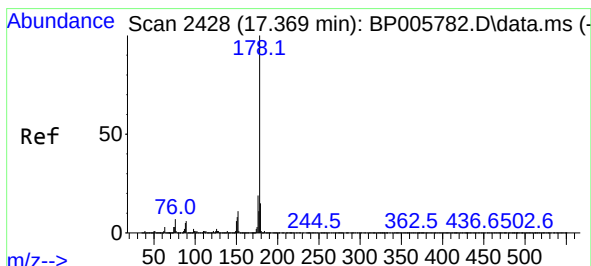
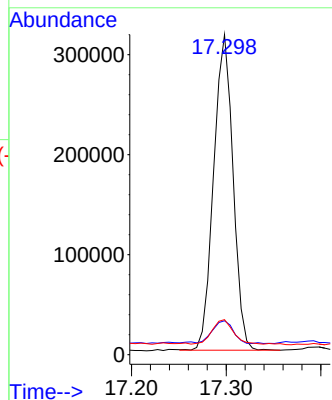
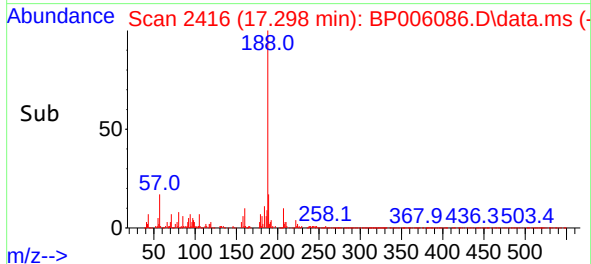
Instrument :
BNA_P
ClientSampleId :
PILE-2-062421



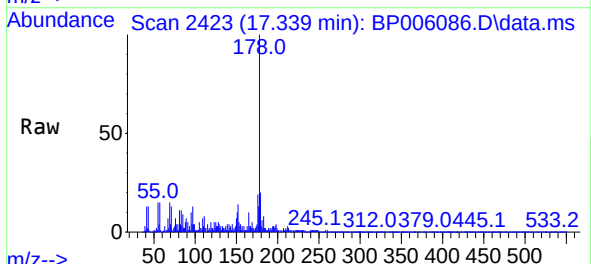
Tgt Ion:188 Resp: 449257
Ion Ratio Lower Upper
188 100
94 10.6 5.6 8.4#
80 11.0 6.3 9.5#

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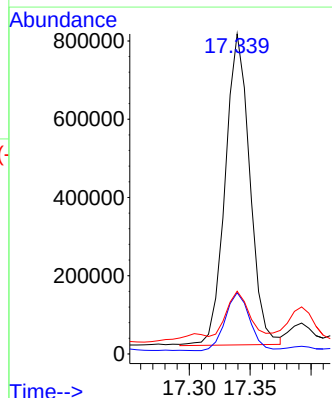
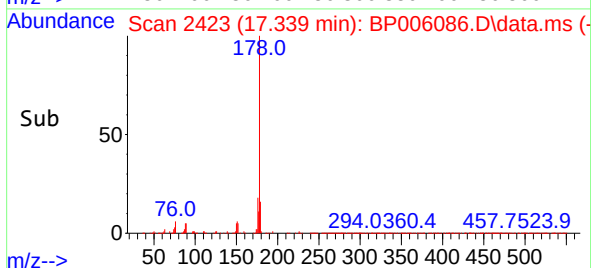
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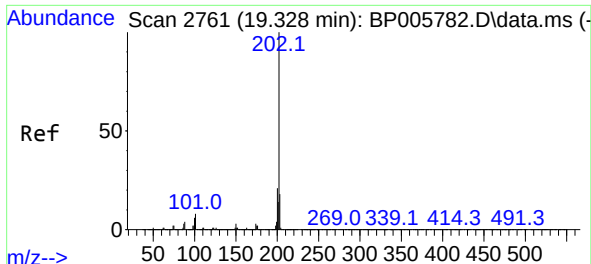


#71
Phenanthrene
Concen: 41.394 ng
RT: 17.339 min Scan# 2423
Delta R.T. 0.012 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07



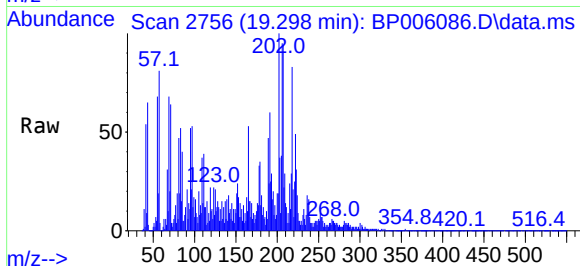
Tgt Ion:178 Resp: 1116799
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 19.6 12.4 18.6#





#75
Fluoranthene
Concen: 4.183 ng
RT: 19.298 min Scan# 2756
Delta R.T. 0.012 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

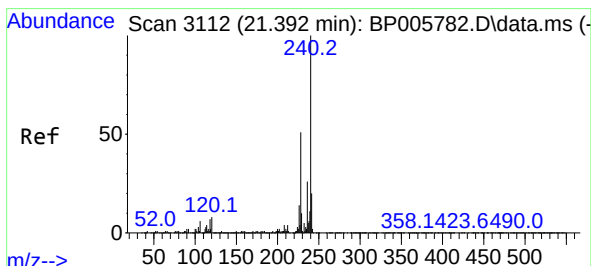
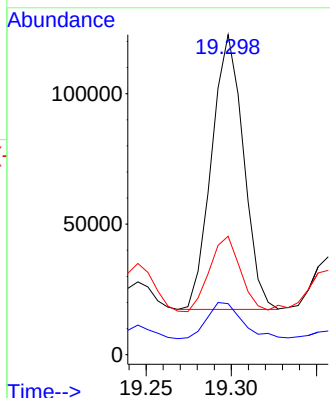
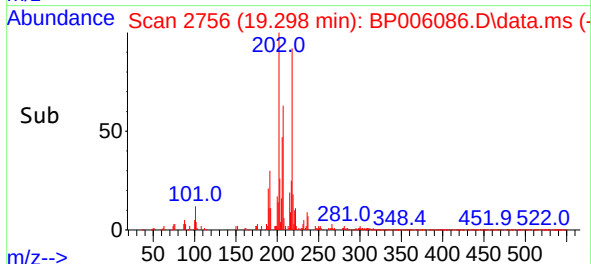
Instrument :
BNA_P
ClientSampleId :
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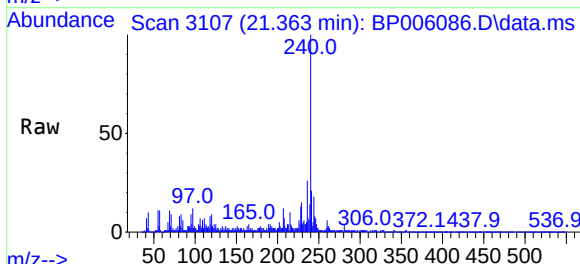
Tgt Ion:202 Resp: 137040
Ion Ratio Lower Upper
202 100
101 15.9 0.0 27.6
203 37.0 0.0 37.8

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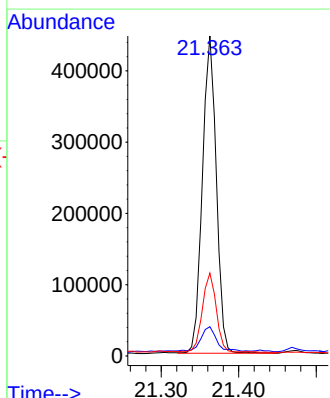
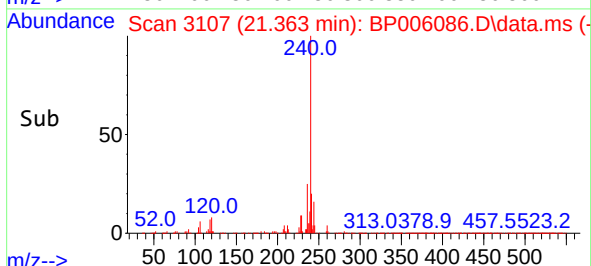
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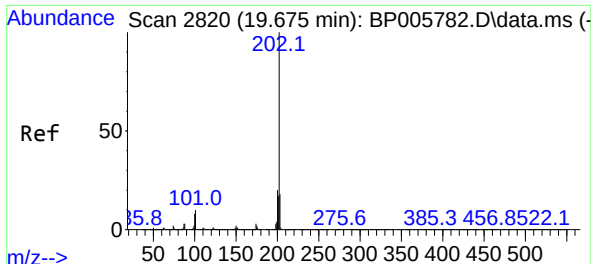


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07



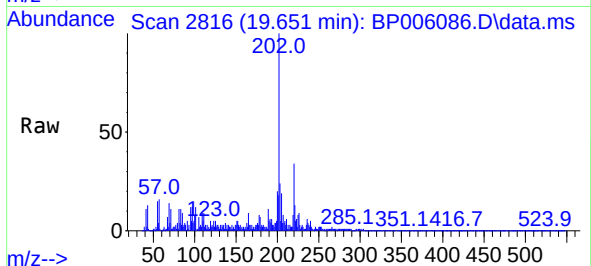
Tgt Ion:240 Resp: 554866
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 25.9 20.6 31.0





#78
Pyrene
Concen: 19.762 ng
RT: 19.651 min Scan# 2816
Delta R.T. 0.012 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

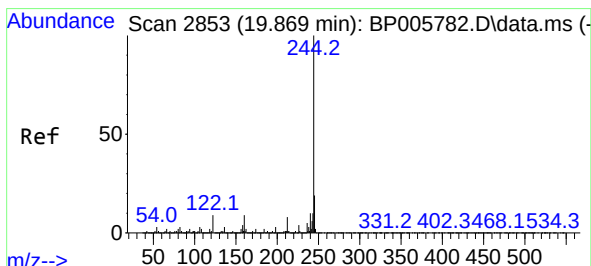
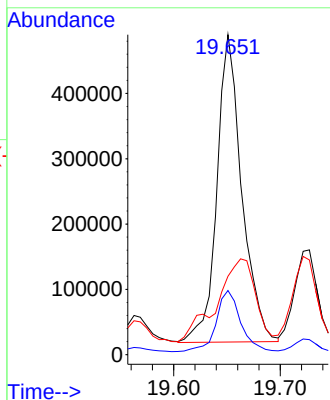
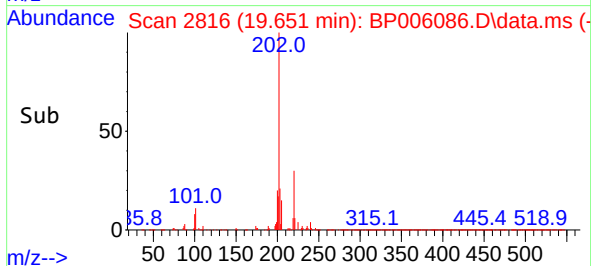
Instrument :
BNA_P
ClientSampleId :
PILE-2-062421



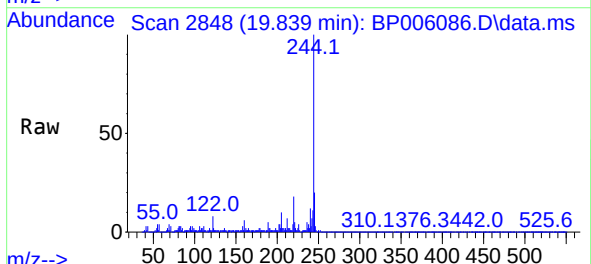
Tgt Ion:202 Resp: 765488
Ion Ratio Lower Upper
202 100
200 20.0 16.3 24.5
203 24.5 14.2 21.2#

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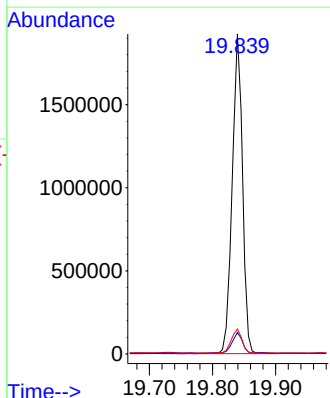
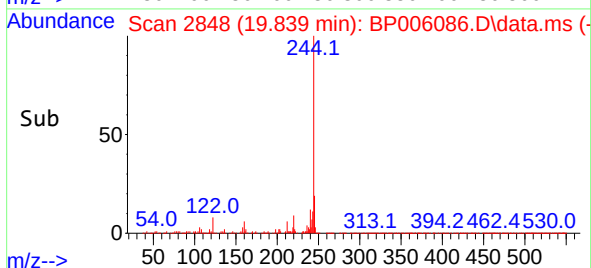
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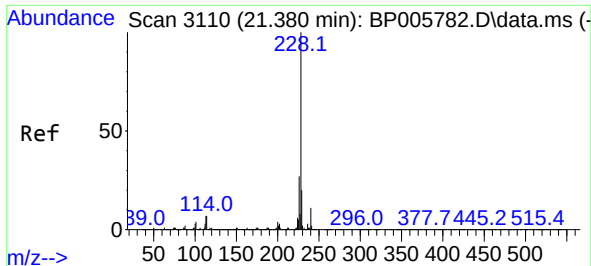


#79
Terphenyl-d14
Concen: 73.128 ng
RT: 19.839 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

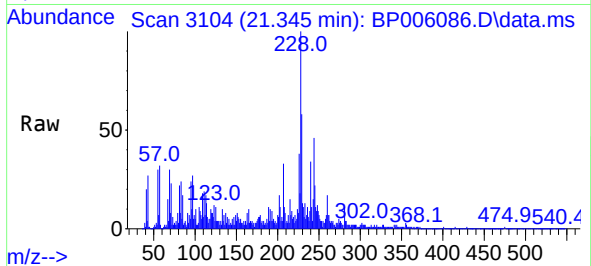


Tgt Ion:244 Resp: 2166968
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 7.8 7.1 10.7

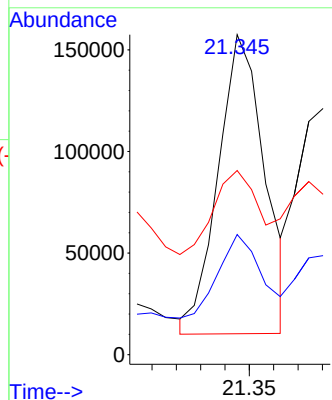




#81
Benzo(a)anthracene
Concen: 4.880 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07



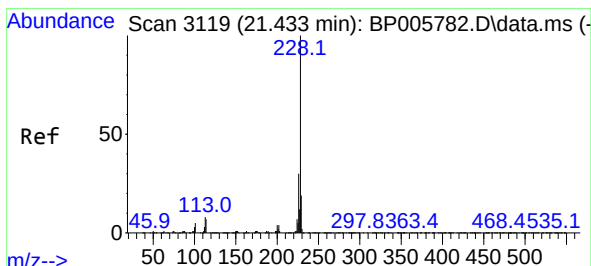
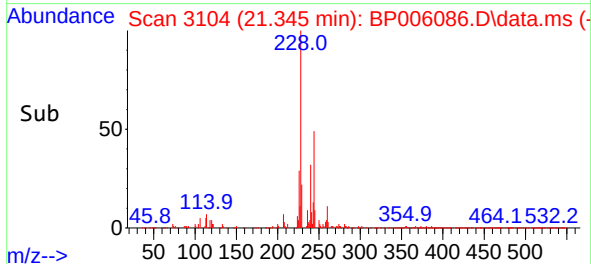
Tgt Ion:228 Resp: 195442
Ion Ratio Lower Upper
228 100
226 37.6 21.6 32.4#
229 57.6 15.8 23.6#



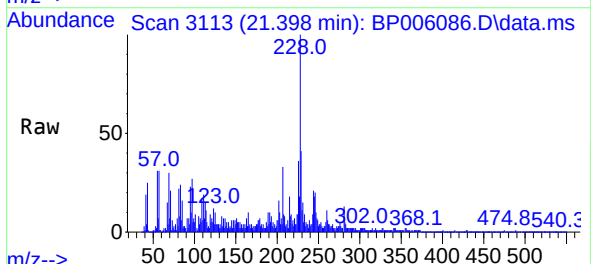
Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

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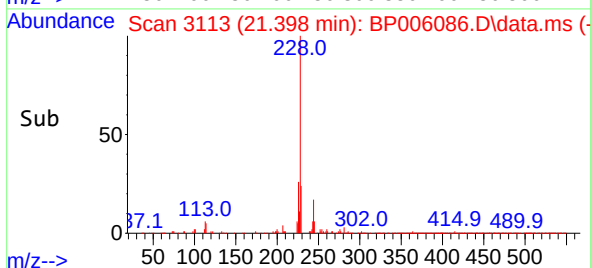
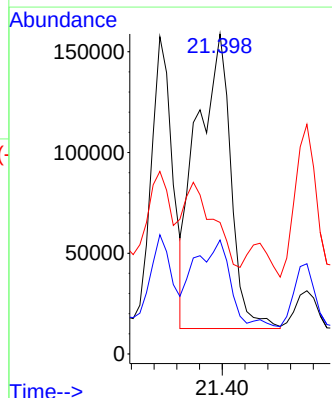
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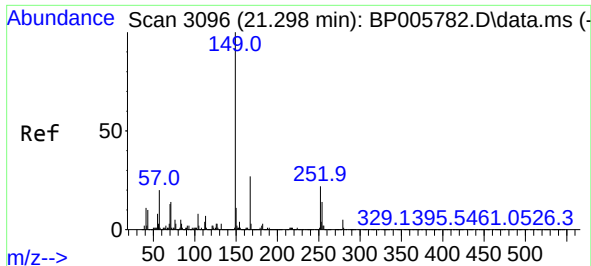


#83
Chrysene
Concen: 7.856 ng
RT: 21.398 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07



Tgt Ion:228 Resp: 304770
Ion Ratio Lower Upper
228 100
226 35.6 23.8 35.6
229 41.1 15.4 23.2#





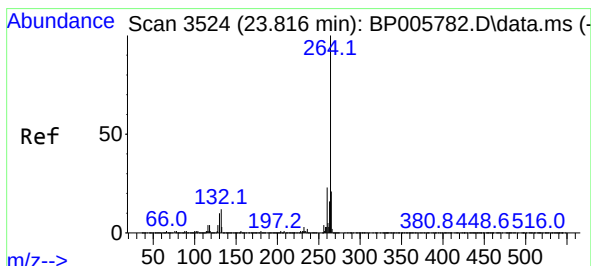
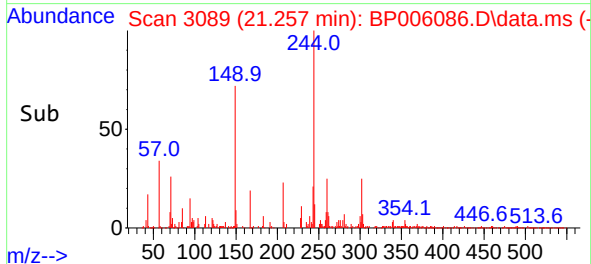
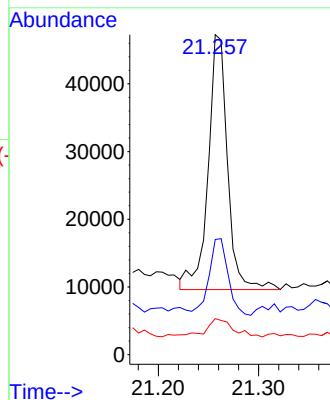
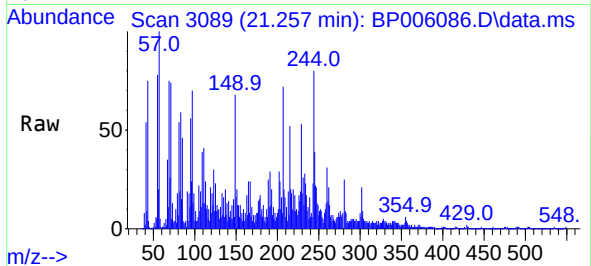
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.173 ng
RT: 21.257 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

Tgt Ion:149 Resp: 50795
Ion Ratio Lower Upper
149 100
167 36.0 21.9 32.9#
279 11.2 4.3 6.5#

Instrument :
BNA_P
ClientSampleId :
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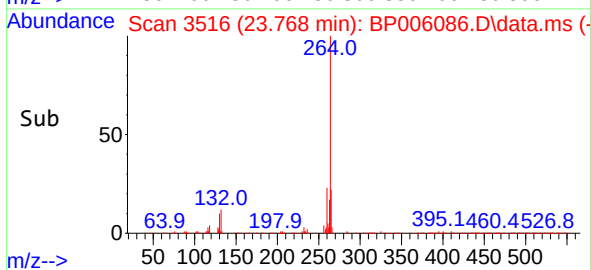
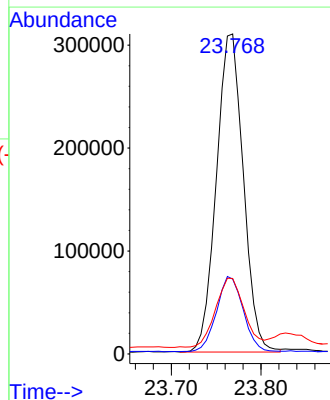
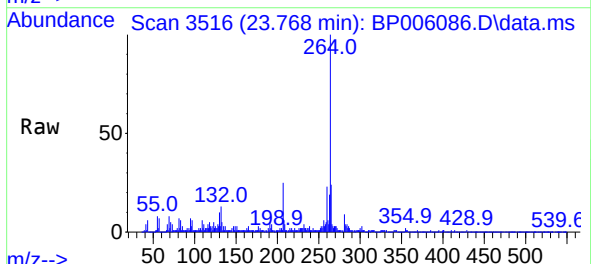
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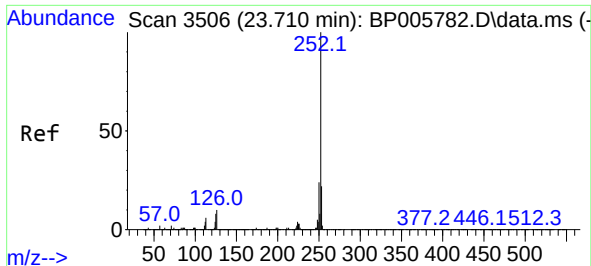
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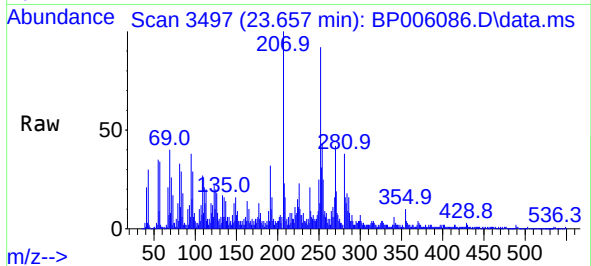
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07

Tgt Ion:264 Resp: 644035
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 23.6 17.6 26.4

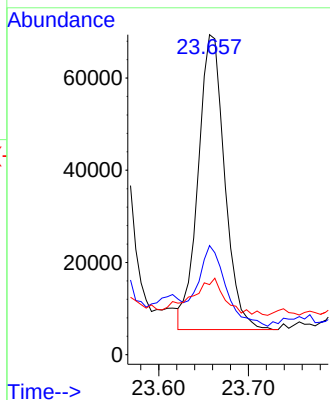
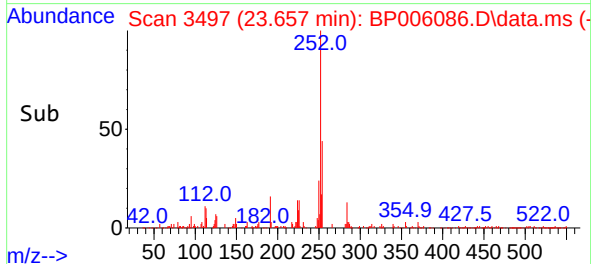




#90
Benzo(a)pyrene
Concen: 3.163 ng
RT: 23.657 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BP006086.D
Acq: 28 Jun 2021 20:07



Tgt Ion:252 Resp: 131165
Ion Ratio Lower Upper
252 100
253 34.1 17.9 26.9#
125 21.9 6.5 9.7#



Instrument :
BNA_P
ClientSampleId :
PILE-2-062421

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