

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004830.D
 Acq On : 19 Feb 2021 19:48
 Operator : CG/JU
 Sample : M1440-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-227-233-A

Manual Integrations
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2/22/2021 2:12:25 PM

Quant Time: Feb 19 23:53:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	57801	20.00	ng	0.00
21) Naphthalene-d8	10.551	136	210904	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	120427	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	232158	20.00	ng	0.00
76) Chrysene-d12	21.251	240	266035	20.00	ng	0.00
86) Perylene-d12	23.557	264	279302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	406430	108.57	ng	0.00
7) Phenol-d6	6.946	99	497818	96.70	ng	0.00
23) Nitrobenzene-d5	8.922	82	317660	65.63	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	161308	100.82	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	620666	62.99	ng	0.00
79) Terphenyl-d14	19.733	244	736027	46.47	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.969	94	48882	9.81	ng	80
50) Dimethylphthalate	13.863	163	38414	3.63	ng	# 98
58) Fluorene	15.463	166	26721	2.67	ng	98
71) Phenanthrene	17.210	178	457315	32.17	ng	99
72) Anthracene	17.298	178	112032	8.20	ng	96
73) Carbazole	17.575	167	52742	4.21	ng	99
75) Fluoranthene	19.180	202	704039	41.57	ng	99
78) Pyrene	19.533	202	565677	30.15	ng	99
81) Benzo(a)anthracene	21.239	228	313460	16.61	ng	99
83) Chrysene	21.286	228	278051m	15.22	ng	
84) Bis(2-ethylhexyl)phtha...	21.163	149	166440	14.96	ng	99
87) Indeno(1,2,3-cd)pyrene	25.921	276	165278	7.41	ng	# 93
88) Benzo(b)fluoranthene	22.863	252	362188m	17.70	ng	
89) Benzo(k)fluoranthene	22.898	252	110144m	5.61	ng	
90) Benzo(a)pyrene	23.457	252	245550	13.28	ng	96
91) Dibenzo(a,h)anthracene	25.915	278	44330	2.38	ng	97
92) Benzo(g,h,i)perylene	26.657	276	155305	8.70	ng	# 95

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

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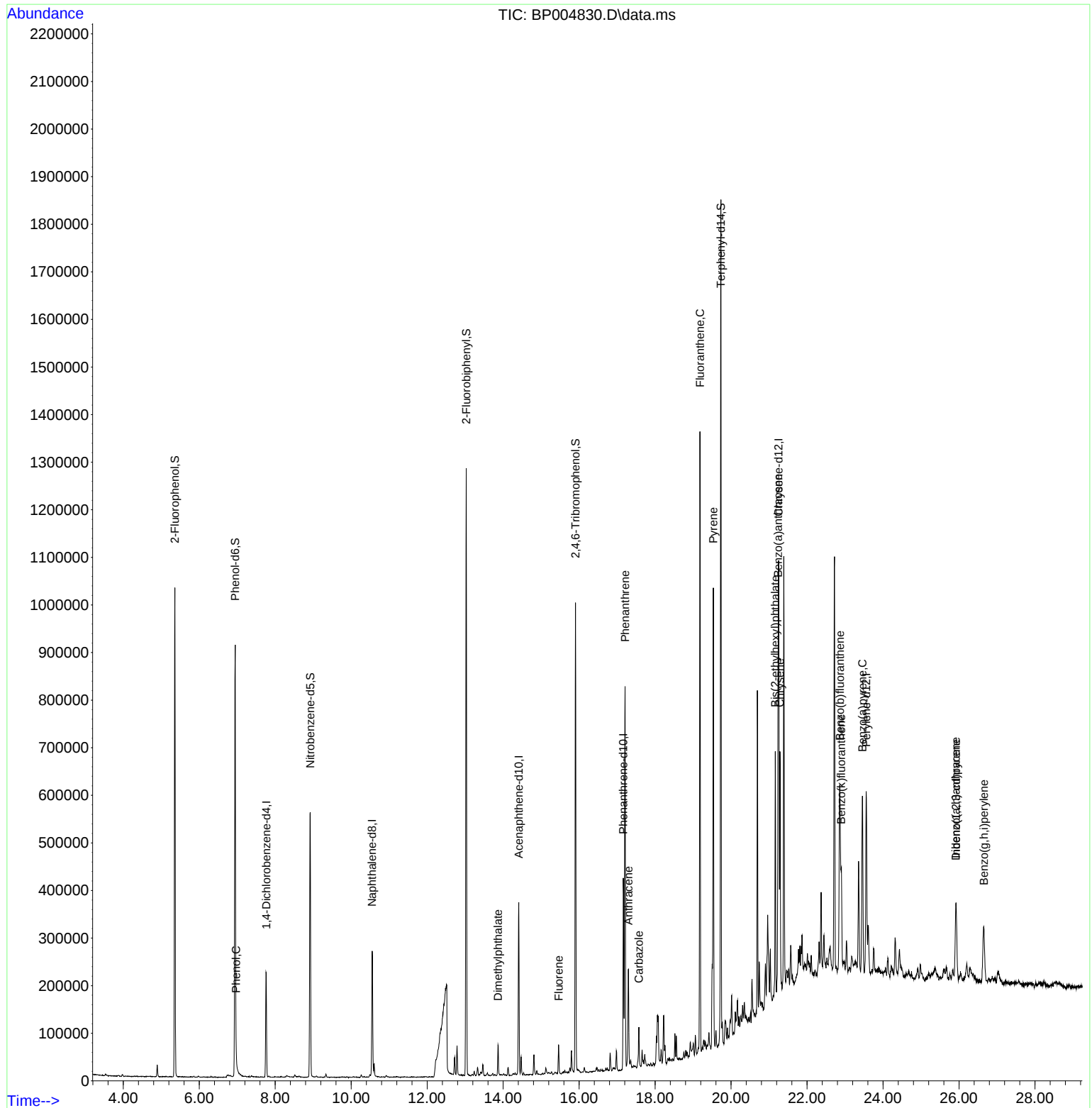
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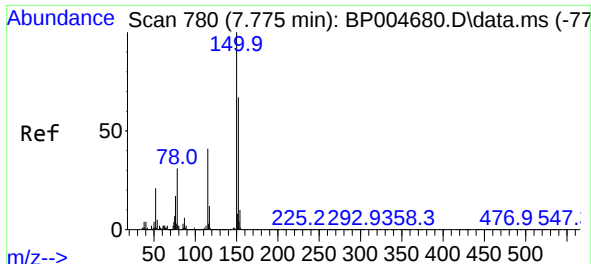
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

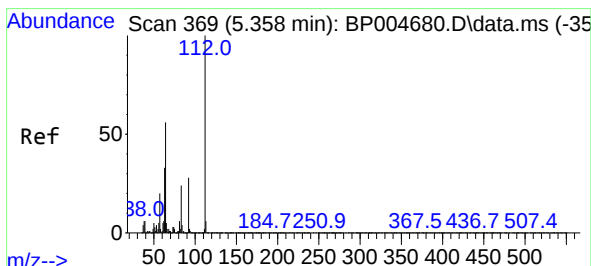
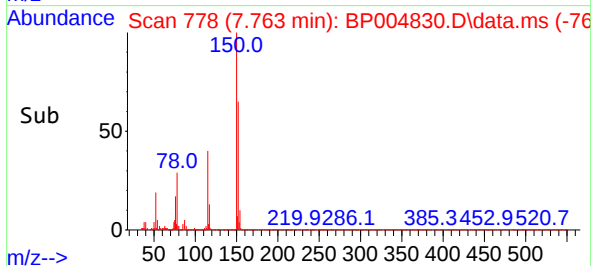
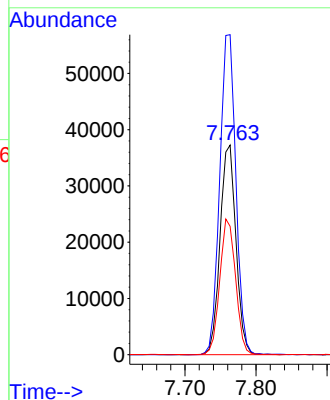
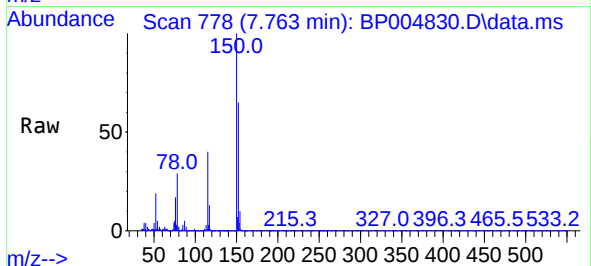
Tgt Ion:	152	Resp:	57801
Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.8	185.6
115	61.2	43.8	65.6

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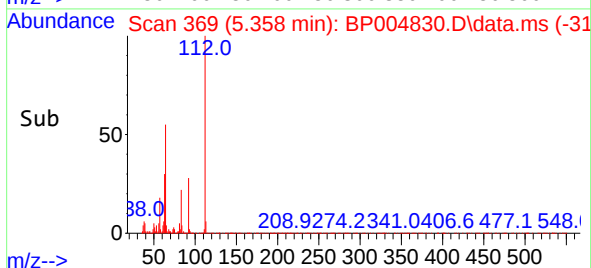
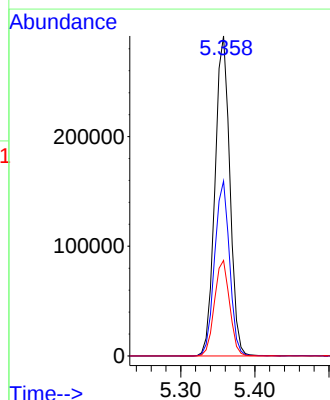
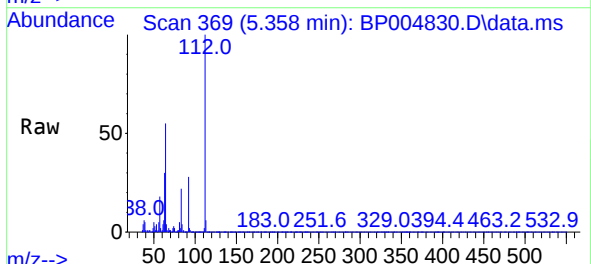
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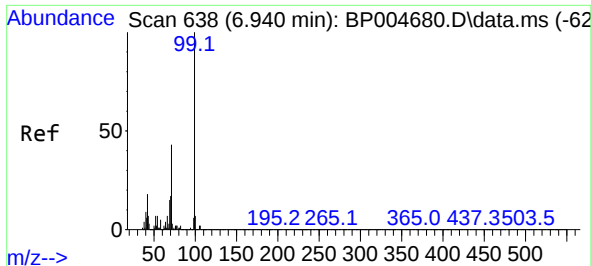
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#5
2-Fluorophenol
Concen: 108.57 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Tgt Ion:	112	Resp:	406430
Ion	Ratio	Lower	Upper
112	100		
64	54.7	32.8	49.2#
63	29.8	17.0	25.4#





#7
Phenol-d6
Concen: 96.70 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

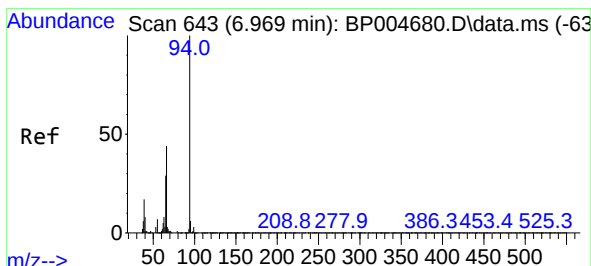
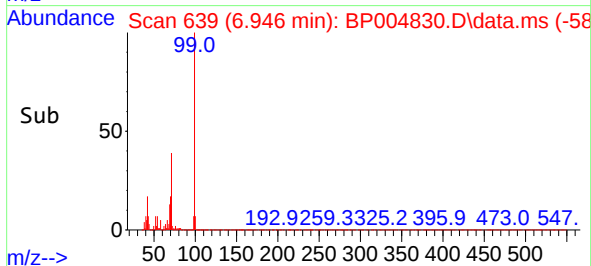
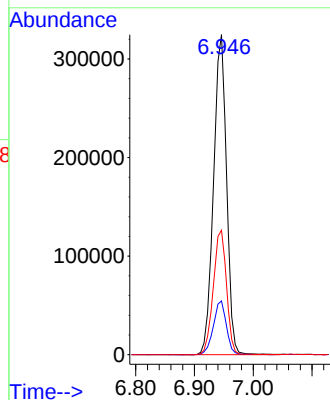
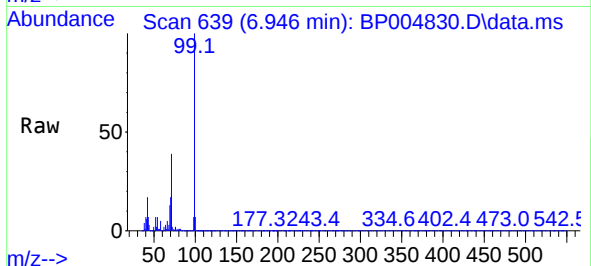
Tgt Ion: 99 Resp: 497818
Ion Ratio Lower Upper
99 100
42 16.8 8.6 13.0#
71 38.9 23.4 35.2#

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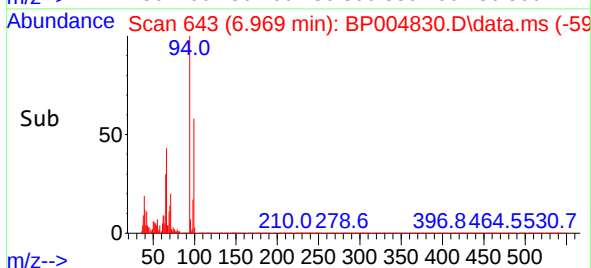
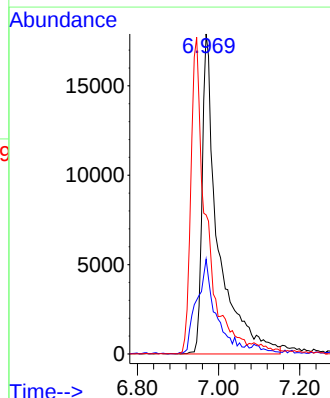
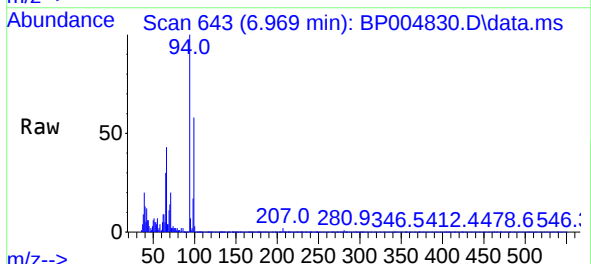
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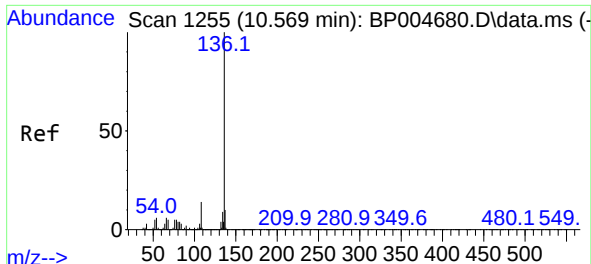
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#10
Phenol
Concen: 9.81 ng
RT: 6.969 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Tgt Ion: 94 Resp: 48882
Ion Ratio Lower Upper
94 100
65 29.6 2.3 42.3
66 43.4 10.9 50.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.551 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

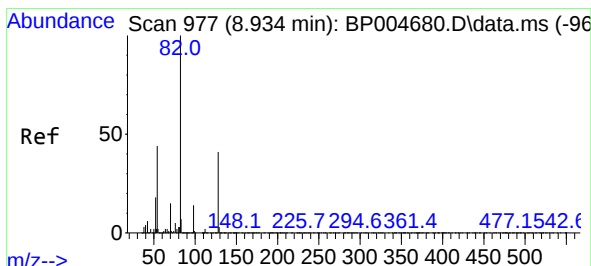
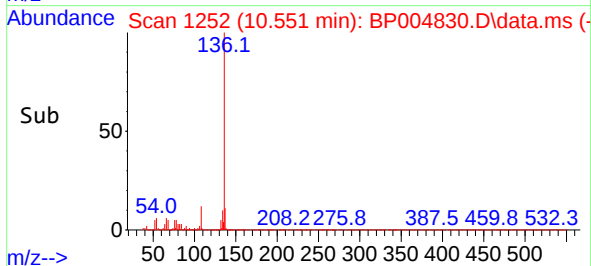
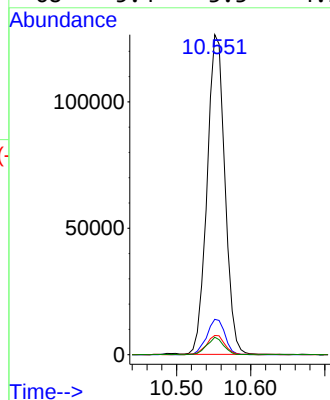
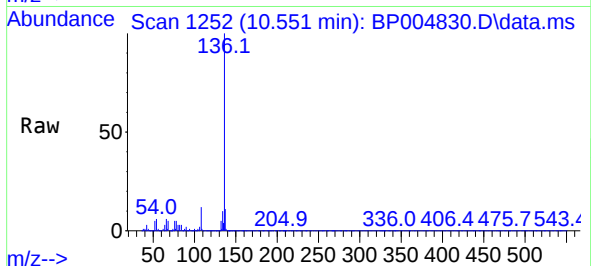
Tgt Ion:	136	Resp:	210904
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.0	3.6	5.4#
68	5.4	3.3	4.9#

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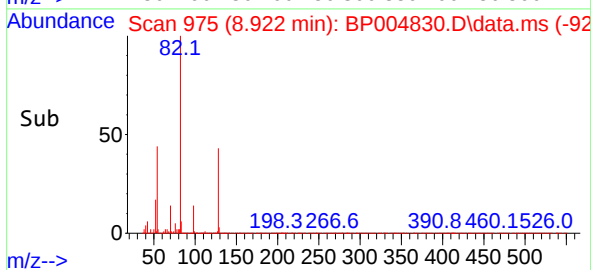
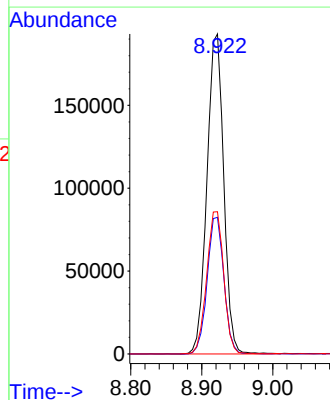
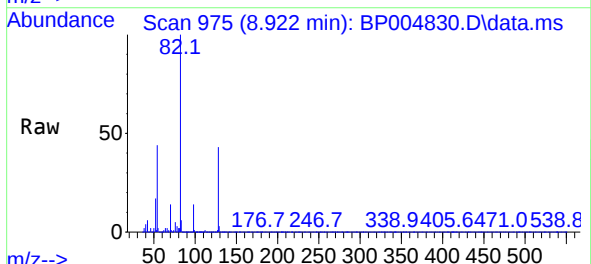
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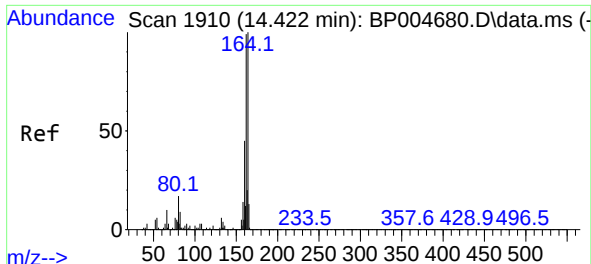
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#23
Nitrobenzene-d5
Concen: 65.63 ng
RT: 8.922 min Scan# 975
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Tgt Ion:	82	Resp:	317660
Ion	Ratio	Lower	Upper
82	100		
128	42.7	45.6	68.4#
54	44.4	30.1	45.1





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

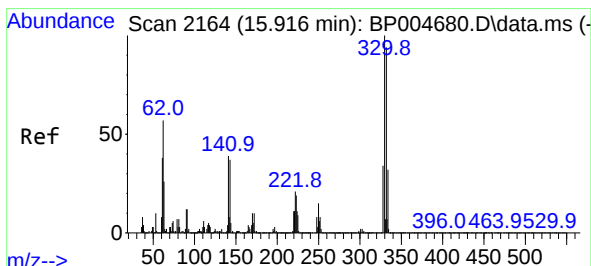
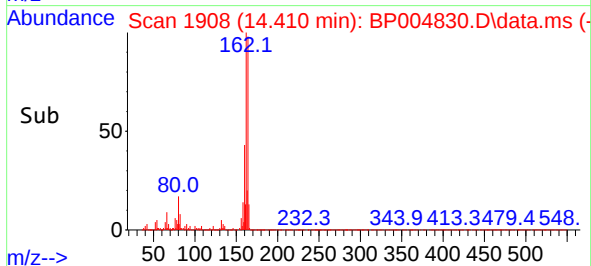
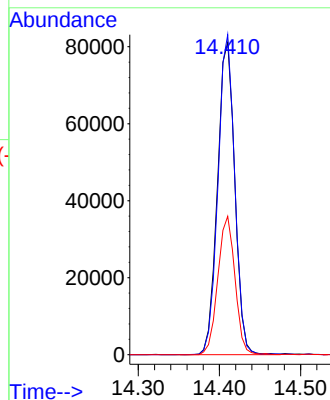
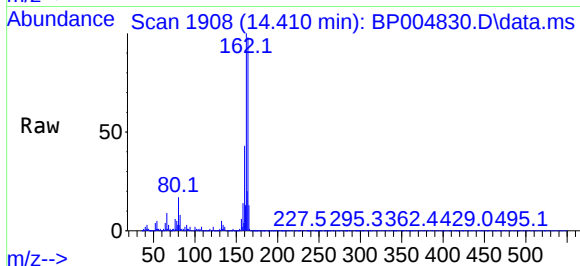
Tgt Ion:164 Resp: 120427
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.2
160 44.3 36.1 54.1

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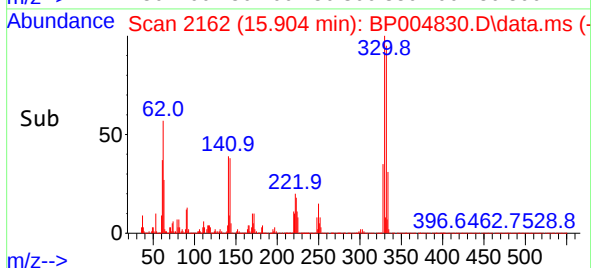
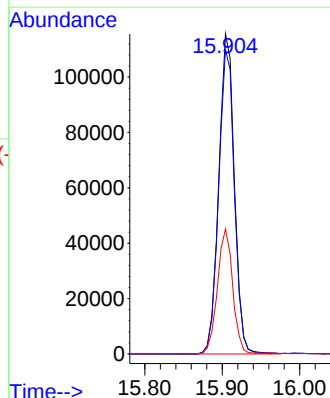
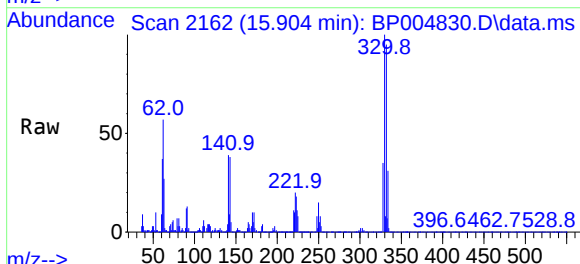
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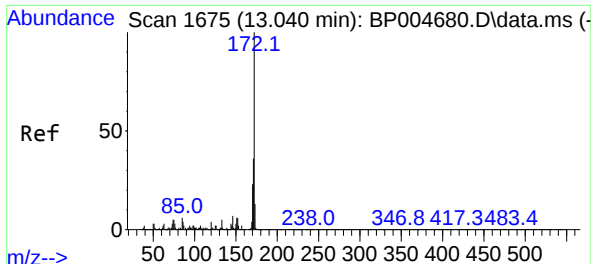
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#42
2,4,6-Tribromophenol
Concen: 100.82 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Tgt Ion:330 Resp: 161308
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 38.3 23.4 35.2#





#45
2-Fluorobiphenyl
Concen: 62.99 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

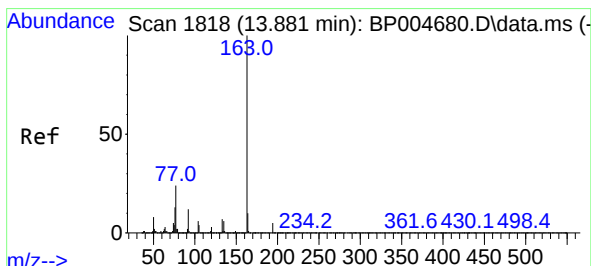
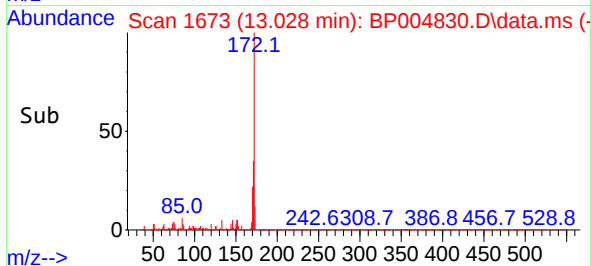
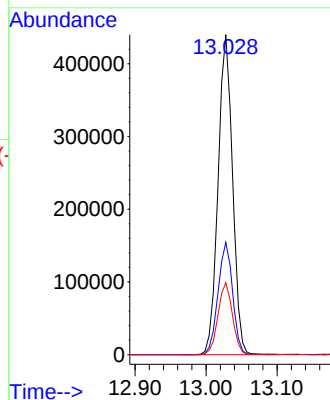
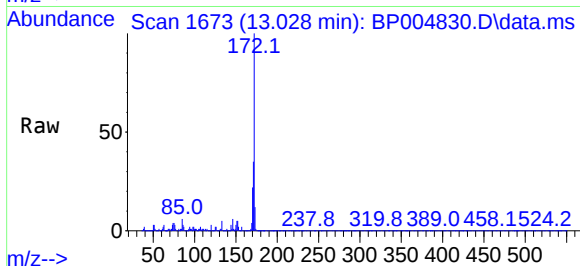
Tgt Ion:172 Resp: 620666
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.5 19.2 28.8

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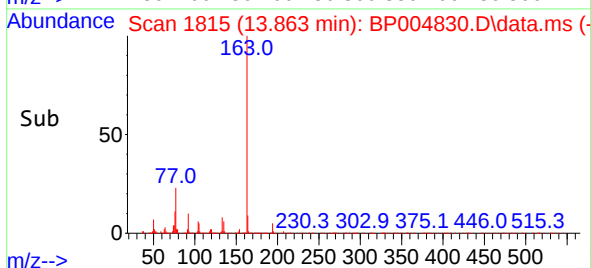
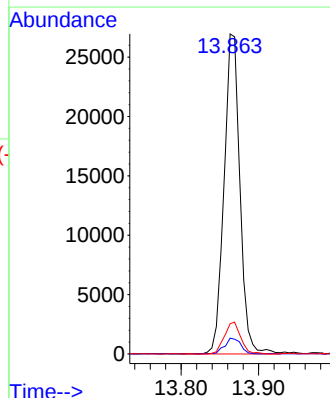
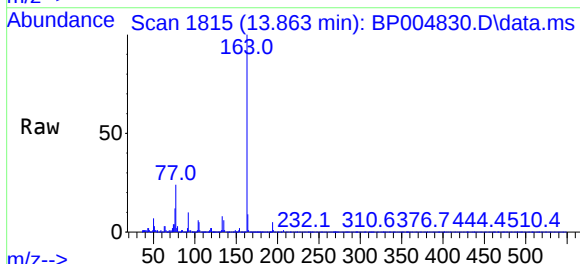
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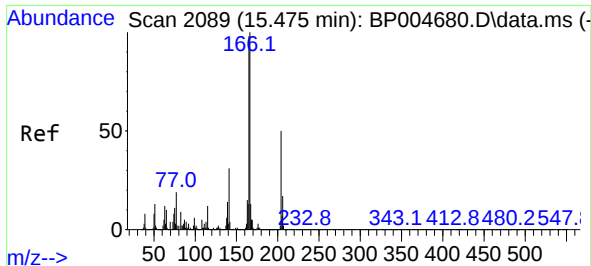
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#50
Dimethylphthalate
Concen: 3.63 ng
RT: 13.863 min Scan# 1815
Delta R.T. -0.011 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

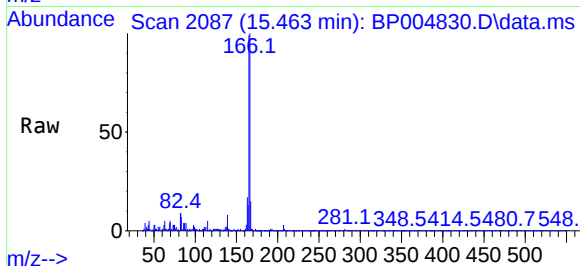
Tgt Ion:163 Resp: 38414
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9#
164 9.5 8.2 12.2





#58
Fluorene
Concen: 2.67 ng
RT: 15.463 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

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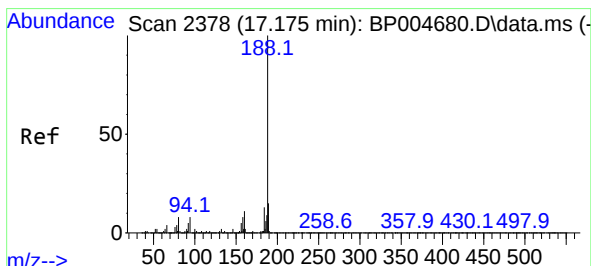
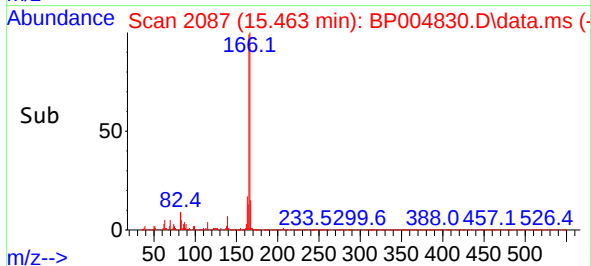
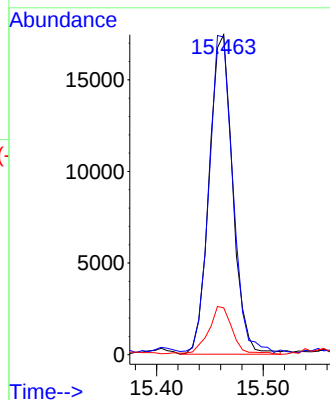


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Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.8
167 14.7 11.0 16.4

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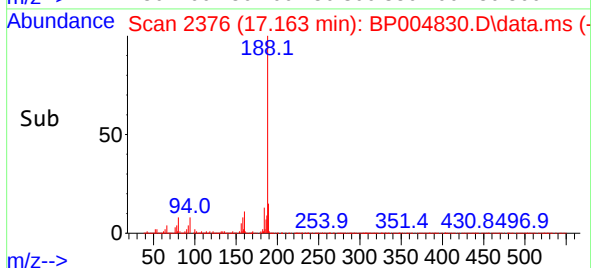
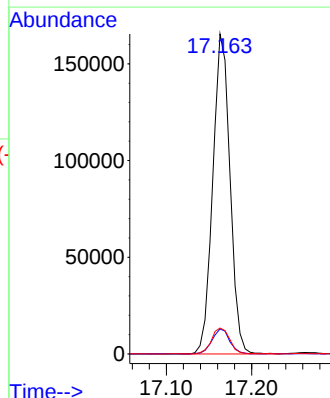
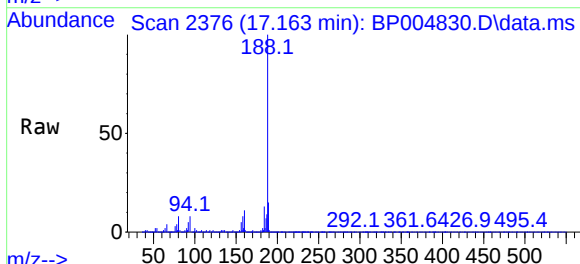
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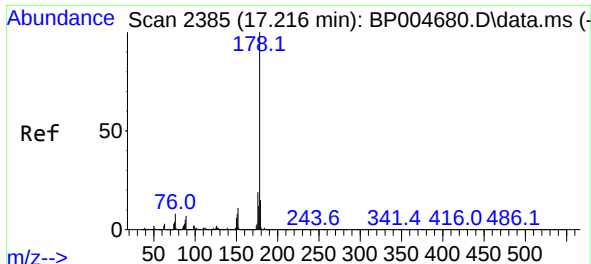
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Tgt Ion:188 Resp: 232158
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.1 6.2 9.2





#71
Phenanthrene
Concen: 32.17 ng
RT: 17.210 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

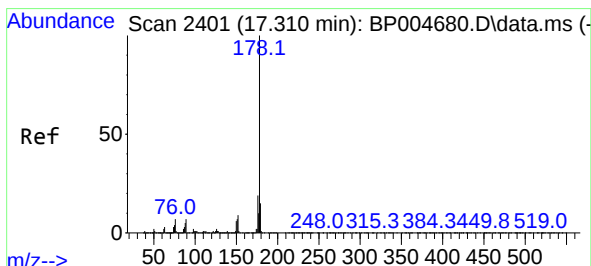
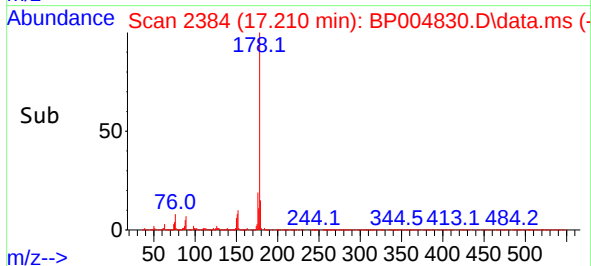
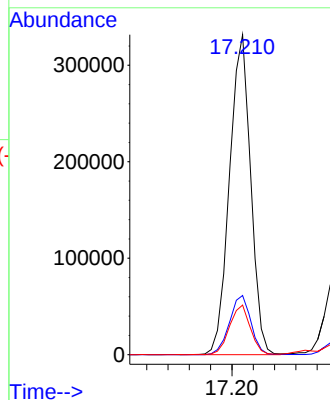
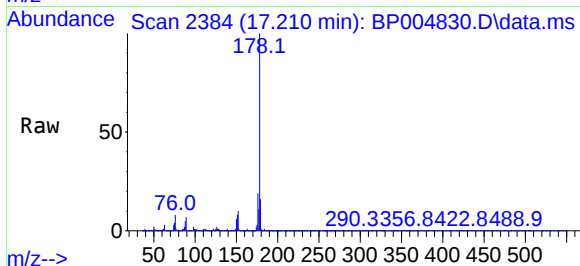
Tgt Ion:178 Resp: 457315
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.5 12.5 18.7

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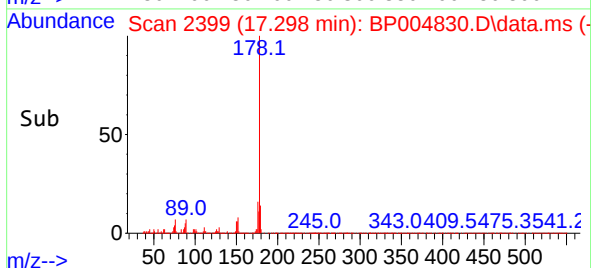
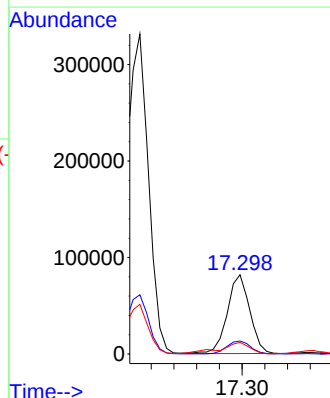
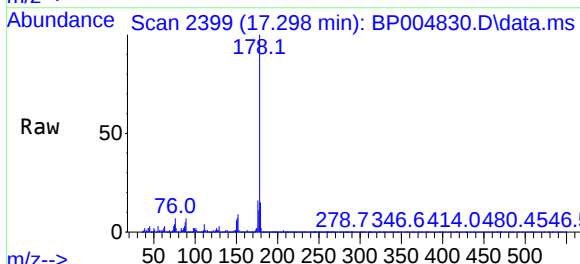
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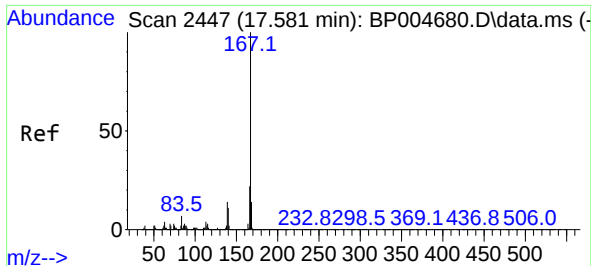
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#72
Anthracene
Concen: 8.20 ng
RT: 17.298 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Tgt Ion:178 Resp: 112032
Ion Ratio Lower Upper
178 100
176 16.4 15.0 22.4
179 14.6 12.5 18.7





#73
 Carbazole
 Concen: 4.21 ng
 RT: 17.575 min Scan# 2446
 Delta R.T. 0.000 min
 Lab File: BP004830.D
 Acq: 19 Feb 2021 19:48

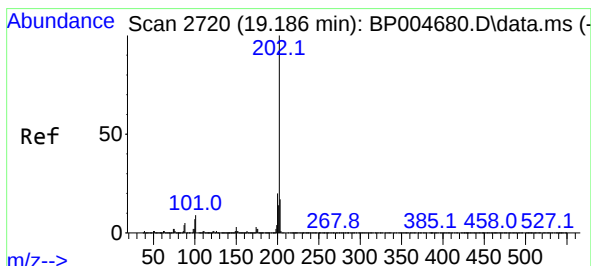
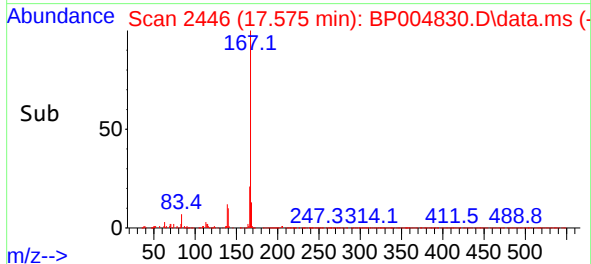
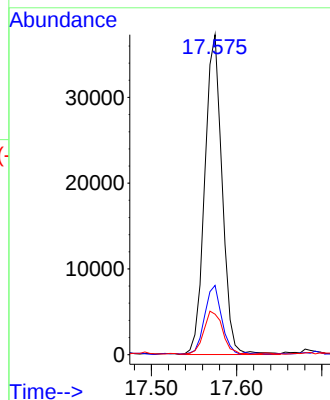
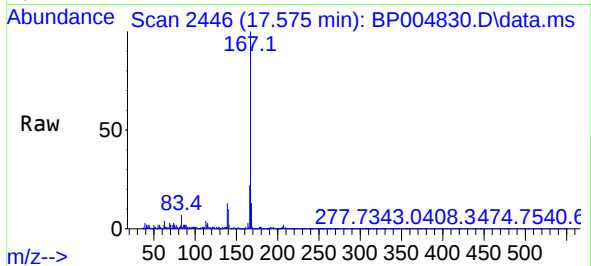
Tgt Ion:	167	Resp:	52742
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.6	26.4
139	12.7	10.2	15.4

Instrument :
 BNA_P
 ClientSampleId :
 SP-227-233-A

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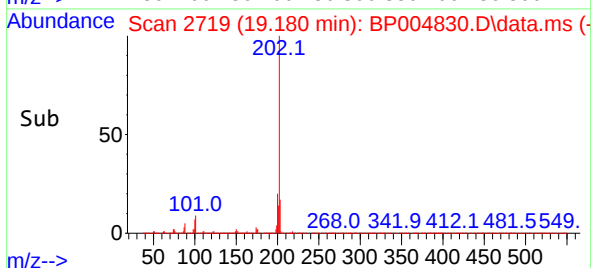
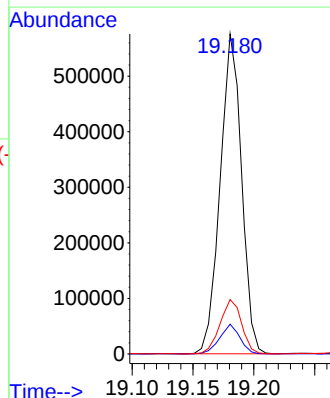
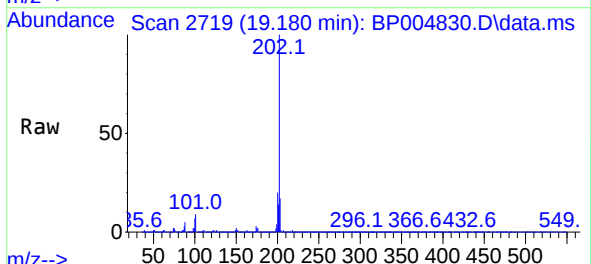
mohammad

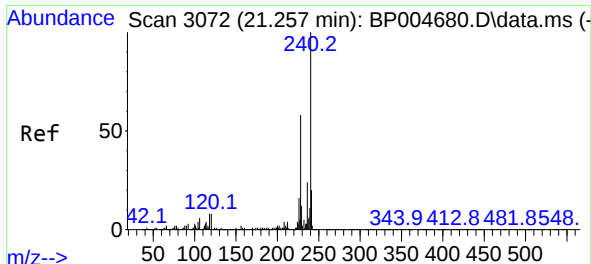
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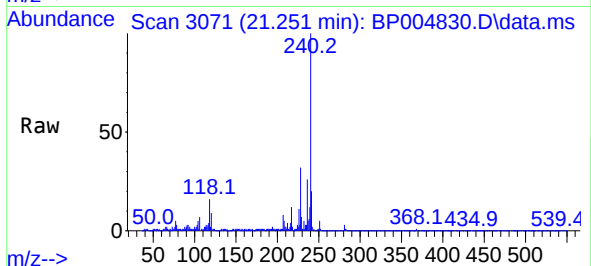
#75
 Fluoranthene
 Concen: 41.57 ng
 RT: 19.180 min Scan# 2719
 Delta R.T. 0.000 min
 Lab File: BP004830.D
 Acq: 19 Feb 2021 19:48

Tgt Ion:	202	Resp:	704039
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.4
203	17.0	0.0	37.8

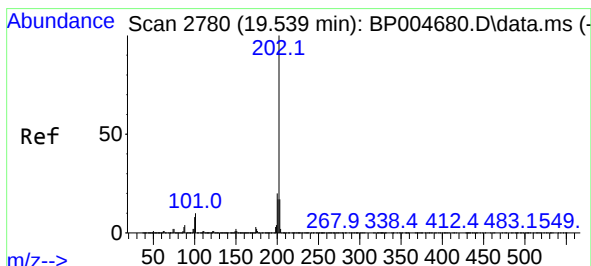
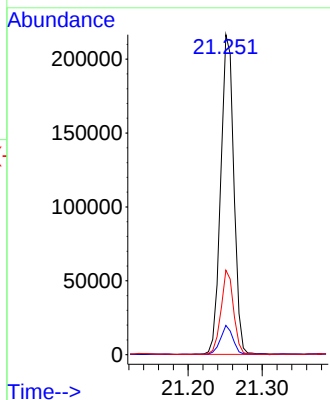
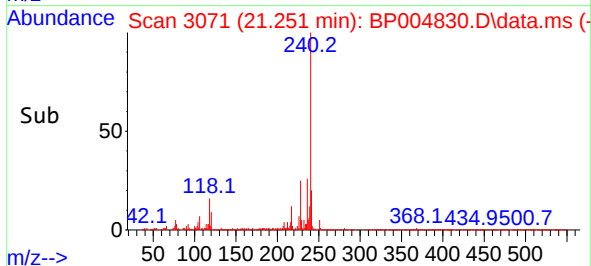




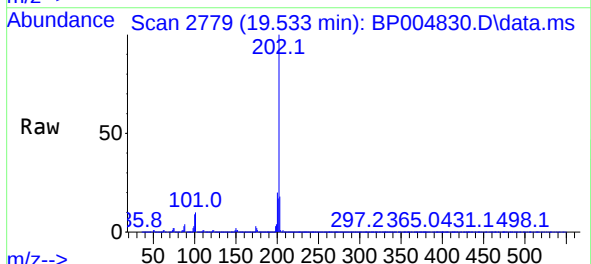
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48



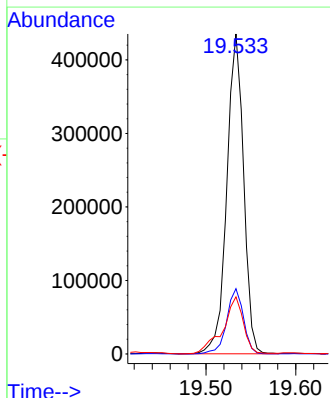
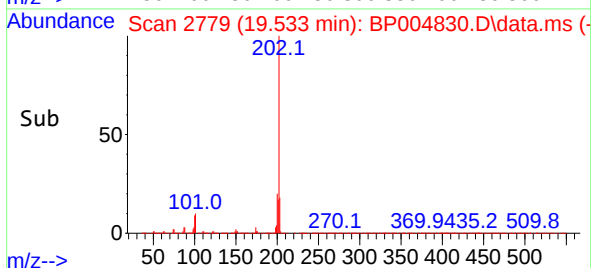
Tgt Ion:240 Resp: 266035
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 26.4 20.8 31.2



#78
Pyrene
Concen: 30.15 ng
RT: 19.533 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48



Tgt Ion:202 Resp: 565677
Ion Ratio Lower Upper
202 100
200 20.4 17.1 25.7
203 17.9 14.2 21.2

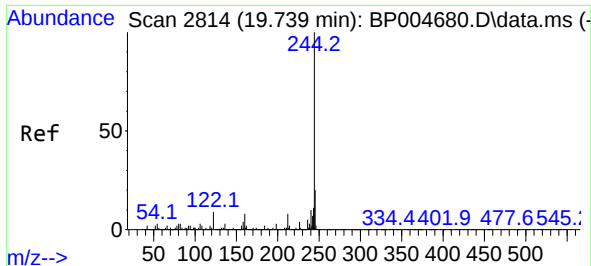


Instrument :
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ClientSampleId :
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#79
Terphenyl-d14
Concen: 46.47 ng
RT: 19.733 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

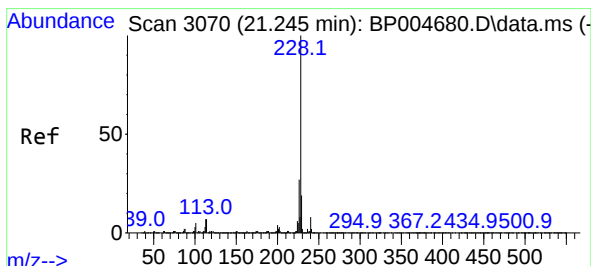
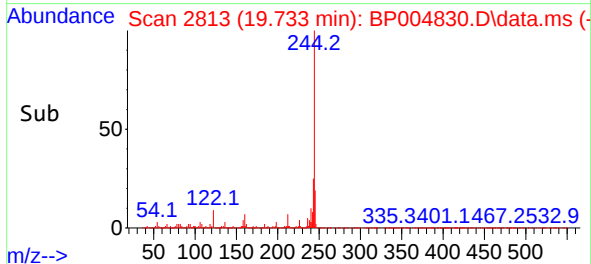
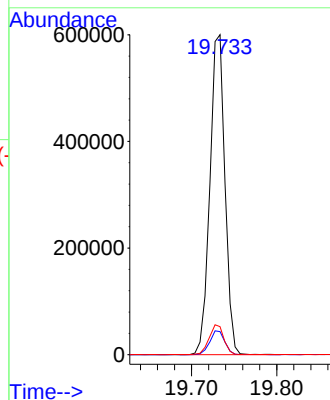
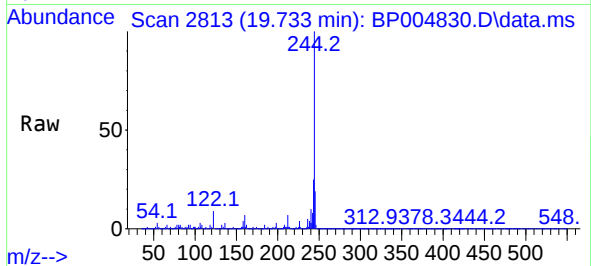
Tgt Ion:244 Resp: 736027
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.8 7.8 11.8

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

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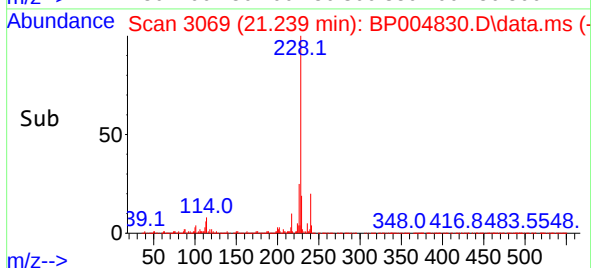
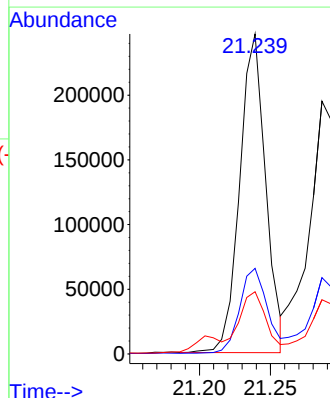
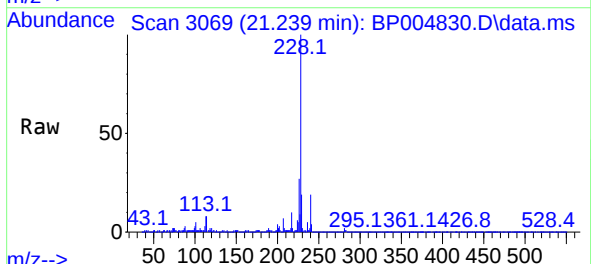
mohammad

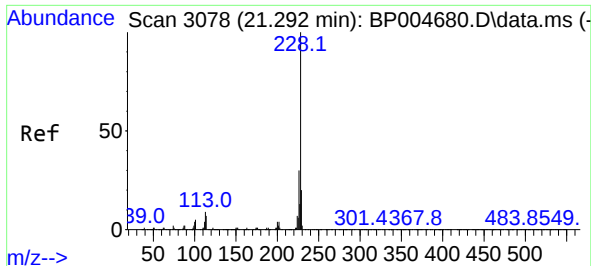
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#81
Benzo(a)anthracene
Concen: 16.61 ng
RT: 21.239 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Tgt Ion:228 Resp: 313460
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.5 15.9 23.9





#83
Chrysene
Concen: 15.22 ng m
RT: 21.286 min Scan# 3077
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

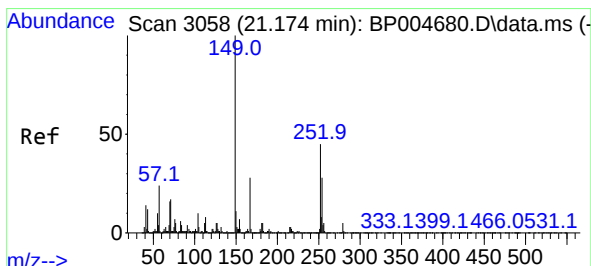
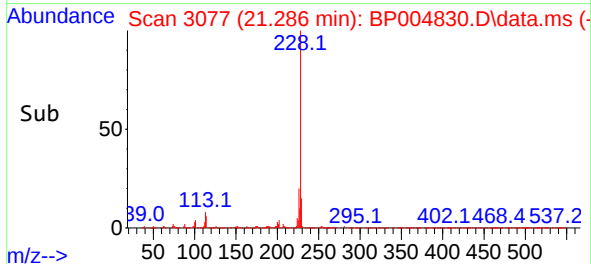
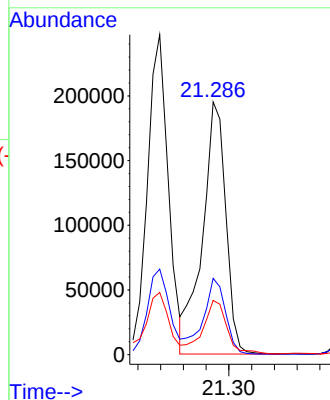
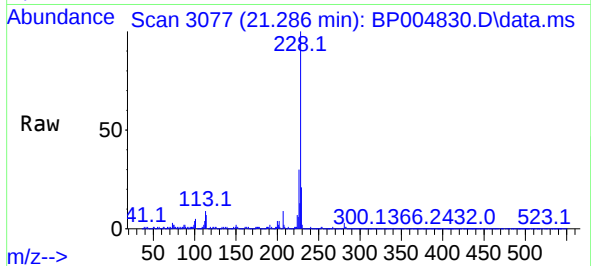
Tgt Ion:	228	Resp:	278051
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	21.4	15.8	23.6

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

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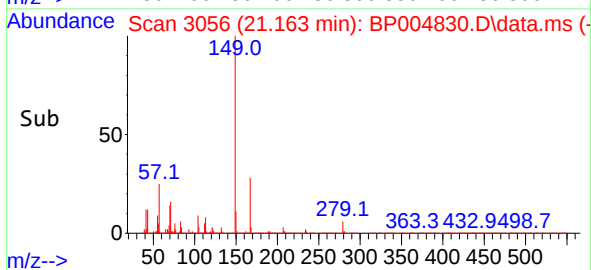
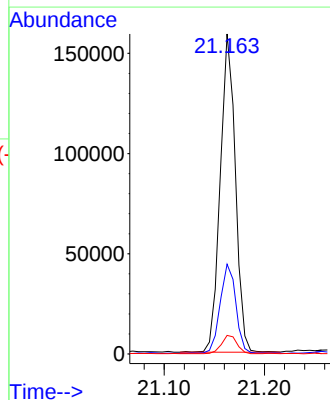
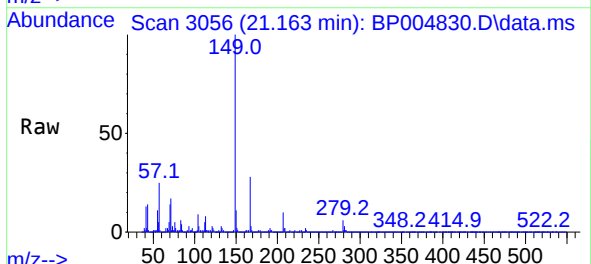
mohammad

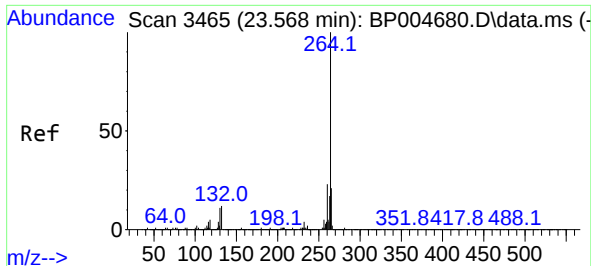
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#84
Bis(2-ethylhexyl)phthalate
Concen: 14.96 ng
RT: 21.163 min Scan# 3056
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Tgt Ion:	149	Resp:	166440
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.6	34.0
279	5.8	4.2	6.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.557 min Scan# 3463
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

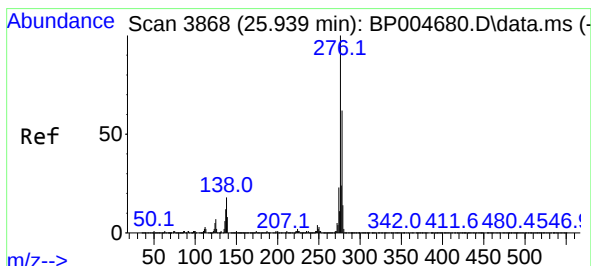
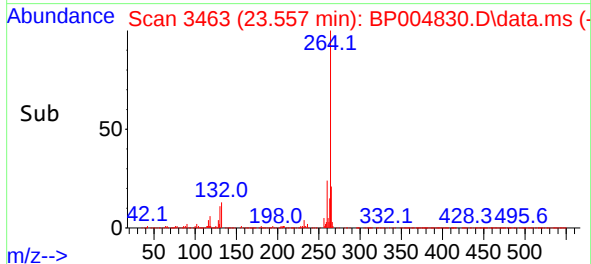
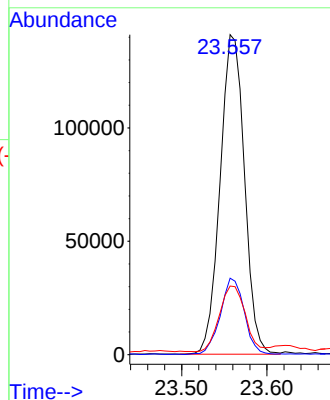
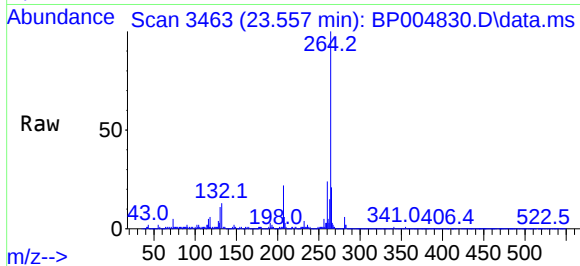
Tgt Ion:	264	Resp:	279302
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.8	28.2
265	21.4	17.4	26.2

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

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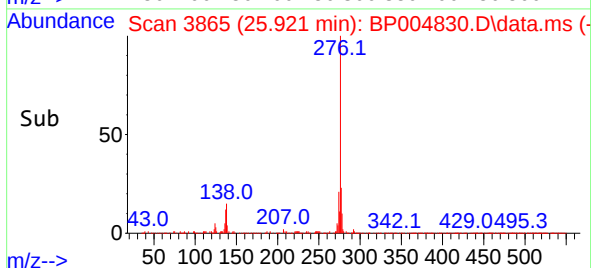
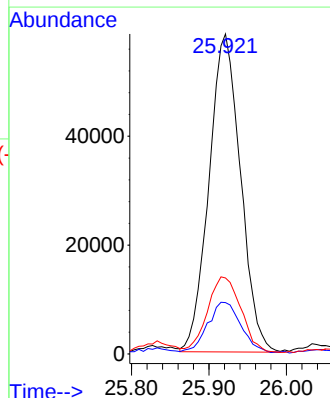
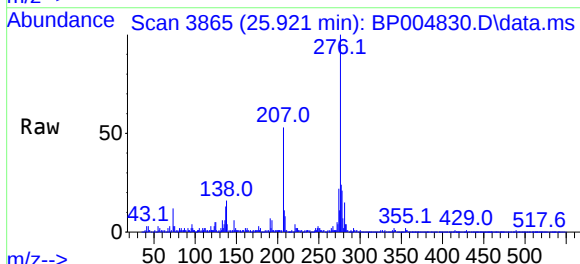
mohammad

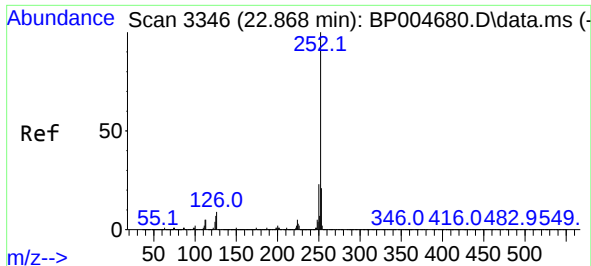
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.41 ng
RT: 25.921 min Scan# 3865
Delta R.T. -0.006 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Tgt Ion:	276	Resp:	165278
Ion Ratio	Lower	Upper	
276	100		
138	16.5	18.7	28.1#
277	25.1	20.4	30.6





#88
Benzo(b)fluoranthene
Concen: 17.70 ng m
RT: 22.863 min Scan# 3345
Delta R.T. 0.006 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

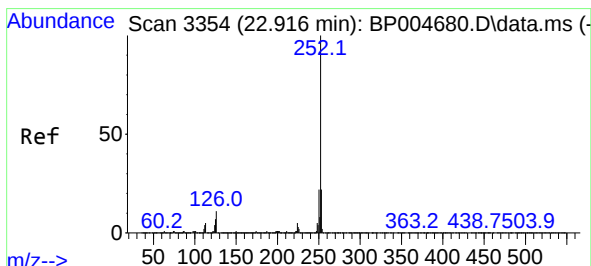
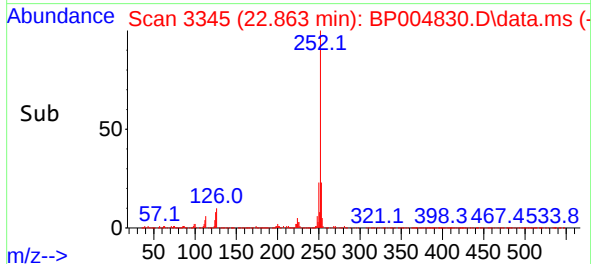
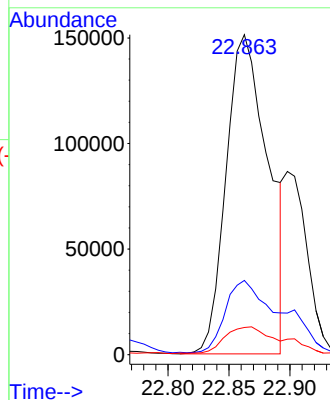
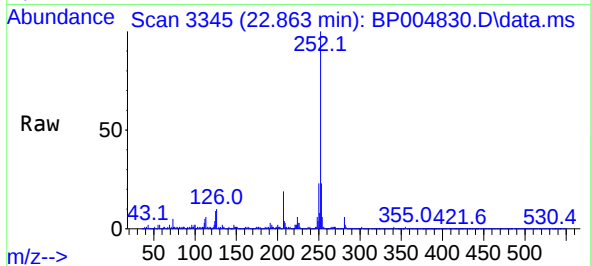
Tgt Ion:252 Resp: 362188
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 8.5 7.3 10.9

Instrument :
BNA_P
ClientSampled :
SP-227-233-A

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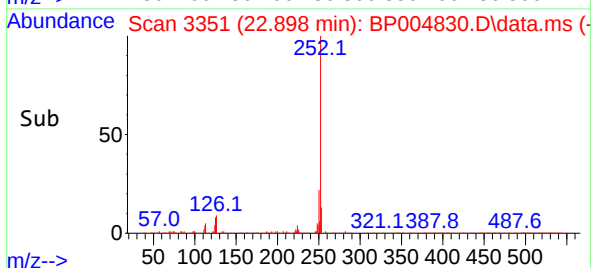
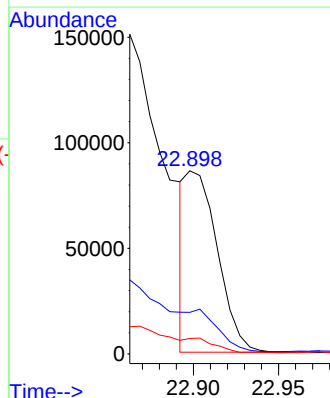
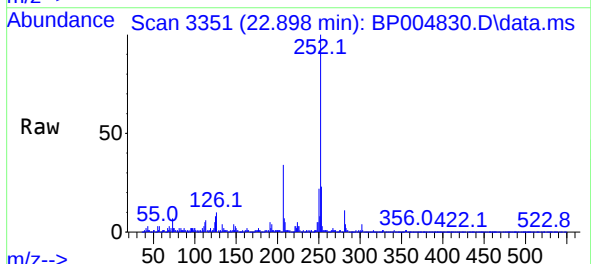
mohammad

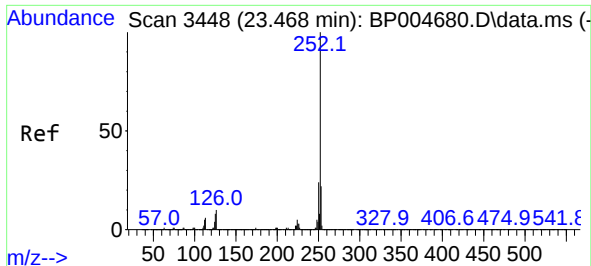
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#89
Benzo(k)fluoranthene
Concen: 5.61 ng m
RT: 22.898 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Tgt Ion:252 Resp: 110144
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 8.5 7.4 11.2





#90
Benzo(a)pyrene
Concen: 13.28 ng
RT: 23.457 min Scan# 3446
Delta R.T. 0.000 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

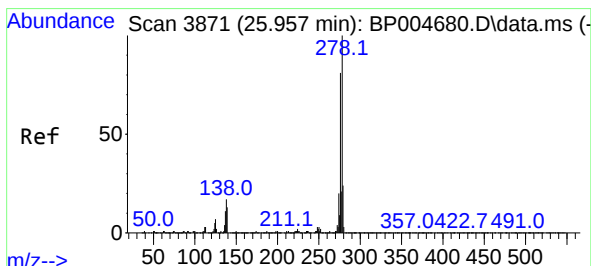
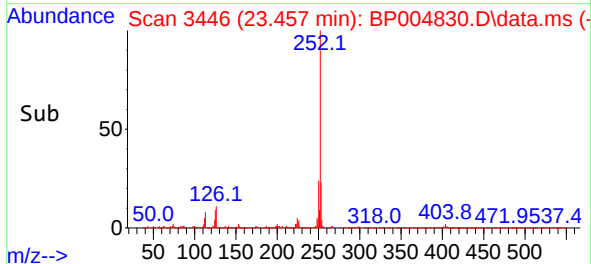
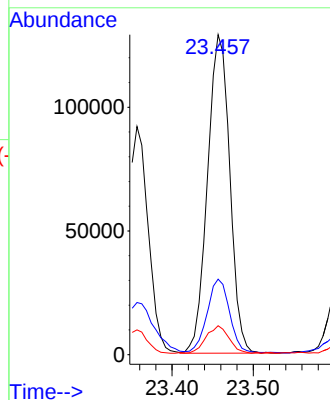
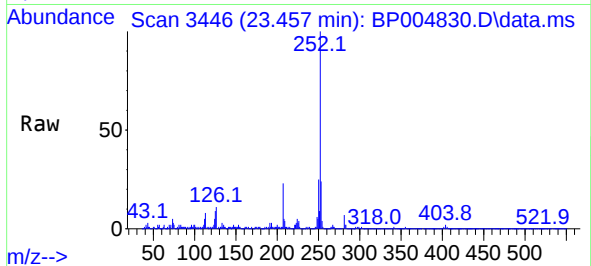
Tgt Ion:	252	Resp:	245550
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	9.1	8.2	12.4

Instrument :
BNA_P
ClientSampleId :
SP-227-233-A

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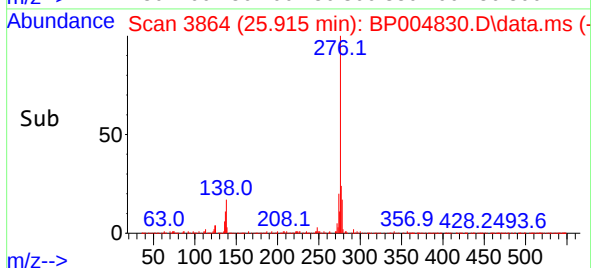
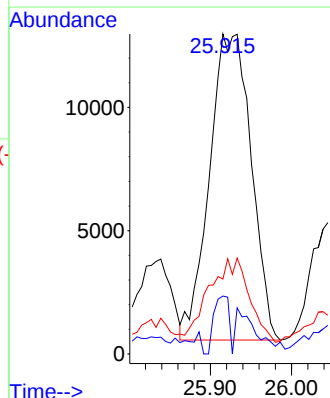
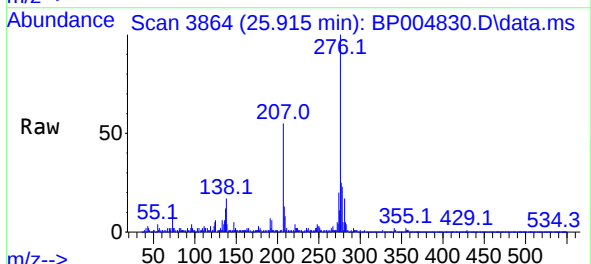
mohammad

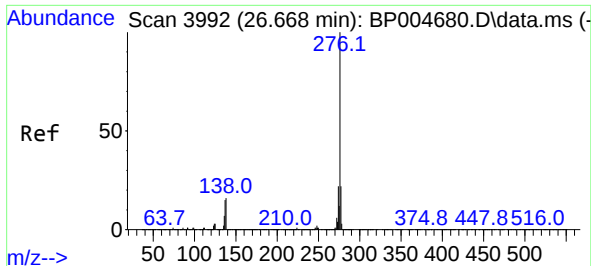
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#91
Dibenzo(a,h)anthracene
Concen: 2.38 ng
RT: 25.915 min Scan# 3864
Delta R.T. -0.023 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

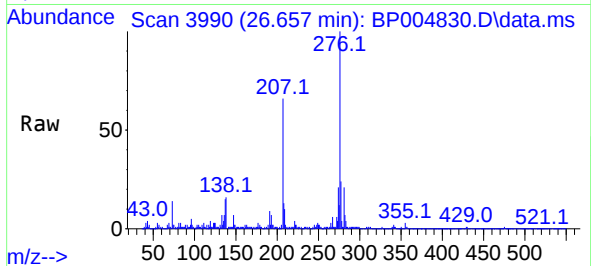
Tgt Ion:	278	Resp:	44330
Ion Ratio	Lower	Upper	
278	100		
139	18.1	12.4	18.6
279	23.4	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 8.70 ng
RT: 26.657 min Scan# 3990
Delta R.T. 0.006 min
Lab File: BP004830.D
Acq: 19 Feb 2021 19:48

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:276 Resp: 155305
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 15.7 16.6 24.8#

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