

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
 Data File : BP003348.D
 Acq On : 22 Sep 2020 20:19
 Operator : CG/JU
 Sample : L3872-07 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092120

Manual Integrations
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mohammad
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Quant Time: Sep 23 03:34:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	209535	20.00	ng	0.00
21) Naphthalene-d8	10.346	136	844006	20.00	ng	# 0.00
39) Acenaphthene-d10	14.222	164	505824	20.00	ng	0.00
64) Phenanthrene-d10	16.975	188	1007558	20.00	ng	# 0.00
76) Chrysene-d12	21.080	240	680720	20.00	ng	0.01
86) Perylene-d12	23.280	264	714142	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	592021	49.34	ng	0.00
7) Phenol-d6	6.769	99	761910	47.63	ng	0.00
23) Nitrobenzene-d5	8.722	82	493511	34.35	ng	0.00
42) 2,4,6-Tribromophenol	15.722	330	288838	37.44	ng	0.00
45) 2-Fluorobiphenyl	12.840	172	1149376	33.23	ng	0.00
79) Terphenyl-d14	19.557	244	1289291	39.46	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.940	152	382174	8.01	ng	99
50) Dimethylphthalate	13.681	163	131737	3.26	ng	99
52) Acenaphthene	14.287	154	106023	3.65	ng	98
55) Dibenzofuran	14.622	168	100832	2.17	ng	95
58) Fluorene	15.275	166	136878	3.74	ng	99
71) Phenanthrene	17.022	178	2068280	37.73	ng	99
72) Anthracene	17.110	178	921026	17.05	ng	100
73) Carbazole	17.381	167	132111	2.57	ng	98
75) Fluoranthene	19.010	202	5652888	82.01	ng	98
78) Pyrene	19.363	202	5025888	118.39	ng	98
81) Benzo(a)anthracene	21.063	228	2968898	67.47	ng	97
83) Chrysene	21.116	228	2728412	64.54	ng	97
87) Indeno(1,2,3-cd)pyrene	25.521	276	2245203	41.48	ng	# 94
88) Benzo(b)fluoranthene	22.627	252	4005556m	88.82	ng	
89) Benzo(k)fluoranthene	22.663	252	1422925m	32.92	ng	
90) Benzo(a)pyrene	23.192	252	2999007	70.52	ng	97
91) Dibenzo(a,h)anthracene	25.521	278	577891m	12.94	ng	
92) Benzo(g,h,i)perylene	26.210	276	2141889	48.03	ng	97

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

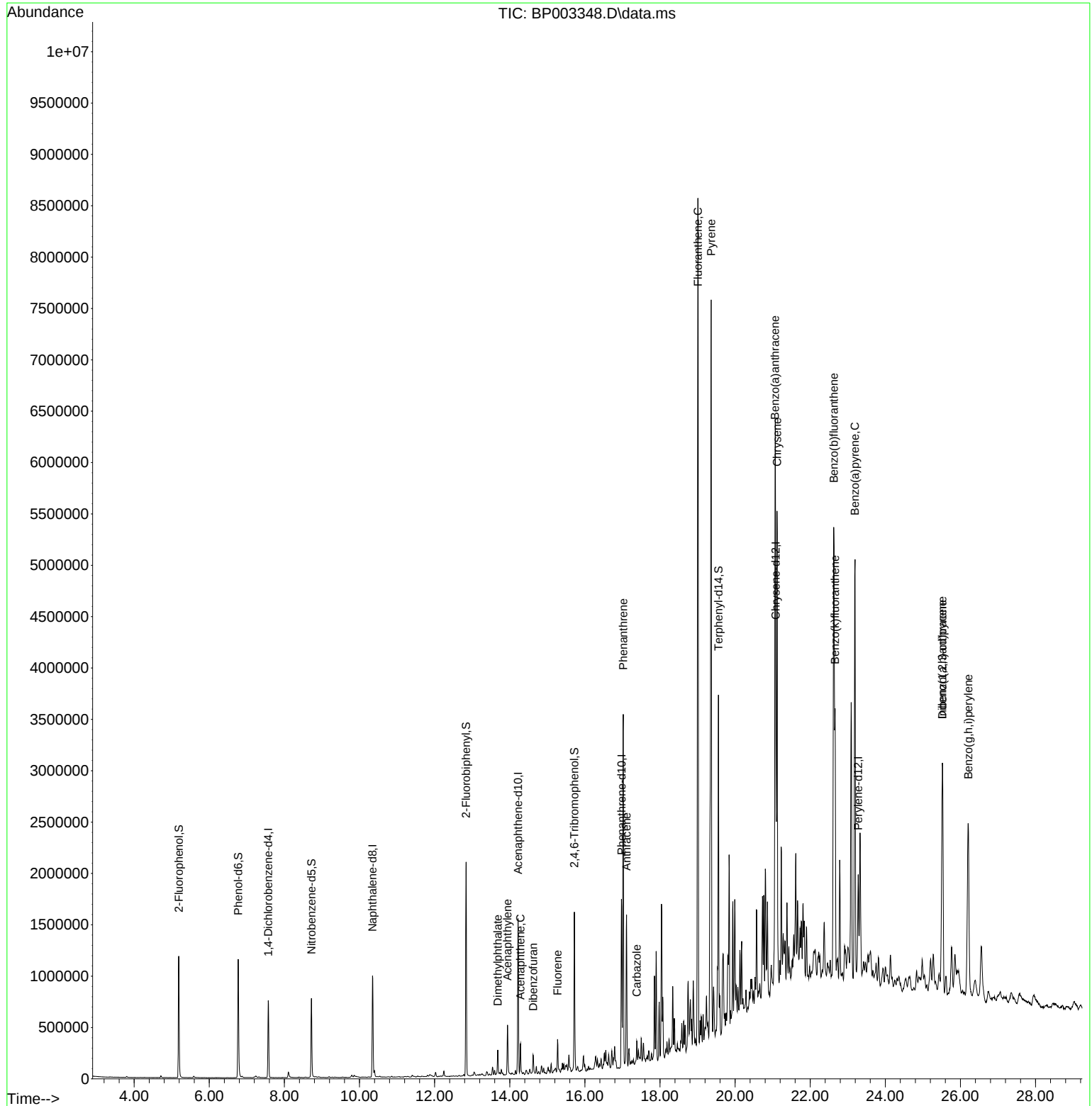
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
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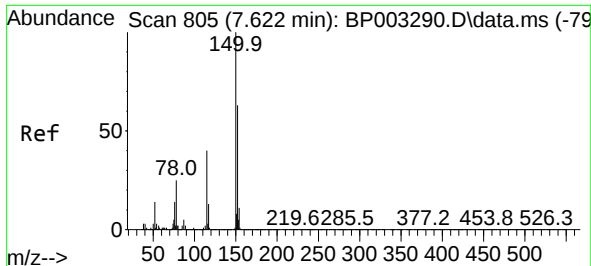
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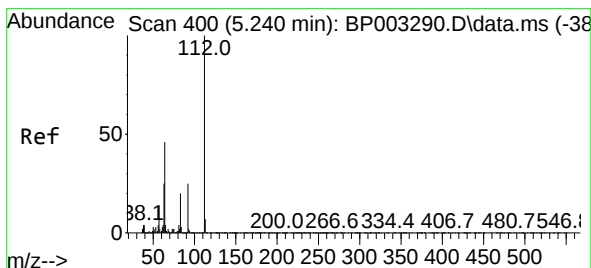
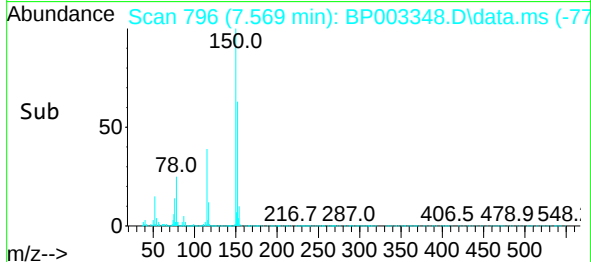
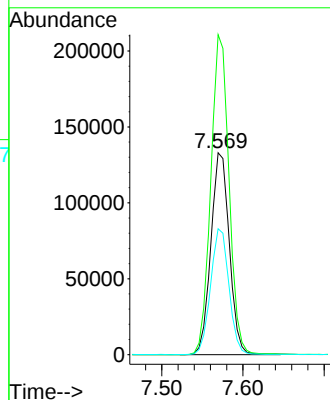
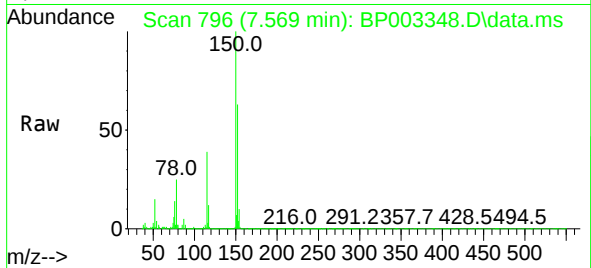
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.569 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.8	185.6
115	62.3	43.8	65.6

Instrument :
BNA_P
ClientSampled :
BU-02-092120

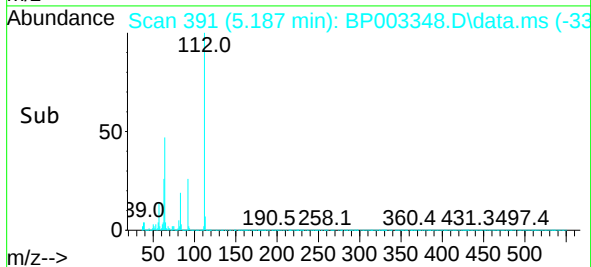
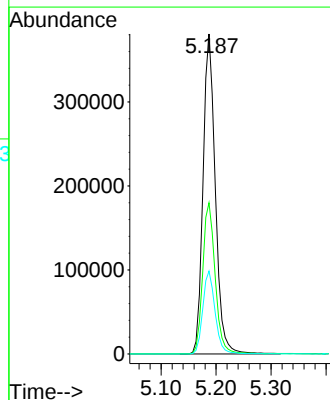
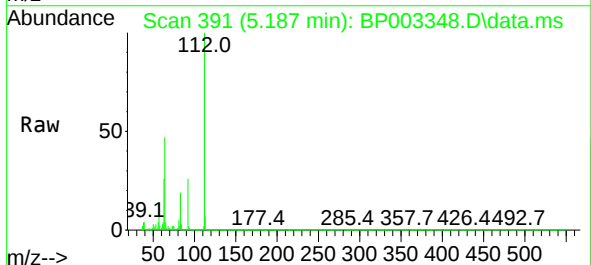
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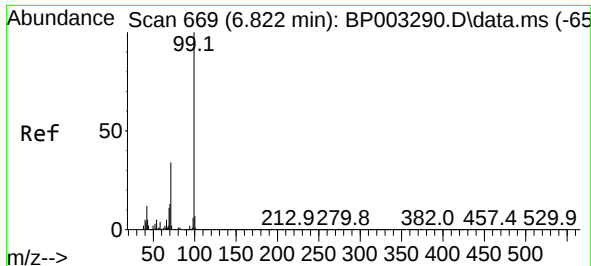
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#5
2-Fluorophenol
Concen: 49.34 ng
RT: 5.187 min Scan# 391
Delta R.T. 0.006 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

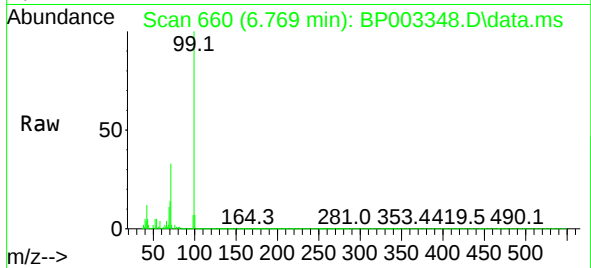
Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.2	32.8	49.2
63	25.9	17.0	25.4





#7
Phenol-d6
Concen: 47.63 ng
RT: 6.769 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

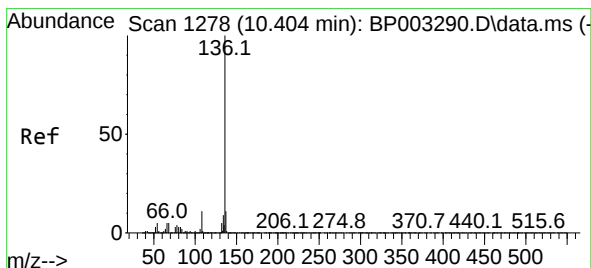
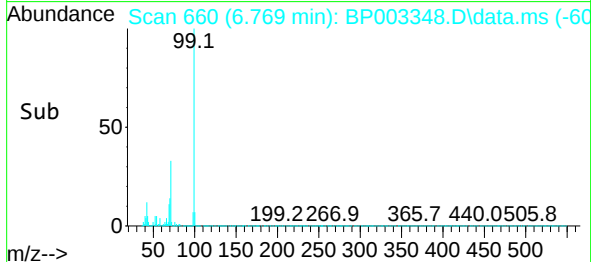
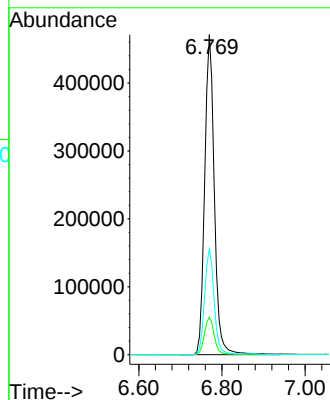
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 761910
Ion Ratio Lower Upper
99 100
42 11.8 8.6 13.0
71 33.0 23.4 35.2

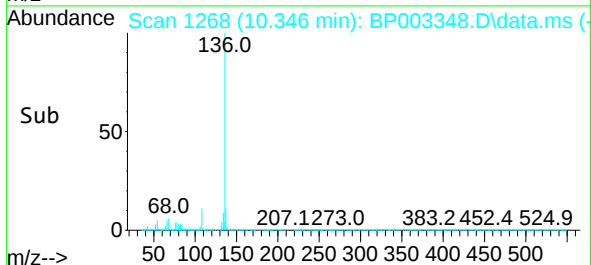
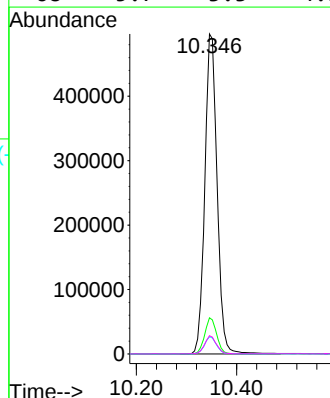
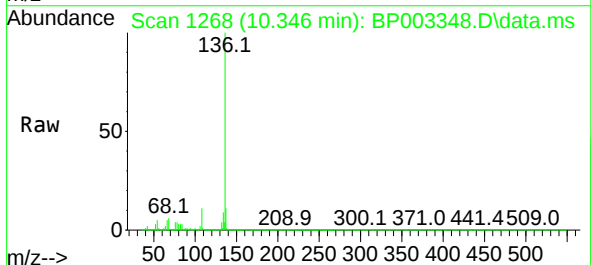
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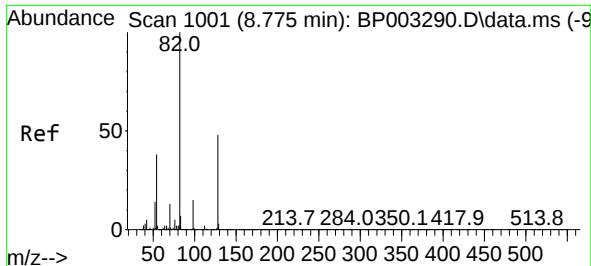
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.346 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion: 136 Resp: 844006
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 5.4 3.6 5.4
68 5.7 3.3 4.9#





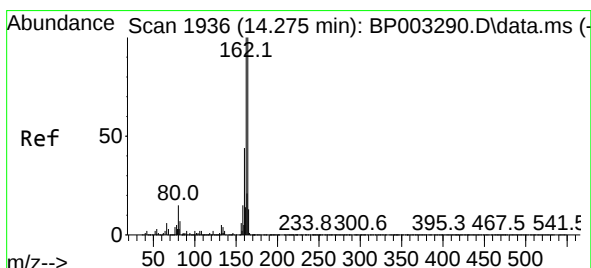
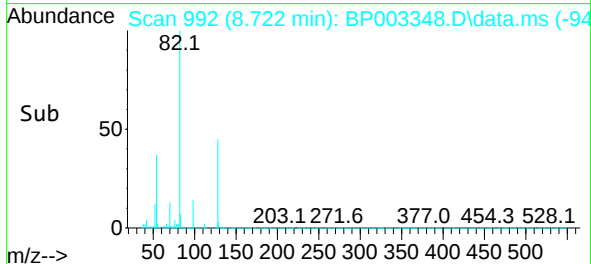
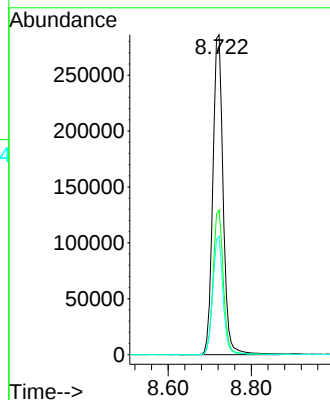
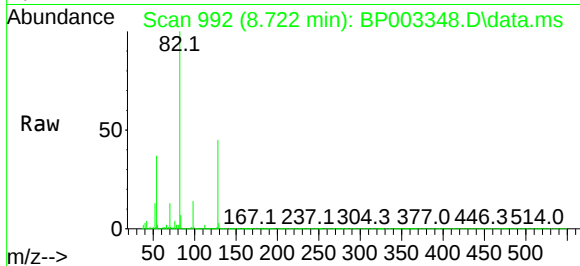
#23
Nitrobenzene-d5
Concen: 34.35 ng
RT: 8.722 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion: 82 Resp: 493511
Ion Ratio Lower Upper
82 100
128 45.2 45.6 68.4#
54 37.0 30.1 45.1

Instrument :
BNA_P
ClientSampleId :
BU-02-092120

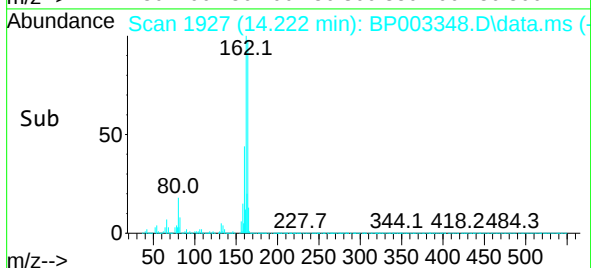
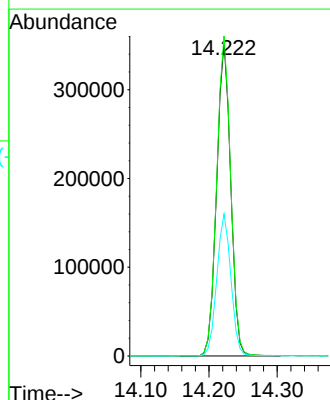
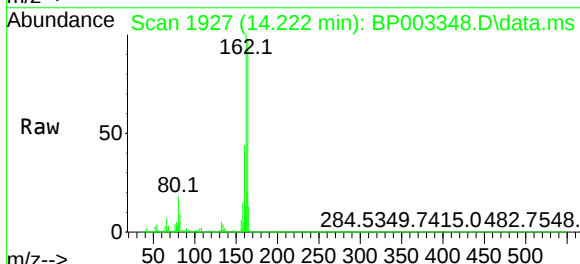
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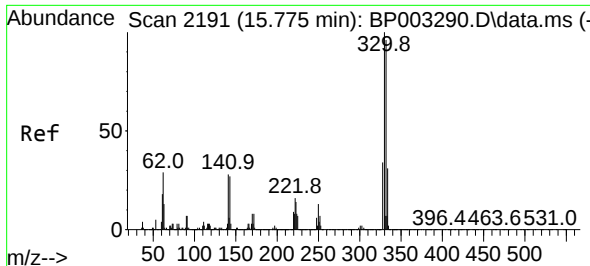
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.222 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion: 164 Resp: 505824
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.2
160 45.2 36.1 54.1





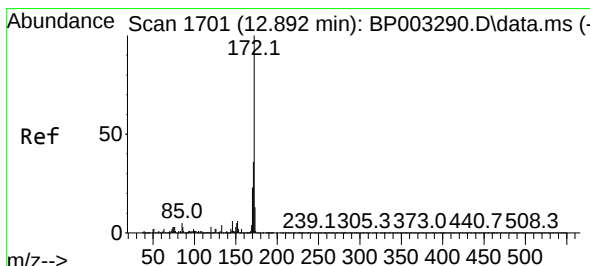
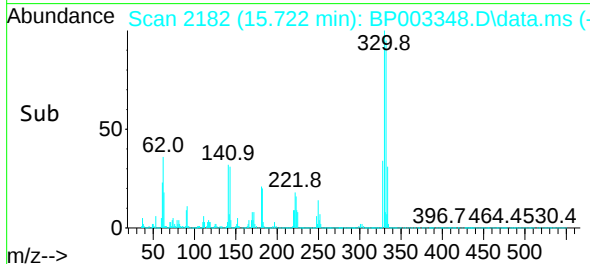
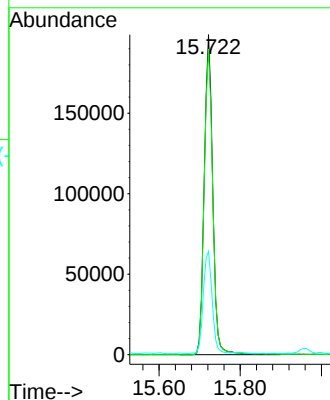
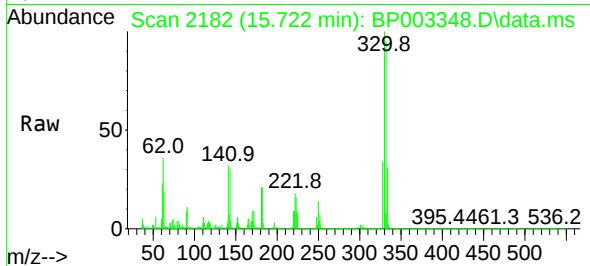
#42
2,4,6-Tribromophenol
Concen: 37.44 ng
RT: 15.722 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion: 330 Resp: 288838
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 33.3 23.4 35.2

Instrument :
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ClientSampleId :
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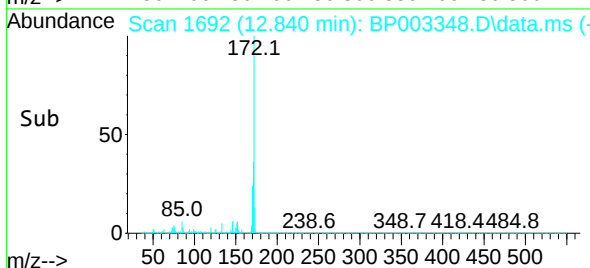
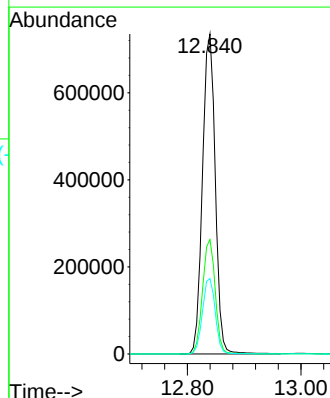
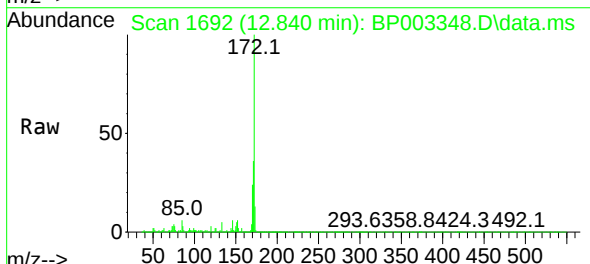
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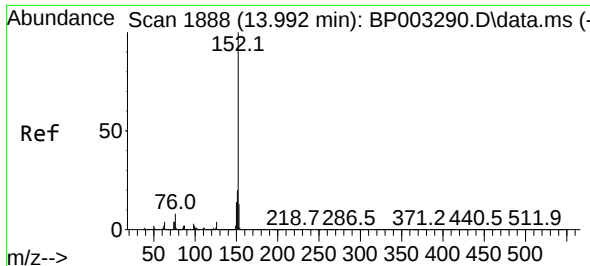
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#45
2-Fluorobiphenyl
Concen: 33.23 ng
RT: 12.840 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion: 172 Resp: 1149376
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.5 19.2 28.8





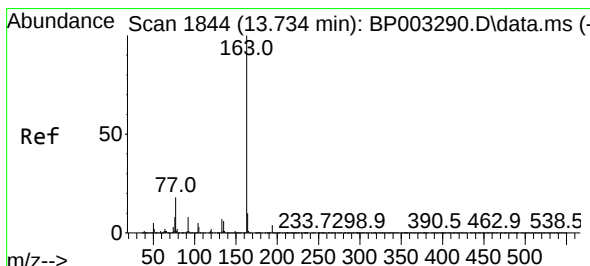
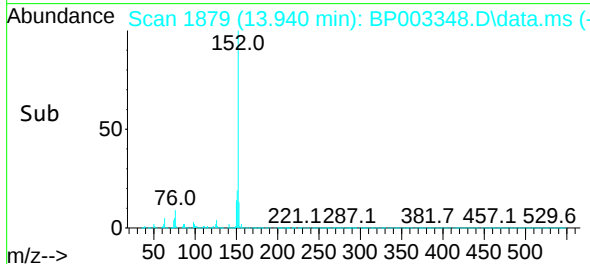
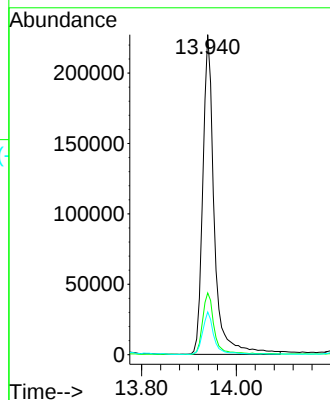
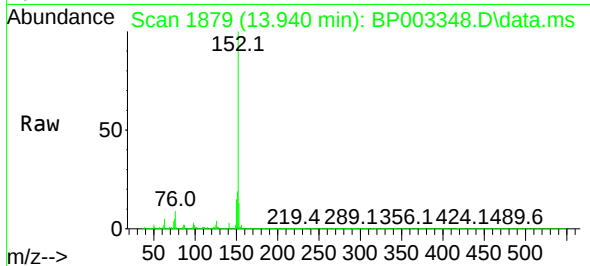
#49
Acenaphthylene
Concen: 8.01 ng
RT: 13.940 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion:152 Resp: 382174
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 13.3 10.5 15.7

Instrument :
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BU-02-092120

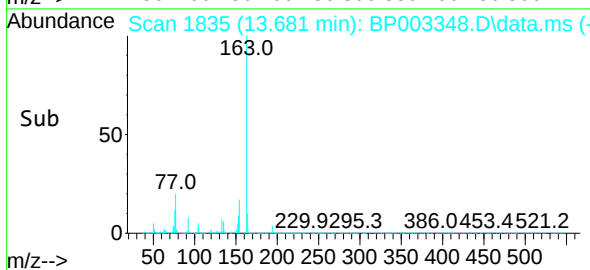
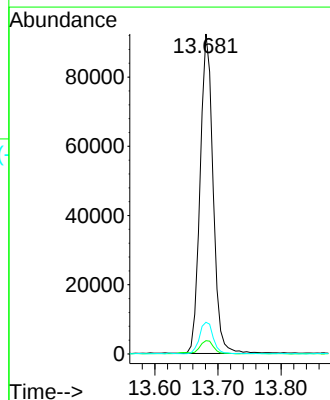
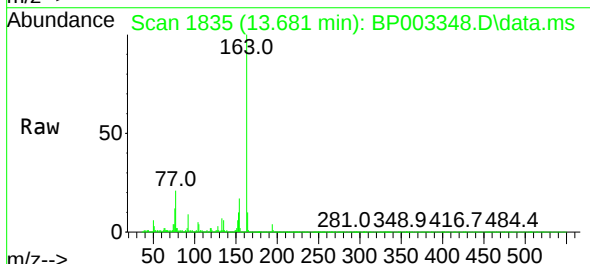
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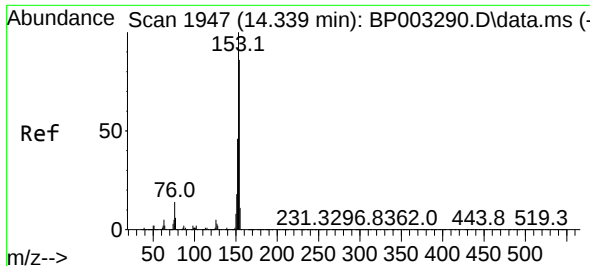
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#50
Dimethylphthalate
Concen: 3.26 ng
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion:163 Resp: 131737
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.2 12.2





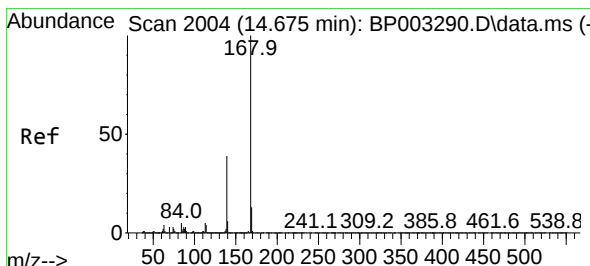
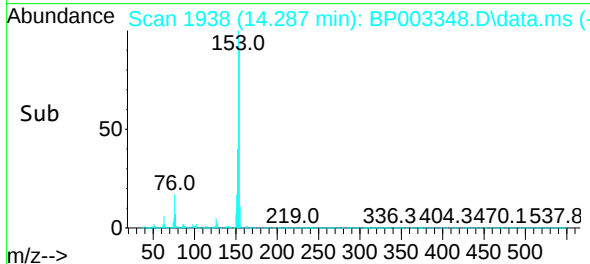
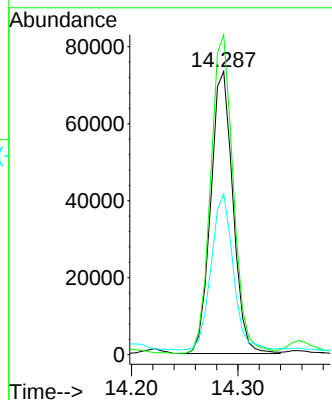
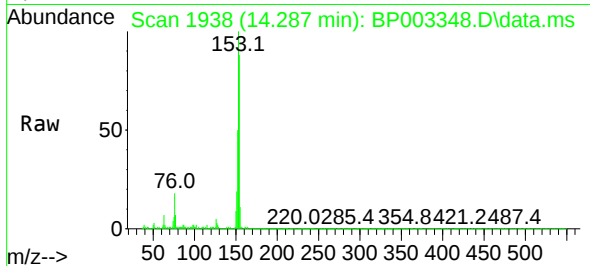
#52
Acenaphthene
Concen: 3.65 ng
RT: 14.287 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion:154 Resp: 106023
Ion Ratio Lower Upper
154 100
153 113.0 91.0 136.6
152 56.8 43.0 64.6

Instrument :
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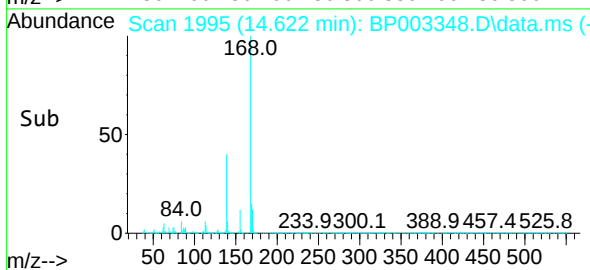
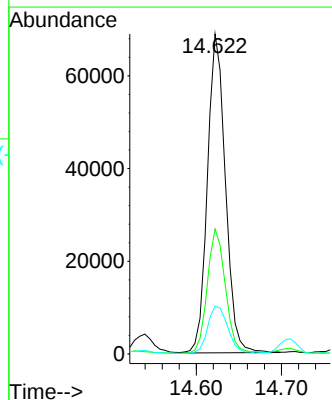
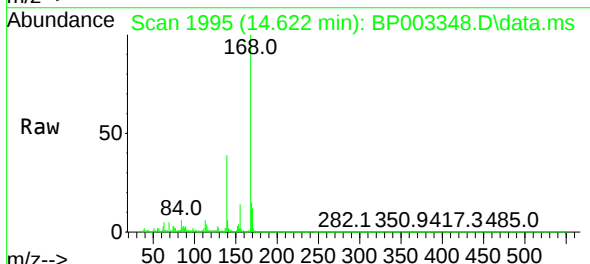
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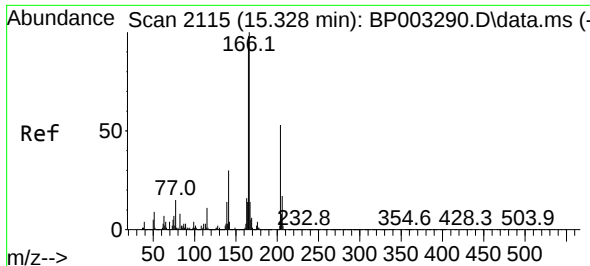
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#55
Dibenzofuran
Concen: 2.17 ng
RT: 14.622 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

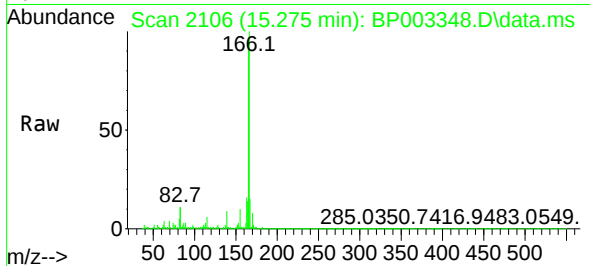
Tgt Ion:168 Resp: 100832
Ion Ratio Lower Upper
168 100
139 39.0 29.1 43.7
169 14.9 10.4 15.6





#58
Fluorene
Concen: 3.74 ng
RT: 15.275 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

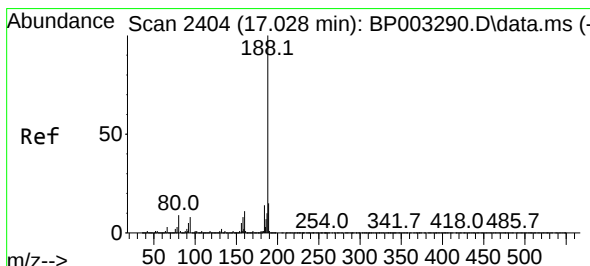
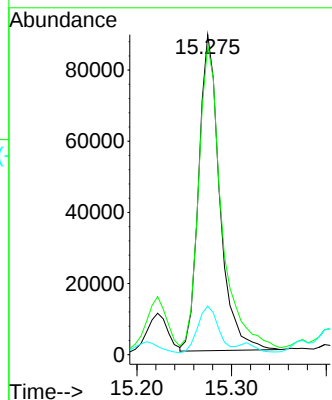
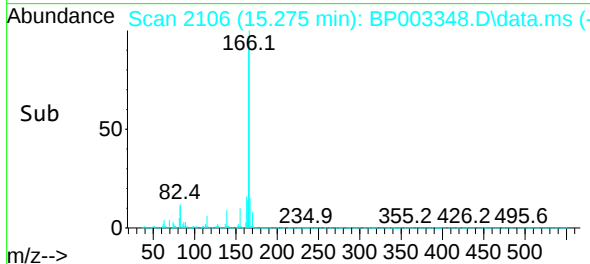
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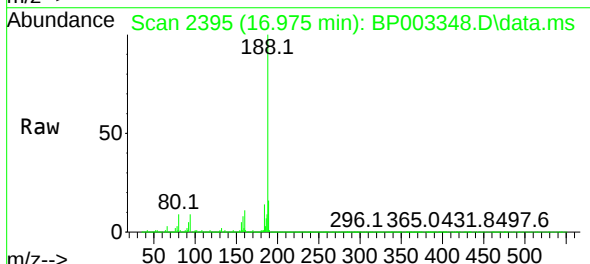
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Ion Ratio Lower Upper
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167 15.2 11.0 16.4

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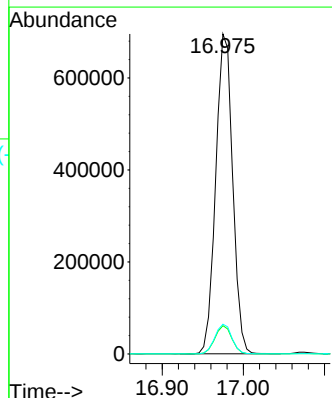
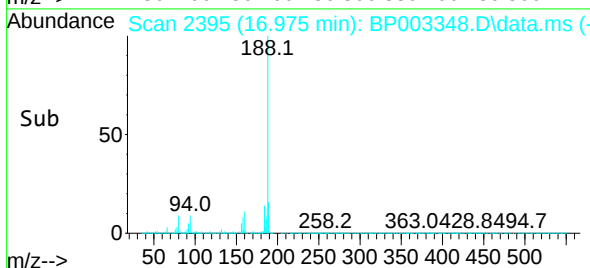
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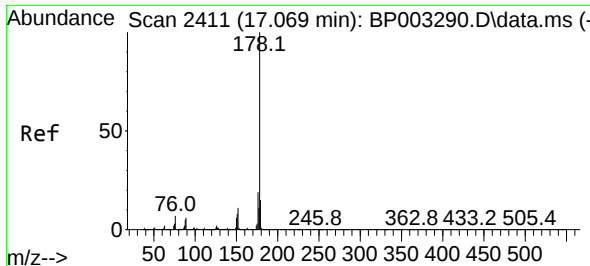


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.975 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19



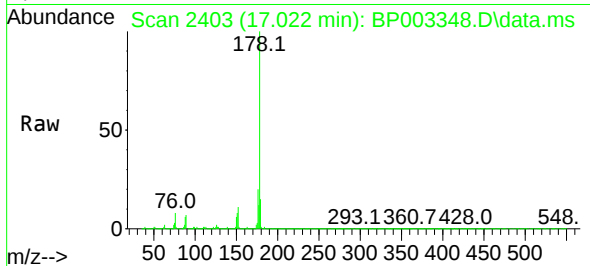
Tgt Ion:188 Resp: 1007558
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 9.3 6.2 9.2#





#71
Phenanthrene
Concen: 37.73 ng
RT: 17.022 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

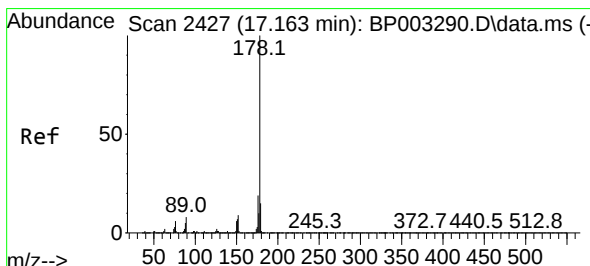
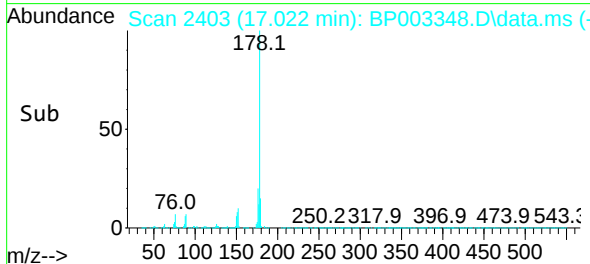
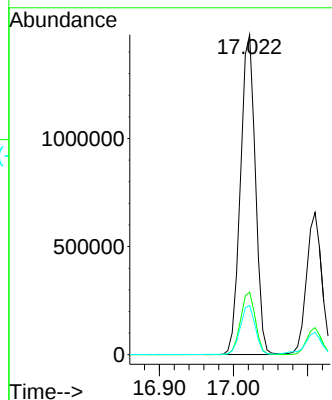
Instrument :
BNA_P
ClientSampleId :
BU-02-092120



Tgt Ion:178 Resp: 2068280
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.4 12.5 18.7

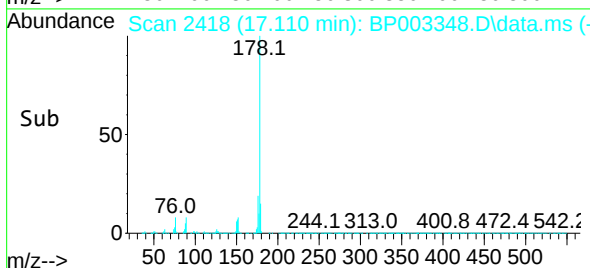
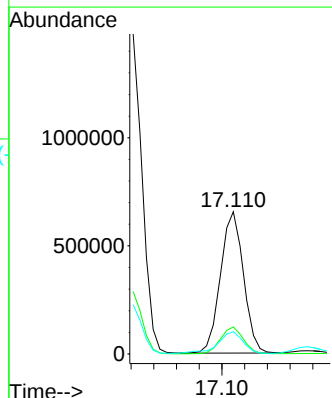
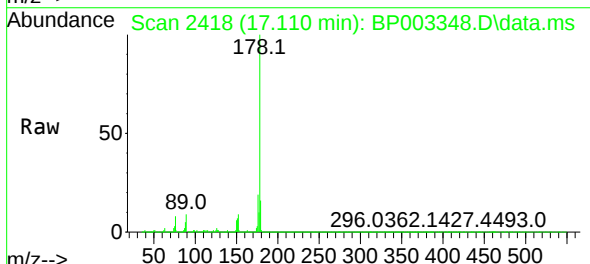
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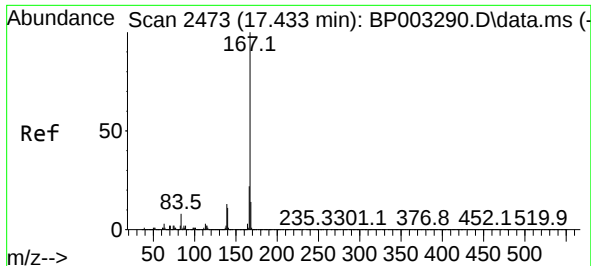
mohammad
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#72
Anthracene
Concen: 17.05 ng
RT: 17.110 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

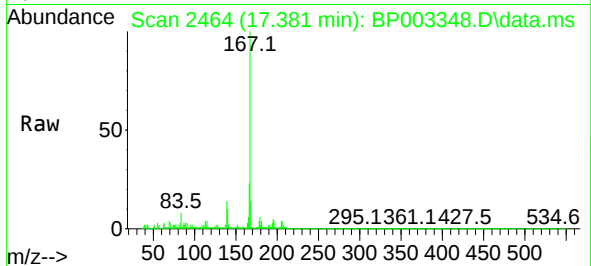
Tgt Ion:178 Resp: 921026
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 2.57 ng
 RT: 17.381 min Scan# 2464
 Delta R.T. 0.000 min
 Lab File: BP003348.D
 Acq: 22 Sep 2020 20:19

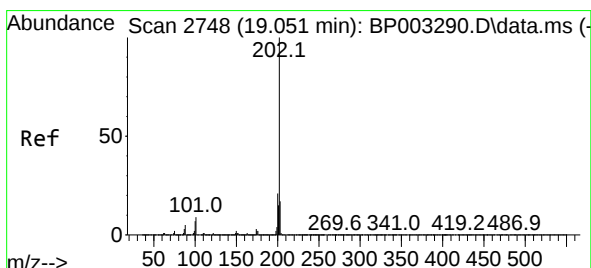
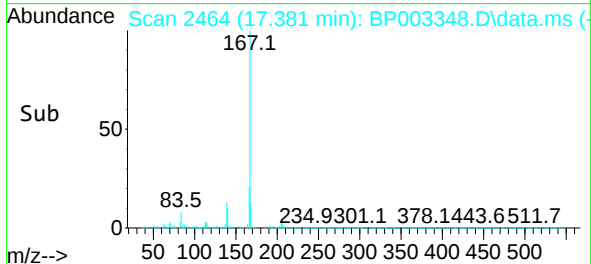
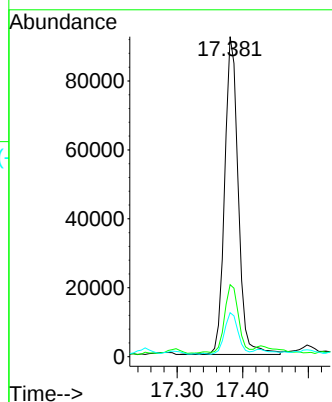
Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092120



Tgt Ion:167 Resp: 132111
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.7 10.2 15.4

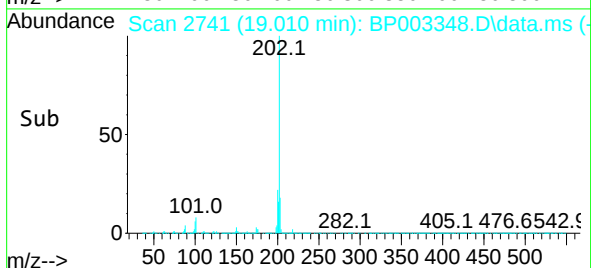
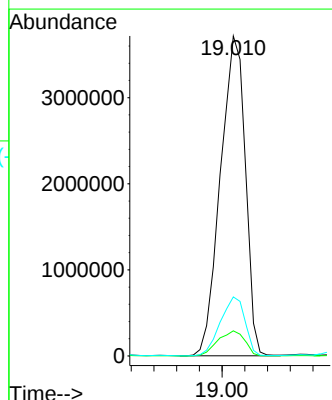
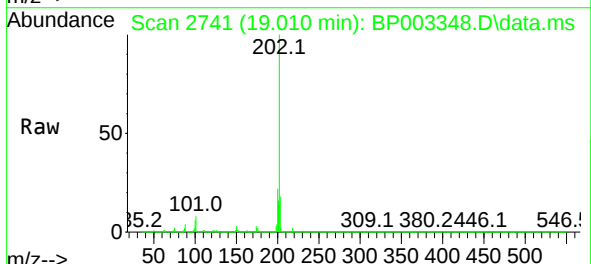
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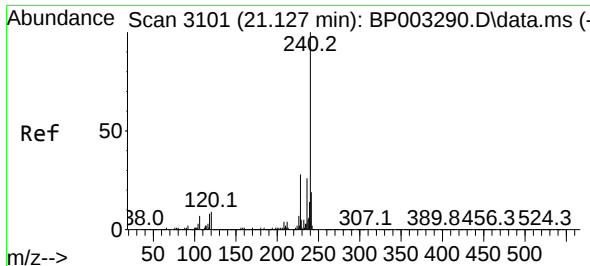
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#75
 Fluoranthene
 Concen: 82.01 ng
 RT: 19.010 min Scan# 2741
 Delta R.T. 0.012 min
 Lab File: BP003348.D
 Acq: 22 Sep 2020 20:19

Tgt Ion:202 Resp: 5652888
 Ion Ratio Lower Upper
 202 100
 101 7.8 0.0 29.4
 203 18.4 0.0 37.8





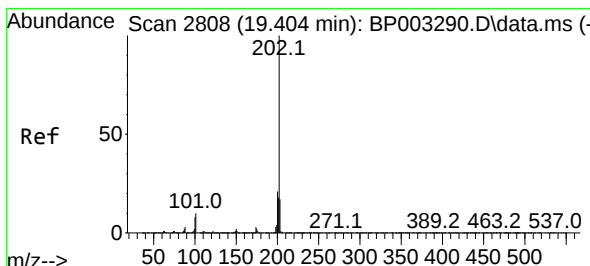
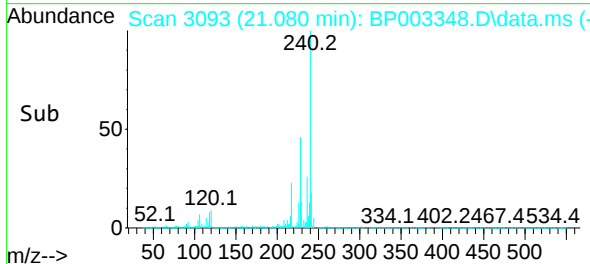
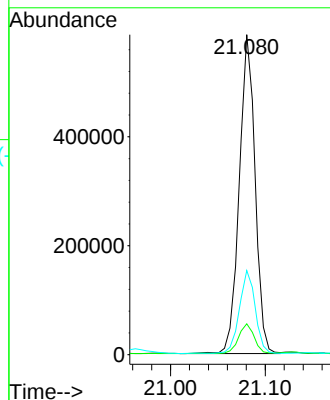
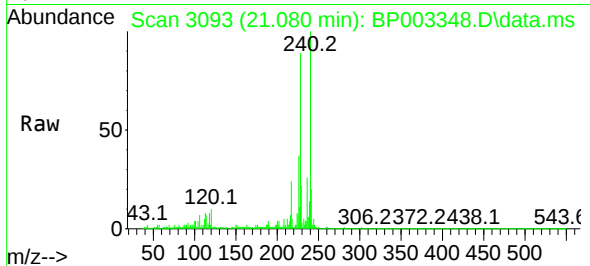
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.080 min Scan# 3093
Delta R.T. 0.012 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion:240 Resp: 680720
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 26.3 20.8 31.2

Instrument :
BNA_P
ClientSampleId :
BU-02-092120

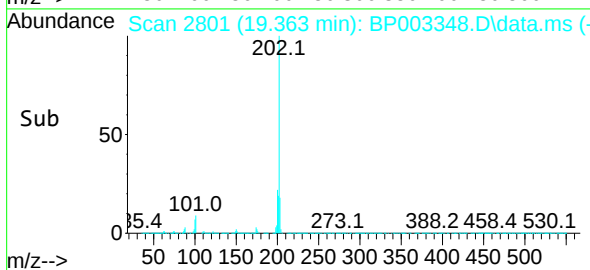
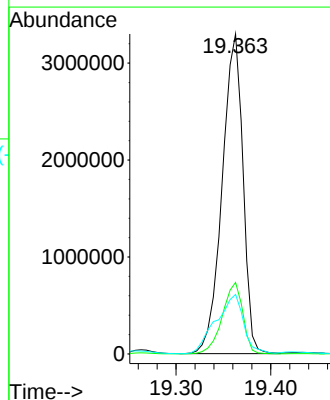
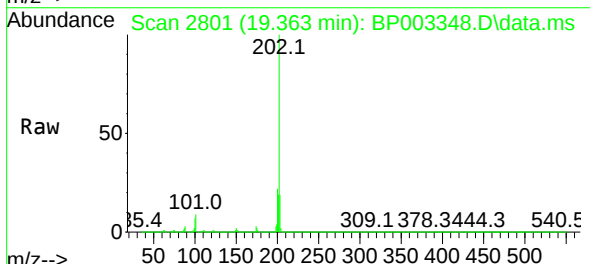
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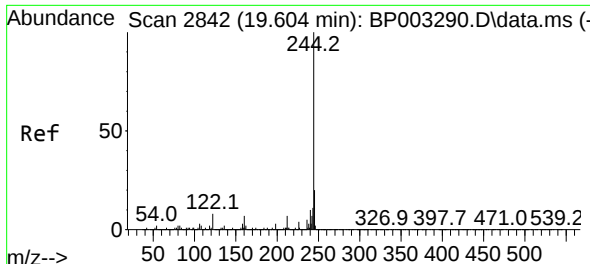
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#78
Pyrene
Concen: 118.39 ng
RT: 19.363 min Scan# 2801
Delta R.T. 0.012 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion:202 Resp: 5025888
Ion Ratio Lower Upper
202 100
200 22.3 17.1 25.7
203 18.6 14.2 21.2





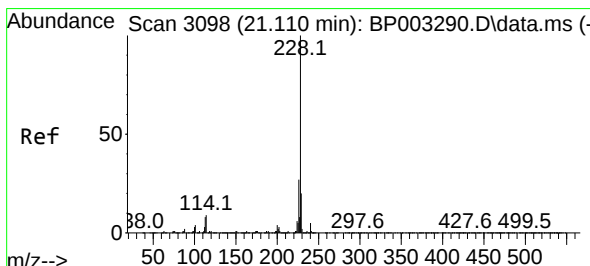
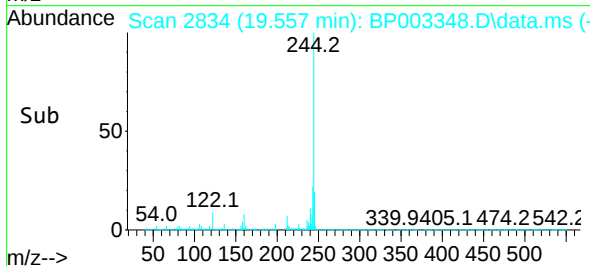
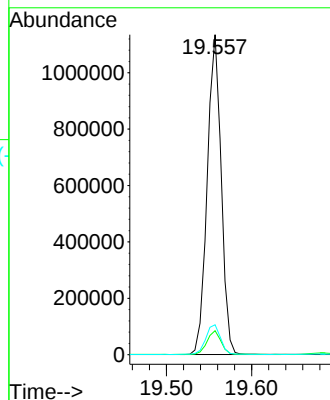
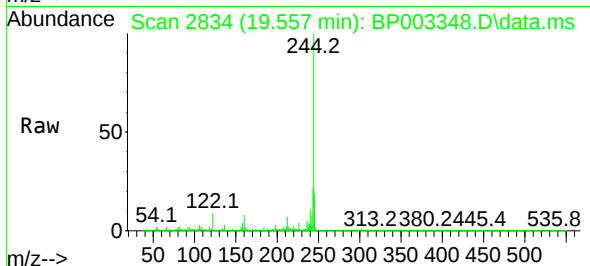
#79
 Terphenyl-d14
 Concen: 39.46 ng
 RT: 19.557 min Scan# 2834
 Delta R.T. 0.006 min
 Lab File: BP003348.D
 Acq: 22 Sep 2020 20:19

Tgt Ion:244 Resp: 1289291
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 9.4 7.8 11.8

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092120

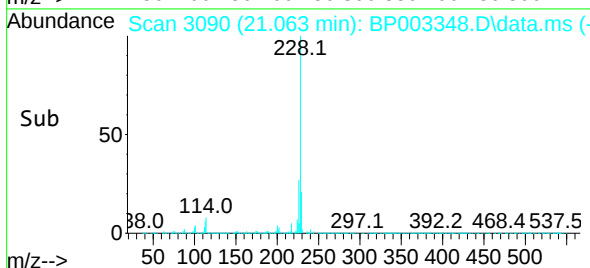
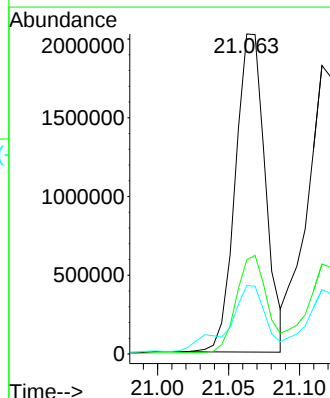
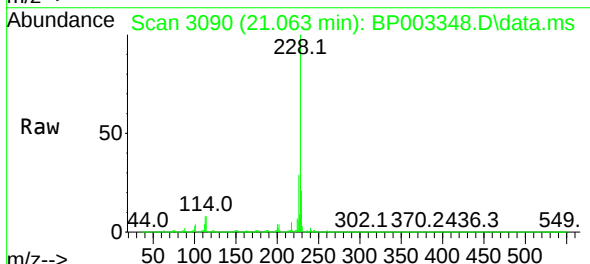
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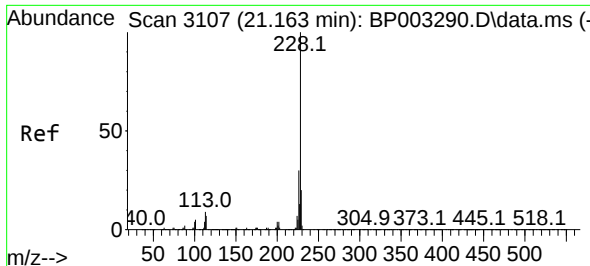
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#81
 Benzo(a)anthracene
 Concen: 67.47 ng
 RT: 21.063 min Scan# 3090
 Delta R.T. 0.006 min
 Lab File: BP003348.D
 Acq: 22 Sep 2020 20:19

Tgt Ion:228 Resp: 2968898
 Ion Ratio Lower Upper
 228 100
 226 29.4 22.1 33.1
 229 21.4 15.9 23.9





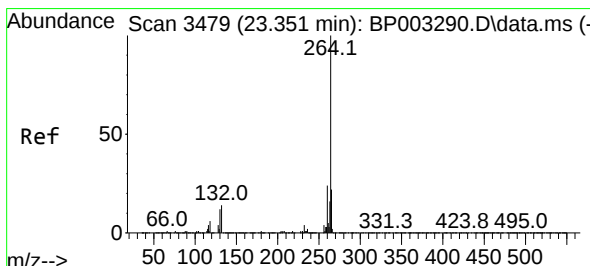
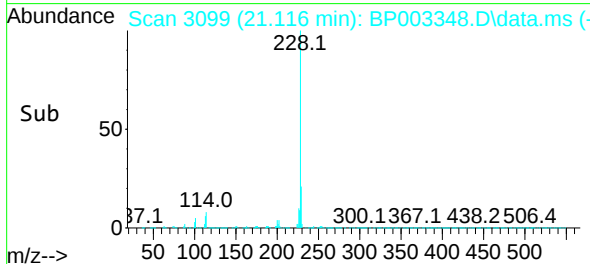
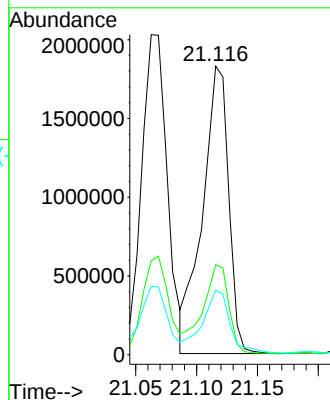
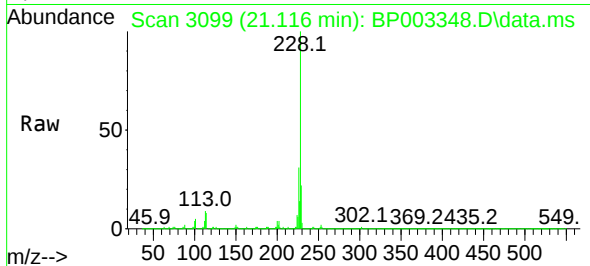
#83
Chrysene
Concen: 64.54 ng
RT: 21.116 min Scan# 3099
Delta R.T. 0.012 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

Tgt Ion: 228 Resp: 2728412
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 22.3 15.8 23.6

Instrument :
BNA_P
ClientSampled :
BU-02-092120

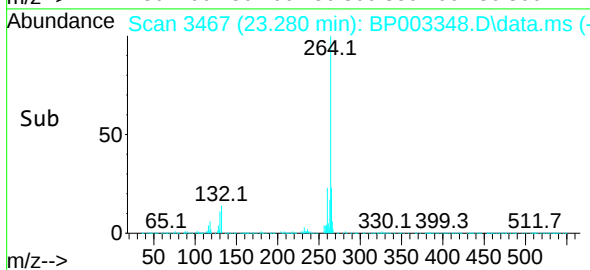
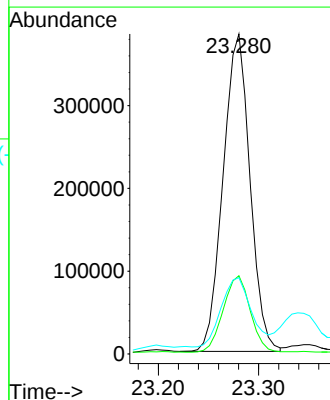
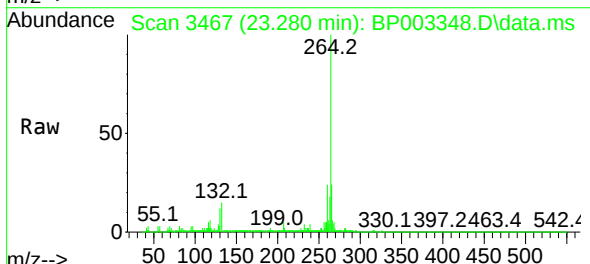
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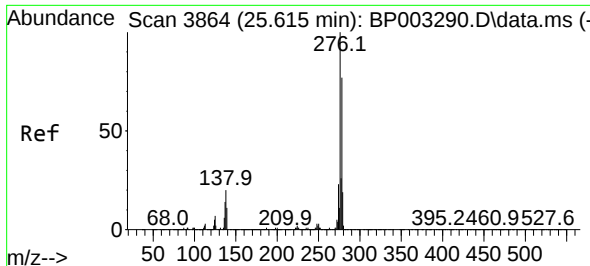
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.280 min Scan# 3467
Delta R.T. 0.018 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

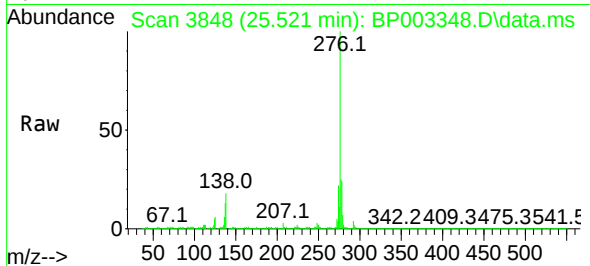
Tgt Ion: 264 Resp: 714142
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 23.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.48 ng
RT: 25.521 min Scan# 3848
Delta R.T. 0.030 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

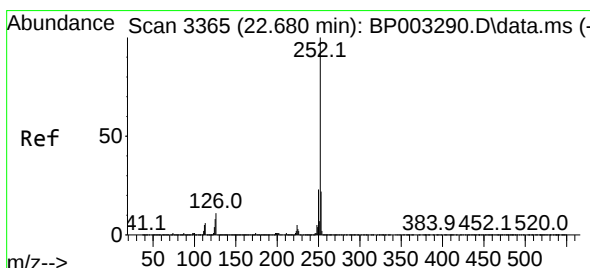
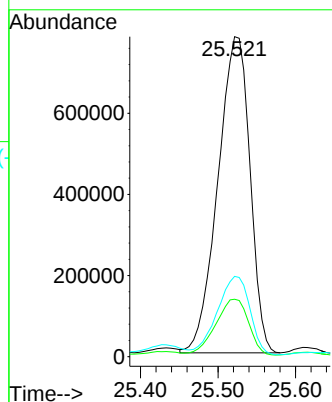
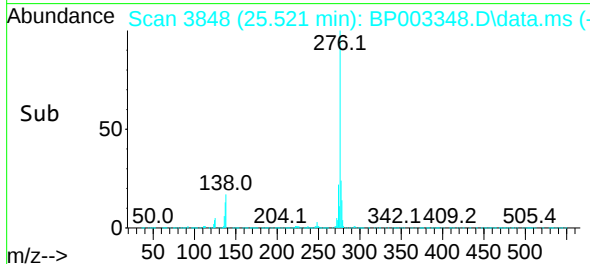
Instrument :
BNA_P
ClientSampled :
BU-02-092120



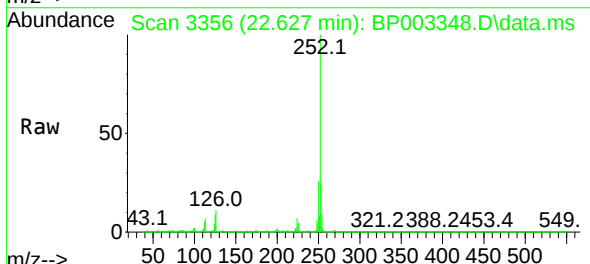
Tgt Ion: 276 Resp: 2245203
Ion Ratio Lower Upper
276 100
138 18.1 18.7 28.1#
277 25.1 20.4 30.6

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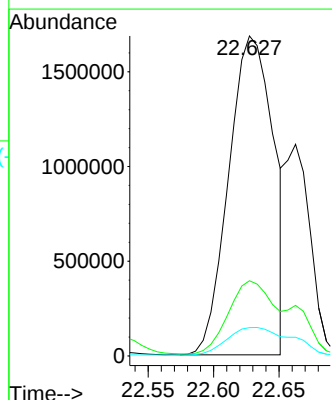
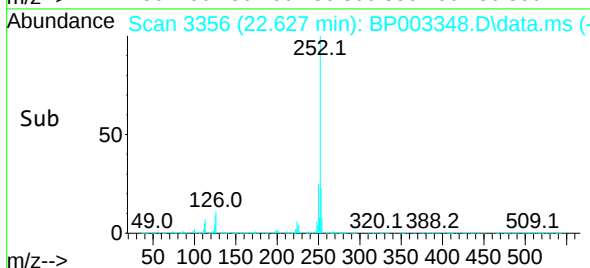
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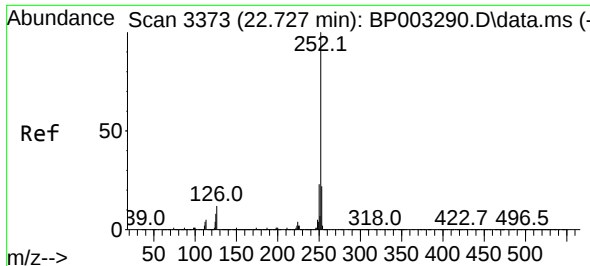


#88
Benzo(b)fluoranthene
Concen: 88.82 ng m
RT: 22.627 min Scan# 3356
Delta R.T. 0.024 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19



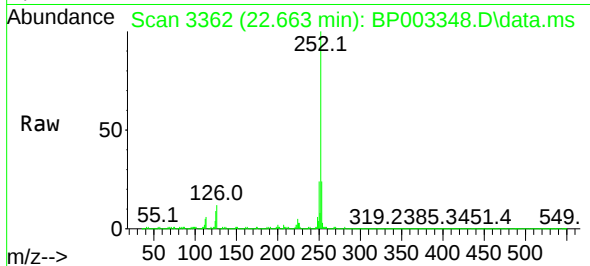
Tgt Ion: 252 Resp: 4005556
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 8.9 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 32.92 ng m
RT: 22.663 min Scan# 3362
Delta R.T. 0.012 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

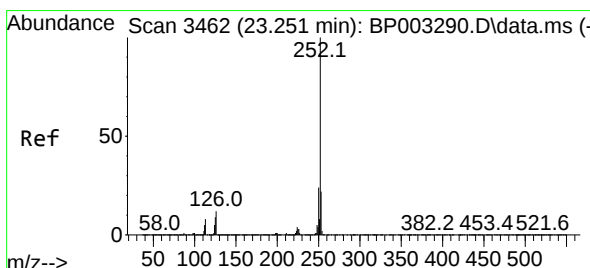
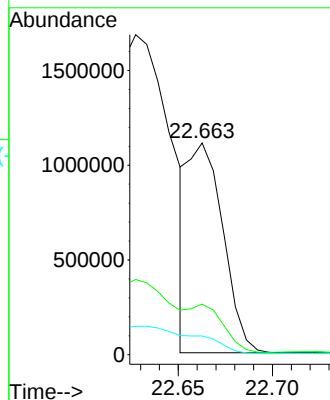
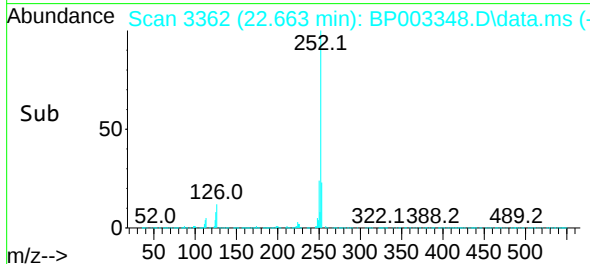
Instrument :
BNA_P
ClientSampleId :
BU-02-092120



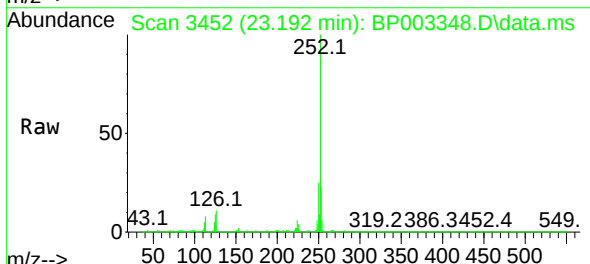
Tgt Ion:252 Resp: 1422925
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 8.9 7.4 11.2

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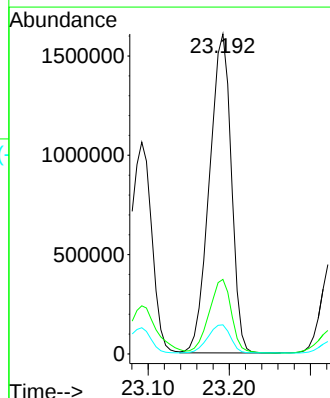
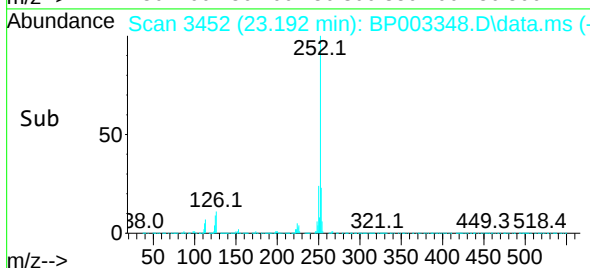
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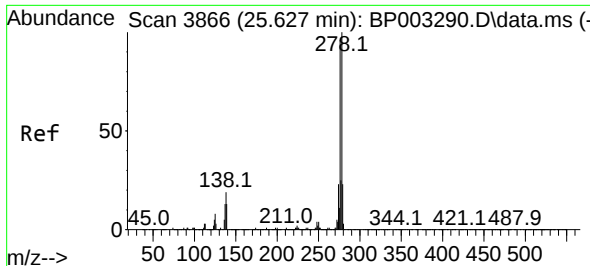


#90
Benzo(a)pyrene
Concen: 70.52 ng
RT: 23.192 min Scan# 3452
Delta R.T. 0.024 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19



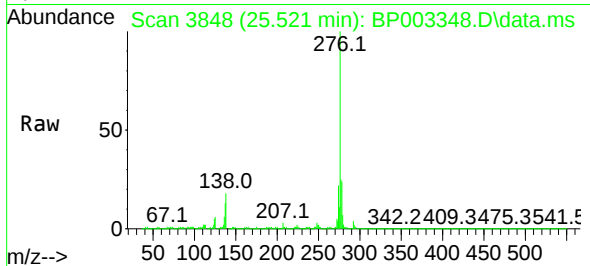
Tgt Ion:252 Resp: 2999007
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 9.1 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 12.94 ng m
RT: 25.521 min Scan# 3848
Delta R.T. 0.024 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19

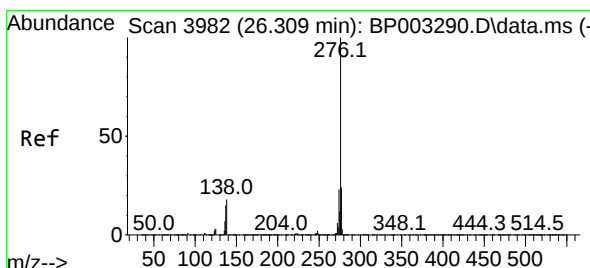
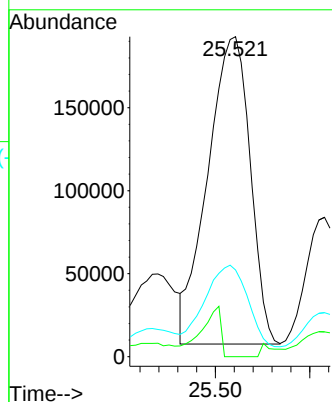
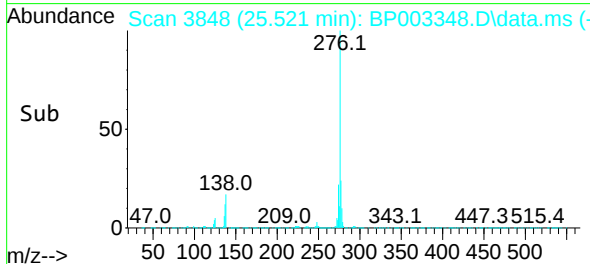
Instrument :
BNA_P
ClientSampled :
BU-02-092120



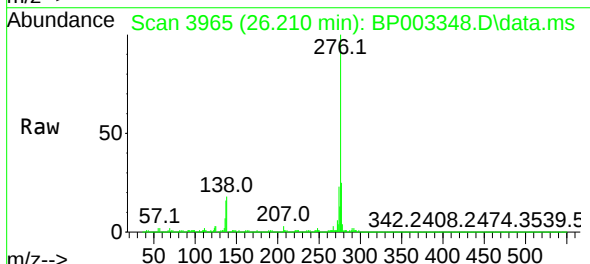
Tgt Ion:278 Resp: 577891
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 27.1 19.0 28.6

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#92
Benzo(g,h,i)perylene
Concen: 48.03 ng
RT: 26.210 min Scan# 3965
Delta R.T. 0.047 min
Lab File: BP003348.D
Acq: 22 Sep 2020 20:19



Tgt Ion:276 Resp: 2141889
Ion Ratio Lower Upper
276 100
277 24.7 19.0 28.6
138 18.2 16.6 24.8

