

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005378.D
 Acq On : 22 Apr 2021 16:33
 Operator : CG/JU
 Sample : M2112-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 M-1

Manual Integrations
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Quant Time: Apr 22 17:47:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	30234	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	111018	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	74940	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	180403	20.00	ng	0.00
76) Chrysene-d12	21.168	240	225158	20.00	ng	0.00
86) Perylene-d12	23.427	264	232218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	194215	111.59	ng	0.00
7) Phenol-d6	6.834	99	258958	107.99	ng	0.00
23) Nitrobenzene-d5	8.804	82	217352	85.15	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	125248	87.37	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	372743	64.39	ng	0.00
79) Terphenyl-d14	19.645	244	682867	56.20	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.852	94	4834	2.02	ng	# 1
50) Dimethylphthalate	13.769	163	19298	3.55	ng	# 95
71) Phenanthrene	17.110	178	31481	3.27	ng	99
75) Fluoranthene	19.092	202	176886	13.40	ng	98
78) Pyrene	19.445	202	154234	12.22	ng	99
81) Benzo(a)anthracene	21.157	228	86457	5.97	ng	97
83) Chrysene	21.204	228	129087	8.94	ng	97
84) Bis(2-ethylhexyl)phtha...	21.080	149	2444	3.43	ng	# 93
87) Indeno(1,2,3-cd)pyrene	25.733	276	112601	6.35	ng	97
88) Benzo(b)fluoranthene	22.751	252	210575m	13.77	ng	
89) Benzo(k)fluoranthene	22.786	252	72051m	4.80	ng	
90) Benzo(a)pyrene	23.327	252	125981	9.04	ng	98
92) Benzo(g,h,i)perylene	26.445	276	115193	8.00	ng	97

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

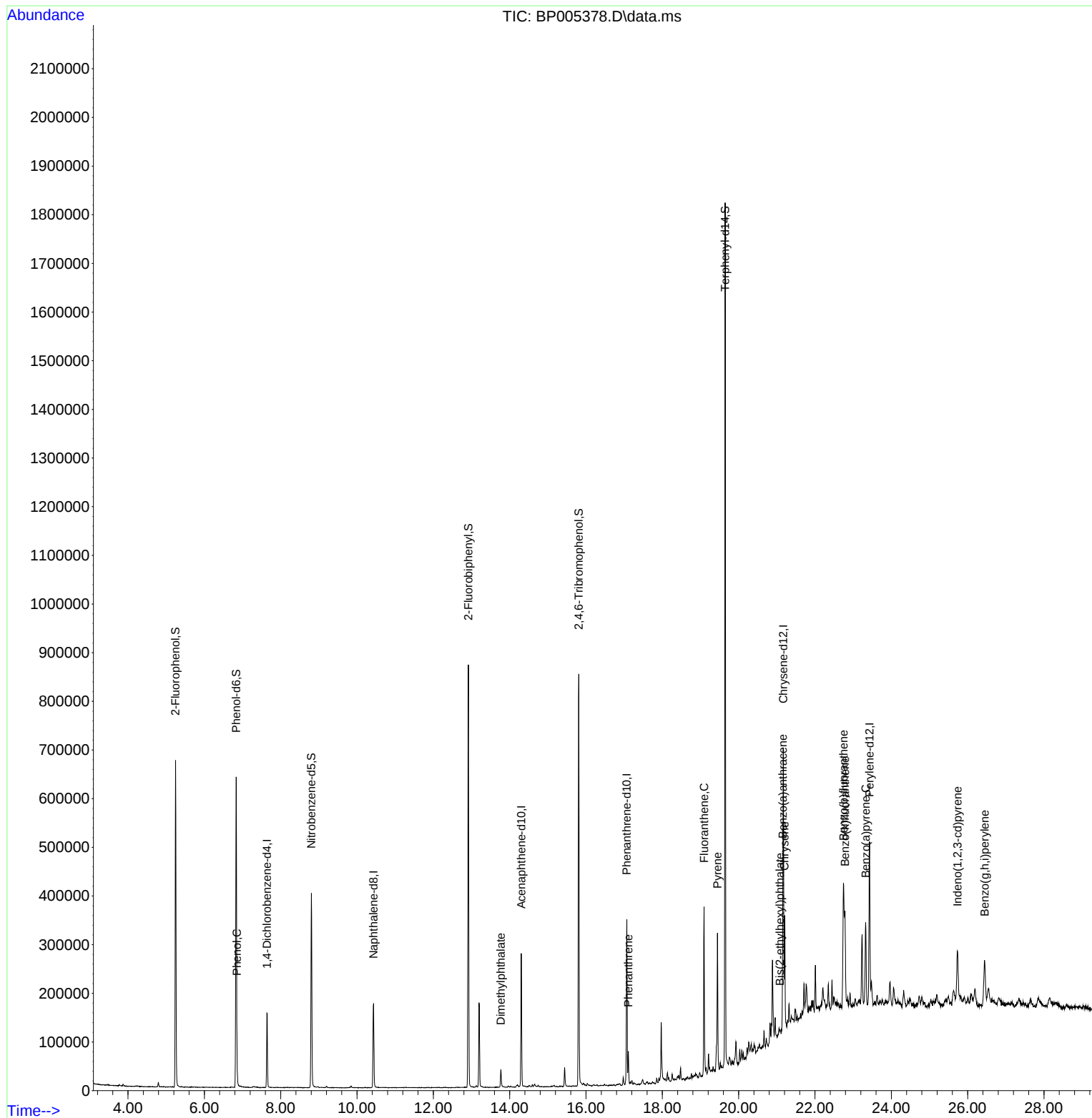
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Data File : BP005378.D
Acq On : 22 Apr 2021 16:33
Operator : CG/JU
Sample : M2112-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

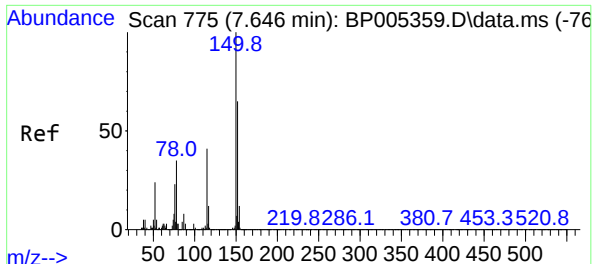
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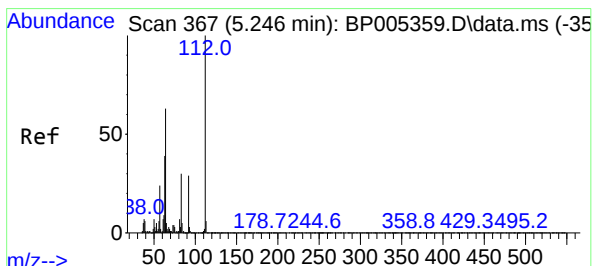
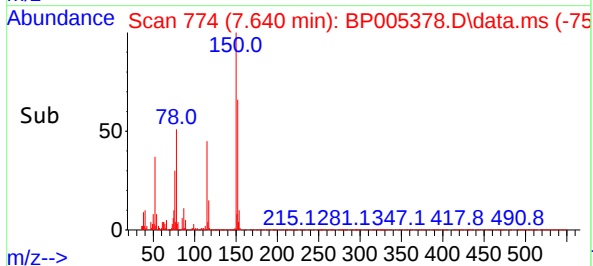
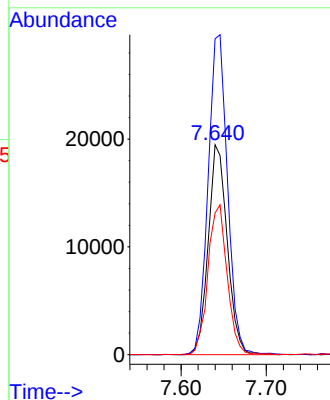
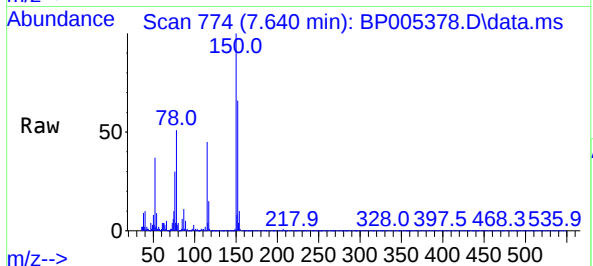
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. -0.006 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:152 Resp: 30234
Ion Ratio Lower Upper
152 100
150 150.4 119.8 179.8
115 67.5 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
M-1

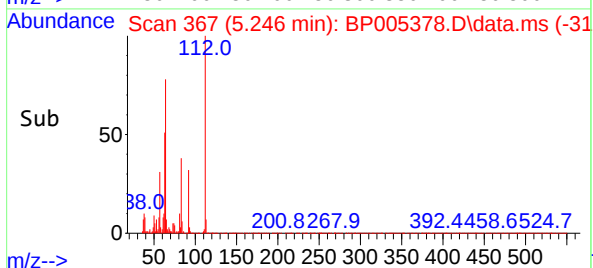
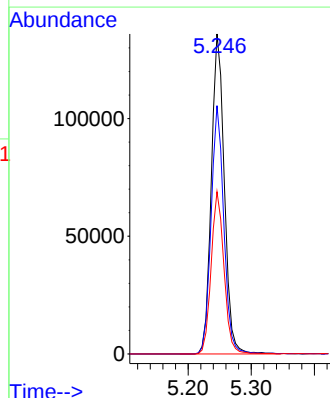
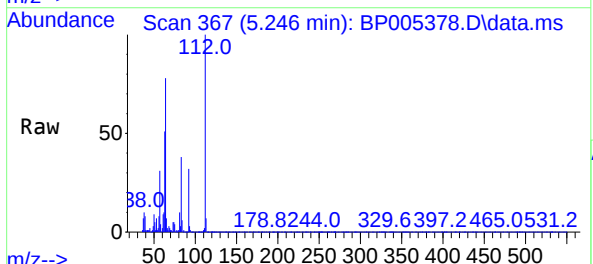
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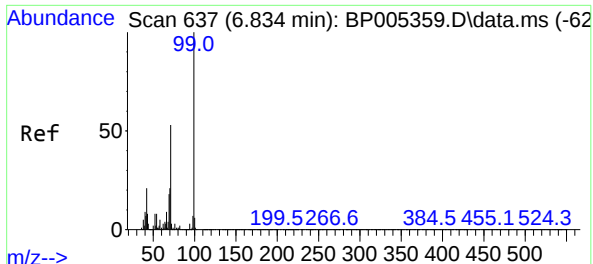
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#5
2-Fluorophenol
Concen: 111.59 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:112 Resp: 194215
Ion Ratio Lower Upper
112 100
64 77.6 33.6 50.4#
63 50.7 18.6 27.8#





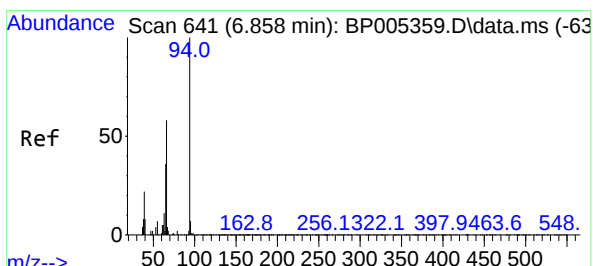
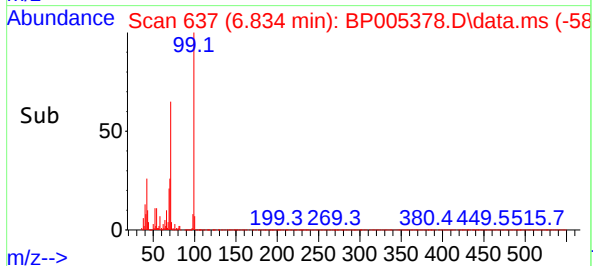
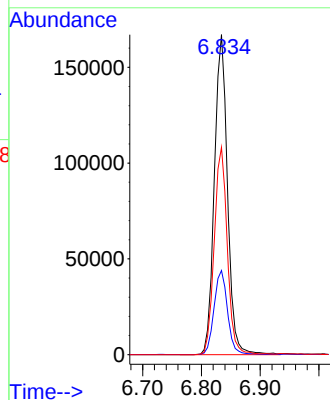
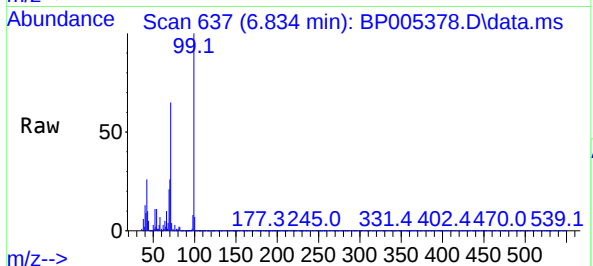
#7
Phenol-d6
Concen: 107.99 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion: 99 Resp: 258958
Ion Ratio Lower Upper
99 100
42 26.3 12.9 19.3#
71 64.8 26.7 40.1#

Instrument :
BNA_P
ClientSampleId :
M-1

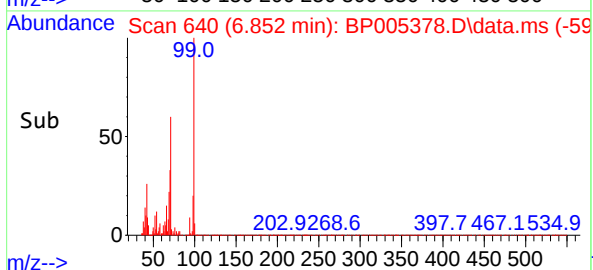
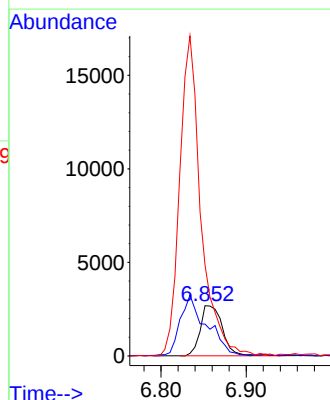
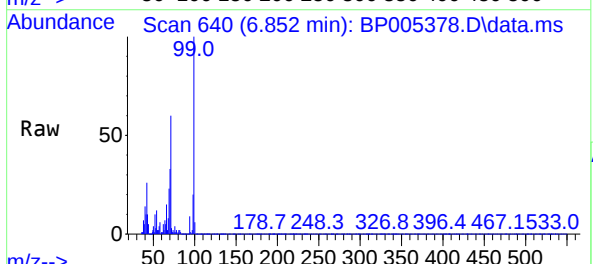
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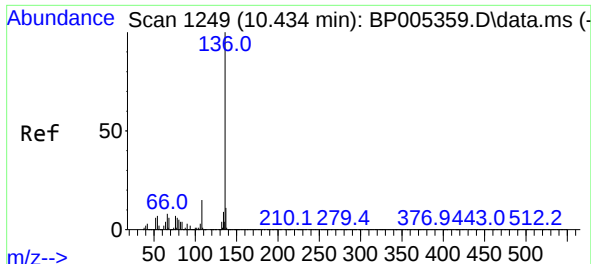
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#10
Phenol
Concen: 2.02 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion: 94 Resp: 4834
Ion Ratio Lower Upper
94 100
65 63.6 8.0 48.0#
66 181.3 17.3 57.3#





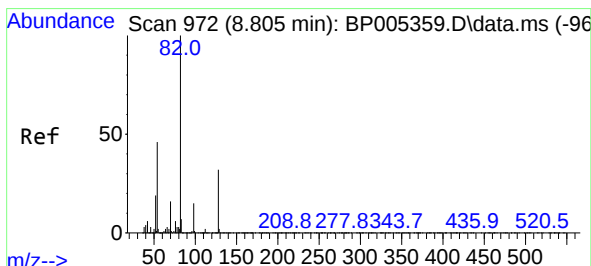
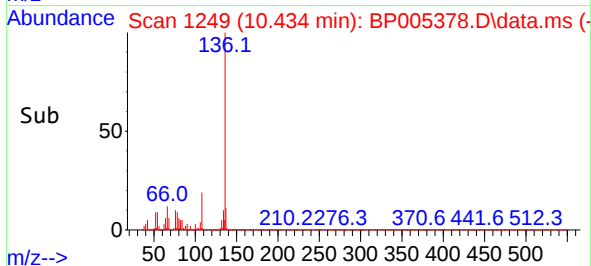
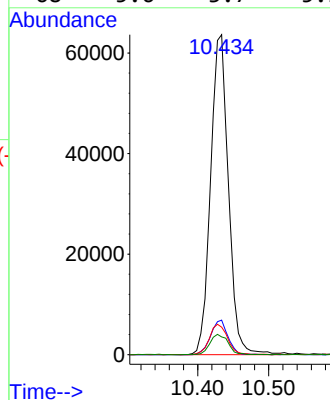
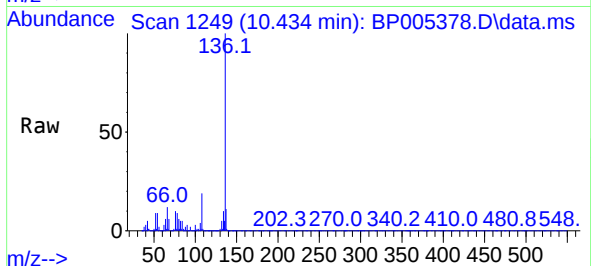
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:	136	Resp:	111018
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.6	5.0	7.4#
68	5.6	3.7	5.5#

Instrument :
BNA_P
ClientSampleId :
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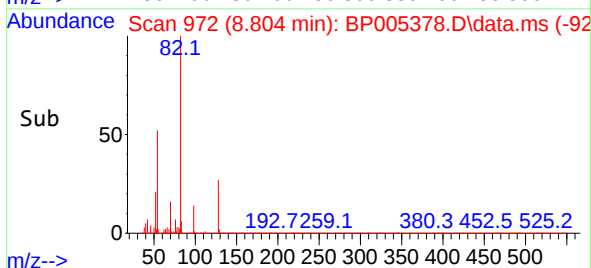
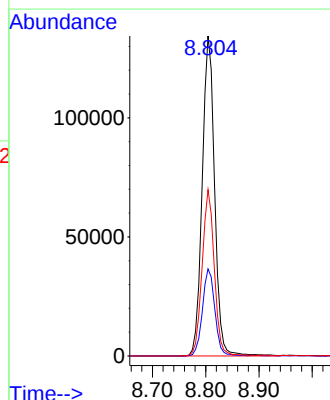
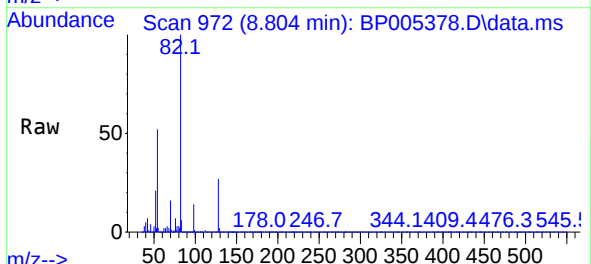
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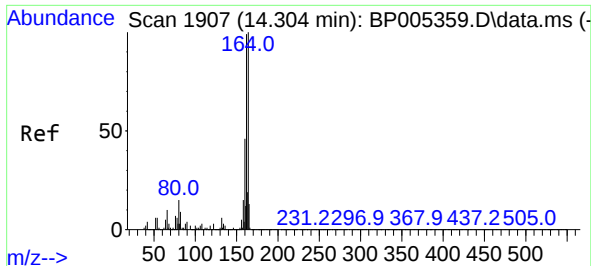
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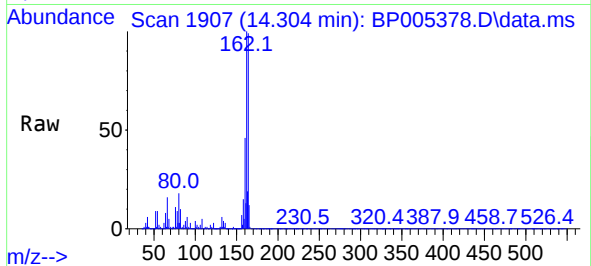
#23
Nitrobenzene-d5
Concen: 85.15 ng
RT: 8.804 min Scan# 972
Delta R.T. -0.001 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:	82	Resp:	217352
Ion Ratio	Lower	Upper	
82	100		
128	27.2	30.5	45.7#
54	52.0	33.9	50.9#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

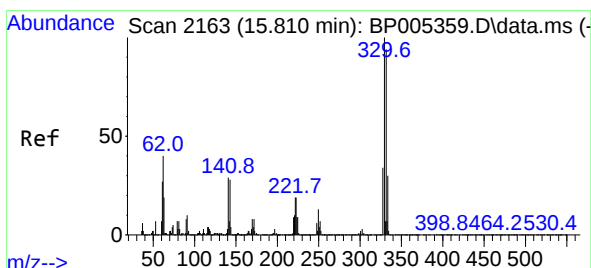
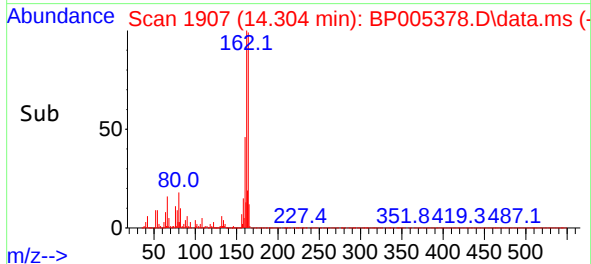
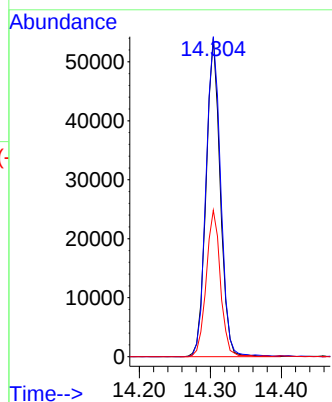


Tgt Ion:164 Resp: 74940
Ion Ratio Lower Upper
164 100
162 100.6 73.5 110.3
160 46.0 40.6 61.0

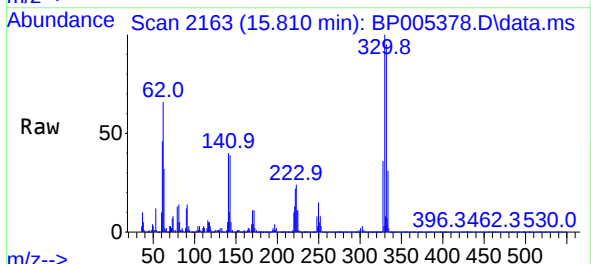
Instrument :
BNA_P
ClientSampled :
M-1

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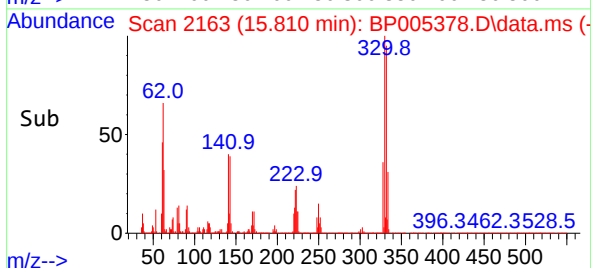
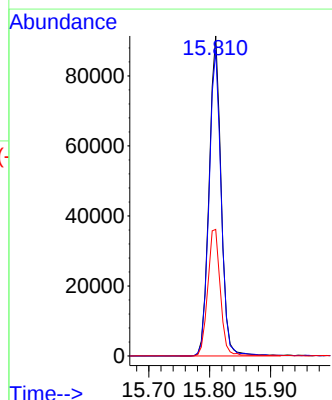
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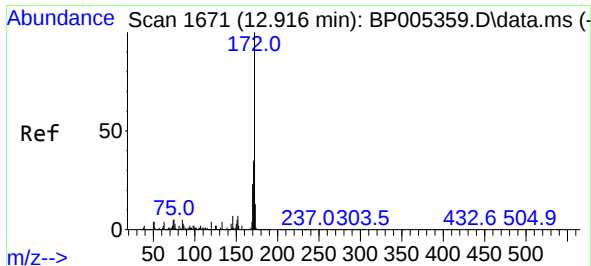


#42
2,4,6-Tribromophenol
Concen: 87.37 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33



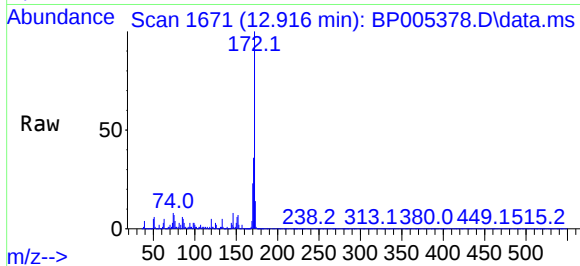
Tgt Ion:330 Resp: 125248
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 41.4 22.8 34.2#





#45
2-Fluorobiphenyl
Concen: 64.39 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

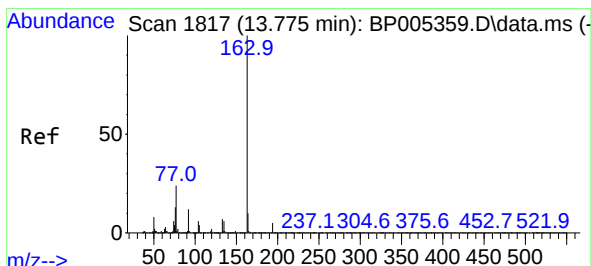
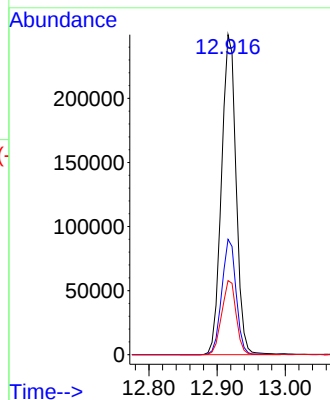
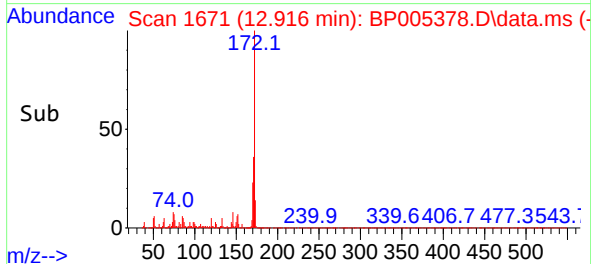
Instrument :
BNA_P
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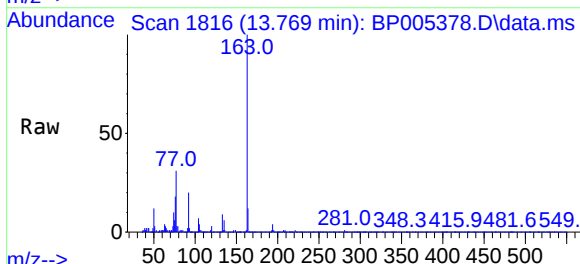
Tgt Ion:172 Resp: 372743
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 23.1 19.6 29.4

Manual Integrations
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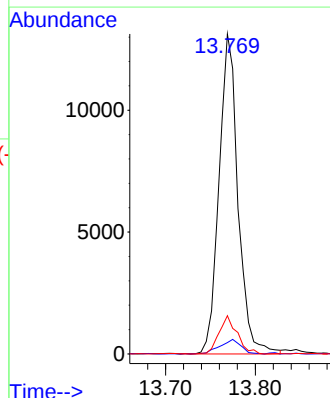
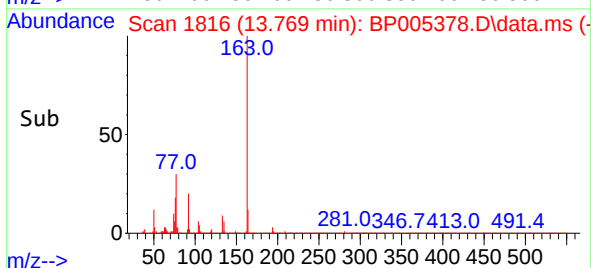
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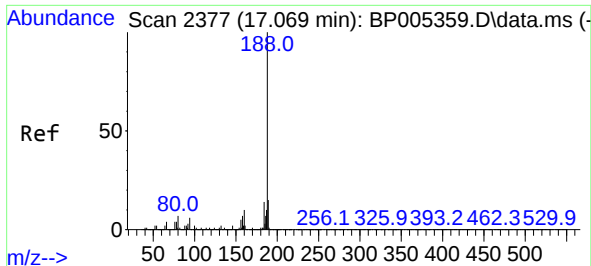


#50
Dimethylphthalate
Concen: 3.55 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33



Tgt Ion:163 Resp: 19298
Ion Ratio Lower Upper
163 100
194 3.5 3.9 5.9#
164 11.9 8.1 12.1





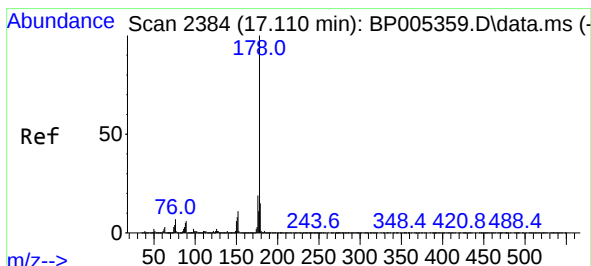
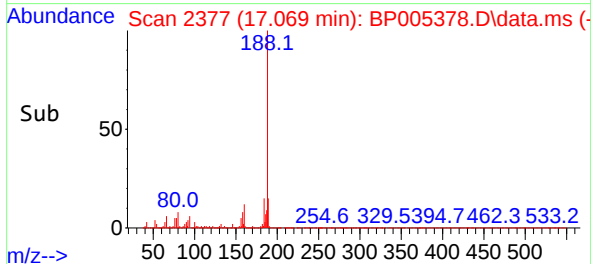
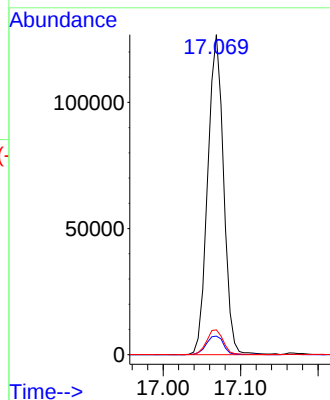
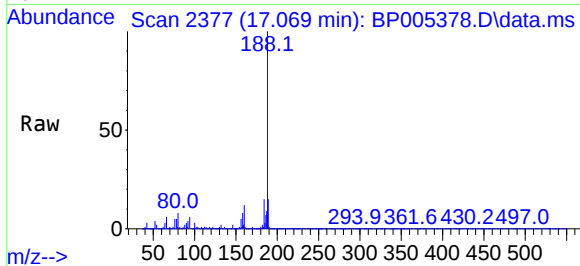
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:	188	Resp:	180403
Ion Ratio	Lower	Upper	
188	100		
94	5.8	5.0	7.6
80	7.8	5.9	8.9

Instrument :
BNA_P
ClientSampled :
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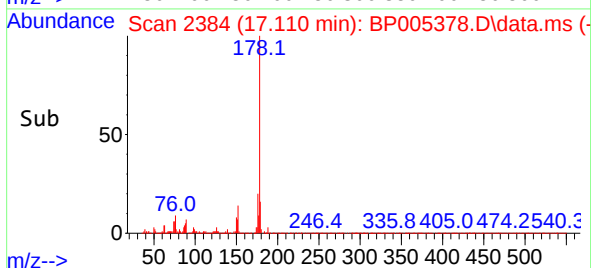
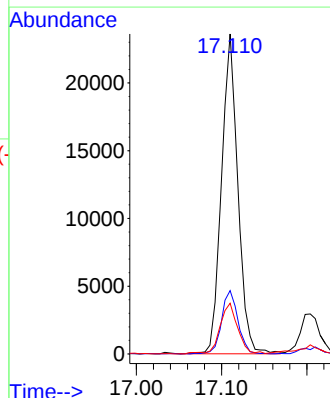
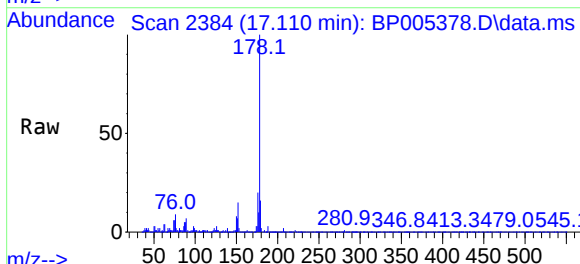
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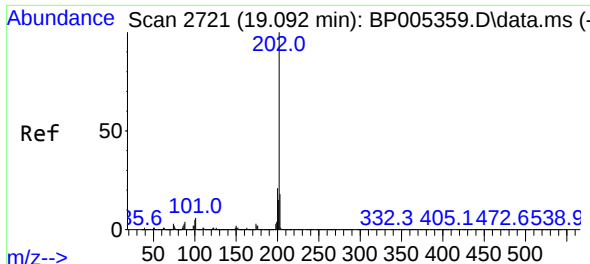
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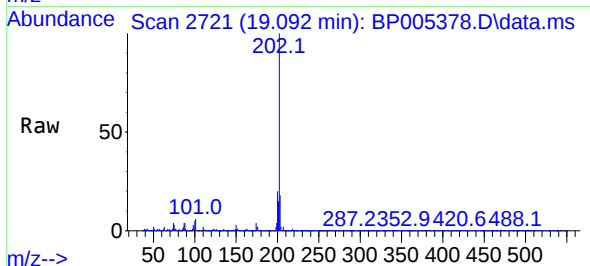
#71
Phenanthrene
Concen: 3.27 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:	178	Resp:	31481
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.4	23.2
179	15.8	12.3	18.5

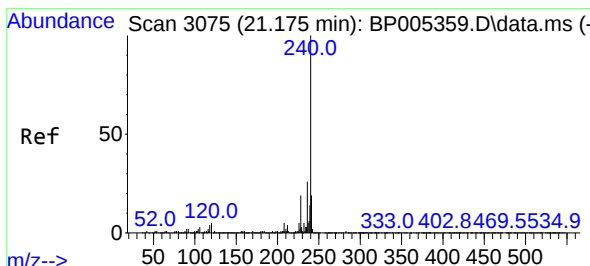
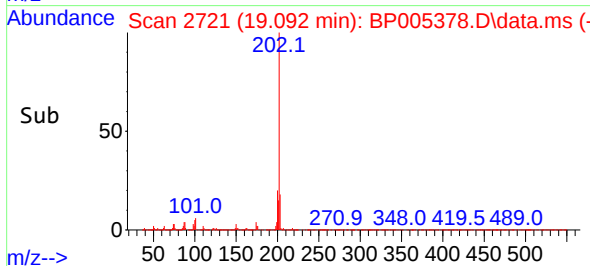
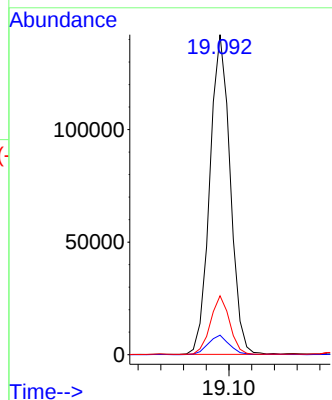




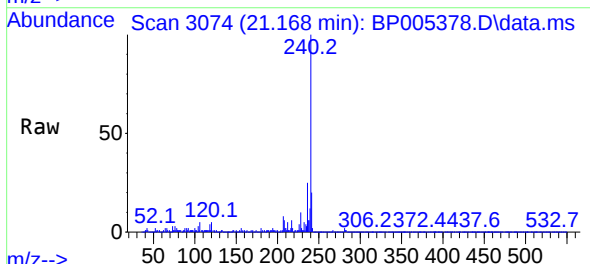
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Fluoranthene
Concen: 13.40 ng
RT: 19.092 min Scan# 2721
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33



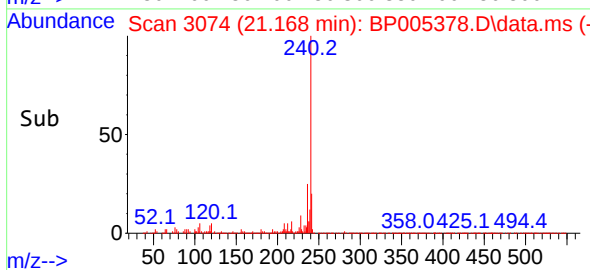
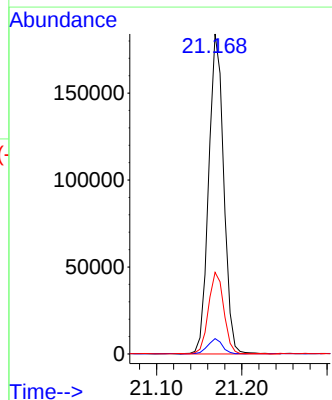
Tgt Ion:	202	Resp:	176886
Ion Ratio	Lower	Upper	
202	100		
101	6.1	0.0	26.1
203	18.4	0.0	37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.007 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33



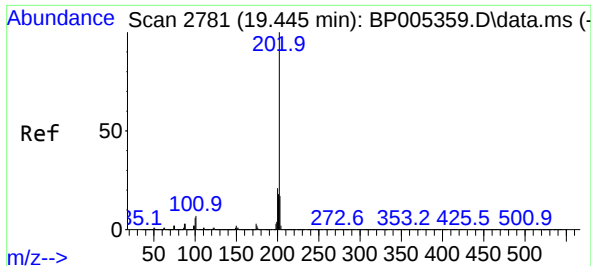
Tgt Ion:	240	Resp:	225158
Ion Ratio	Lower	Upper	
240	100		
120	4.8	4.2	6.2
236	25.5	20.2	30.2



Instrument :
BNA_P
ClientSampled :
M-1

Manual Integrations
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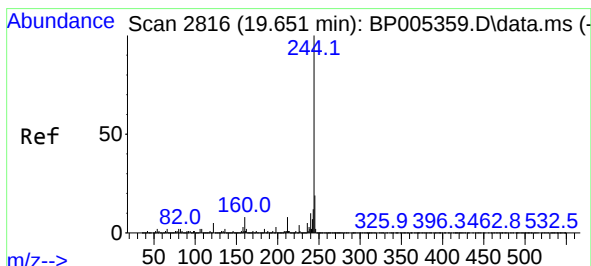
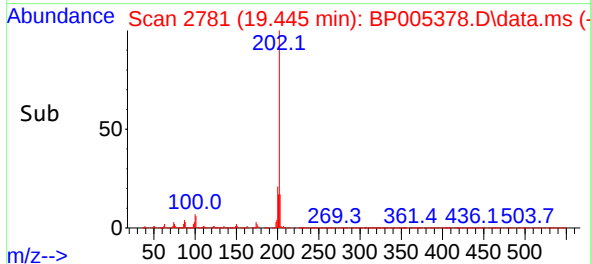
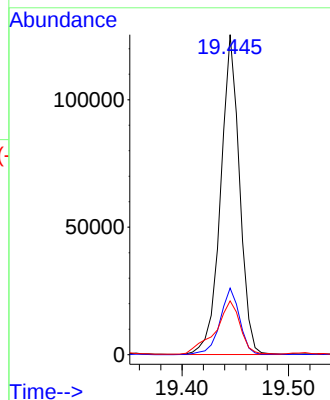
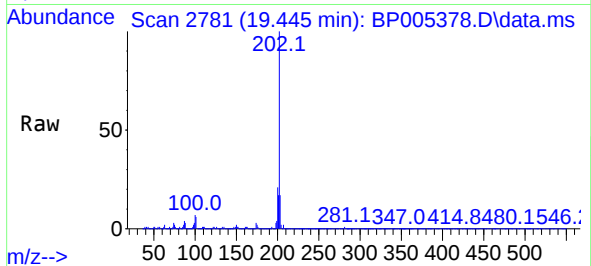
#78
Pyrene
Concen: 12.22 ng
RT: 19.445 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:	202	Resp:	154234
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	16.8	13.8	20.6

Instrument :
BNA_P
ClientSampled :
M-1

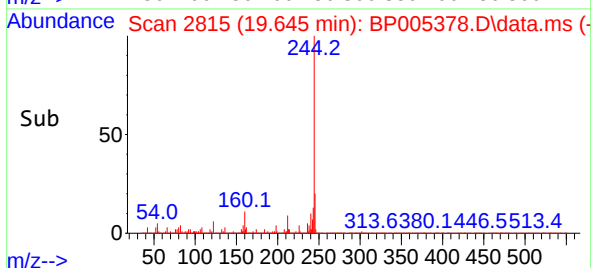
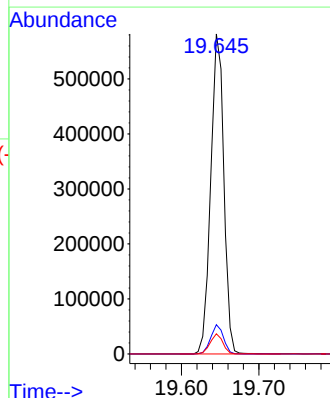
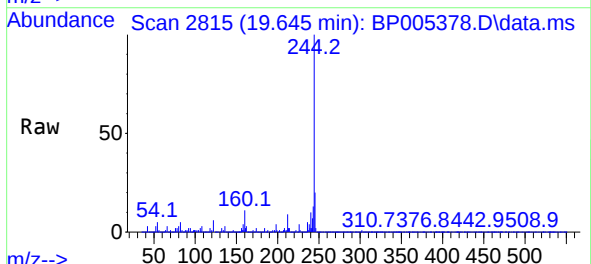
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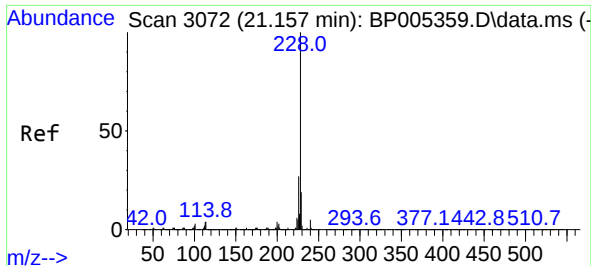
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#79
Terphenyl-d14
Concen: 56.20 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:	244	Resp:	682867
Ion Ratio	Lower	Upper	
244	100		
212	9.1	5.8	8.6#
122	6.3	5.2	7.8





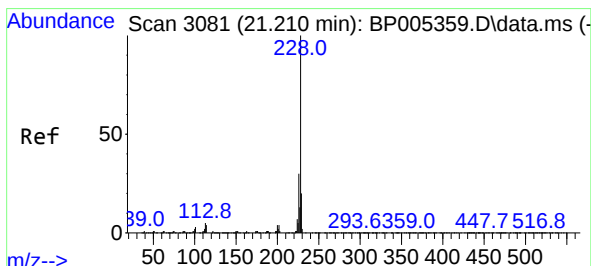
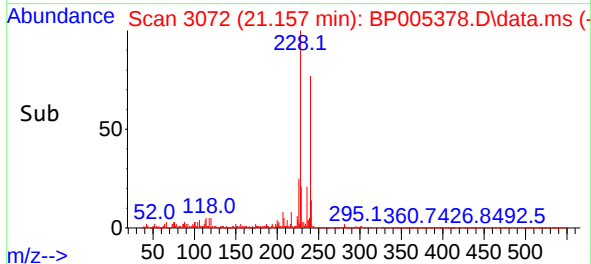
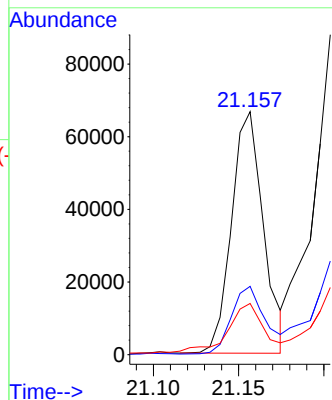
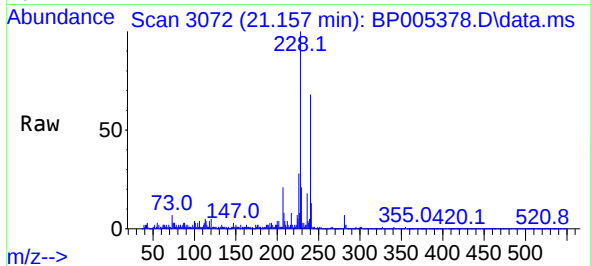
#81
Benzo(a)anthracene
Concen: 5.97 ng
RT: 21.157 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:	228	Resp:	86457
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.2	31.8
229	21.1	15.6	23.4

Instrument :
BNA_P
ClientSampled :
M-1

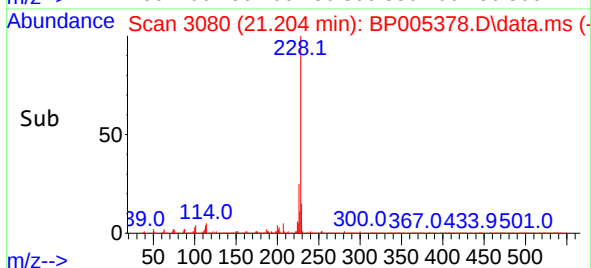
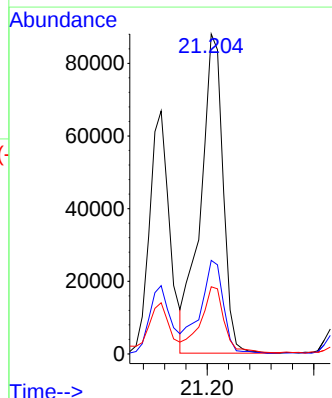
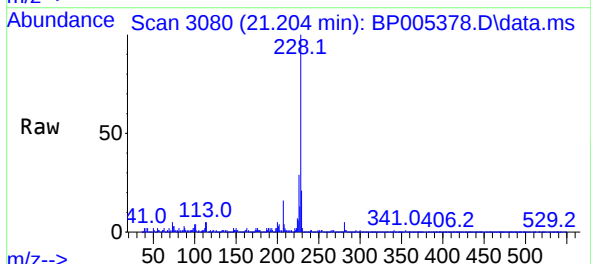
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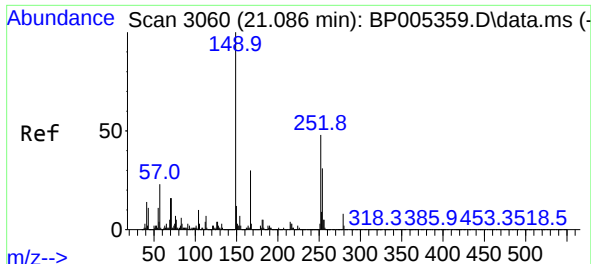
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#83
Chrysene
Concen: 8.94 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:	228	Resp:	129087
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.8	37.2
229	21.0	15.4	23.0





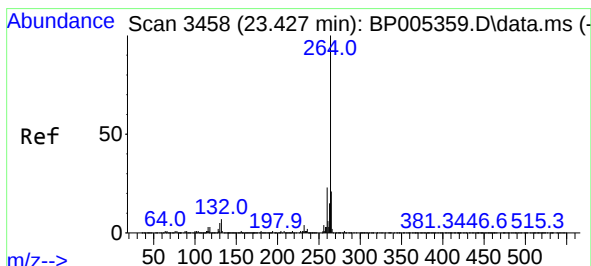
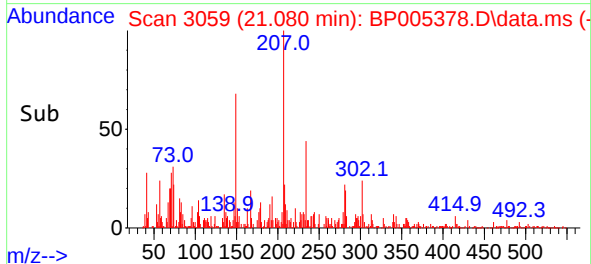
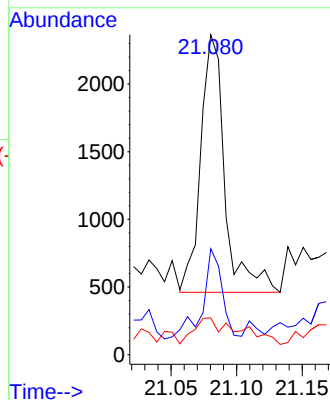
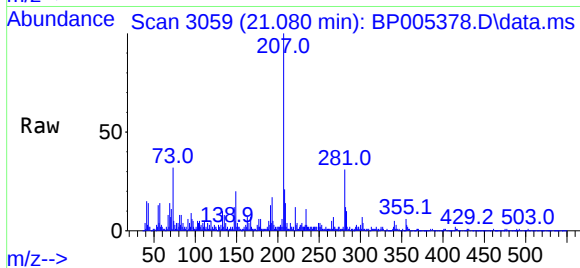
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.43 ng
RT: 21.080 min Scan# 3059
Delta R.T. -0.006 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:149 Resp: 2444
Ion Ratio Lower Upper
149 100
167 33.1 23.8 35.8
279 11.5 5.7 8.5#

Instrument :
BNA_P
ClientSampled :
M-1

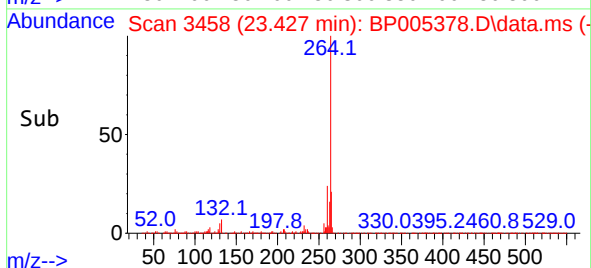
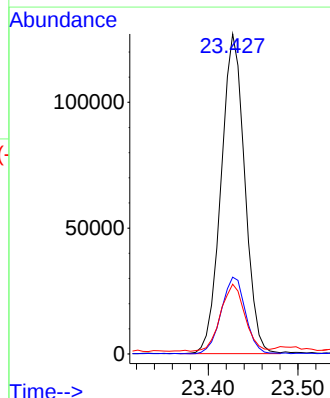
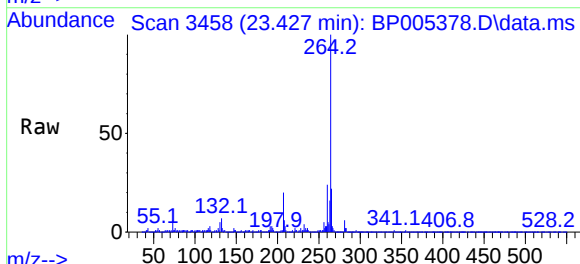
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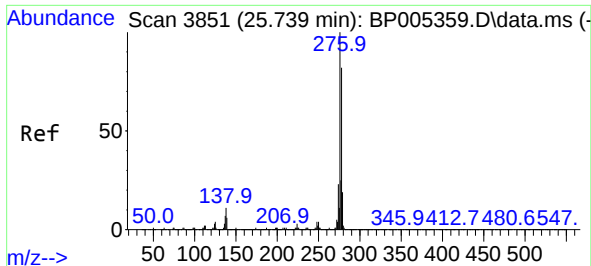
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion:264 Resp: 232218
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 21.8 19.0 28.6





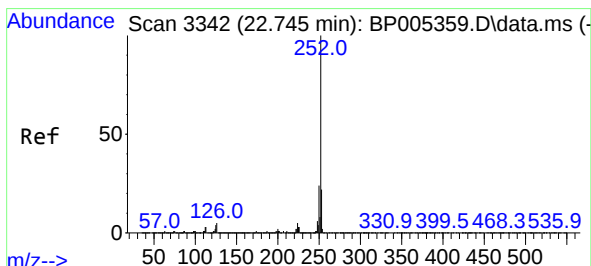
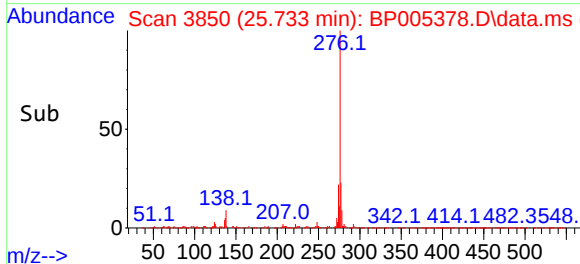
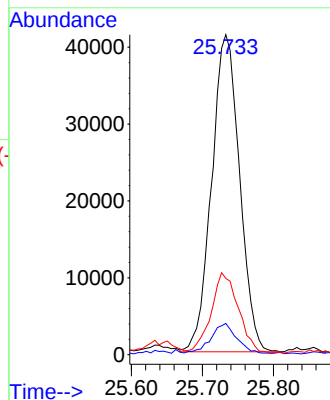
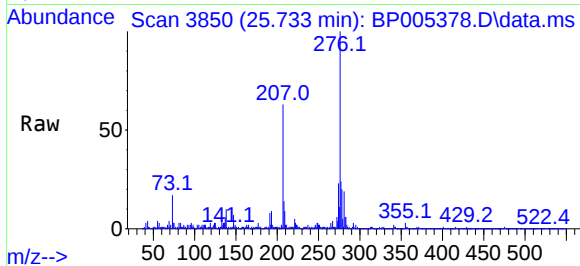
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.35 ng
RT: 25.733 min Scan# 3850
Delta R.T. -0.006 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion: 276 Resp: 112601
Ion Ratio Lower Upper
276 100
138 8.8 8.4 12.6
277 24.6 20.6 31.0

Instrument :
BNA_P
ClientSampled :
M-1

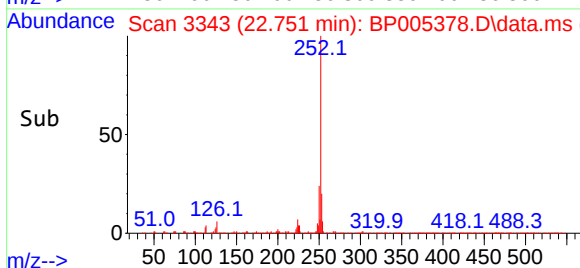
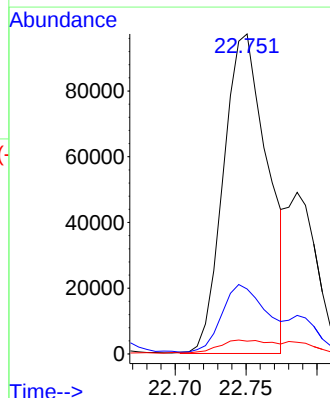
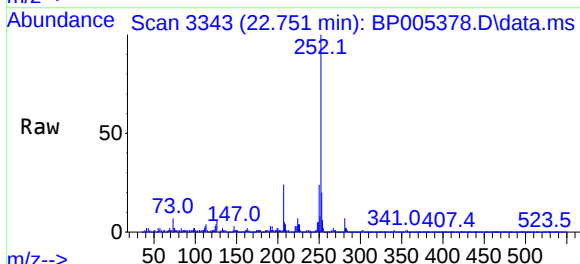
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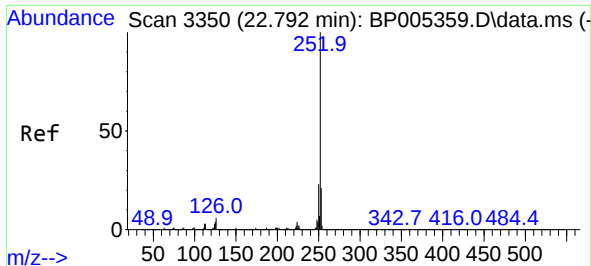
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#88
Benzo(b)fluoranthene
Concen: 13.77 ng m
RT: 22.751 min Scan# 3343
Delta R.T. 0.006 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Tgt Ion: 252 Resp: 210575
Ion Ratio Lower Upper
252 100
253 20.3 18.2 27.2
125 4.0 3.4 5.0





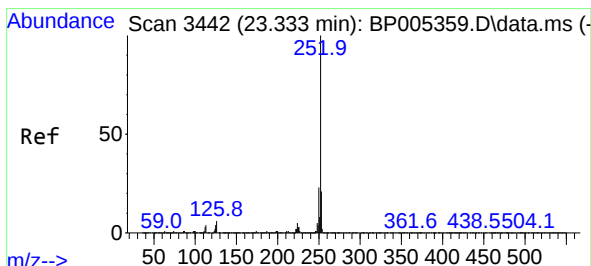
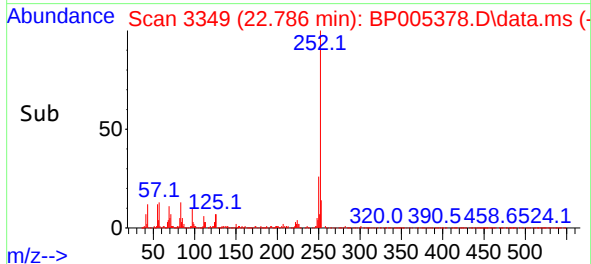
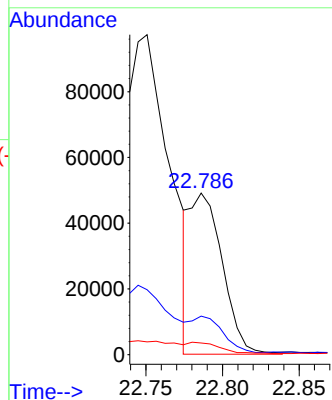
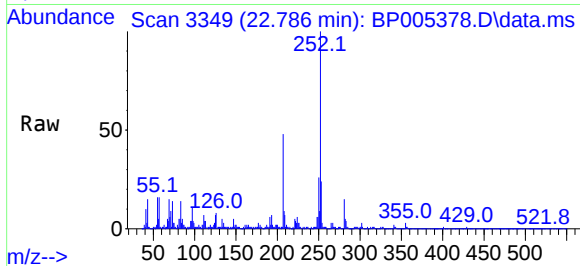
#89
Benzo(k)fluoranthene
Concen: 4.80 ng m
RT: 22.786 min Scan# 3349
Delta R.T. -0.006 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Instrument :
BNA_P
ClientSampleId :
M-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	7.2	3.8	5.6

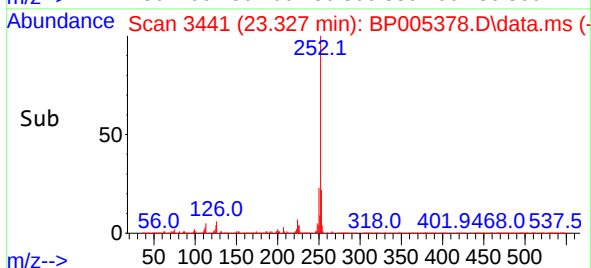
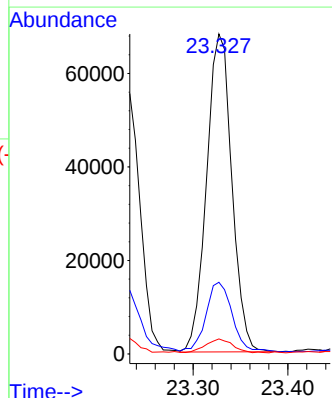
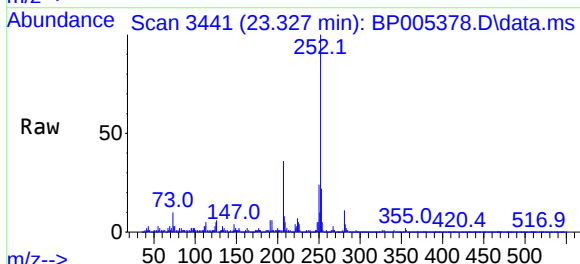
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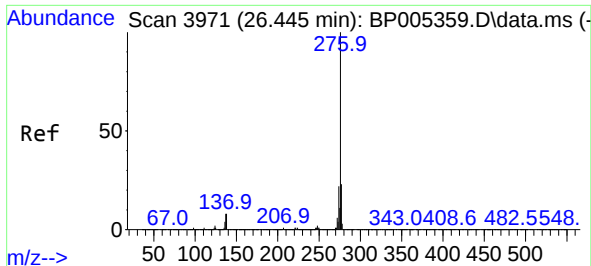
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#90
Benzo(a)pyrene
Concen: 9.04 ng
RT: 23.327 min Scan# 3441
Delta R.T. -0.006 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

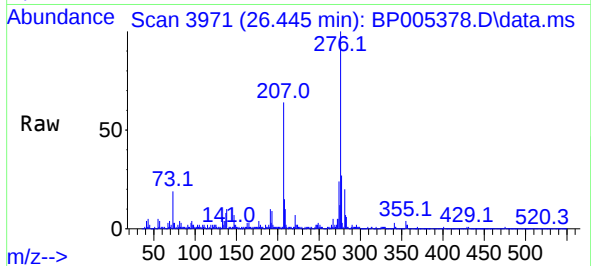
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	4.7	3.8	5.6





#92
Benzo(g,h,i)perylene
Concen: 8.00 ng
RT: 26.445 min Scan# 3971
Delta R.T. -0.000 min
Lab File: BP005378.D
Acq: 22 Apr 2021 16:33

Instrument :
BNA_P
ClientSampled :
M-1



Tgt Ion:276 Resp: 115193
Ion Ratio Lower Upper
276 100
277 27.1 19.8 29.8
138 9.7 7.7 11.5

Manual Integrations
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