

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005384.D
 Acq On : 22 Apr 2021 19:56
 Operator : CG/JU
 Sample : M2111-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-3

Manual Integrations
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Quant Time: Apr 23 01:51:05 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	7.646	152	32299	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	113213	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	75978	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	188146	20.00	ng	0.00
76) Chrysene-d12	21.174	240	250799	20.00	ng	# 0.00
86) Perylene-d12	23.433	264	251944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	90735	48.80	ng	0.00
7) Phenol-d6	6.834	99	117145	45.73	ng	0.00
23) Nitrobenzene-d5	8.804	82	96593	37.11	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	51986	35.77	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	153349	26.13	ng	0.00
79) Terphenyl-d14	19.645	244	291295	21.52	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.028	152	128615	19.96	ng	98
71) Phenanthrene	17.110	178	78571	7.84	ng	99
72) Anthracene	17.204	178	82100	8.41	ng	99
75) Fluoranthene	19.092	202	239345	17.39	ng	100
78) Pyrene	19.451	202	313817	22.31	ng	99
81) Benzo(a)anthracene	21.157	228	351382	21.77	ng	96
83) Chrysene	21.210	228	292459	18.19	ng	98
87) Indeno(1,2,3-cd)pyrene	25.745	276	288724	15.00	ng	98
88) Benzo(b)fluoranthene	22.757	252	540216m	32.57	ng	
89) Benzo(k)fluoranthene	22.792	252	187866m	11.54	ng	
90) Benzo(a)pyrene	23.339	252	405560	26.81	ng	97
91) Dibenzo(a,h)anthracene	25.745	278	82324	4.94	ng	# 87
92) Benzo(g,h,i)perylene	26.462	276	259468	16.62	ng	97

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

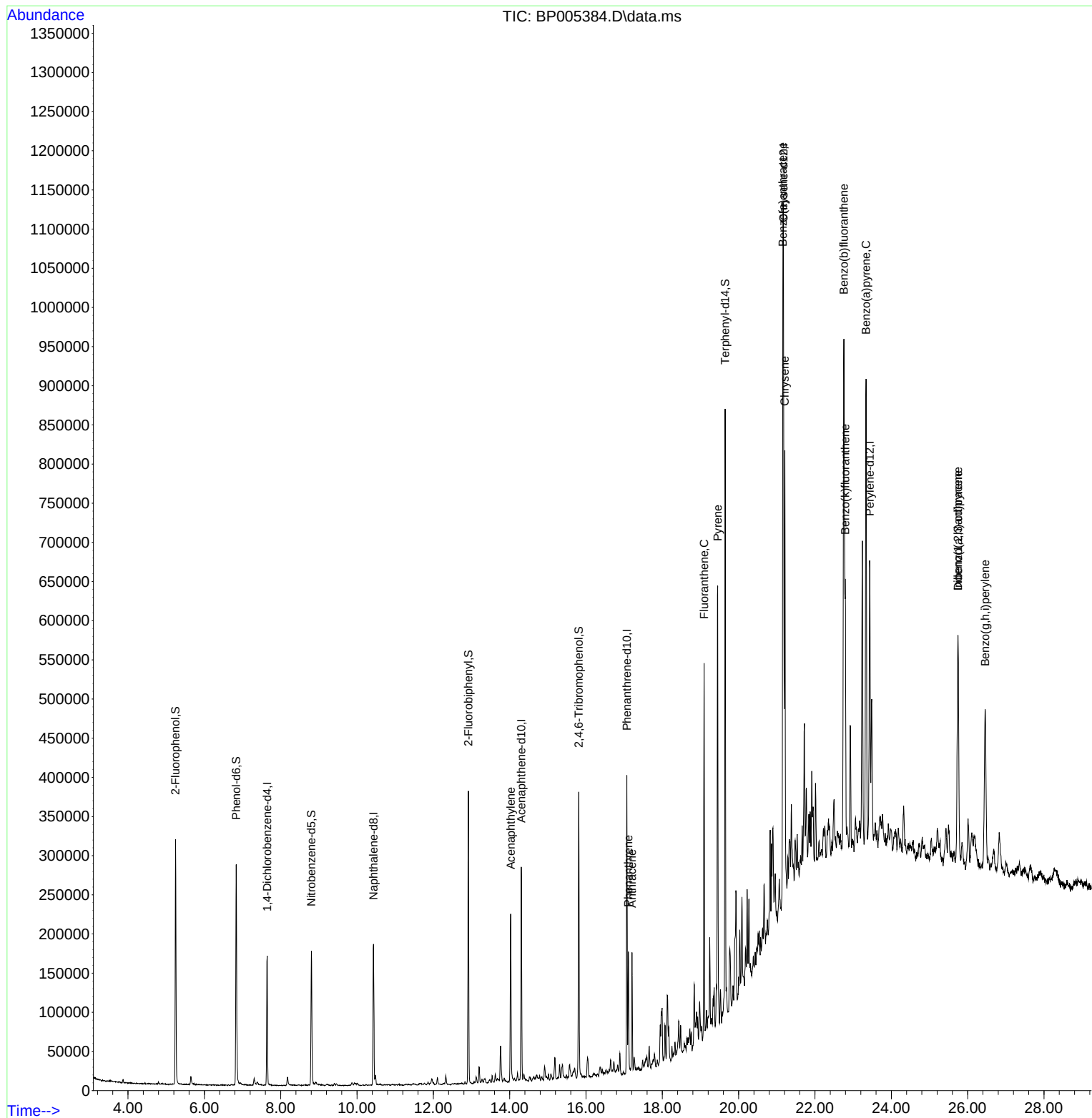
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005384.D
Acq On : 22 Apr 2021 19:56
Operator : CG/JU
Sample : M2111-03 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

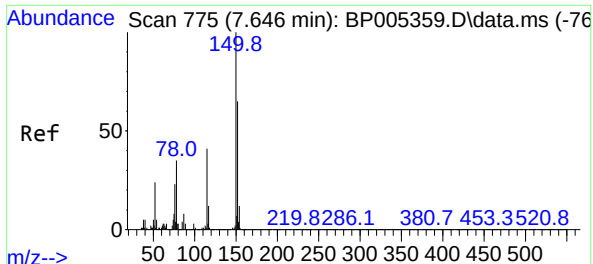
Instrument :
BNA_P
ClientSampled :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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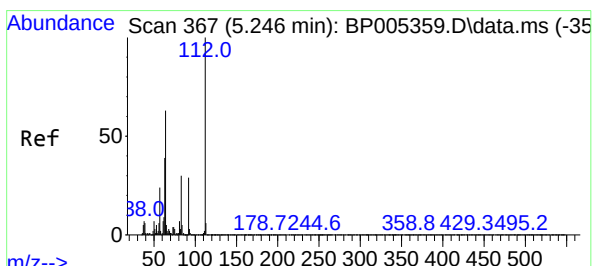
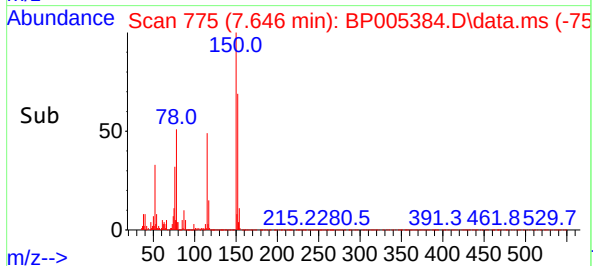
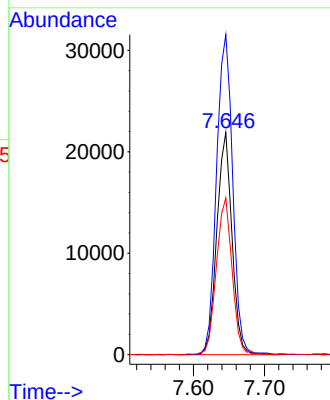
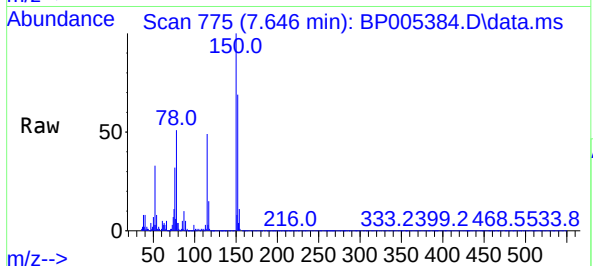
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

Tgt Ion:152 Resp: 32299
Ion Ratio Lower Upper
152 100
150 144.0 119.8 179.8
115 70.6 49.0 73.4

Instrument :
BNA_P
ClientSampled :
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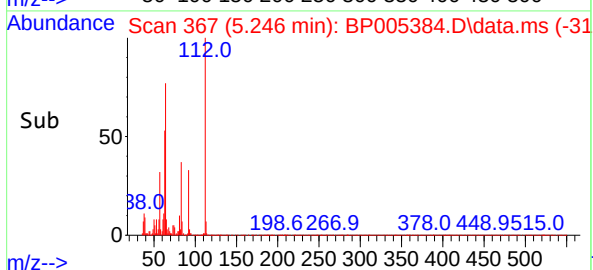
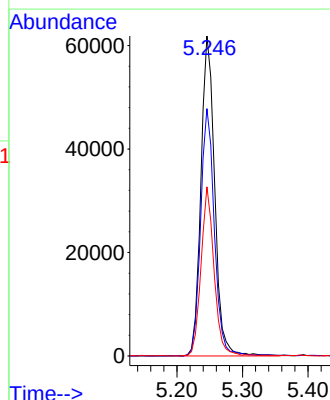
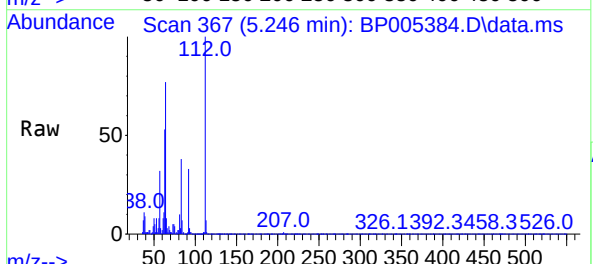
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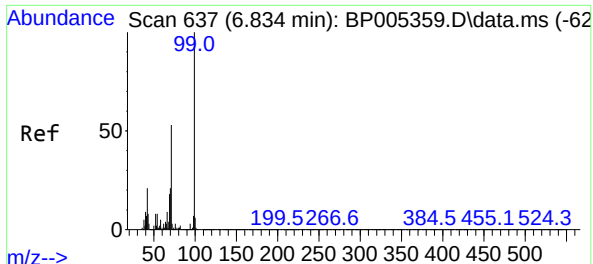
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#5
2-Fluorophenol
Concen: 48.80 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

Tgt Ion:112 Resp: 90735
Ion Ratio Lower Upper
112 100
64 77.3 33.6 50.4#
63 52.8 18.6 27.8#





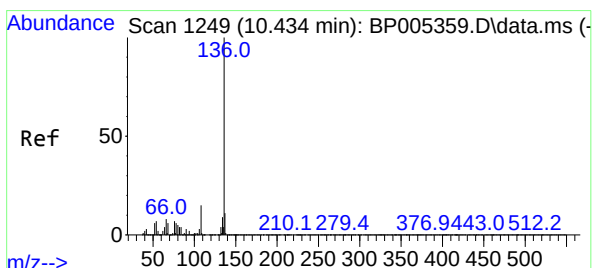
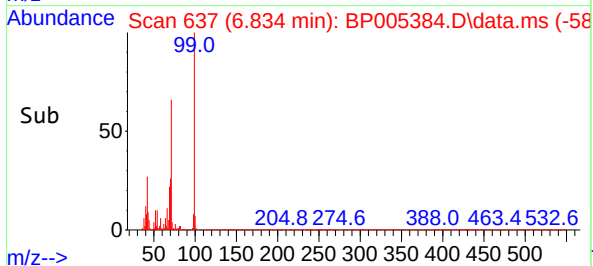
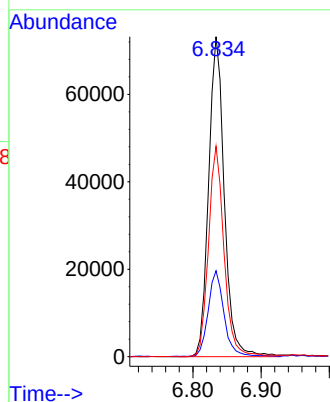
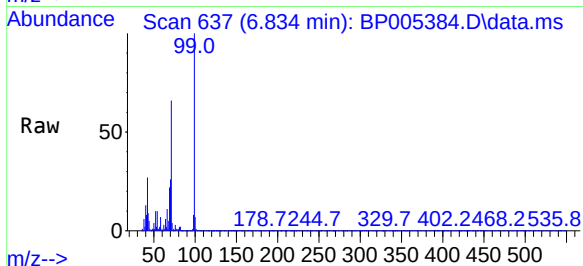
#7
Phenol-d6
Concen: 45.73 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

Tgt Ion: 99 Resp: 117145
Ion Ratio Lower Upper
99 100
42 26.8 12.9 19.3#
71 65.8 26.7 40.1#

Instrument :
BNA_P
ClientSampled :
S-3

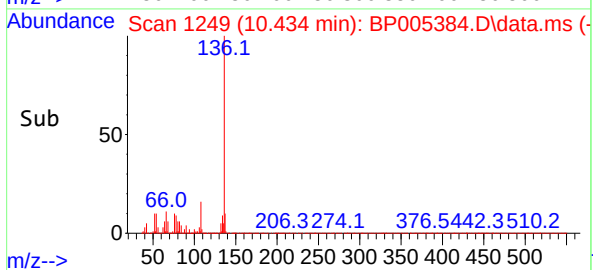
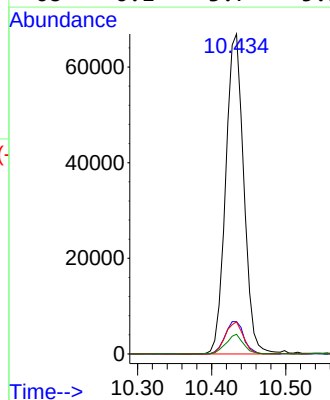
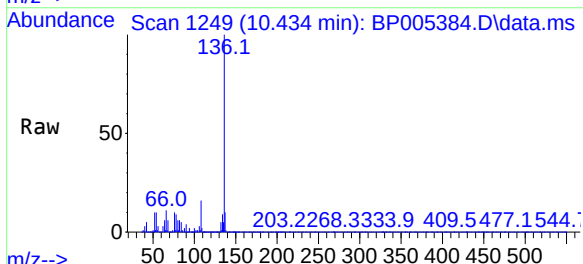
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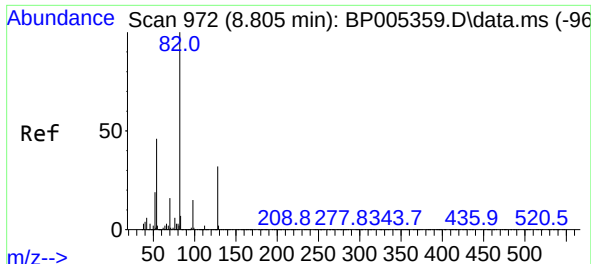
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

Tgt Ion: 136 Resp: 113213
Ion Ratio Lower Upper
136 100
137 10.1 8.9 13.3
54 10.0 5.0 7.4#
68 6.1 3.7 5.5#





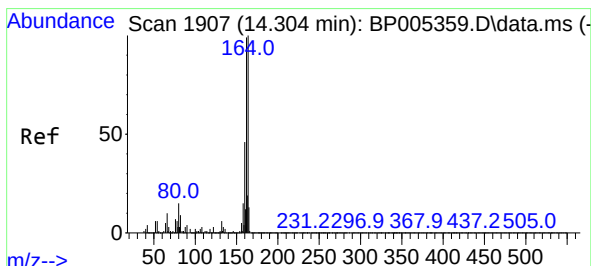
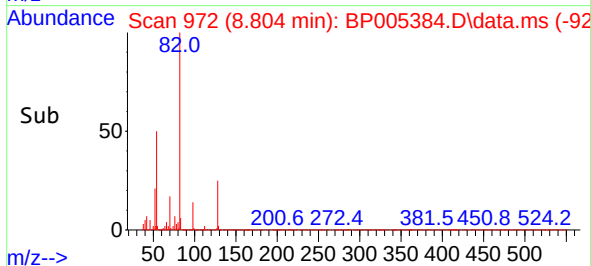
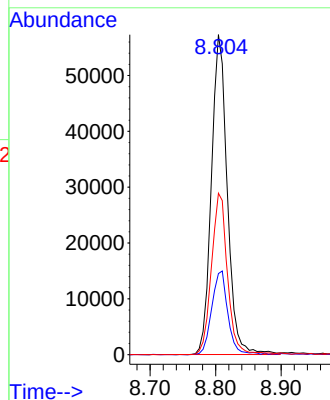
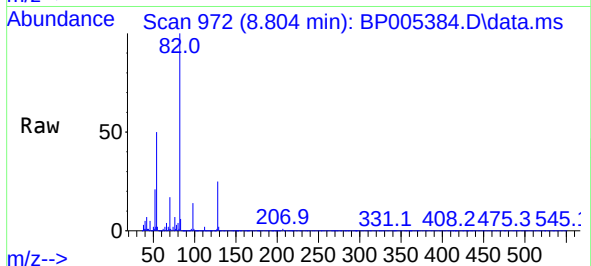
#23
Nitrobenzene-d5
Concen: 37.11 ng
RT: 8.804 min Scan# 972
Delta R.T. -0.001 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

Tgt Ion: 82 Resp: 96593
Ion Ratio Lower Upper
82 100
128 25.3 30.5 45.7#
54 50.4 33.9 50.9

Instrument :
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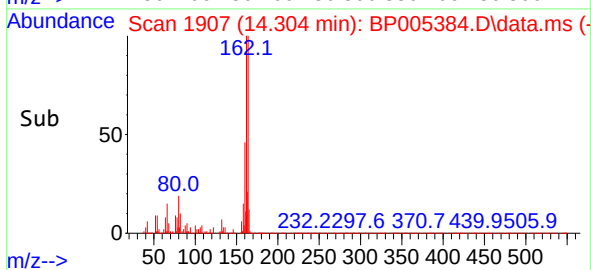
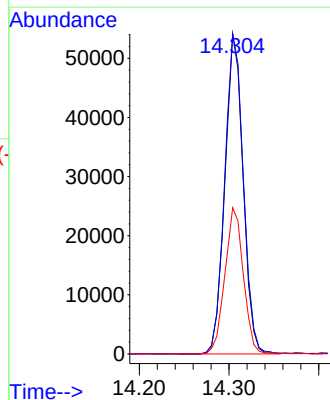
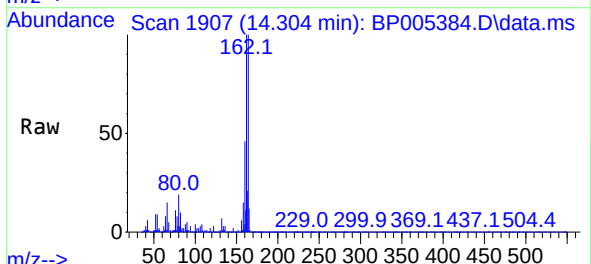
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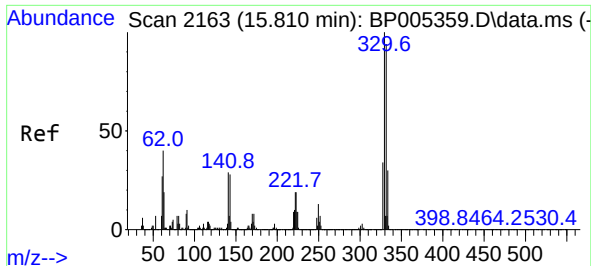
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

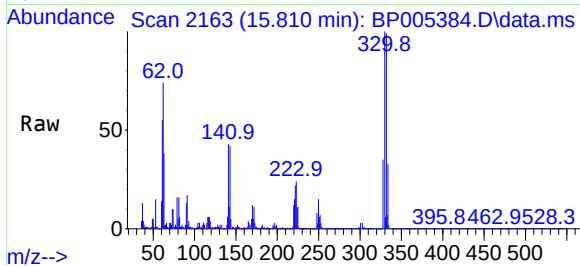
Tgt Ion:164 Resp: 75978
Ion Ratio Lower Upper
164 100
162 100.0 73.5 110.3
160 45.7 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 35.77 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

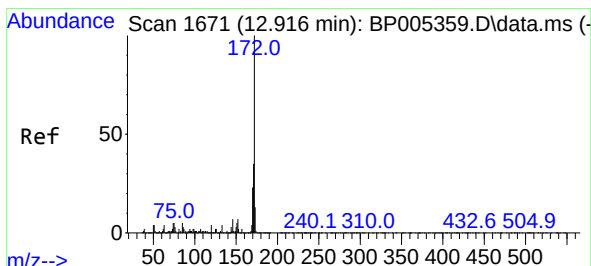
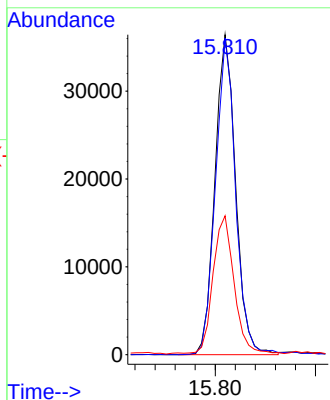
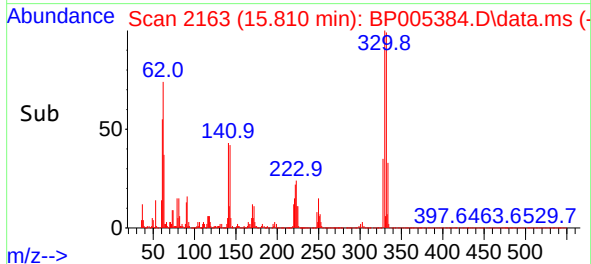
Instrument :
BNA_P
ClientSampled :
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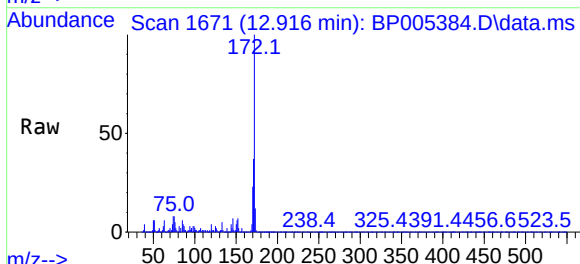
Tgt Ion:330 Resp: 51986
Ion Ratio Lower Upper
330 100
332 97.4 76.3 114.5
141 44.4 22.8 34.2#

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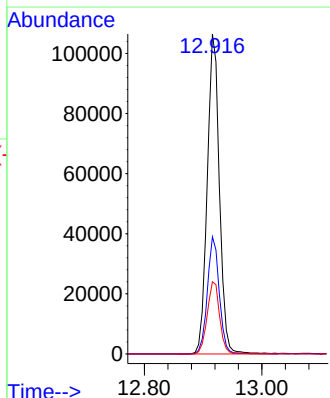
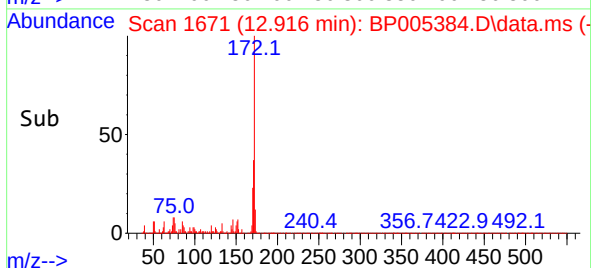
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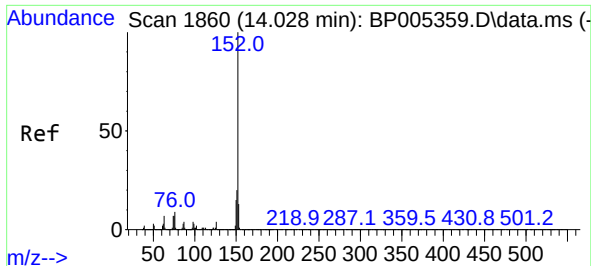


#45
2-Fluorobiphenyl
Concen: 26.13 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

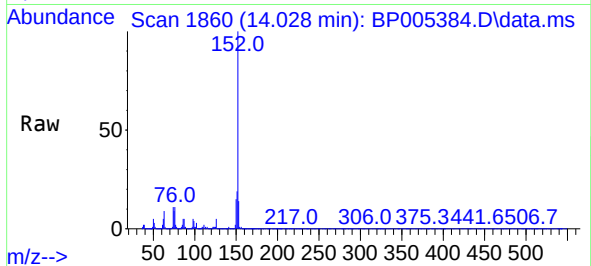


Tgt Ion:172 Resp: 153349
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 22.5 19.6 29.4

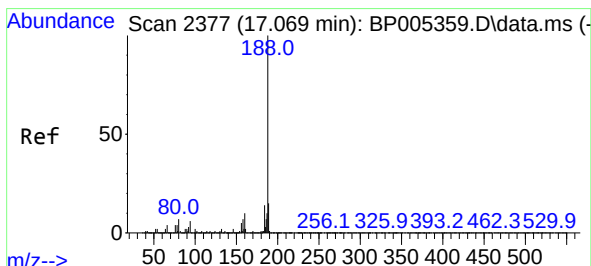
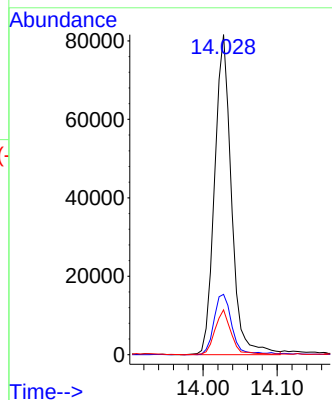
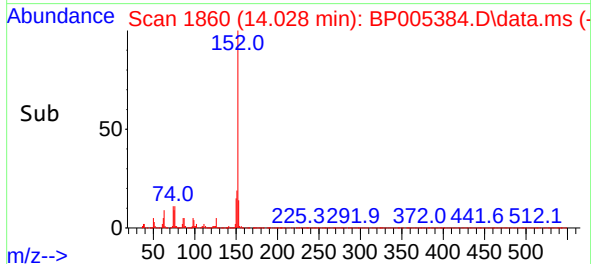




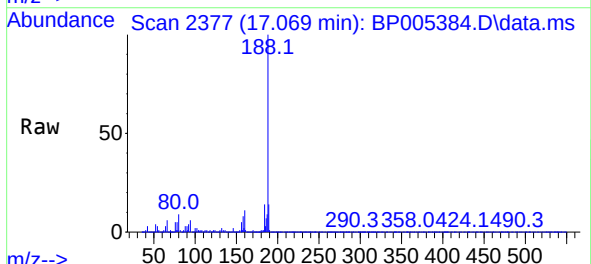
#49
Acenaphthylene
Concen: 19.96 ng
RT: 14.028 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56



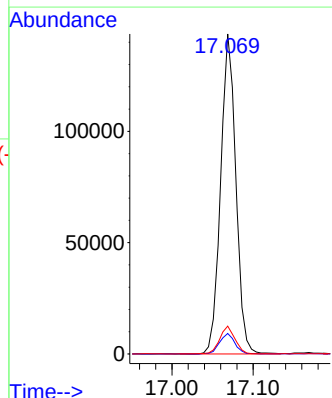
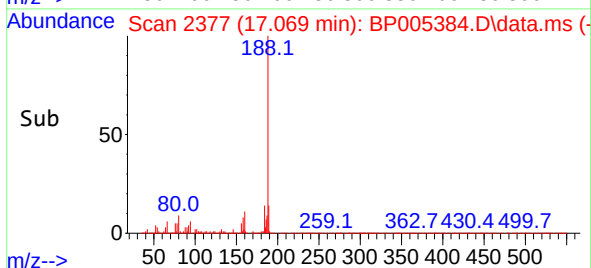
Tgt Ion:152 Resp: 128615
Ion Ratio Lower Upper
152 100
151 18.9 15.8 23.6
153 14.0 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56



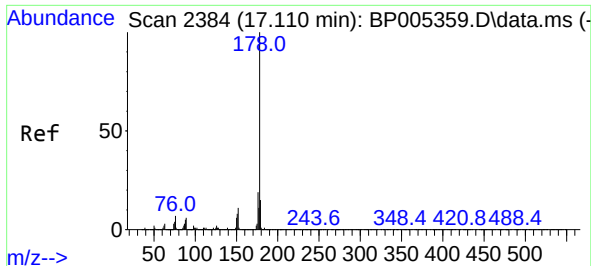
Tgt Ion:188 Resp: 188146
Ion Ratio Lower Upper
188 100
94 6.4 5.0 7.6
80 8.7 5.9 8.9



Instrument :
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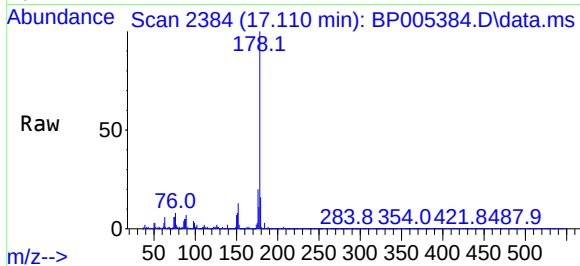
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#71
Phenanthrene
Concen: 7.84 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

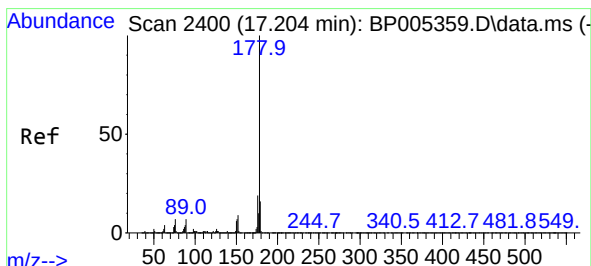
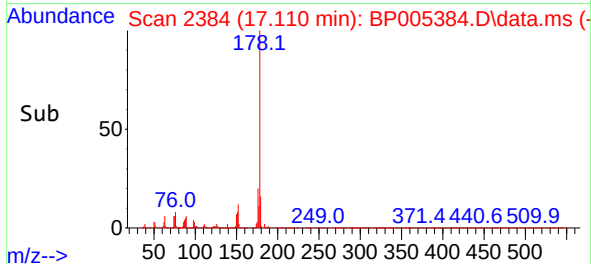
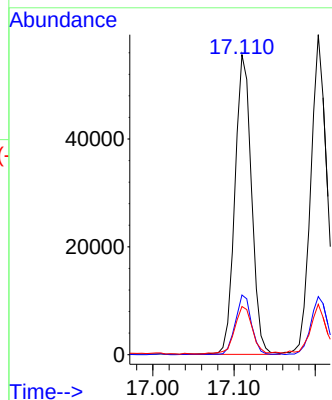
Instrument :
BNA_P
ClientSampled :
S-3



Tgt Ion:178 Resp: 78571
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 16.1 12.3 18.5

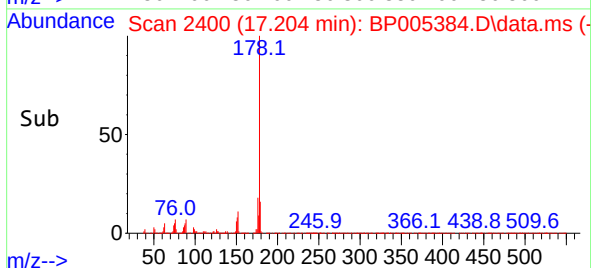
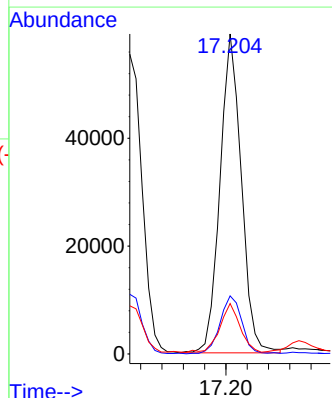
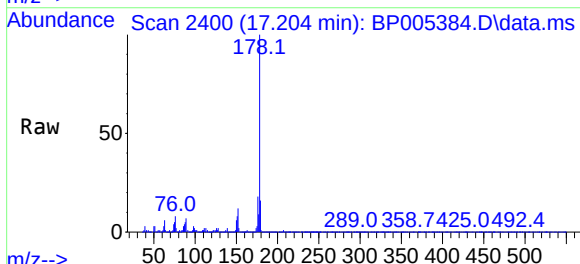
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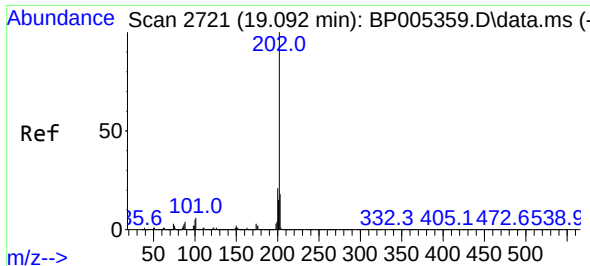
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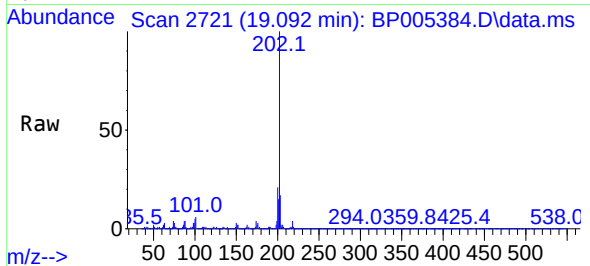
#72
Anthracene
Concen: 8.41 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

Tgt Ion:178 Resp: 82100
Ion Ratio Lower Upper
178 100
176 18.2 15.2 22.8
179 15.7 12.6 19.0

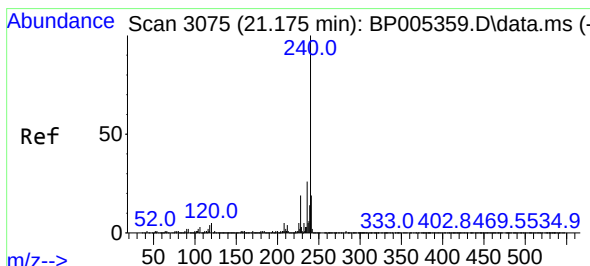
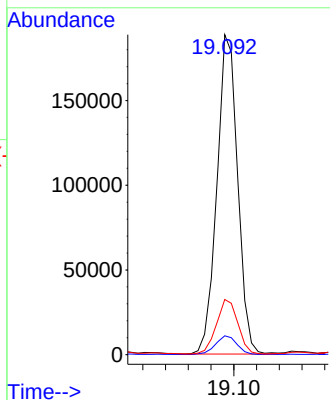
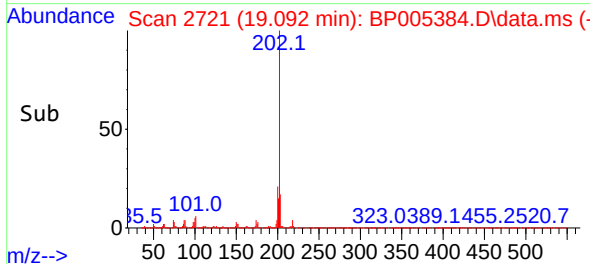




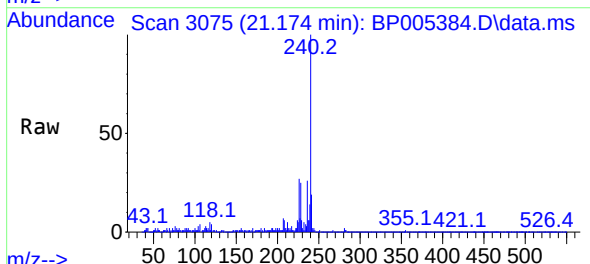
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Fluoranthene
Concen: 17.39 ng
RT: 19.092 min Scan# 2721
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56



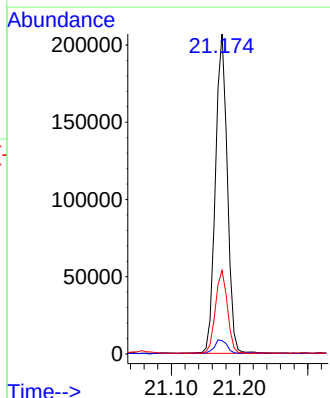
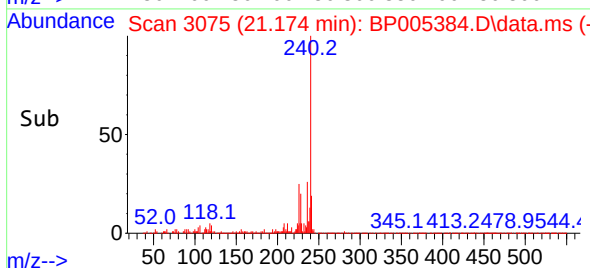
Tgt Ion:202 Resp: 239345
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.1
203 17.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.001 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56



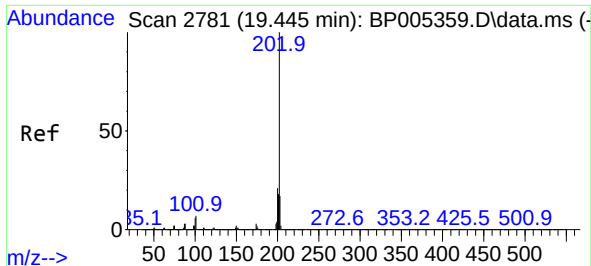
Tgt Ion:240 Resp: 250799
Ion Ratio Lower Upper
240 100
120 4.1 4.2 6.2#
236 26.1 20.2 30.2



Instrument :
BNA_P
ClientSampled :
S-3

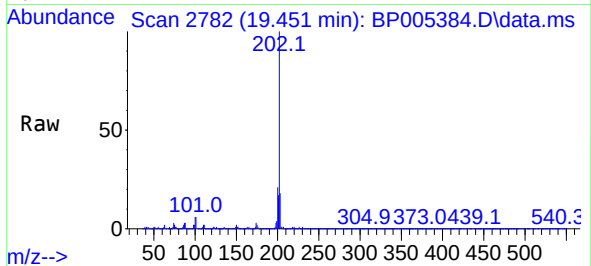
Manual Integrations
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#78
Pyrene
Concen: 22.31 ng
RT: 19.451 min Scan# 2782
Delta R.T. 0.006 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

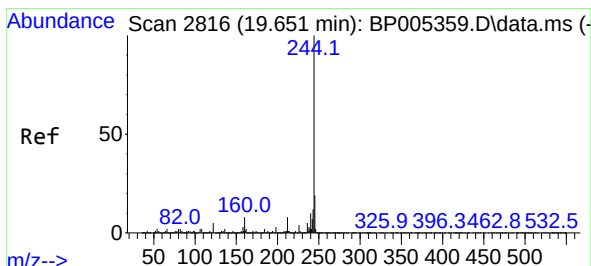
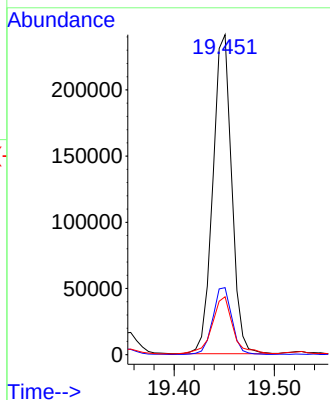
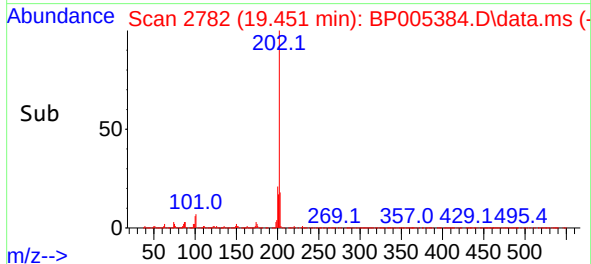
Instrument :
BNA_P
ClientSampled :
S-3



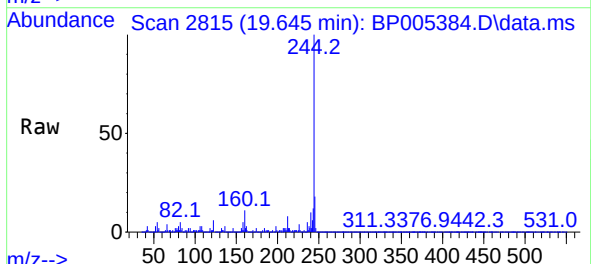
Tgt Ion:202 Resp: 313817
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 18.1 13.8 20.6

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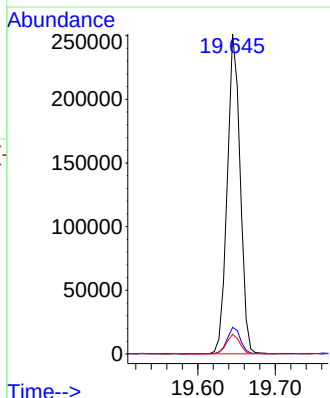
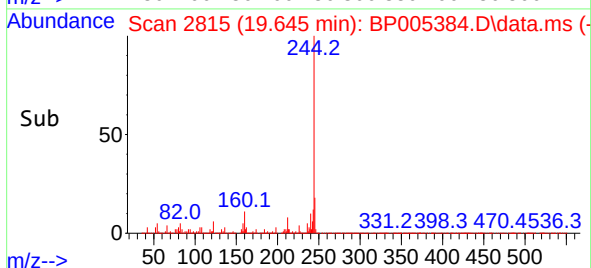
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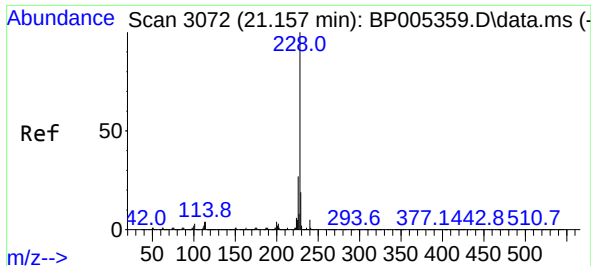


#79
Terphenyl-d14
Concen: 21.52 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56



Tgt Ion:244 Resp: 291295
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.6
122 6.1 5.2 7.8





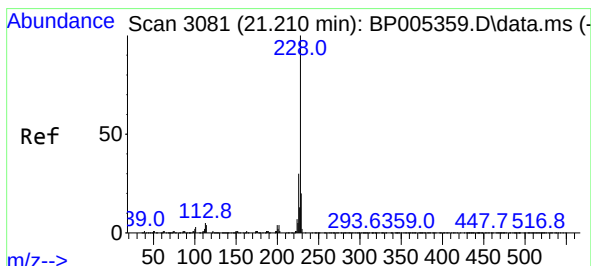
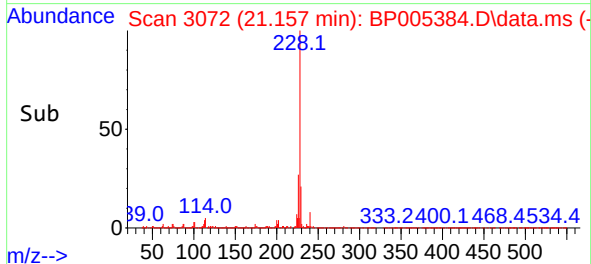
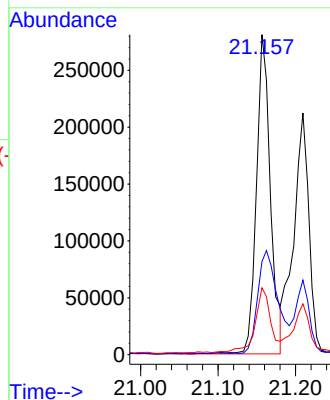
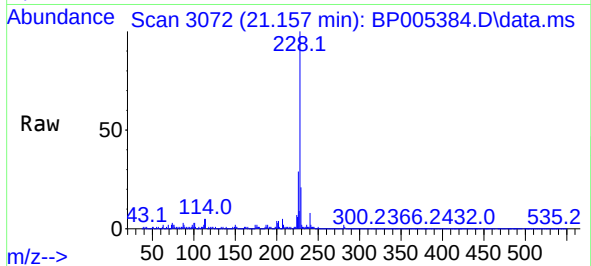
#81
Benzo(a)anthracene
Concen: 21.77 ng
RT: 21.157 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

Tgt Ion:228 Resp: 351382
Ion Ratio Lower Upper
228 100
226 29.1 21.2 31.8
229 20.9 15.6 23.4

Instrument :
BNA_P
ClientSampled :
S-3

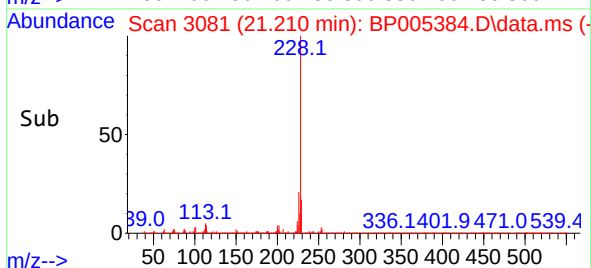
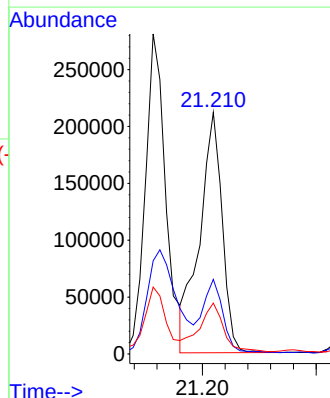
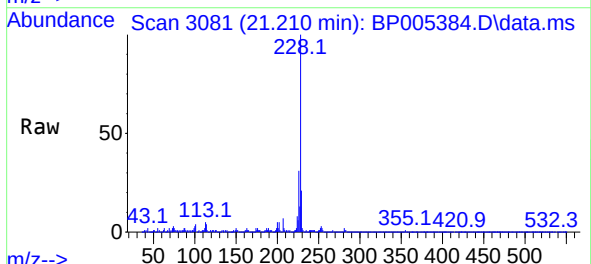
Manual Integrations
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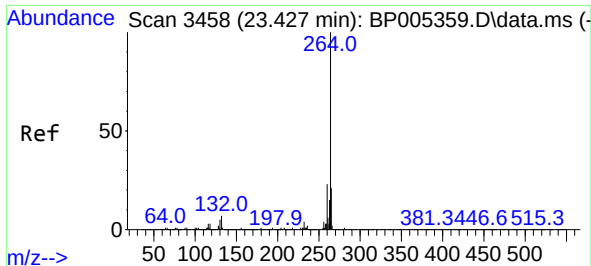
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#83
Chrysene
Concen: 18.19 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

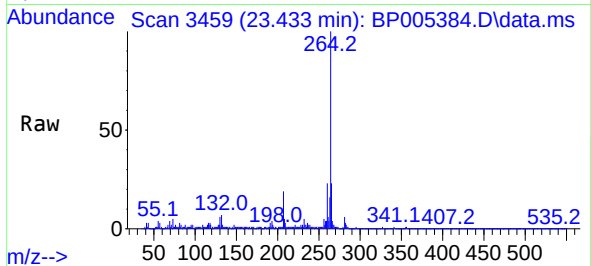
Tgt Ion:228 Resp: 292459
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 21.0 15.4 23.0





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.433 min Scan# 3459
 Delta R.T. 0.006 min
 Lab File: BP005384.D
 Acq: 22 Apr 2021 19:56

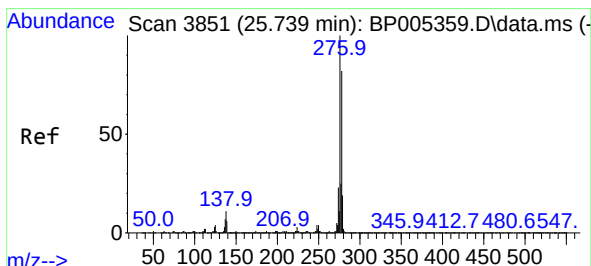
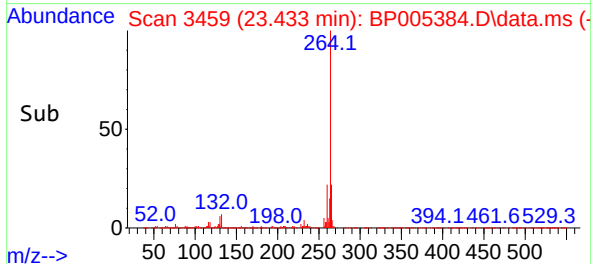
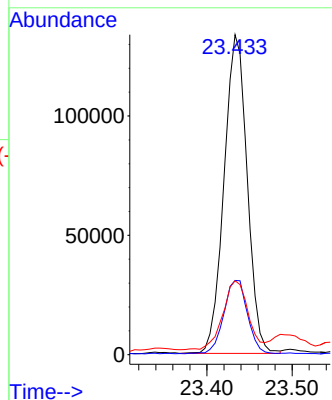
Instrument :
 BNA_P
 ClientSampled :
 S-3



Tgt Ion: 264 Resp: 251944
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.6 30.8
 265 23.1 19.0 28.6

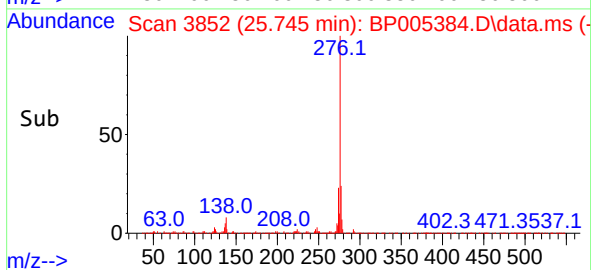
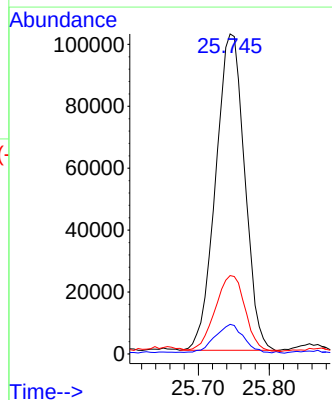
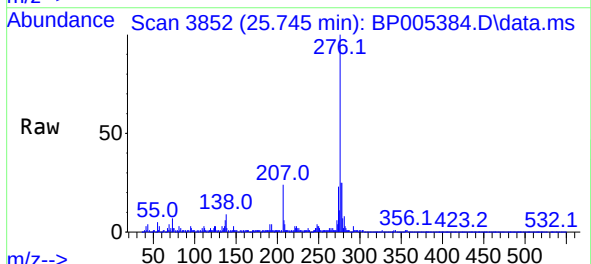
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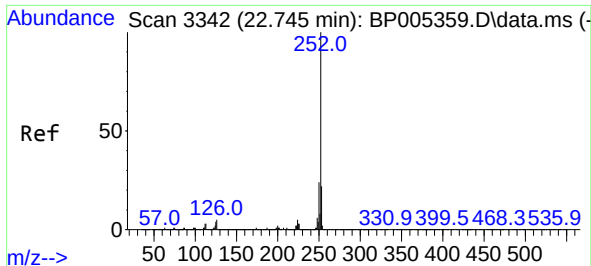
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#87
 Indeno(1,2,3-cd)pyrene
 Concen: 15.00 ng
 RT: 25.745 min Scan# 3852
 Delta R.T. 0.006 min
 Lab File: BP005384.D
 Acq: 22 Apr 2021 19:56

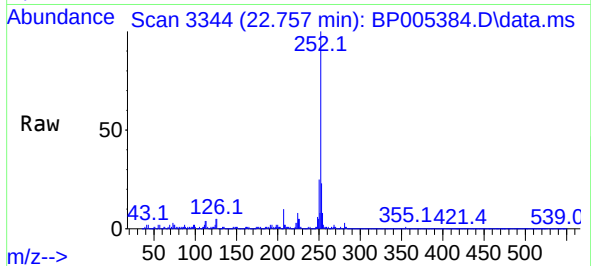
Tgt Ion: 276 Resp: 288724
 Ion Ratio Lower Upper
 276 100
 138 8.9 8.4 12.6
 277 25.0 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 32.57 ng m
RT: 22.757 min Scan# 3344
Delta R.T. 0.011 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

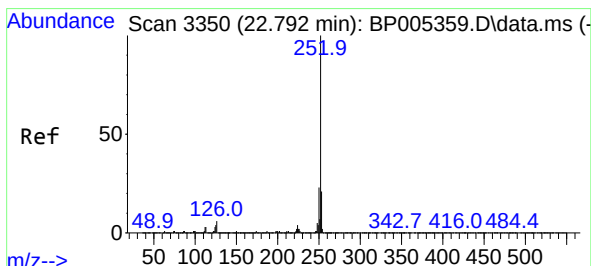
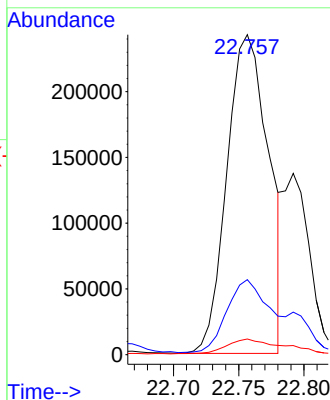
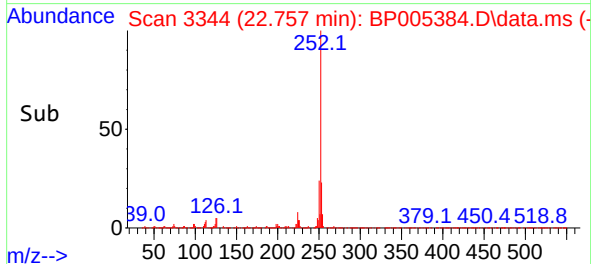
Instrument :
BNA_P
ClientSampled :
S-3



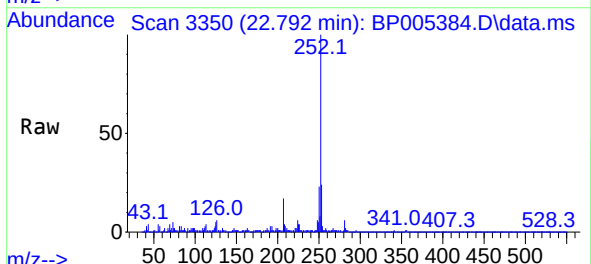
Tgt Ion:252 Resp: 540216
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 4.9 3.4 5.0

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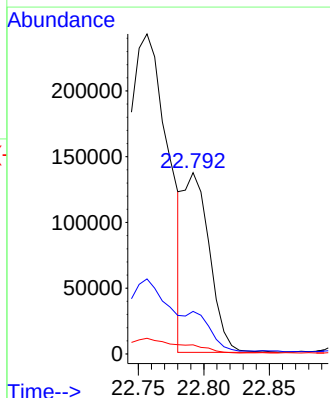
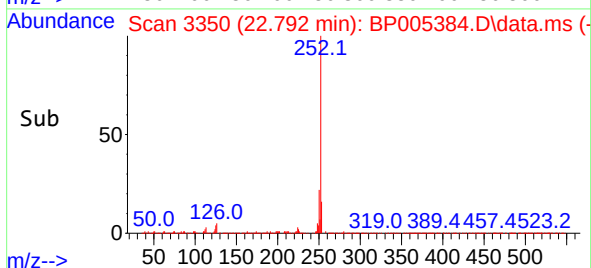
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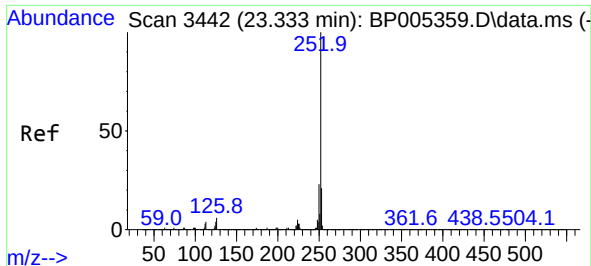


#89
Benzo(k)fluoranthene
Concen: 11.54 ng m
RT: 22.792 min Scan# 3350
Delta R.T. -0.000 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56



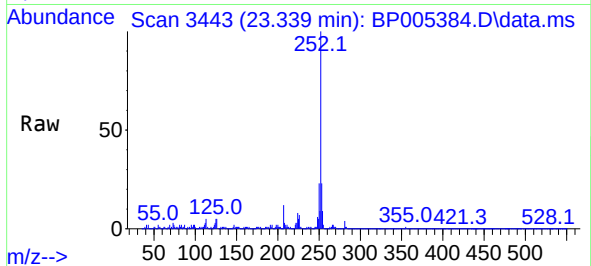
Tgt Ion:252 Resp: 187866
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 5.0 3.8 5.6





#90
Benzo(a)pyrene
Concen: 26.81 ng
RT: 23.339 min Scan# 3443
Delta R.T. 0.006 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

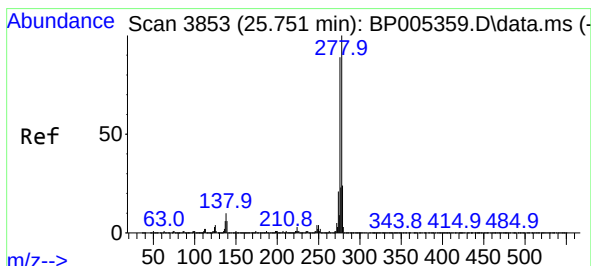
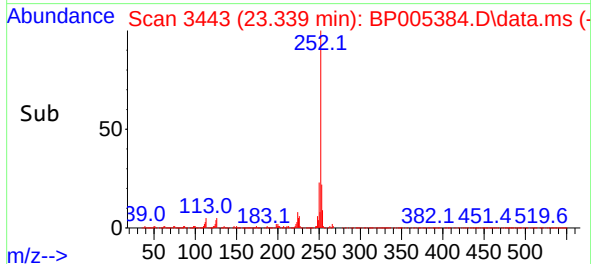
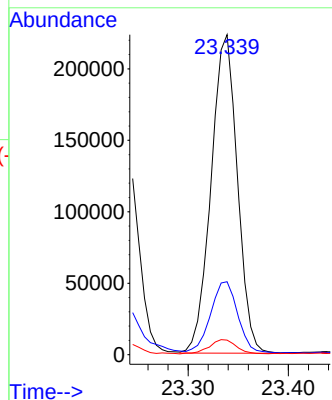
Instrument :
BNA_P
ClientSampled :
S-3



Tgt Ion:252 Resp: 405560
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 4.5 3.8 5.6

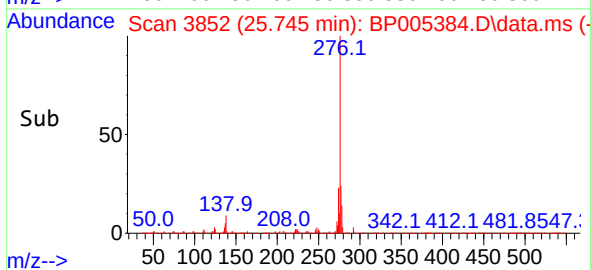
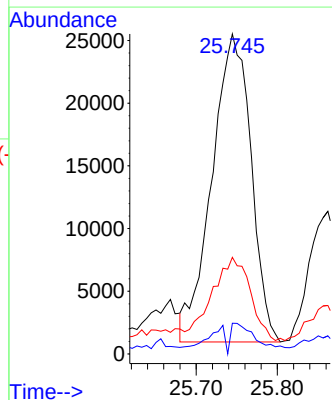
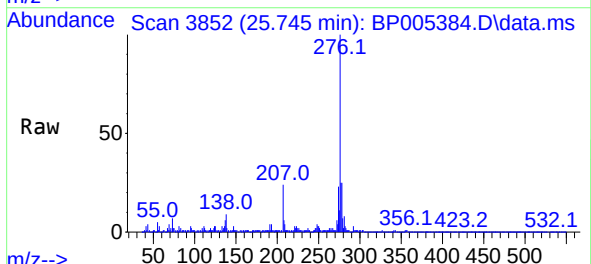
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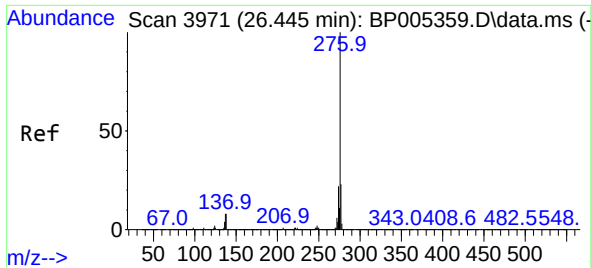
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#91
Dibenzo(a,h)anthracene
Concen: 4.94 ng
RT: 25.745 min Scan# 3852
Delta R.T. -0.006 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

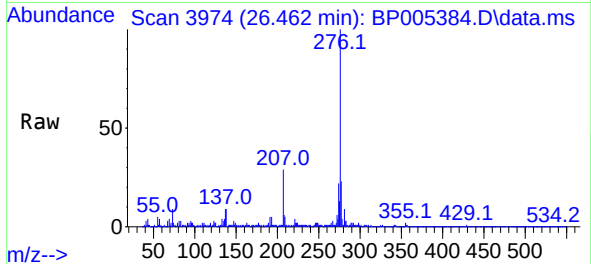
Tgt Ion:278 Resp: 82324
Ion Ratio Lower Upper
278 100
139 9.6 5.0 7.6#
279 30.2 18.6 28.0#





#92
Benzo(g,h,i)perylene
Concen: 16.62 ng
RT: 26.462 min Scan# 3974
Delta R.T. 0.017 min
Lab File: BP005384.D
Acq: 22 Apr 2021 19:56

Instrument :
BNA_P
ClientSampleId :
S-3



Tgt Ion: 276 Resp: 259468
Ion Ratio Lower Upper
276 100
277 23.3 19.8 29.8
138 8.6 7.7 11.5

Manual Integrations
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