

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082321\
 Data File : BP006835.D
 Acq On : 23 Aug 2021 17:29
 Operator : CG/JU
 Sample : M3419-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-09-0002

Manual Integrations
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mohammad
 8/24/2021 11:21:43 AM

Quant Time: Aug 23 18:10:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 11:39:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	156382	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	627900	20.000	ng	# 0.00
39) Acenaphthene-d10	14.340	164	347238	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	719586	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	745143	20.000	ng	# 0.00
86) Perylene-d12	23.539	264	812189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1089721	107.029	ng	0.00
7) Phenol-d6	6.887	99	1320539	91.305	ng	0.00
23) Nitrobenzene-d5	8.852	82	927448	68.178	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	453965	125.093	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1629386	70.205	ng	0.00
79) Terphenyl-d14	19.686	244	2377499	63.934	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.057	152	173350	5.312	ng	99
71) Phenanthrene	17.139	178	148034	3.647	ng	98
72) Anthracene	17.234	178	104456	2.663	ng	99
75) Fluoranthene	19.122	202	456999	10.031	ng	95
78) Pyrene	19.480	202	457261	9.187	ng	99
81) Benzo(a)anthracene	21.198	228	251296	5.160	ng	# 85
83) Chrysene	21.245	228	286114	6.060	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.133	149	135316	4.114	ng	98
87) Indeno(1,2,3-cd)pyrene	25.933	276	292654m	4.969	ng	
88) Benzo(b)fluoranthene	22.833	252	436353m	8.266	ng	
89) Benzo(k)fluoranthene	22.874	252	181957m	3.590	ng	
90) Benzo(a)pyrene	23.433	252	310353	6.555	ng	# 84
92) Benzo(g,h,i)perylene	26.668	276	323772	6.635	ng	# 86

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

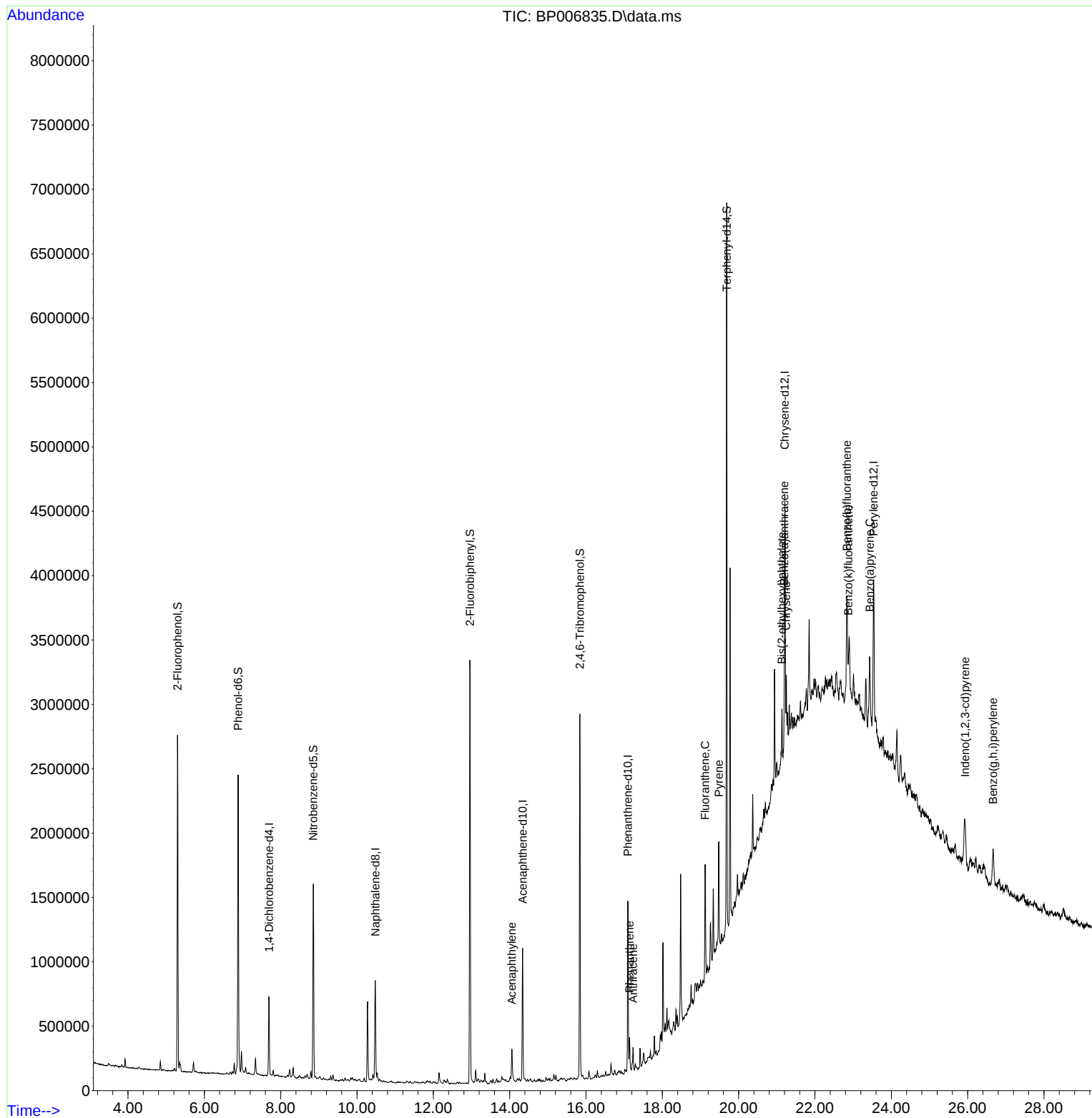
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Data File : BP006835.D
Acq On : 23 Aug 2021 17:29
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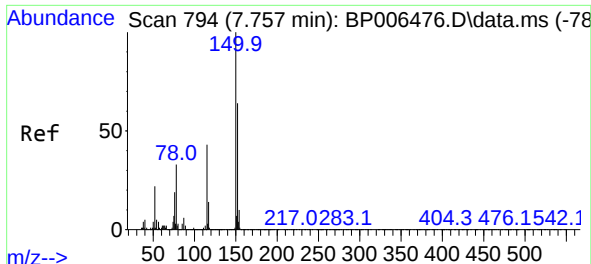
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QLast Update : Mon Aug 23 11:39:38 2021
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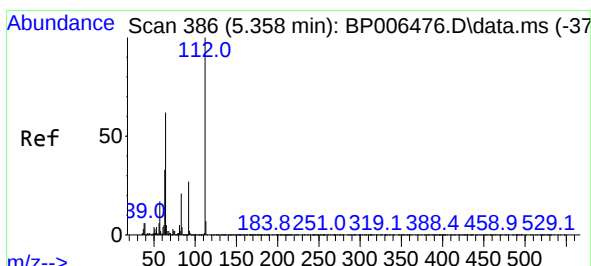
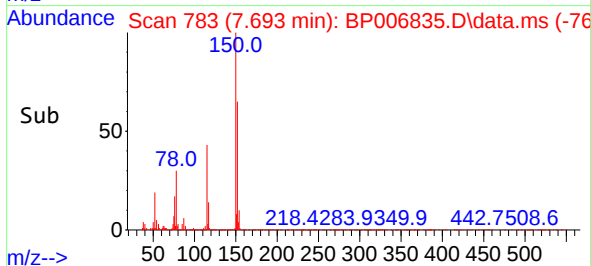
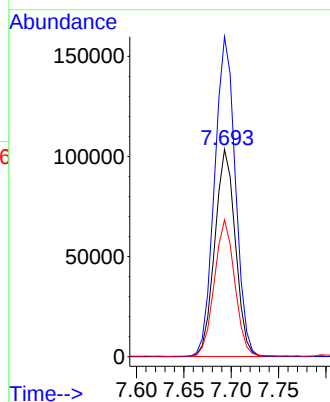
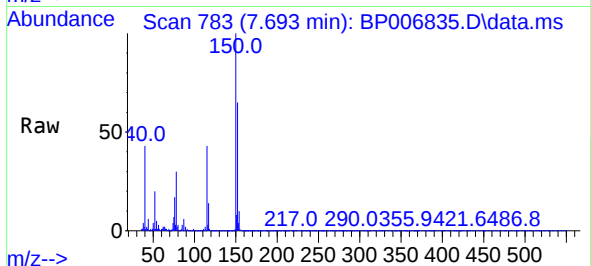
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Tgt Ion:152 Resp: 156382
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 66.0 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002

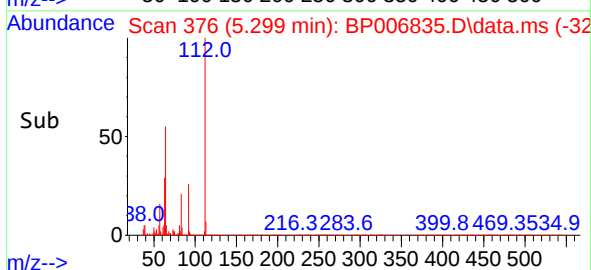
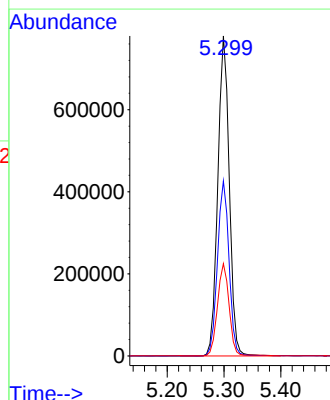
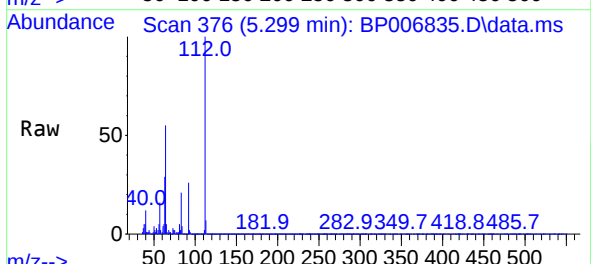
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#5
2-Fluorophenol
Concen: 107.029 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

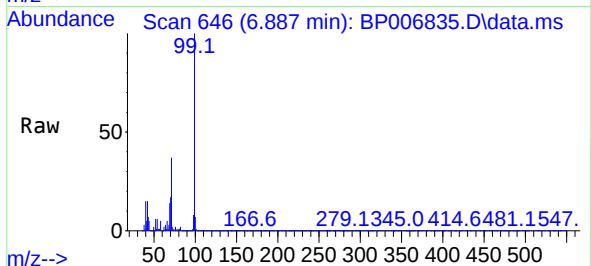
Tgt Ion:112 Resp: 1089721
Ion Ratio Lower Upper
112 100
64 54.7 41.4 62.2
63 28.9 23.8 35.8





#7
Phenol-d6
Concen: 91.305 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

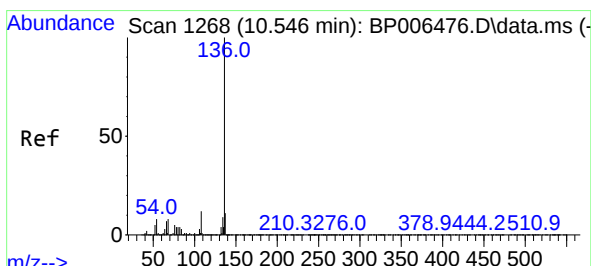
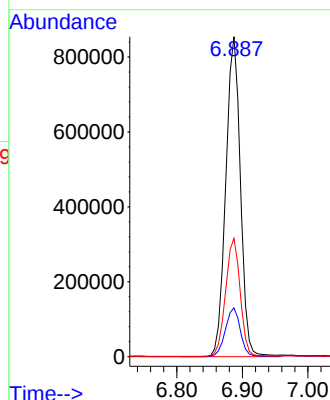
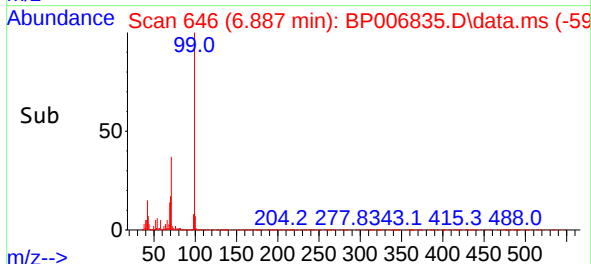
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BNA_P
ClientSampleId :
SWCS-09-0002



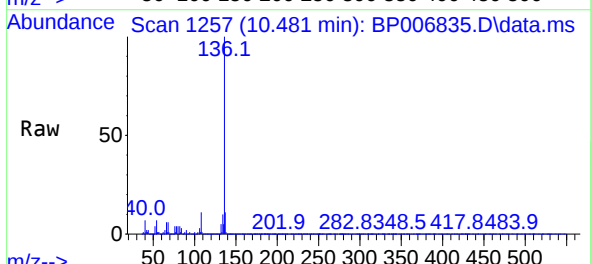
Tgt Ion: 99 Resp: 1320539
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.0
71 37.0 30.6 46.0

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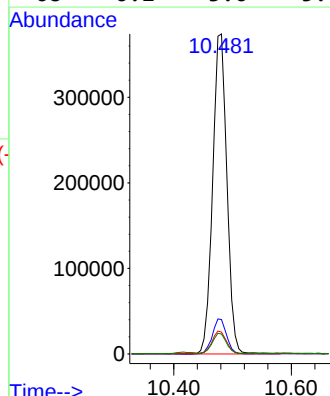
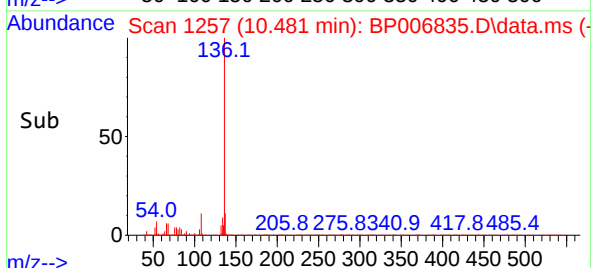
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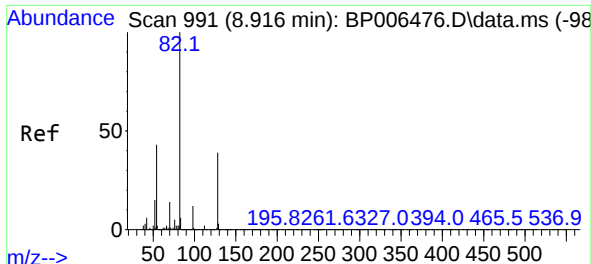


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29



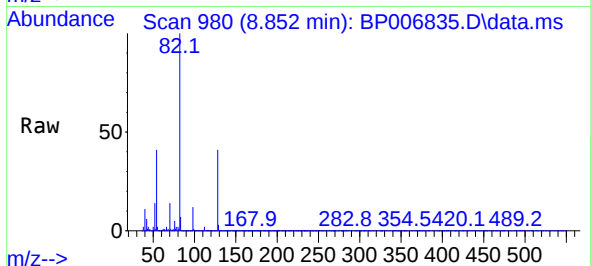
Tgt Ion: 136 Resp: 627900
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.9 4.6 6.8#
68 6.2 3.6 5.4#





#23
Nitrobenzene-d5
Concen: 68.178 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

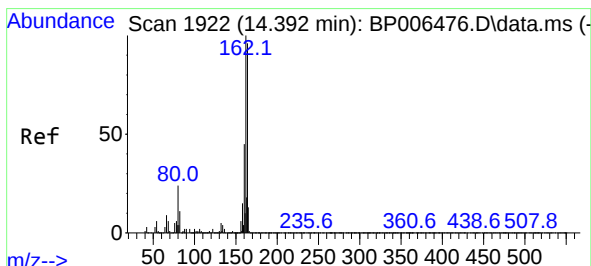
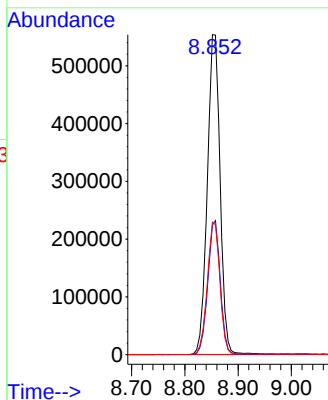
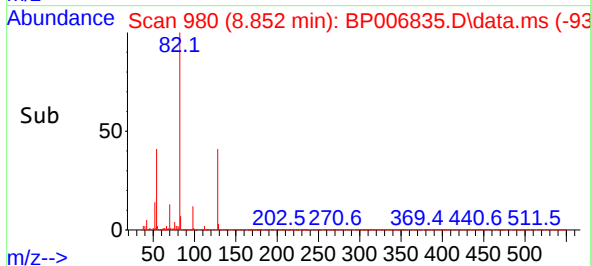
Instrument :
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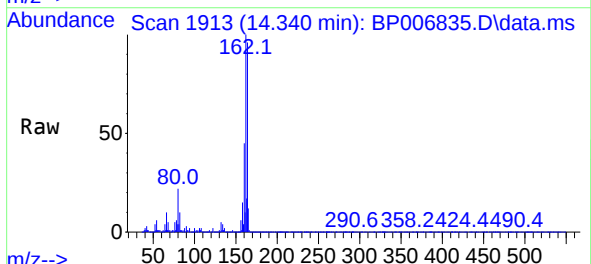
Tgt Ion: 82 Resp: 927448
Ion Ratio Lower Upper
82 100
128 40.6 35.7 53.5
54 41.4 35.0 52.4

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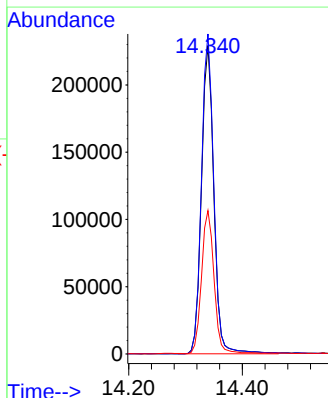
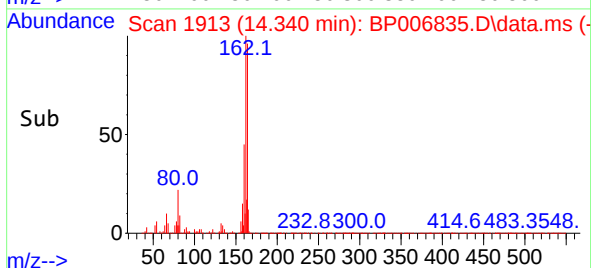
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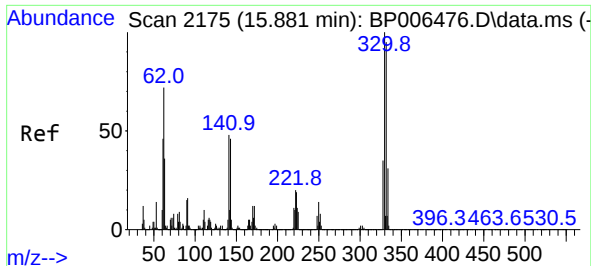


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29



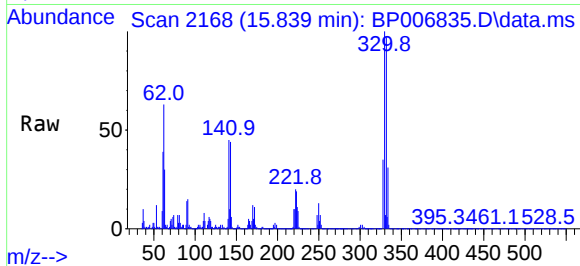
Tgt Ion: 164 Resp: 347238
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 46.5 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 125.093 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

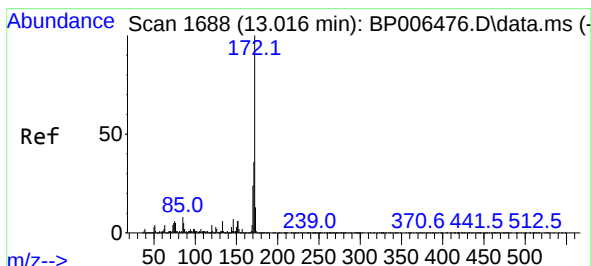
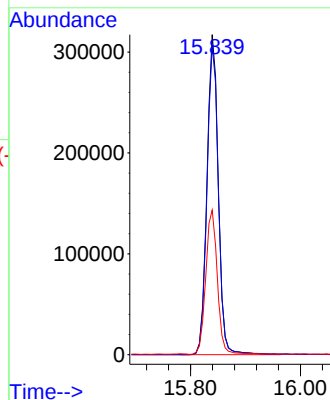
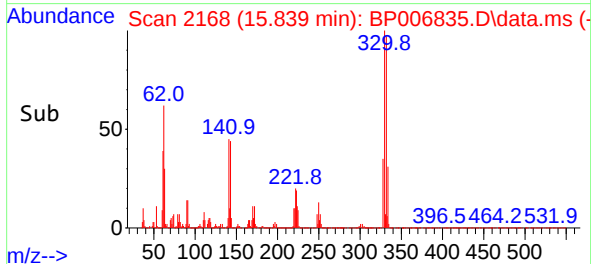
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ClientSampleId :
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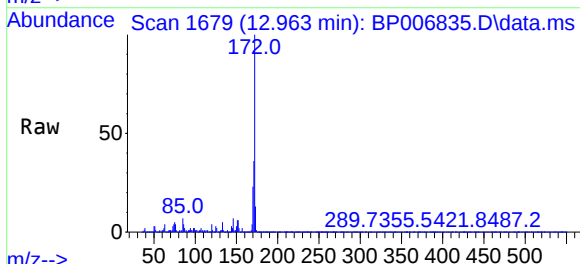
Tgt Ion:330 Resp: 453965
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 46.1 25.4 38.2#

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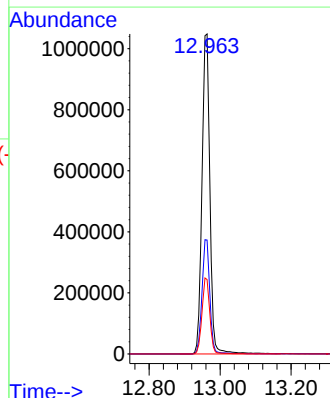
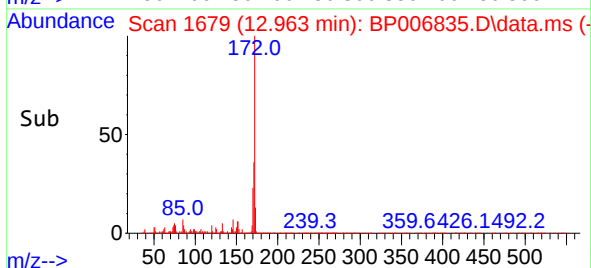
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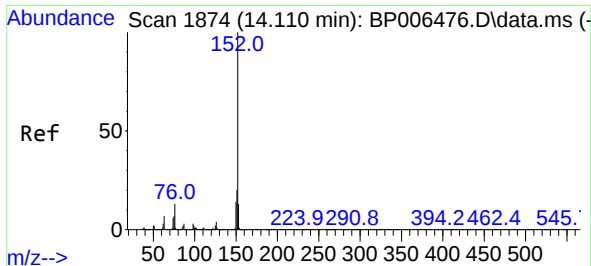


#45
2-Fluorobiphenyl
Concen: 70.205 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29



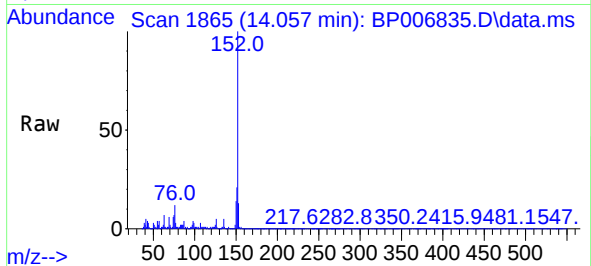
Tgt Ion:172 Resp: 1629386
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.2 18.6 27.8





#49
Acenaphthylene
Concen: 5.312 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

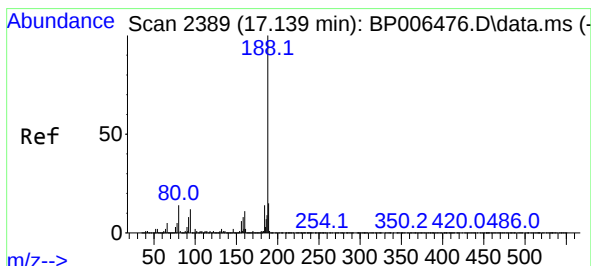
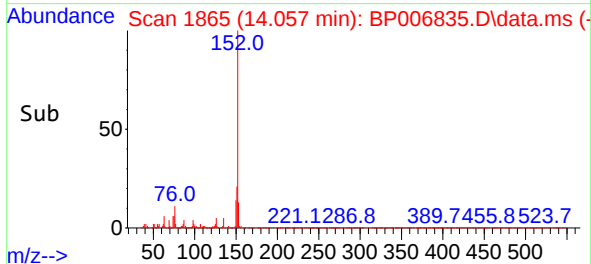
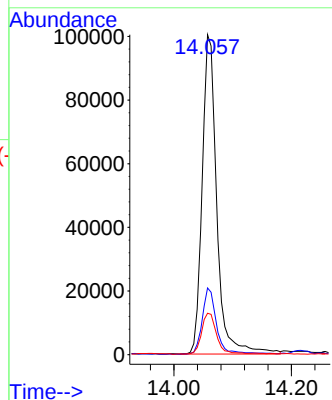
Instrument :
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ClientSampleId :
SWCS-09-0002



Tgt Ion:152 Resp: 173350
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 12.9 10.6 16.0

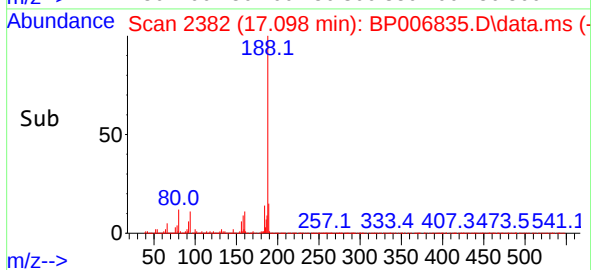
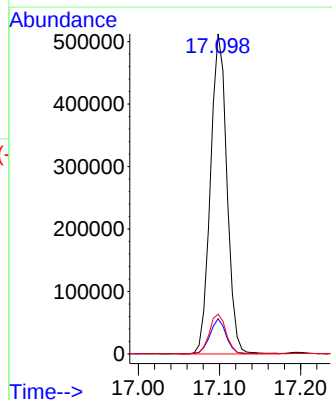
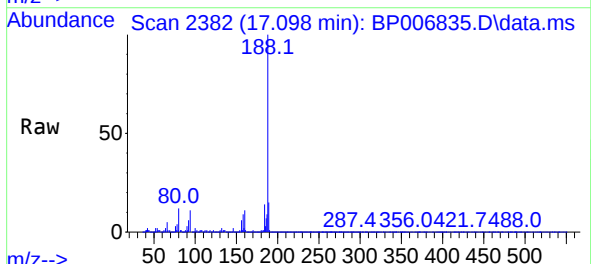
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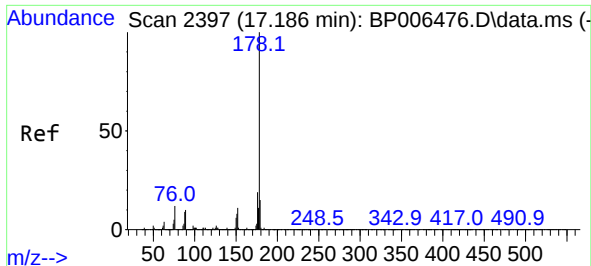
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

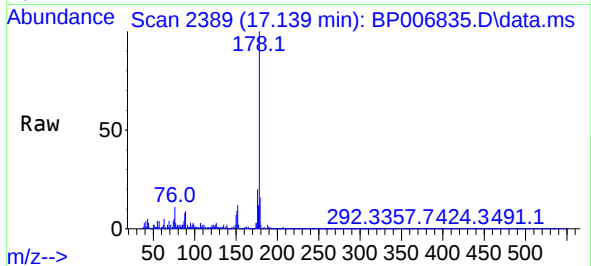
Tgt Ion:188 Resp: 719586
Ion Ratio Lower Upper
188 100
94 11.0 5.6 8.4#
80 12.4 6.3 9.5#





#71
Phenanthrene
Concen: 3.647 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

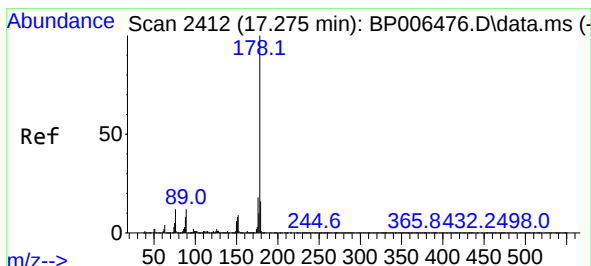
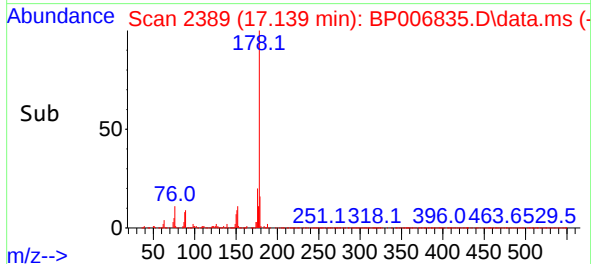
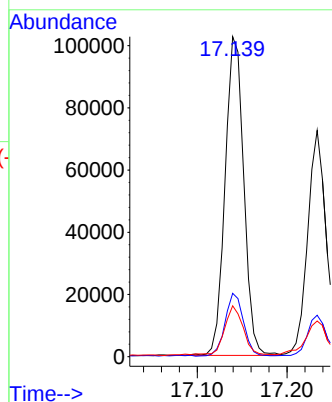
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 148034
Ion Ratio Lower Upper
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176 19.8 15.1 22.7
179 15.9 12.4 18.6

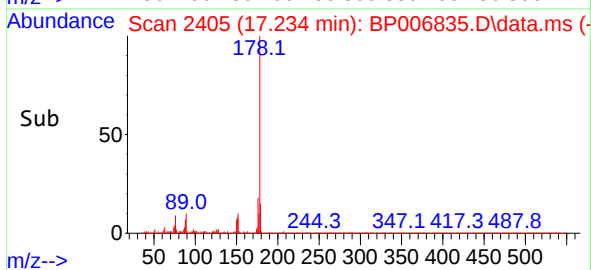
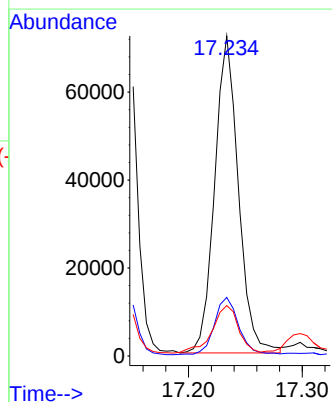
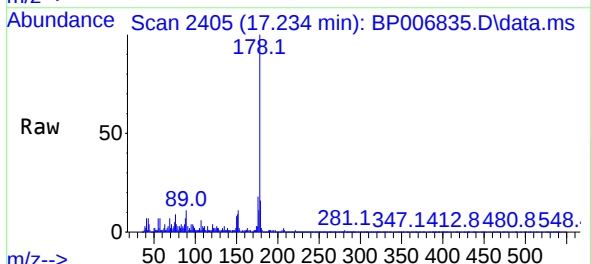
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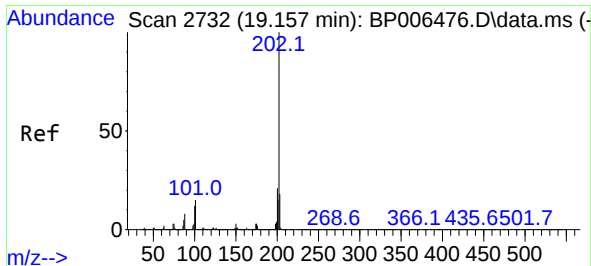
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#72
Anthracene
Concen: 2.663 ng
RT: 17.234 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

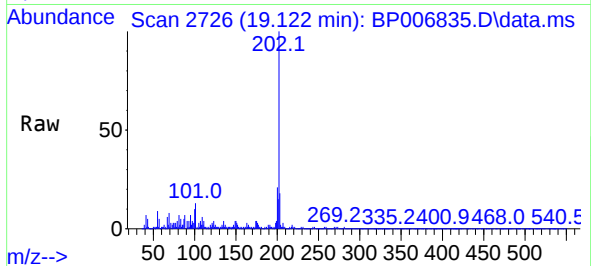
Tgt Ion:178 Resp: 104456
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.8 12.2 18.2





#75
Fluoranthene
Concen: 10.031 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

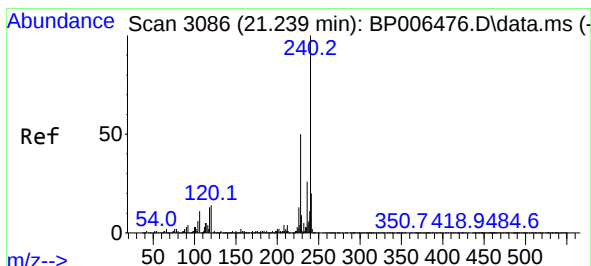
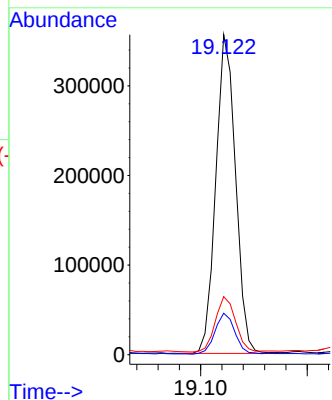
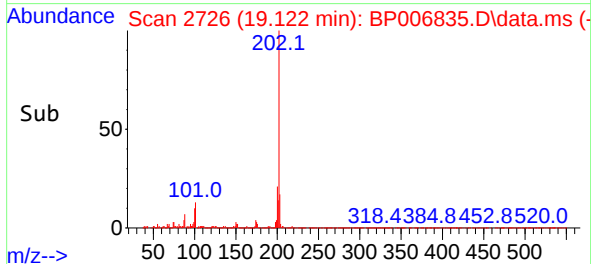
Instrument :
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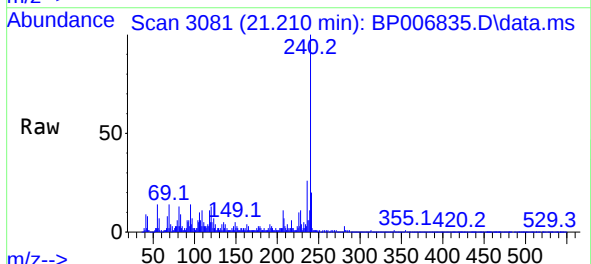
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Ion Ratio Lower Upper
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101 12.9 0.0 27.6
203 18.1 0.0 37.8

Manual Integrations
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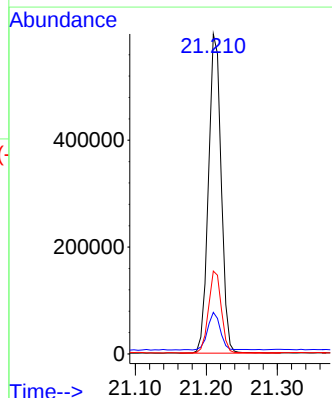
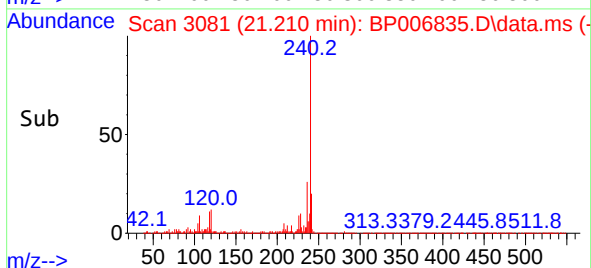
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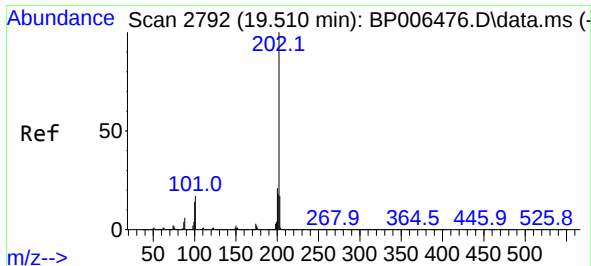


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29



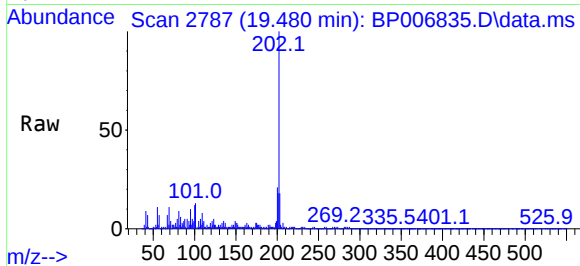
Tgt Ion:240 Resp: 745143
Ion Ratio Lower Upper
240 100
120 13.0 6.5 9.7#
236 25.9 20.6 31.0





#78
Pyrene
Concen: 9.187 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

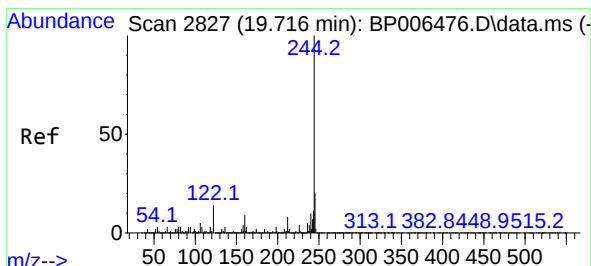
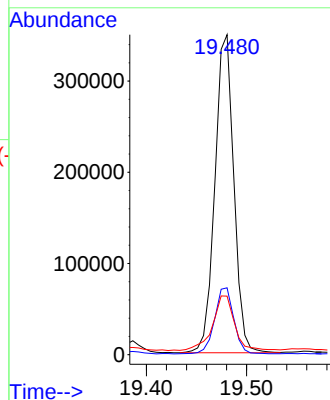
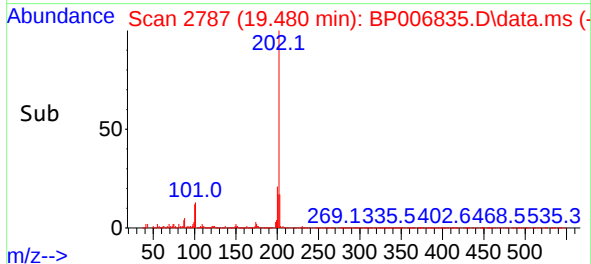
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002



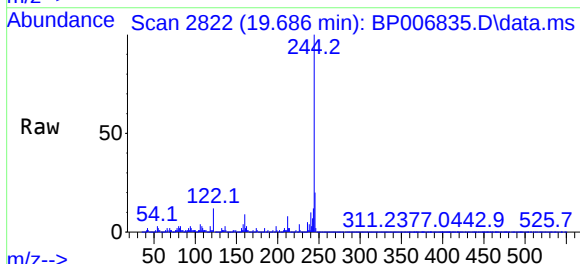
Tgt Ion:202 Resp: 457261
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 18.3 14.2 21.2

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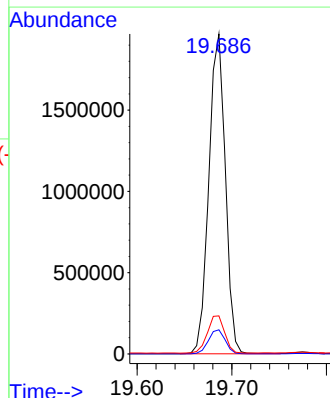
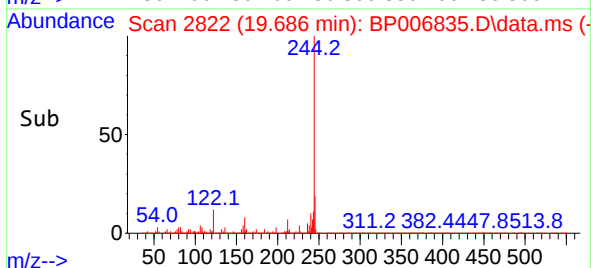
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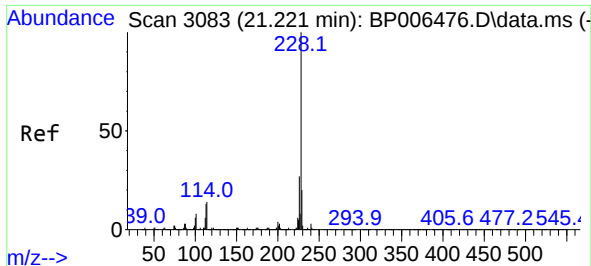


#79
Terphenyl-d14
Concen: 63.934 ng
RT: 19.686 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29



Tgt Ion:244 Resp: 2377499
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.9 7.1 10.7#





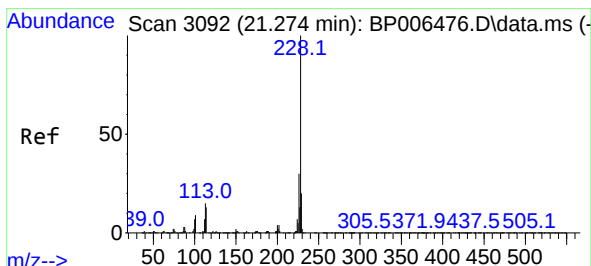
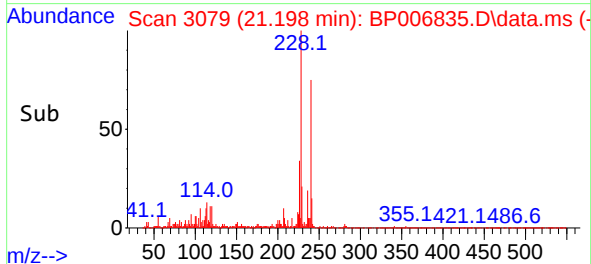
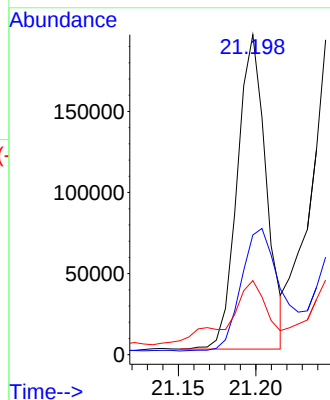
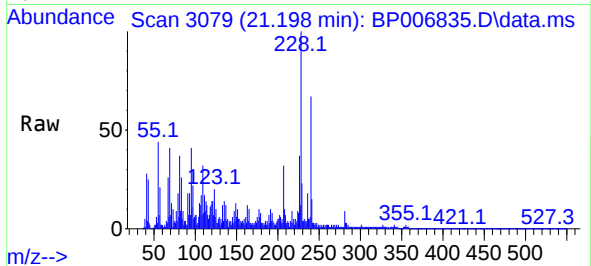
#81
Benzo(a)anthracene
Concen: 5.160 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Tgt Ion:228 Resp: 251296
Ion Ratio Lower Upper
228 100
226 37.4 21.6 32.4#
229 23.2 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
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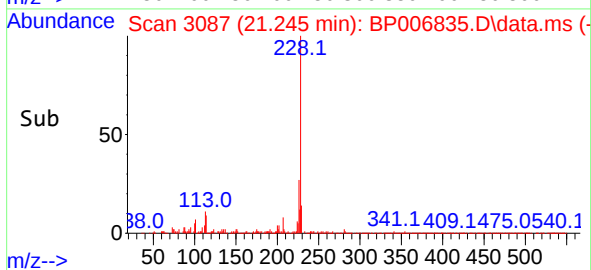
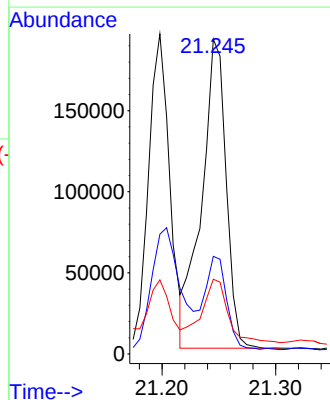
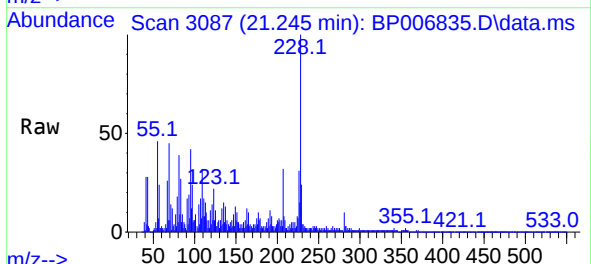
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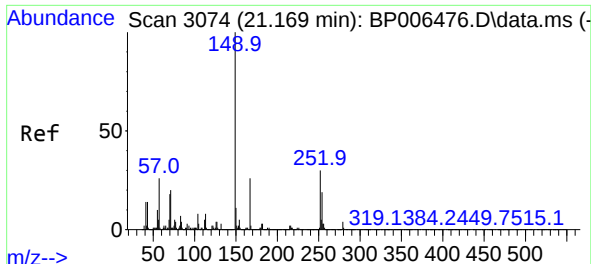
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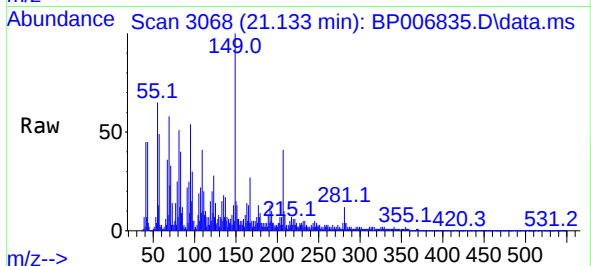
#83
Chrysene
Concen: 6.060 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Tgt Ion:228 Resp: 286114
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.6
229 23.7 15.4 23.2#

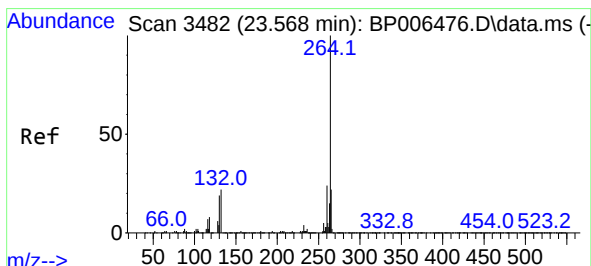
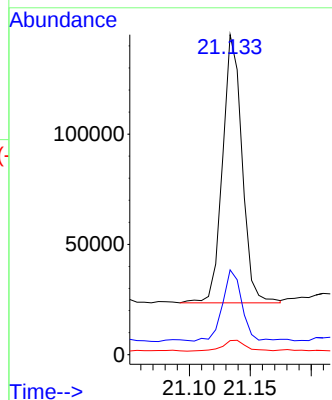
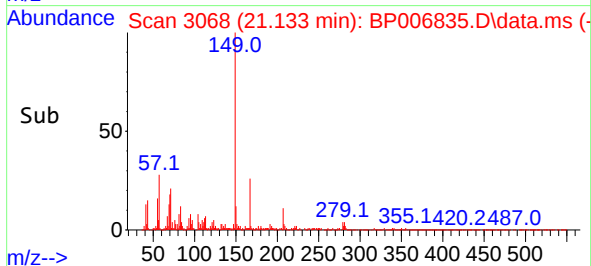




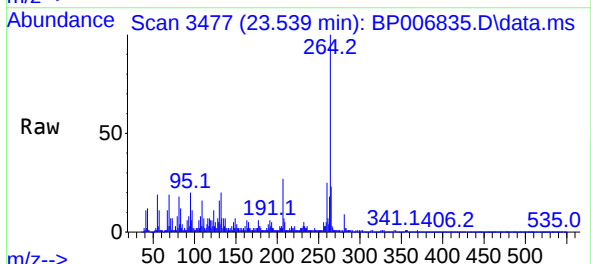
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.114 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29



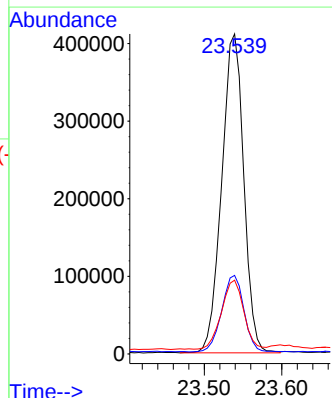
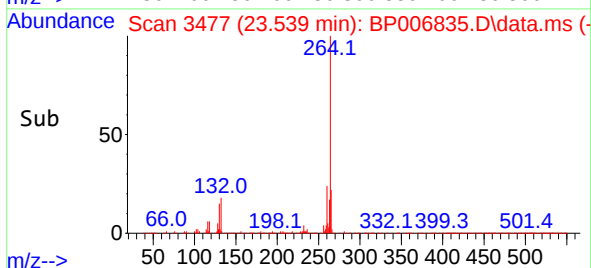
Tgt Ion:149 Resp: 135316
Ion Ratio Lower Upper
149 100
167 26.5 21.9 32.9
279 4.4 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.539 min Scan# 3477
Delta R.T. 0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29



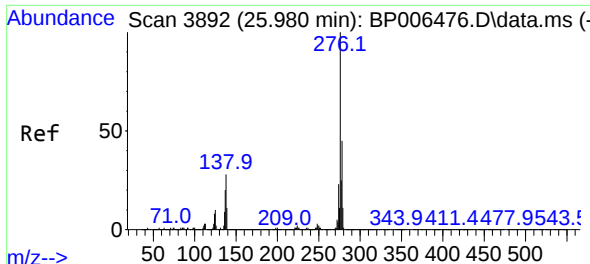
Tgt Ion:264 Resp: 812189
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 23.1 17.6 26.4



Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002

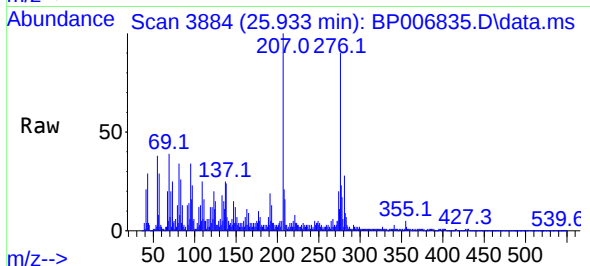
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.969 ng m
RT: 25.933 min Scan# 3884
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

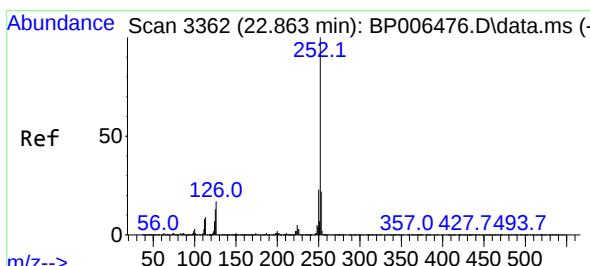
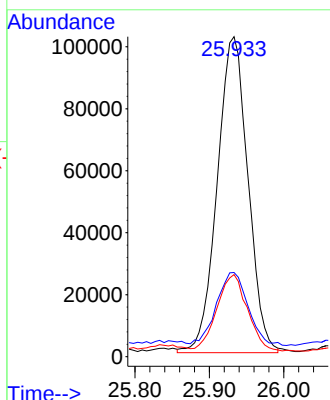
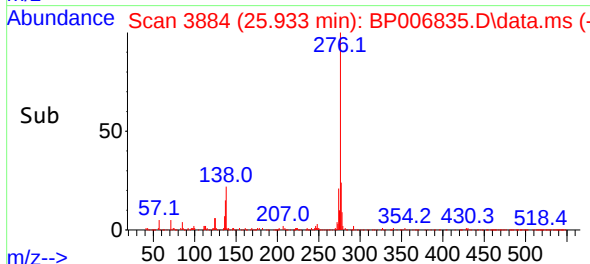
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002



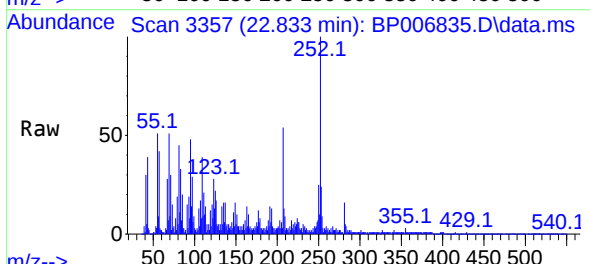
Tgt Ion: 276 Resp: 292654
Ion Ratio Lower Upper
276 100
138 2.3 15.3 22.9#
277 2.7 20.4 30.6#

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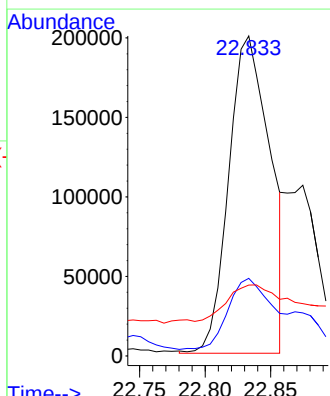
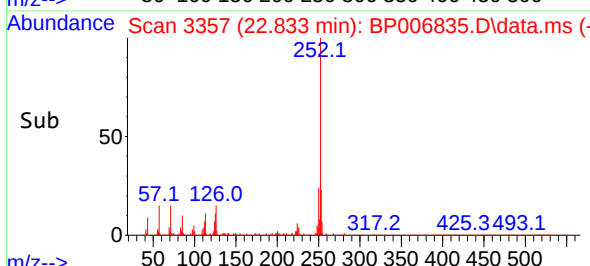
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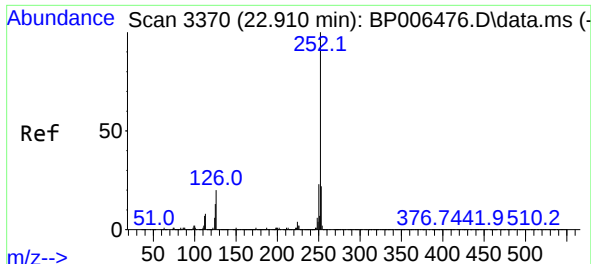


#88
Benzo(b)fluoranthene
Concen: 8.266 ng m
RT: 22.833 min Scan# 3357
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29



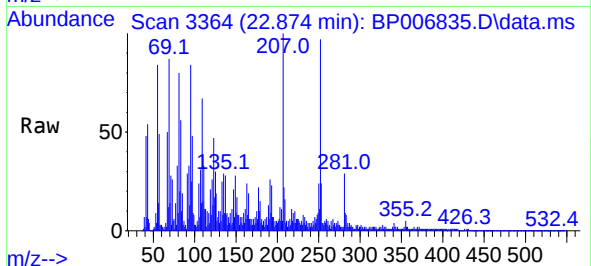
Tgt Ion: 252 Resp: 436353
Ion Ratio Lower Upper
252 100
253 24.2 17.5 26.3
125 22.2 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 3.590 ng m
RT: 22.874 min Scan# 3364
Delta R.T. -0.006 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

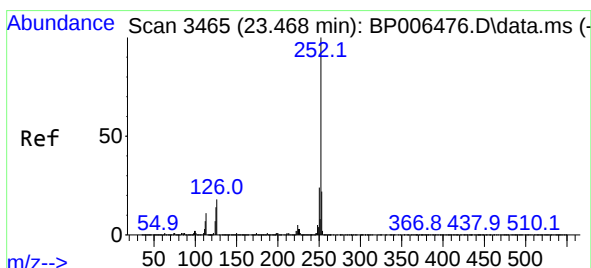
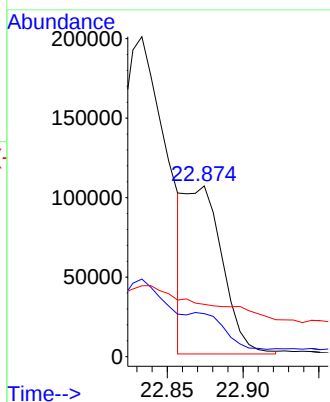
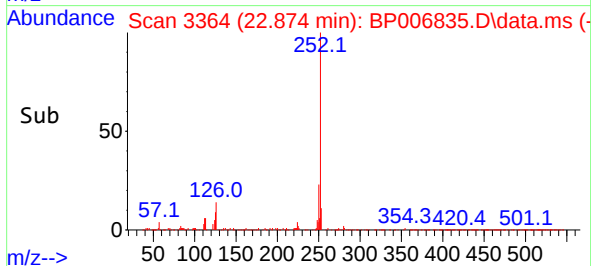
Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002



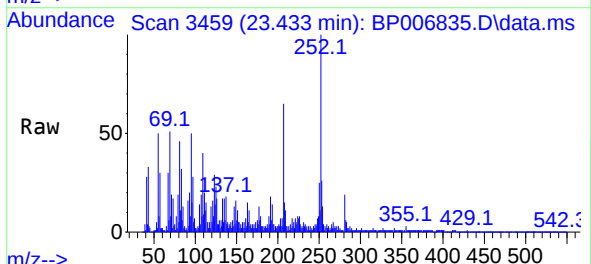
Tgt Ion:252 Resp: 181957
Ion Ratio Lower Upper
252 100
253 25.2 17.6 26.4
125 30.7 6.0 9.0#

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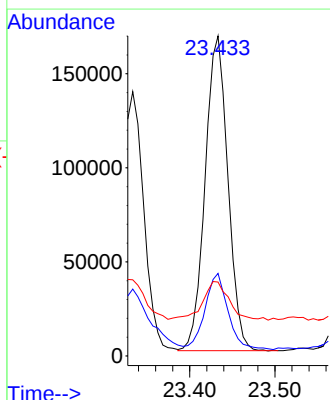
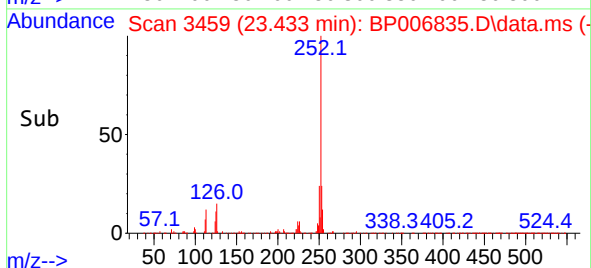
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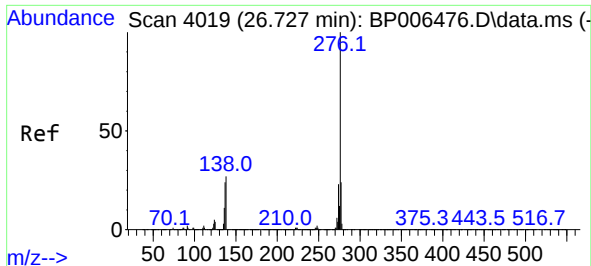


#90
Benzo(a)pyrene
Concen: 6.555 ng
RT: 23.433 min Scan# 3459
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29



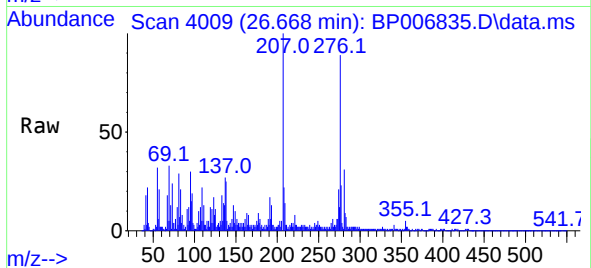
Tgt Ion:252 Resp: 310353
Ion Ratio Lower Upper
252 100
253 25.8 17.9 26.9
125 23.1 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 6.635 ng
RT: 26.668 min Scan# 4009
Delta R.T. -0.000 min
Lab File: BP006835.D
Acq: 23 Aug 2021 17:29

Instrument :
BNA_P
ClientSampleId :
SWCS-09-0002



Tgt Ion: 276 Resp: 323772
Ion Ratio Lower Upper
276 100
277 25.4 18.9 28.3
138 28.4 12.6 18.8#

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