

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
 Data File : BP005498.D
 Acq On : 11 May 2021 20:14
 Operator : CG/JU
 Sample : M2335-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-02-050721

Manual Integrations
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Quant Time: May 12 05:28:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	14413	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	41871	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	33305	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	89363	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	134416	20.00	ng	# 0.00
86) Perylene-d12	23.498	264	159254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	32695	43.53	ng	0.00
7) Phenol-d6	6.887	99	33752	36.04	ng	0.00
23) Nitrobenzene-d5	8.863	82	27909	26.23	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	31053	32.86	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	64431	21.82	ng	0.00
79) Terphenyl-d14	19.663	244	159762	20.18	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.063	152	7573	2.46	ng	# 92
50) Dimethylphthalate	13.816	163	6743	2.35	ng	# 94
71) Phenanthrene	17.134	178	68931	13.57	ng	98
72) Anthracene	17.228	178	17375	3.45	ng	96
75) Fluoranthene	19.110	202	142899	20.46	ng	95
78) Pyrene	19.463	202	135433	17.80	ng	98
81) Benzo(a)anthracene	21.174	228	79019	9.07	ng	96
83) Chrysene	21.222	228	85015m	10.07	ng	
87) Indeno(1,2,3-cd)pyrene	25.892	276	67713	5.05	ng	# 95
88) Benzo(b)fluoranthene	22.792	252	123620	11.65	ng	93
89) Benzo(k)fluoranthene	22.839	252	35472m	3.42	ng	
90) Benzo(a)pyrene	23.392	252	88067	9.05	ng	93
92) Benzo(g,h,i)perylene	26.633	276	68485	6.26	ng	# 94

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

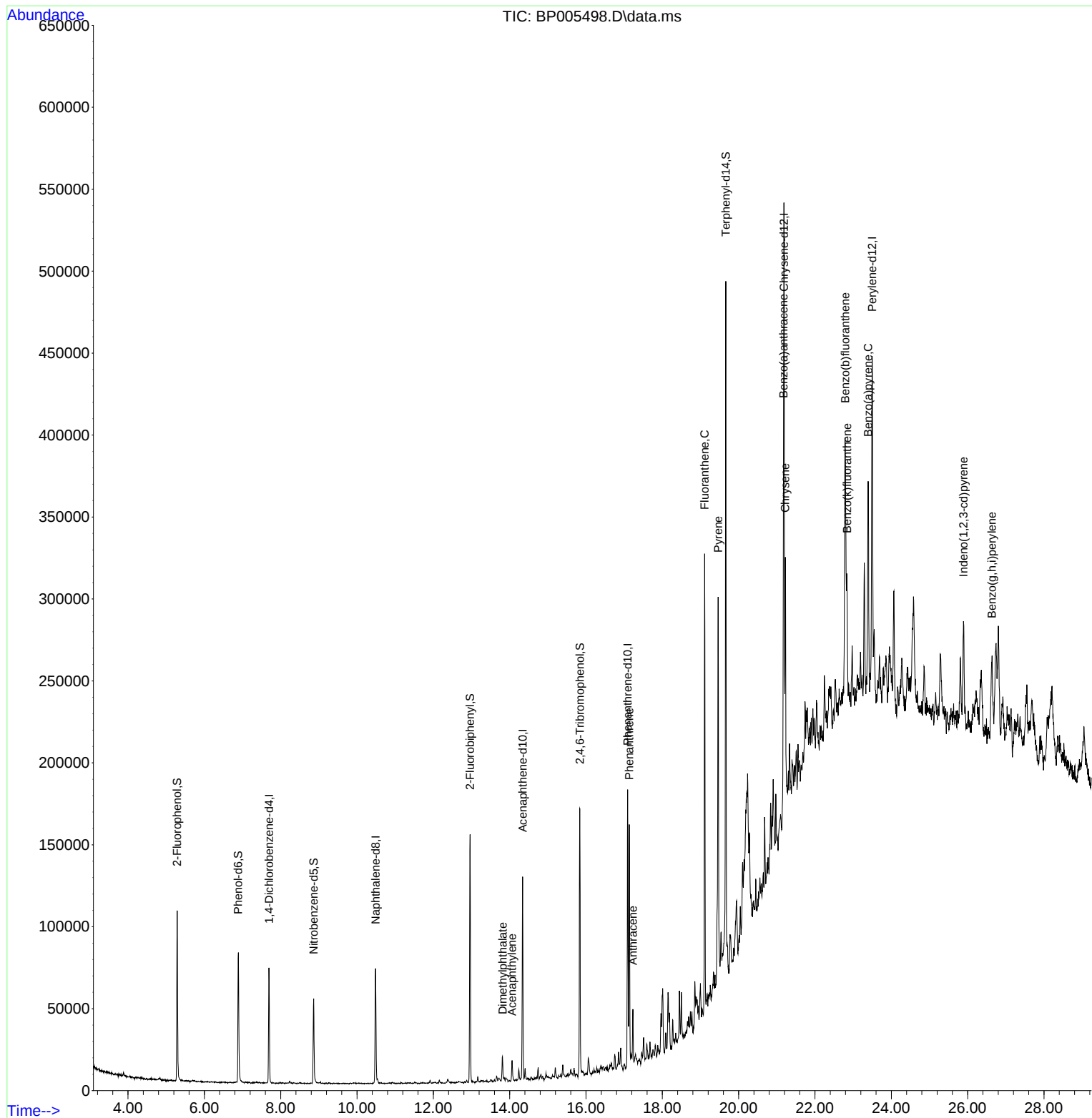
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ALS Vial : 18 Sample Multiplier: 1

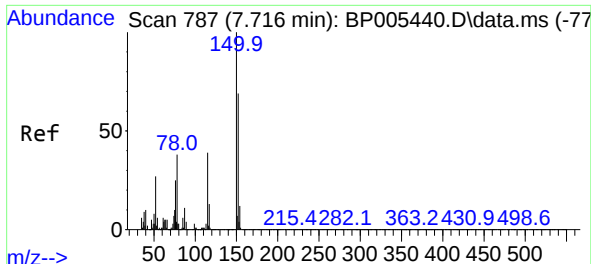
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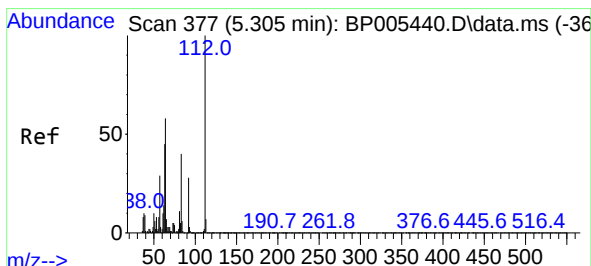
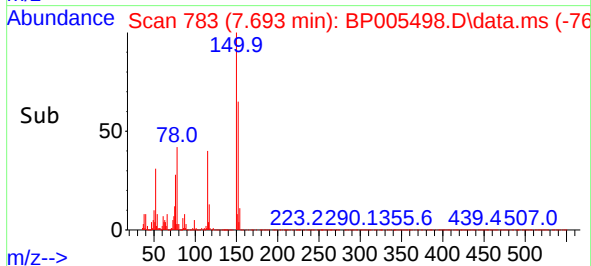
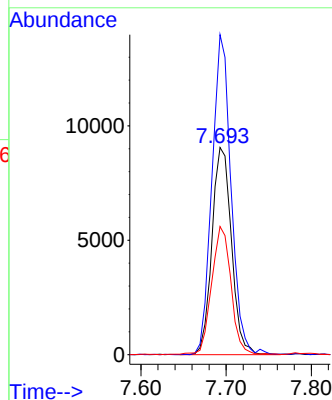
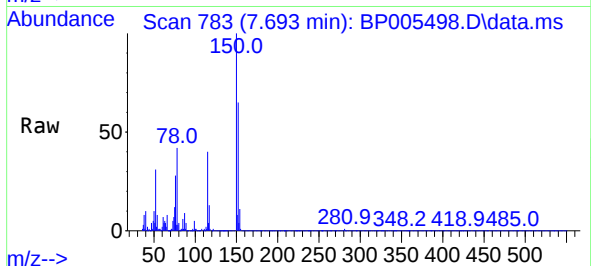
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

Tgt Ion:152 Resp: 14413
Ion Ratio Lower Upper
152 100
150 154.4 119.8 179.8
115 61.8 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
OK-02-050721

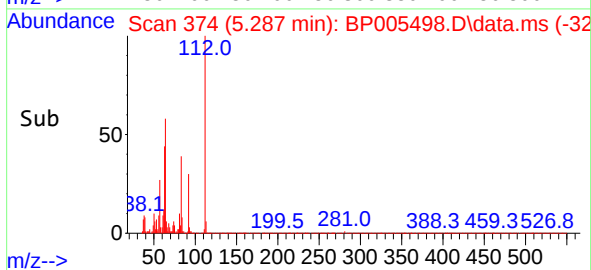
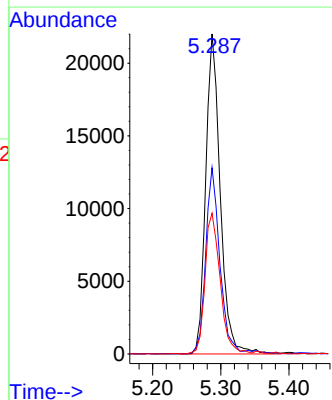
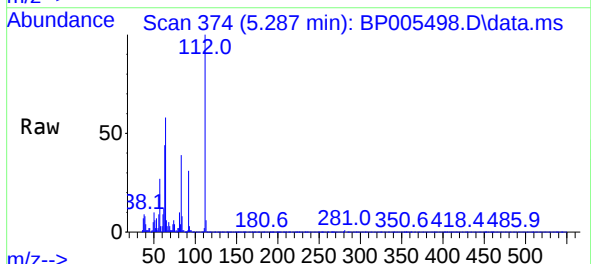
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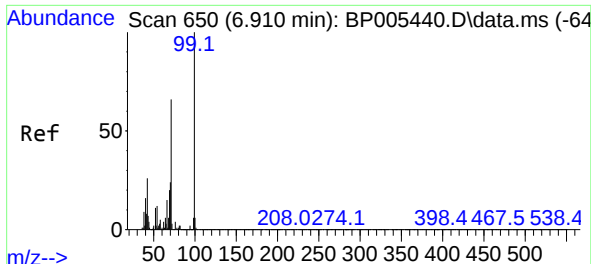
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#5
2-Fluorophenol
Concen: 43.53 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

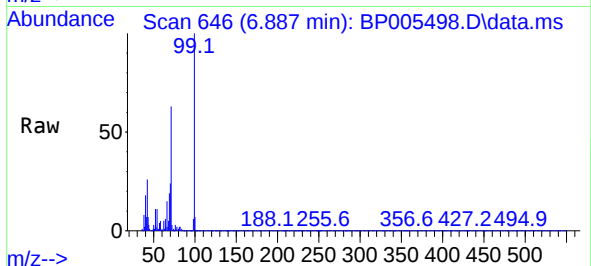
Tgt Ion:112 Resp: 32695
Ion Ratio Lower Upper
112 100
64 58.2 33.6 50.4#
63 44.0 18.6 27.8#





#7
Phenol-d6
Concen: 36.04 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

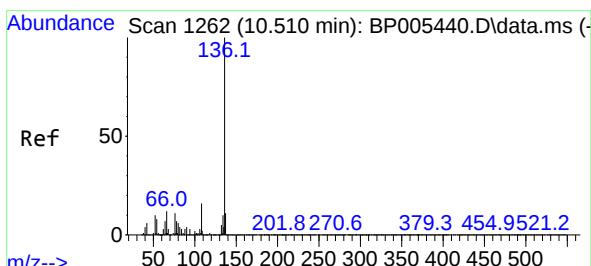
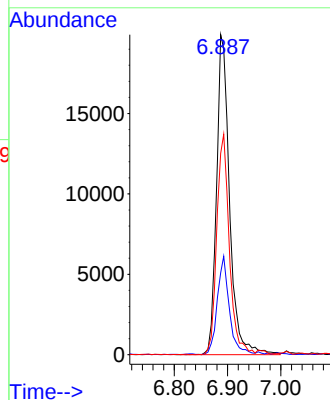
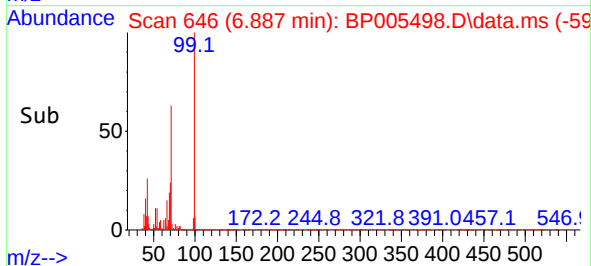
Instrument :
BNA_P
ClientSampleId :
OK-02-050721



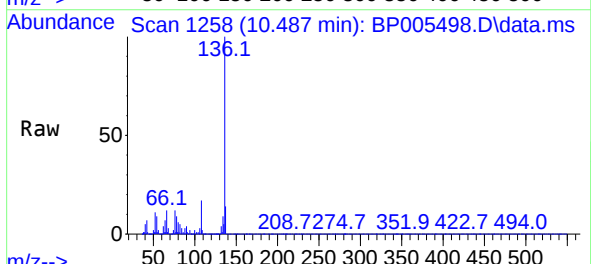
Tgt Ion: 99 Resp: 33752
Ion Ratio Lower Upper
99 100
42 25.6 12.9 19.3#
71 62.9 26.7 40.1#

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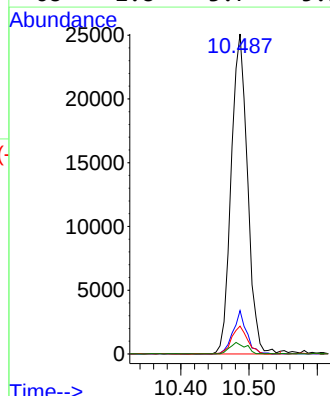
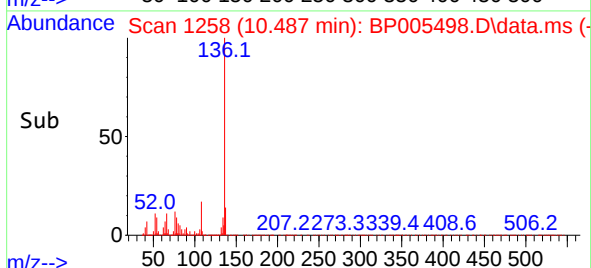
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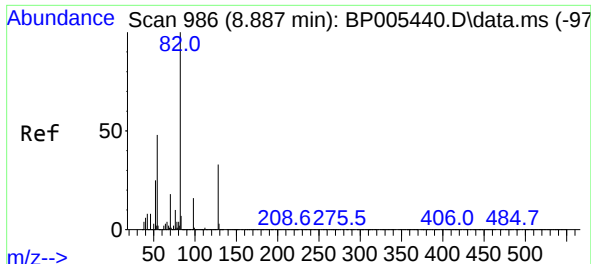


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14



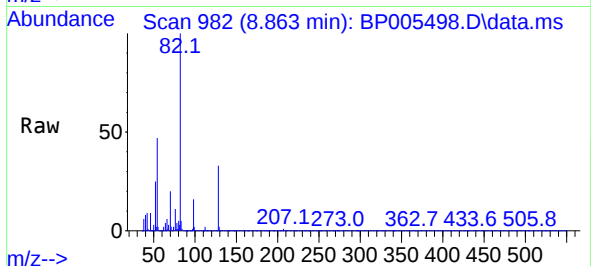
Tgt Ion: 136 Resp: 41871
Ion Ratio Lower Upper
136 100
137 13.5 8.9 13.3#
54 8.7 5.0 7.4#
68 2.8 3.7 5.5#





#23
Nitrobenzene-d5
Concen: 26.23 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

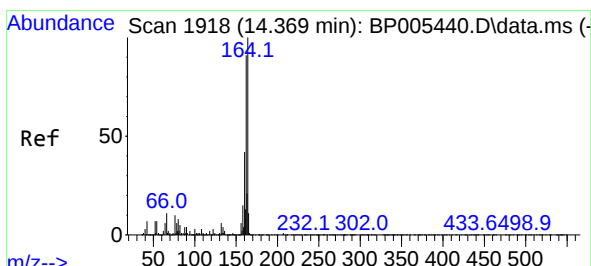
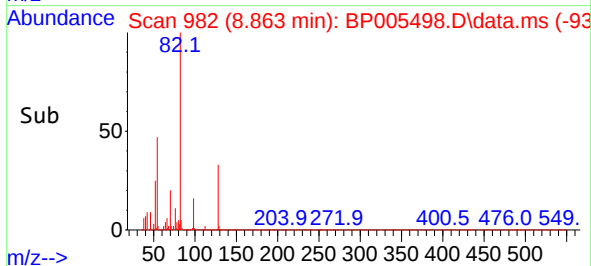
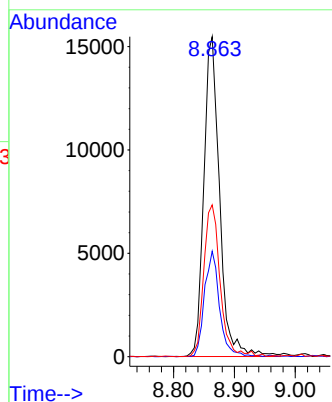
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Tgt Ion: 82 Resp: 27909
Ion Ratio Lower Upper
82 100
128 33.0 30.5 45.7
54 47.5 33.9 50.9

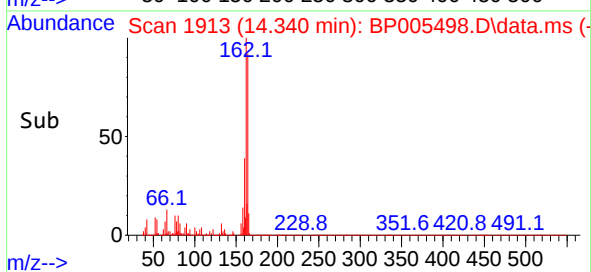
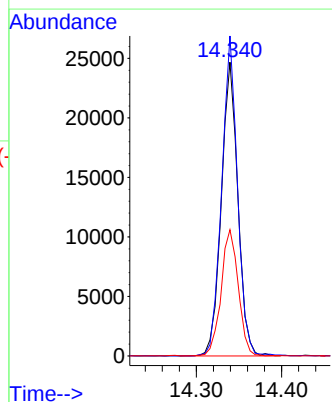
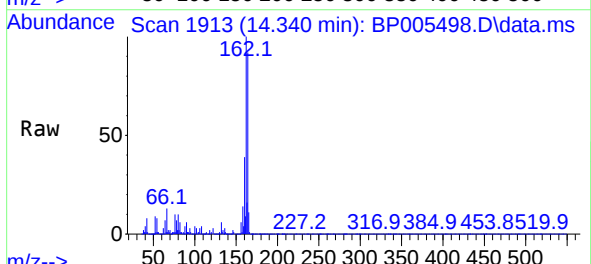
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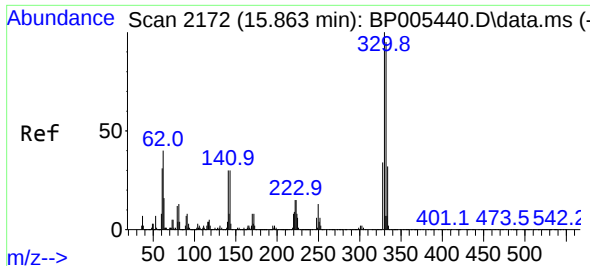
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

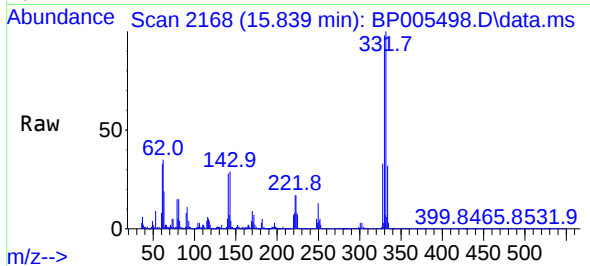
Tgt Ion: 164 Resp: 33305
Ion Ratio Lower Upper
164 100
162 108.9 73.5 110.3
160 43.0 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 32.86 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

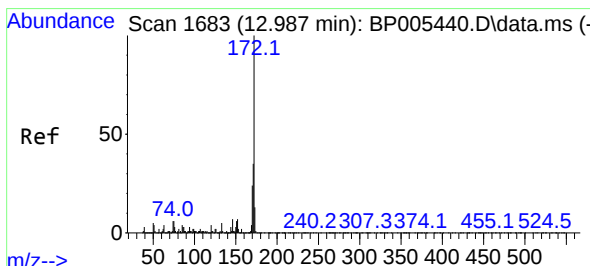
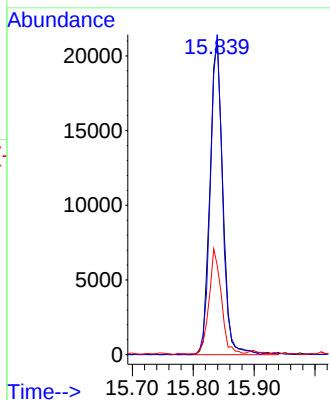
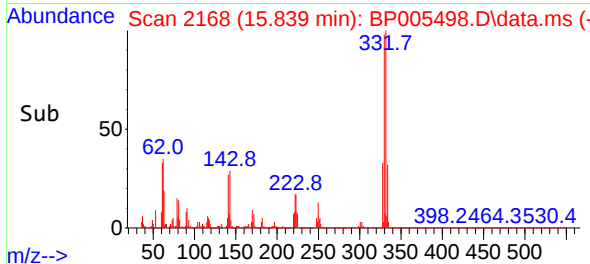
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ClientSampleId :
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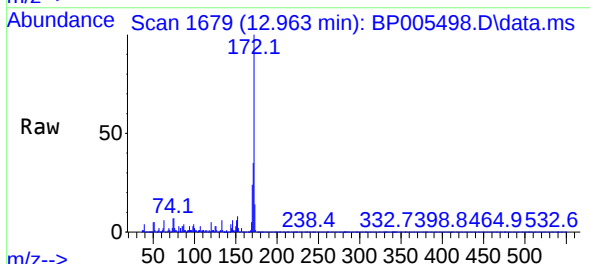
Tgt Ion:330 Resp: 31053
Ion Ratio Lower Upper
330 100
332 96.0 76.3 114.5
141 31.3 22.8 34.2

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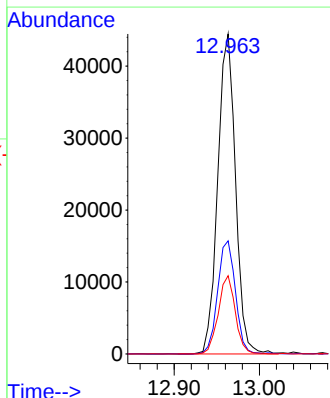
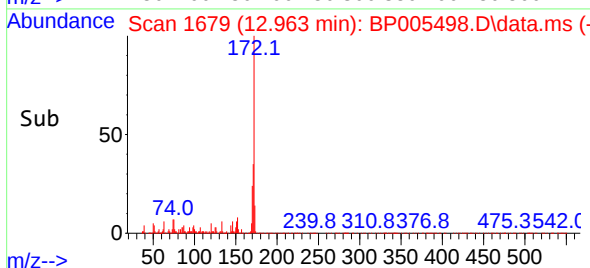
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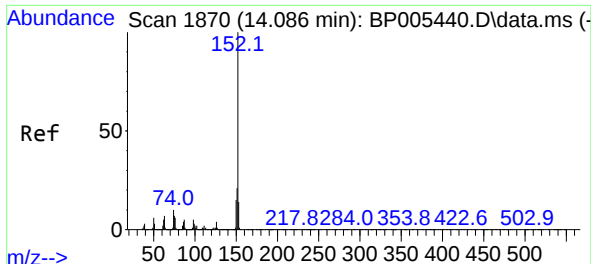


#45
2-Fluorobiphenyl
Concen: 21.82 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14



Tgt Ion:172 Resp: 64431
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 24.5 19.6 29.4





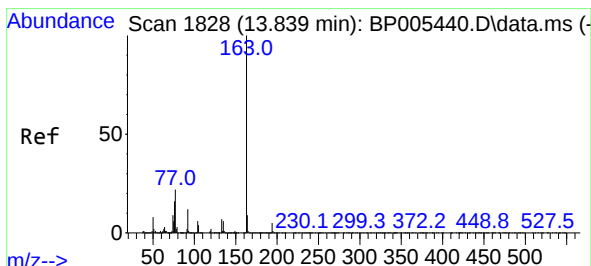
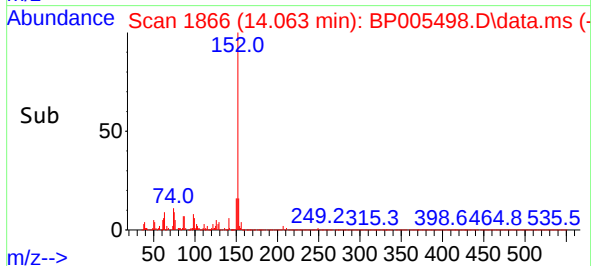
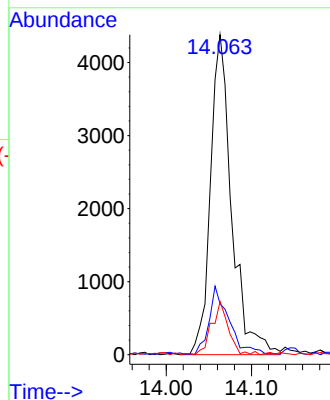
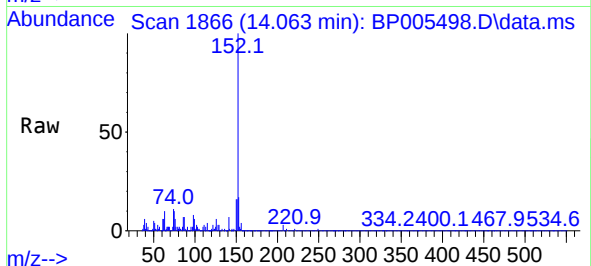
#49
Acenaphthylene
Concen: 2.46 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

Tgt Ion:	152	Resp:	7573
Ion Ratio	Lower	Upper	
152	100		
151	15.9	15.8	23.6
153	16.6	10.5	15.7#

Instrument :
BNA_P
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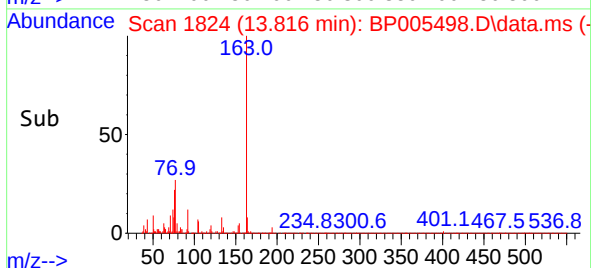
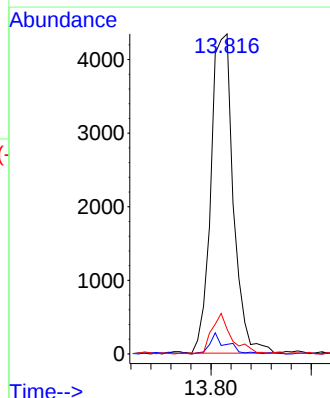
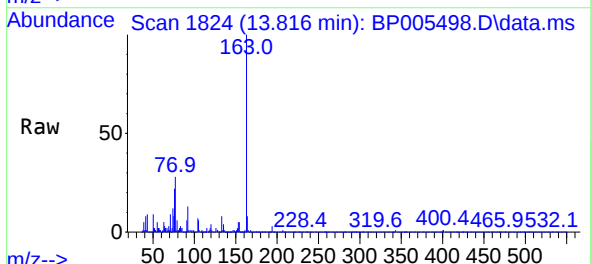
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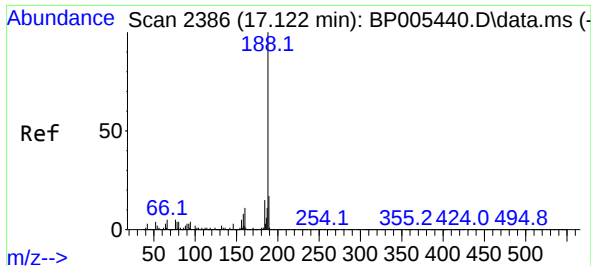
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#50
Dimethylphthalate
Concen: 2.35 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

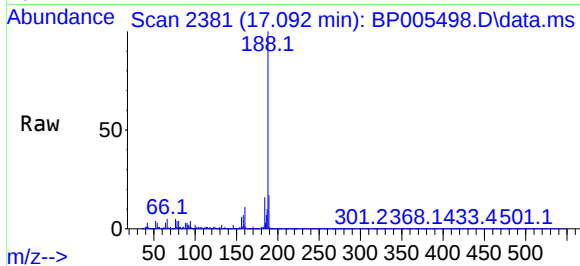
Tgt Ion:	163	Resp:	6743
Ion Ratio	Lower	Upper	
163	100		
194	3.0	3.9	5.9#
164	7.8	8.1	12.1#





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

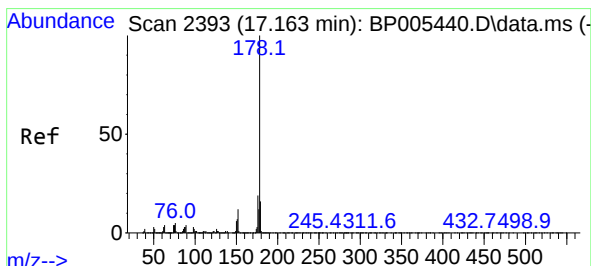
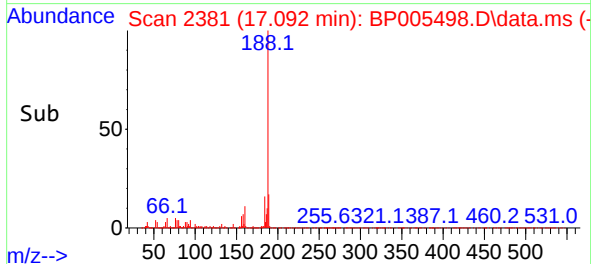
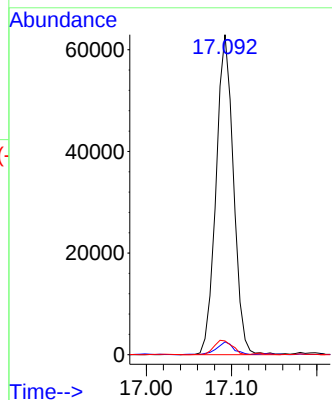
Instrument :
BNA_P
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OK-02-050721



Tgt Ion:188 Resp: 89363
Ion Ratio Lower Upper
188 100
94 4.0 5.0 7.6#
80 4.3 5.9 8.9#

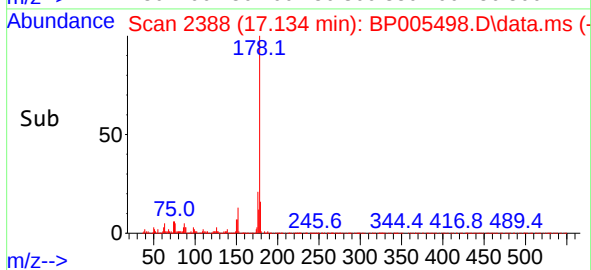
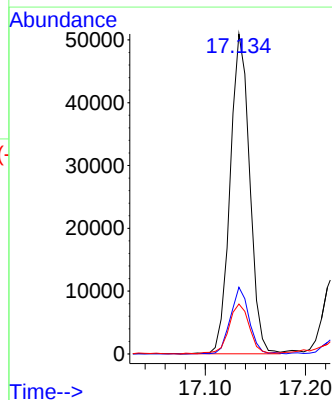
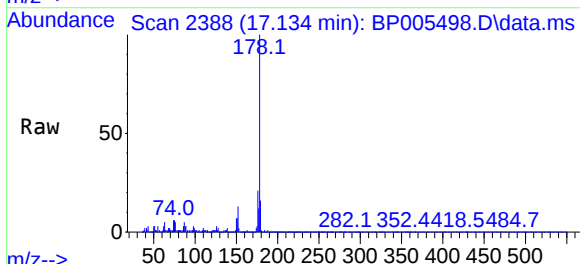
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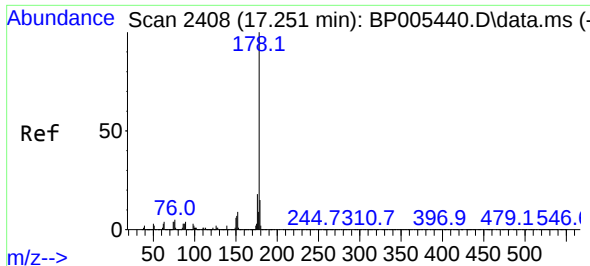
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#71
Phenanthrene
Concen: 13.57 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

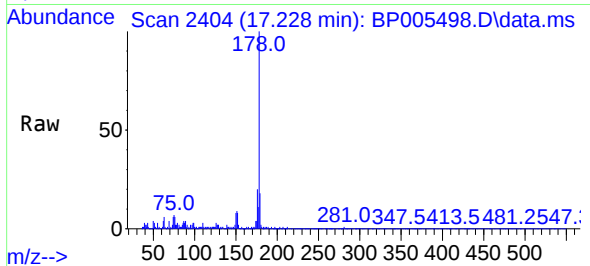
Tgt Ion:178 Resp: 68931
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.2
179 15.6 12.3 18.5





#72
 Anthracene
 Concen: 3.45 ng
 RT: 17.228 min Scan# 2404
 Delta R.T. -0.000 min
 Lab File: BP005498.D
 Acq: 11 May 2021 20:14

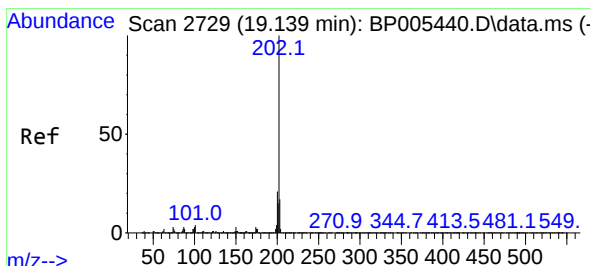
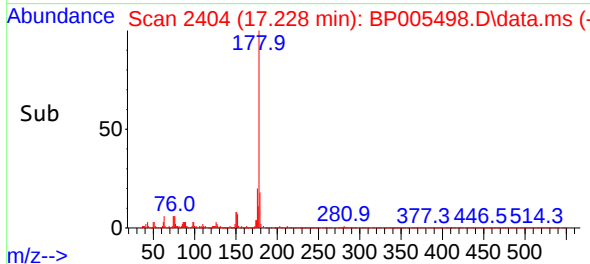
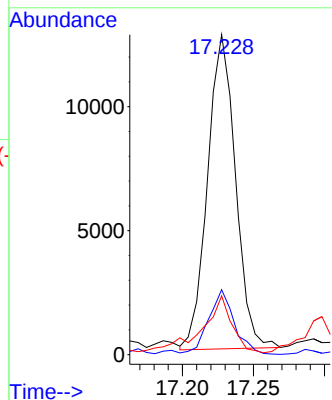
Instrument :
 BNA_P
 ClientSampleId :
 OK-02-050721



Tgt Ion:178 Resp: 17375
 Ion Ratio Lower Upper
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 179 18.4 12.6 19.0

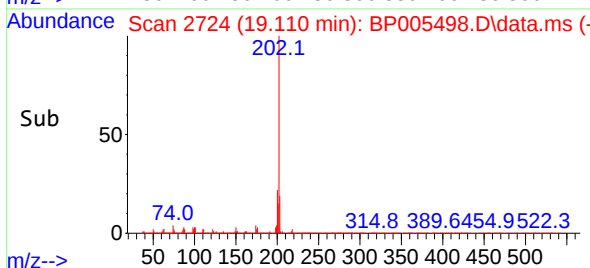
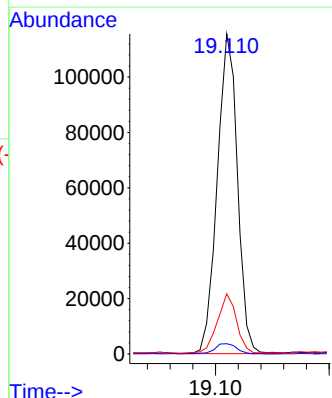
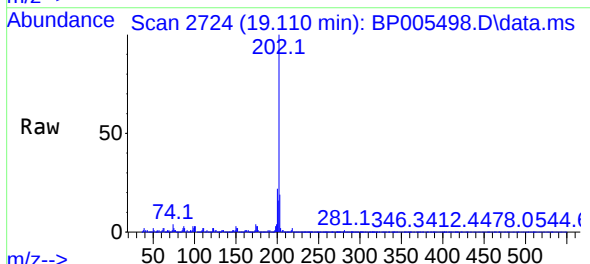
Manual Integrations
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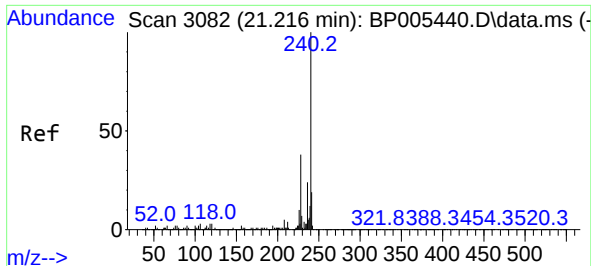
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#75
 Fluoranthene
 Concen: 20.46 ng
 RT: 19.110 min Scan# 2724
 Delta R.T. -0.006 min
 Lab File: BP005498.D
 Acq: 11 May 2021 20:14

Tgt Ion:202 Resp: 142899
 Ion Ratio Lower Upper
 202 100
 101 3.2 0.0 26.1
 203 18.8 0.0 37.2





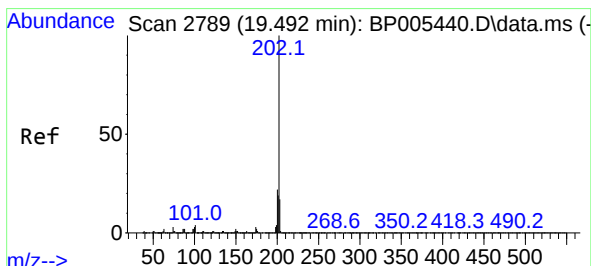
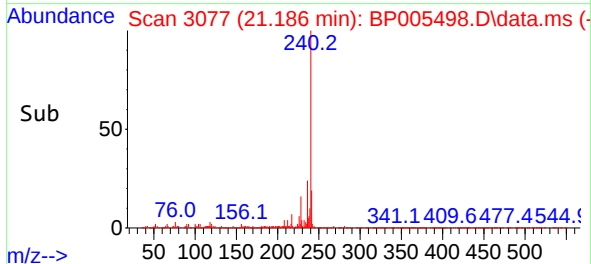
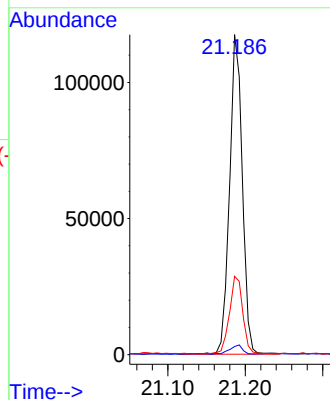
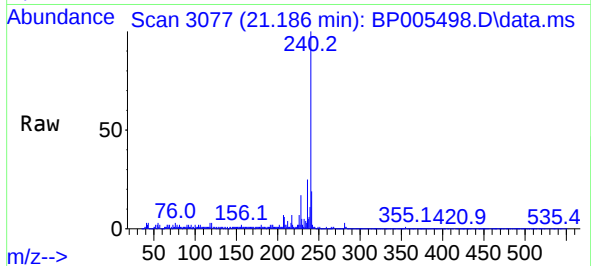
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

Tgt Ion:240 Resp: 134416
Ion Ratio Lower Upper
240 100
120 2.6 4.2 6.2#
236 24.5 20.2 30.2

Instrument :
BNA_P
ClientSampleId :
OK-02-050721

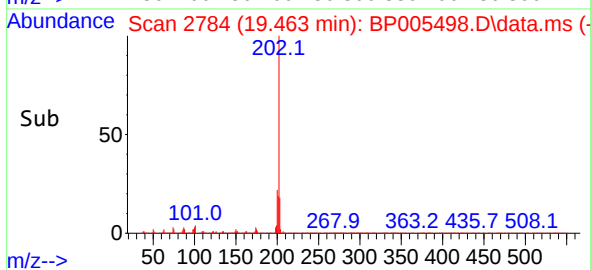
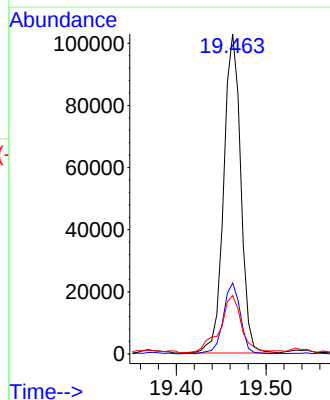
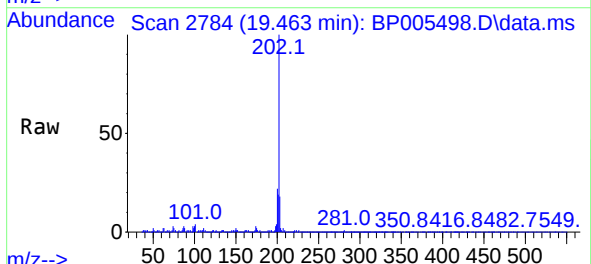
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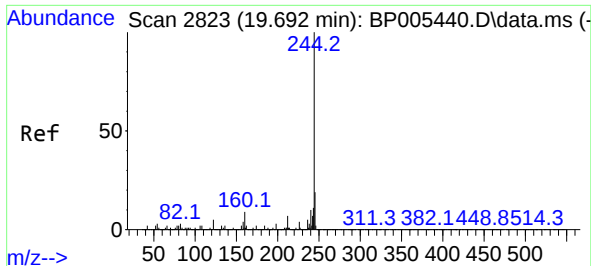
mohammad
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#78
Pyrene
Concen: 17.80 ng
RT: 19.463 min Scan# 2784
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

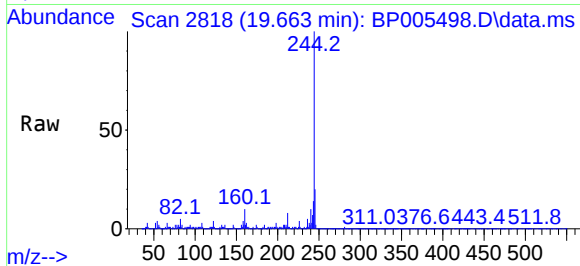
Tgt Ion:202 Resp: 135433
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 18.3 13.8 20.6





#79
Terphenyl-d14
Concen: 20.18 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

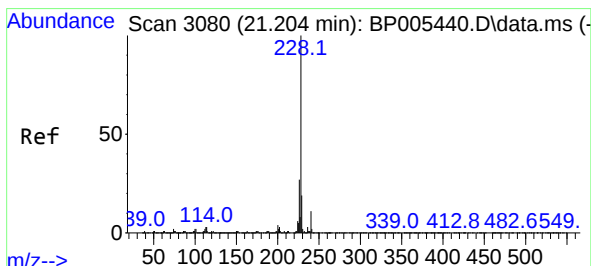
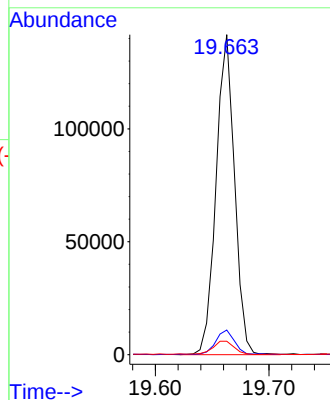
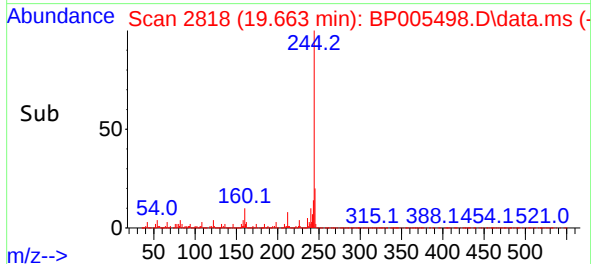
Instrument :
BNA_P
ClientSampleId :
OK-02-050721



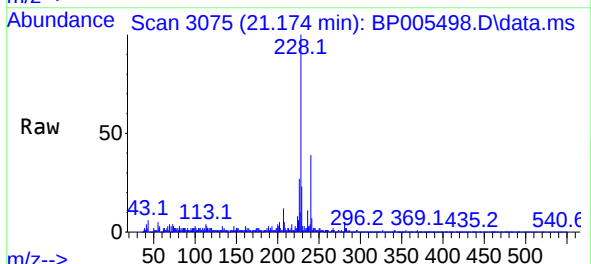
Tgt Ion:244 Resp: 159762
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 4.2 5.2 7.8#

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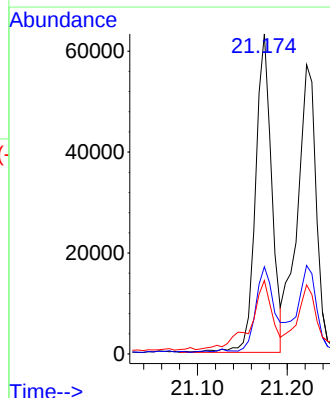
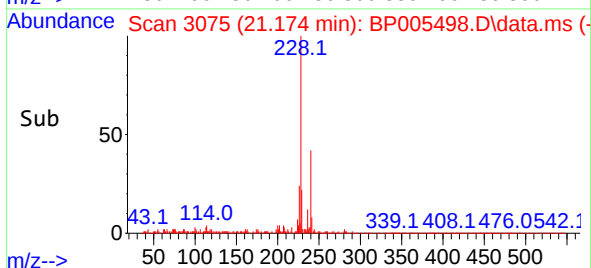
mohammad
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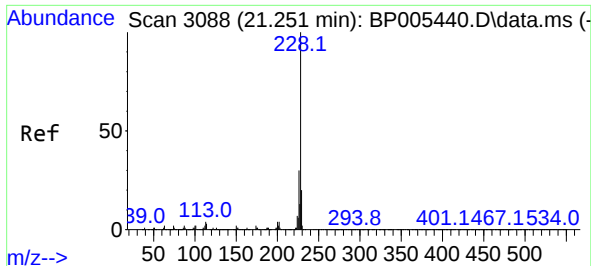


#81
Benzo(a)anthracene
Concen: 9.07 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

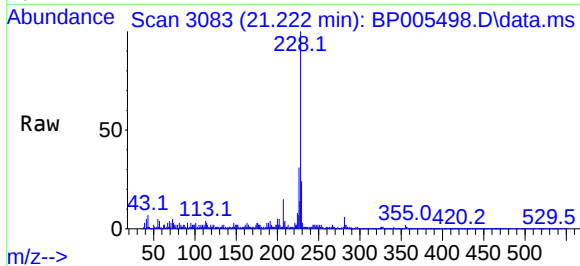


Tgt Ion:228 Resp: 79019
Ion Ratio Lower Upper
228 100
226 27.3 21.2 31.8
229 22.9 15.6 23.4

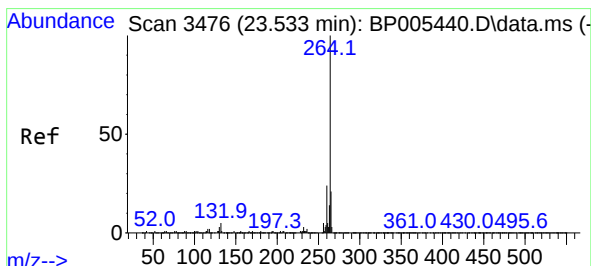
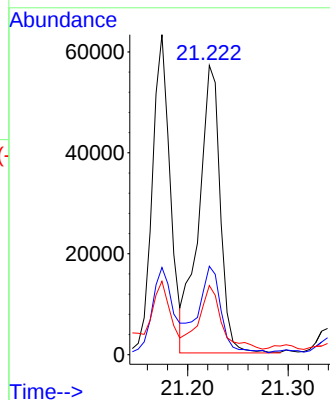
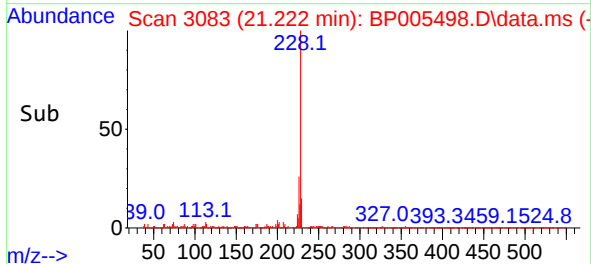




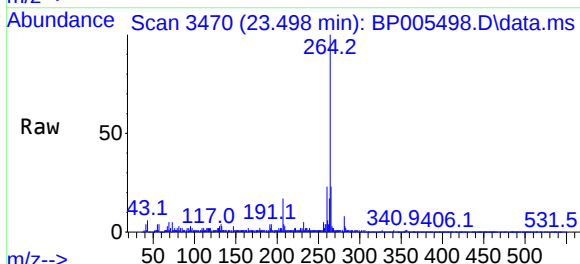
#83
Chrysene
Concen: 10.07 ng m
RT: 21.222 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14



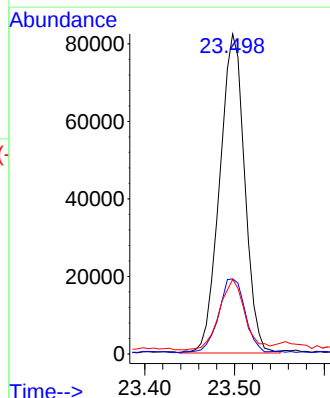
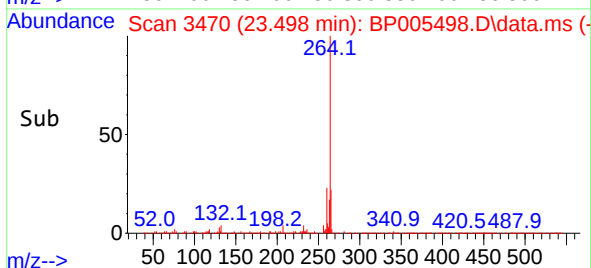
Tgt Ion: 228 Resp: 85015
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 23.9 15.4 23.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14



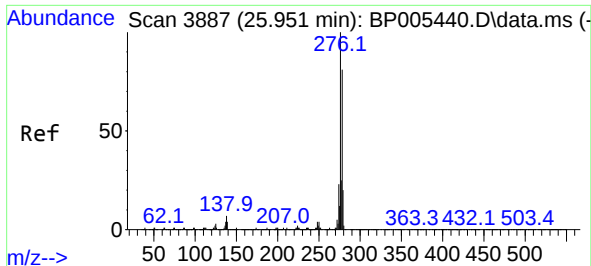
Tgt Ion: 264 Resp: 159254
Ion Ratio Lower Upper
264 100
260 23.5 20.6 30.8
265 23.3 19.0 28.6



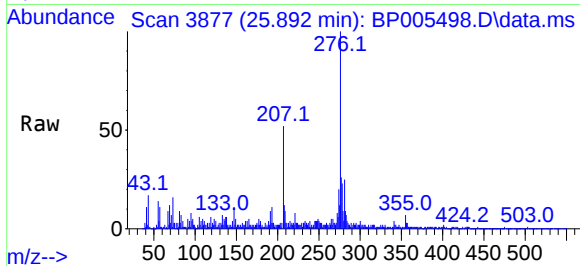
Instrument :
BNA_P
ClientSampled :
OK-02-050721

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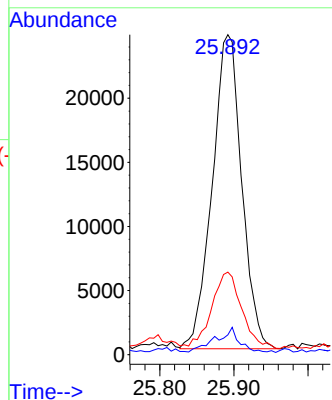
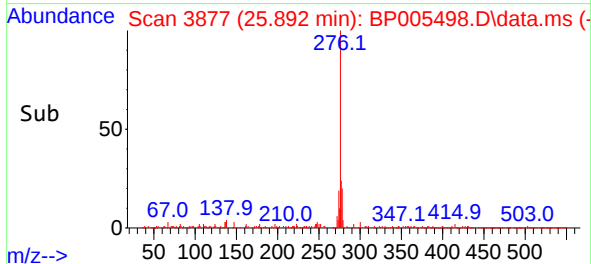
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.05 ng
RT: 25.892 min Scan# 3877
Delta R.T. -0.012 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14



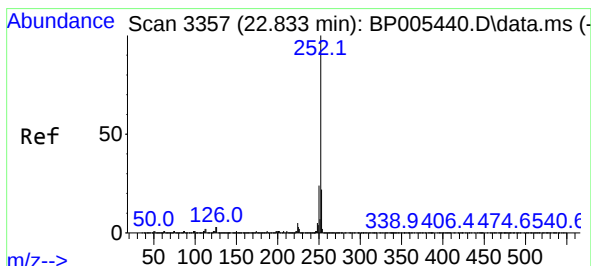
Tgt Ion: 276 Resp: 67713
Ion Ratio Lower Upper
276 100
138 6.1 8.4 12.6#
277 24.7 20.6 31.0



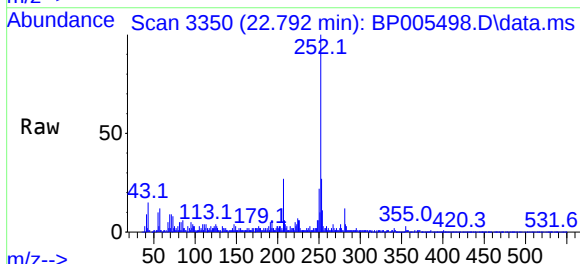
Instrument :
BNA_P
ClientSampleId :
OK-02-050721

Manual Integrations
APPROVED

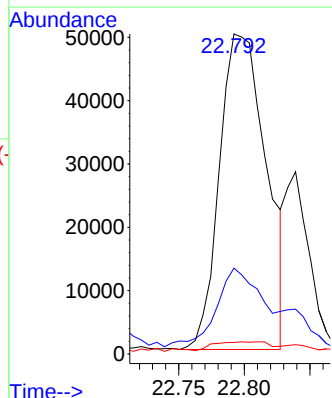
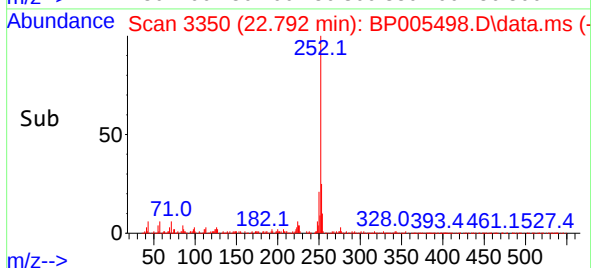
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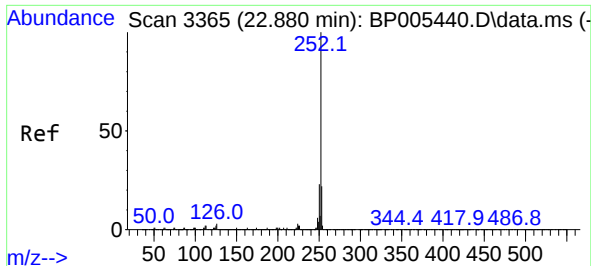


#88
Benzo(b)fluoranthene
Concen: 11.65 ng
RT: 22.792 min Scan# 3350
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14



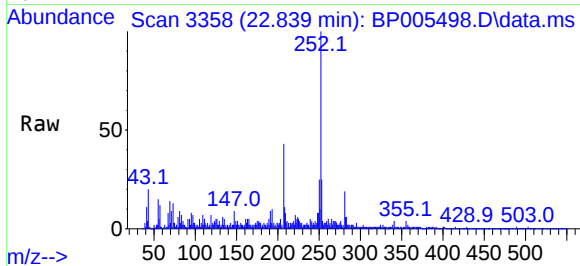
Tgt Ion: 252 Resp: 123620
Ion Ratio Lower Upper
252 100
253 26.8 18.2 27.2
125 3.6 3.4 5.0





#89
Benzo(k)fluoranthene
Concen: 3.42 ng m
RT: 22.839 min Scan# 3358
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

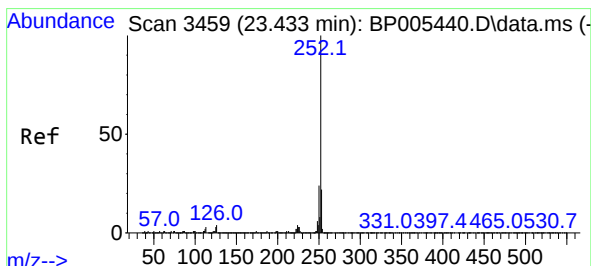
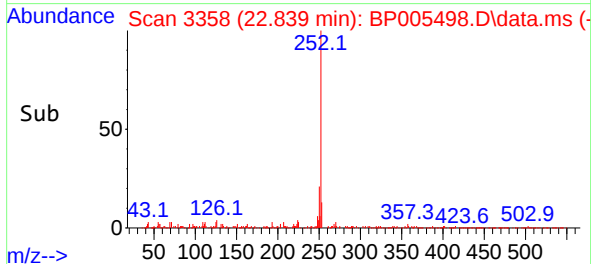
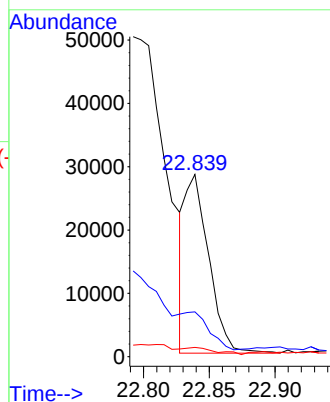
Instrument :
BNA_P
ClientSampleId :
OK-02-050721



Tgt Ion:252 Resp: 35472
Ion Ratio Lower Upper
252 100
253 24.6 17.2 25.8
125 5.1 3.8 5.6

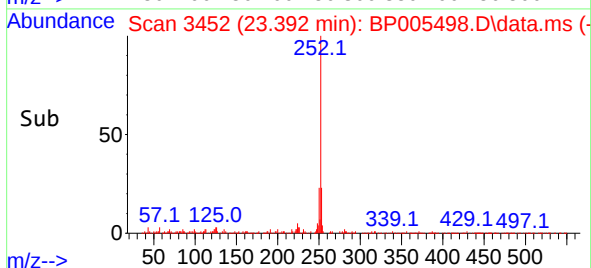
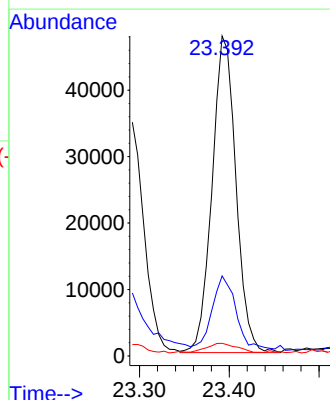
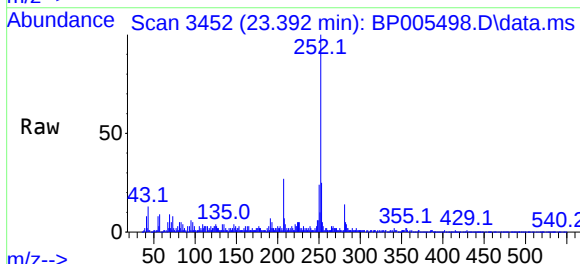
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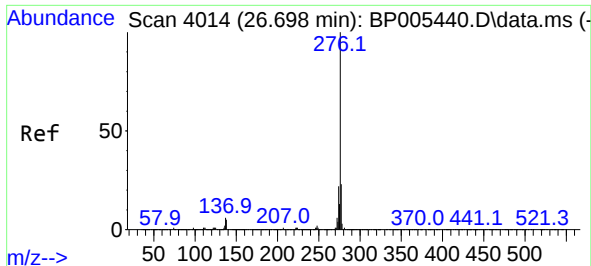
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#90
Benzo(a)pyrene
Concen: 9.05 ng
RT: 23.392 min Scan# 3452
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

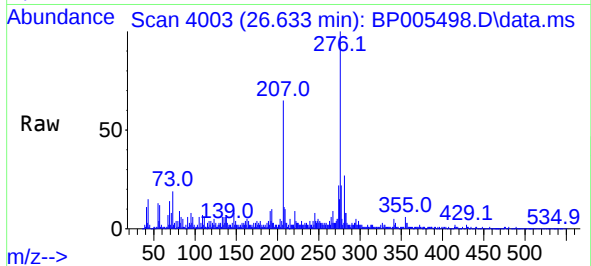
Tgt Ion:252 Resp: 88067
Ion Ratio Lower Upper
252 100
253 25.0 17.1 25.7
125 3.9 3.8 5.6





#92
Benzo(g,h,i)perylene
Concen: 6.26 ng
RT: 26.633 min Scan# 4003
Delta R.T. -0.006 min
Lab File: BP005498.D
Acq: 11 May 2021 20:14

Instrument :
BNA_P
ClientSampleId :
OK-02-050721



Tgt Ion:276 Resp: 68485
Ion Ratio Lower Upper
276 100
277 22.3 19.8 29.8
138 6.9 7.7 11.5#

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