

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005675.D
 Acq On : 02 Jun 2021 20:38
 Operator : CG/JU
 Sample : M2580-14 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B5(2-4)

Manual Integrations
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6/3/2021 11:08:29 AM

Quant Time: Jun 03 02:43:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	365272	20.00	ng	0.00
21) Naphthalene-d8	10.798	136	1405878	20.00	ng	# 0.00
39) Acenaphthene-d10	14.616	164	870719	20.00	ng	0.00
64) Phenanthrene-d10	17.357	188	1726298	20.00	ng	# 0.00
76) Chrysene-d12	21.427	240	1543444	20.00	ng	# 0.00
86) Perylene-d12	23.880	264	1757568	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	803460	34.20	ng	0.00
7) Phenol-d6	7.152	99	972901	30.38	ng	0.00
23) Nitrobenzene-d5	9.152	82	599337	23.71	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	545121	48.82	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	1547646	23.52	ng	0.00
79) Terphenyl-d14	19.898	244	2122127	25.80	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.069	163	177045	2.56	ng	98
52) Acenaphthene	14.675	154	172378	2.96	ng	97
58) Fluorene	15.657	166	213174	2.99	ng	99
71) Phenanthrene	17.404	178	3775630	35.11	ng	100
72) Anthracene	17.492	178	1042679	9.82	ng	100
73) Carbazole	17.757	167	248772	2.38	ng	99
75) Fluoranthene	19.357	202	5182169	40.14	ng	95
78) Pyrene	19.710	202	4758115	43.69	ng	98
80) Butylbenzylphthalate	20.569	149	20404	4.55	ng	99
81) Benzo(a)anthracene	21.410	228	2650897	23.40	ng	97
83) Chrysene	21.463	228	2361238	21.53	ng	97
84) Bis(2-ethylhexyl)phtha...	21.327	149	172037	2.80	ng	99
87) Indeno(1,2,3-cd)pyrene	26.451	276	1706393	11.41	ng	# 95
88) Benzo(b)fluoranthene	23.133	252	3167871	24.84	ng	# 97
89) Benzo(k)fluoranthene	23.174	252	1035503m	8.57	ng	
90) Benzo(a)pyrene	23.768	252	2412324	20.79	ng	# 93
91) Dibenzo(a,h)anthracene	26.456	278	467619	3.60	ng	# 84
92) Benzo(g,h,i)perylene	27.251	276	1669798	13.34	ng	# 94

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

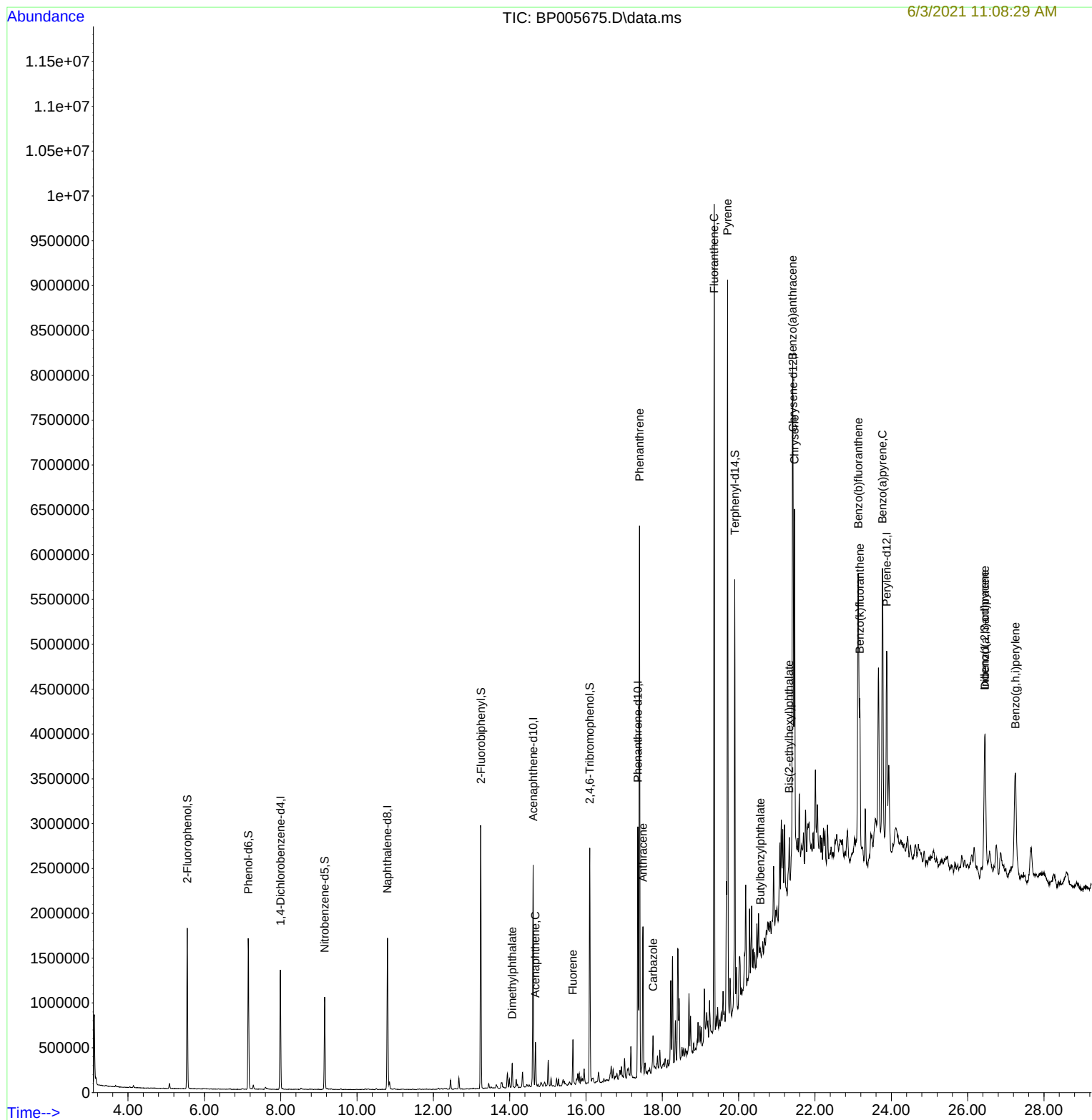
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
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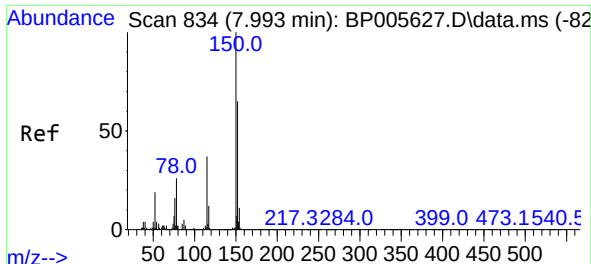
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.993 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

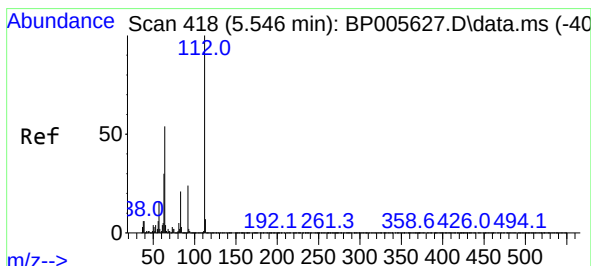
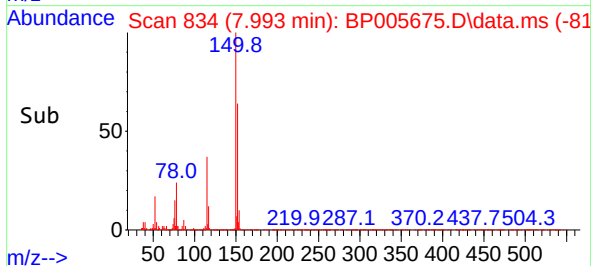
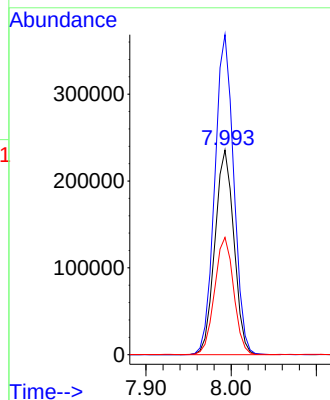
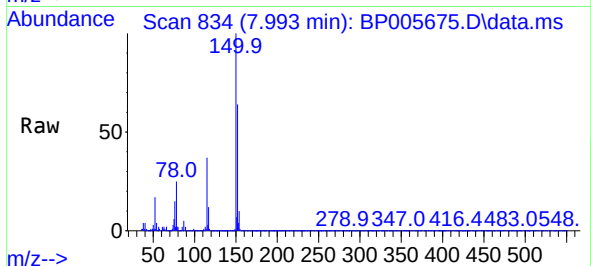
Tgt Ion:152 Resp: 365272
Ion Ratio Lower Upper
152 100
150 156.4 119.8 179.8
115 57.3 49.0 73.4

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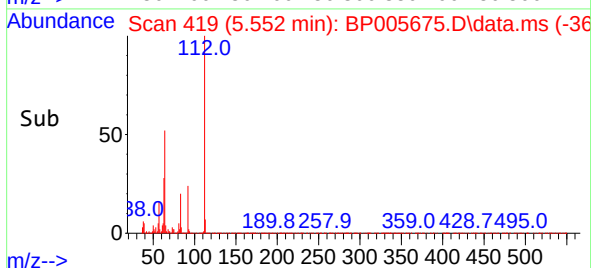
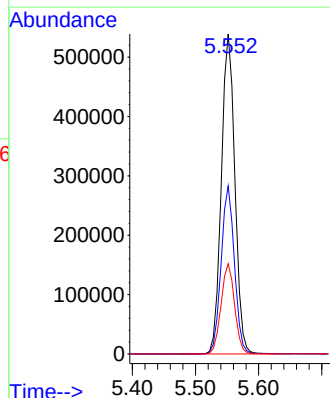
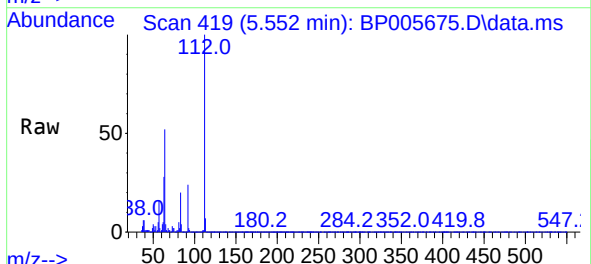
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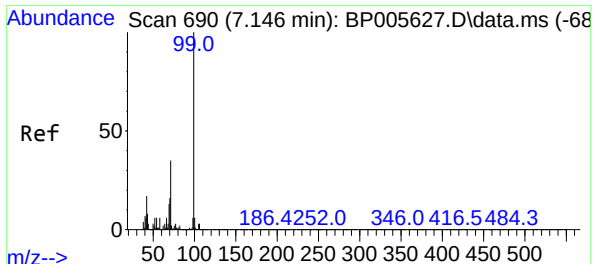
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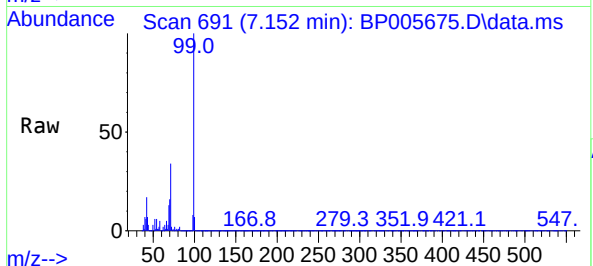
#5
2-Fluorophenol
Concen: 34.20 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

Tgt Ion:112 Resp: 803460
Ion Ratio Lower Upper
112 100
64 52.5 33.6 50.4#
63 28.2 18.6 27.8#

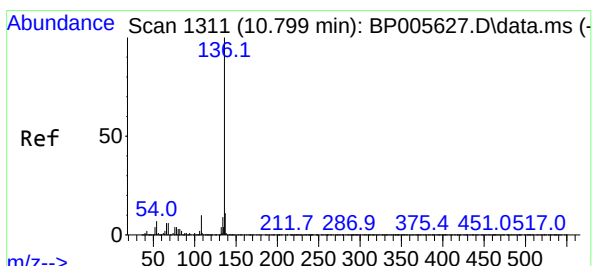
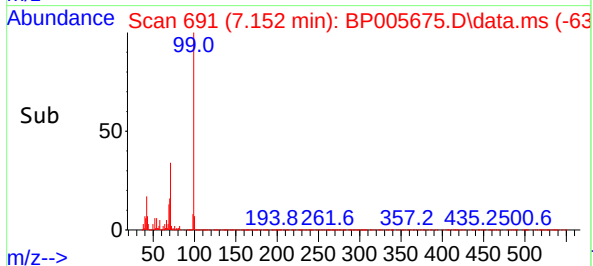
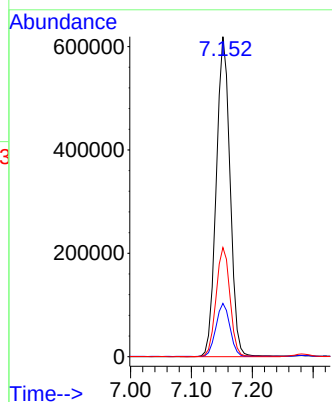




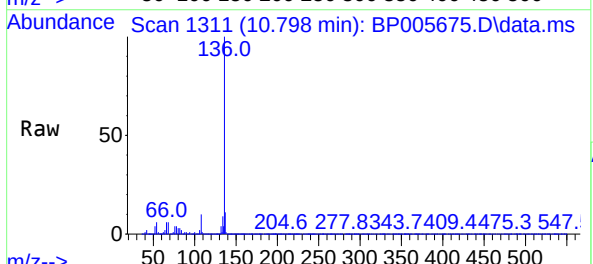
#7
Phenol-d6
Concen: 30.38 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38



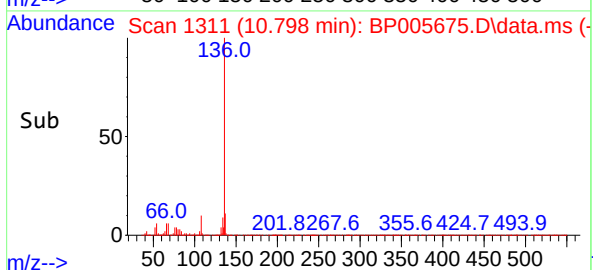
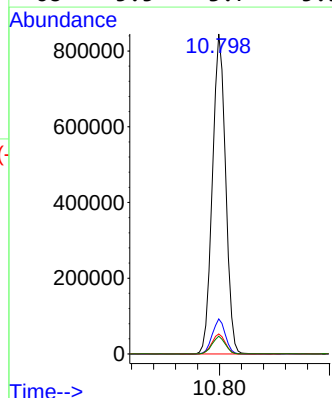
Tgt Ion: 99 Resp: 972901
Ion Ratio Lower Upper
99 100
42 16.7 12.9 19.3
71 34.1 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.798 min Scan# 1311
Delta R.T. -0.001 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38



Tgt Ion: 136 Resp: 1405878
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.3 5.0 7.4
68 5.5 3.7 5.5#

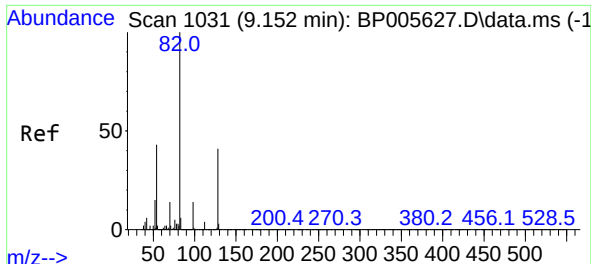


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#23
Nitrobenzene-d5
Concen: 23.71 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

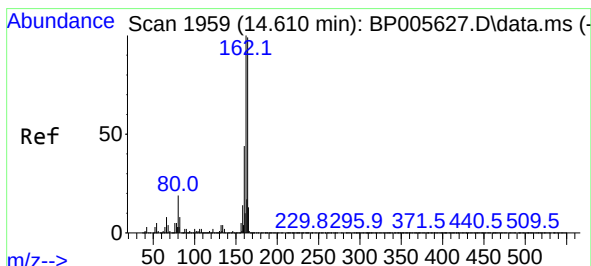
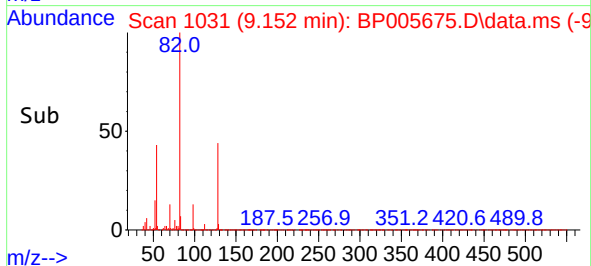
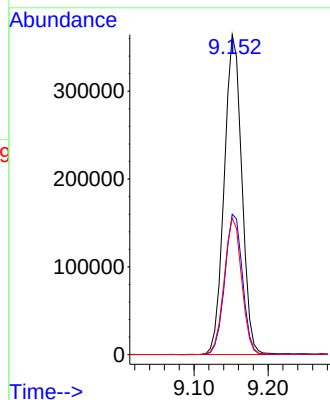
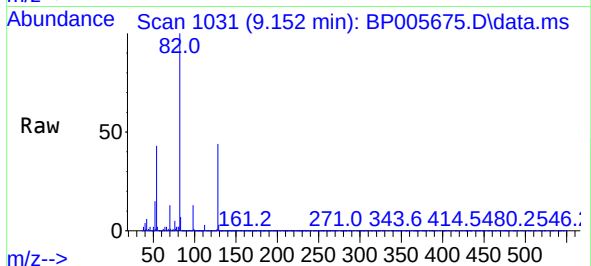
Tgt Ion: 82 Resp: 599337
Ion Ratio Lower Upper
82 100
128 43.9 30.5 45.7
54 42.7 33.9 50.9

Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

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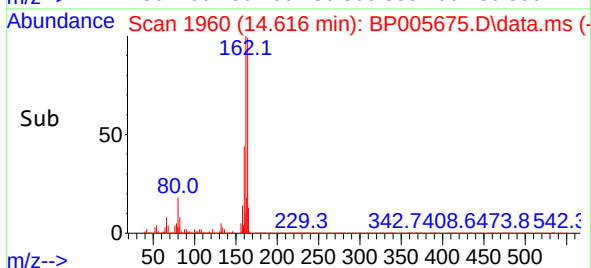
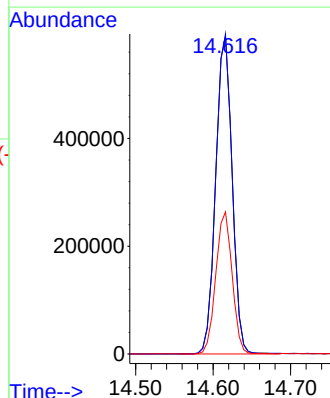
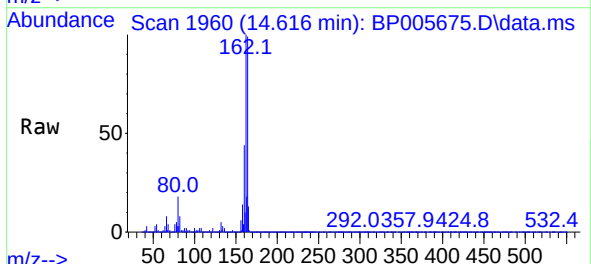
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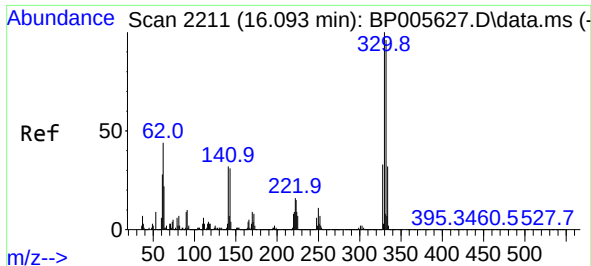
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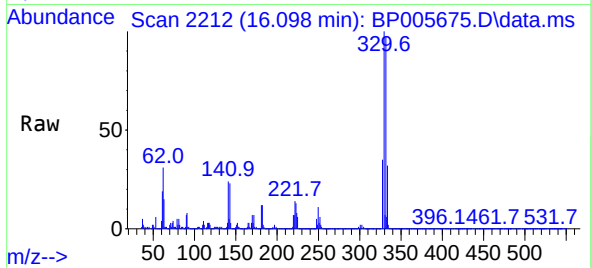
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

Tgt Ion:164 Resp: 870719
Ion Ratio Lower Upper
164 100
162 100.7 73.5 110.3
160 44.7 40.6 61.0

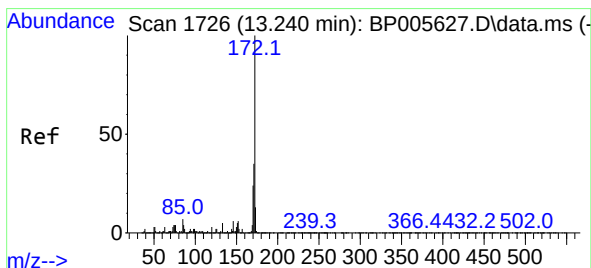
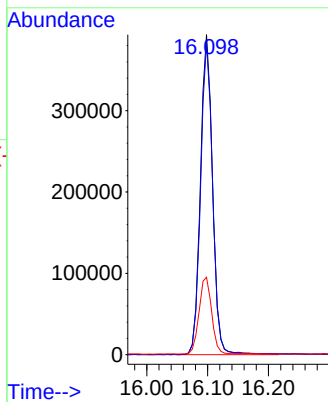
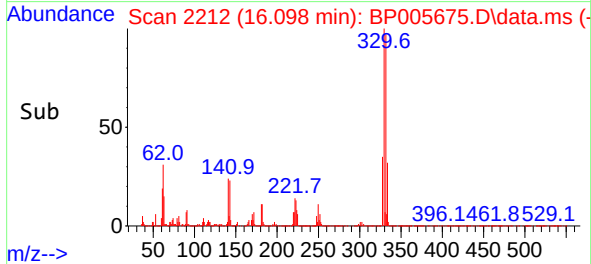




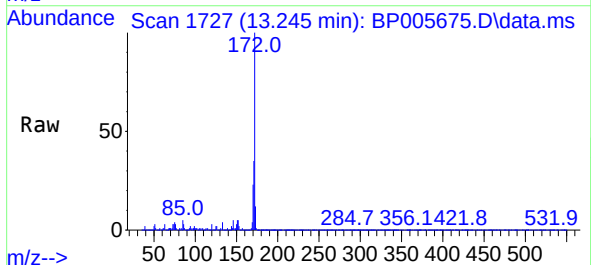
#42
2,4,6-Tribromophenol
Concen: 48.82 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38



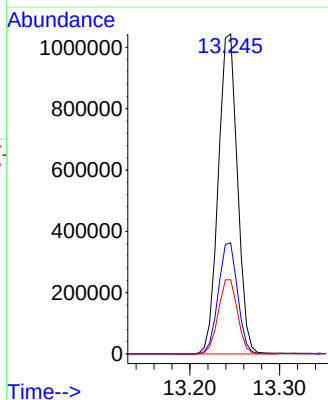
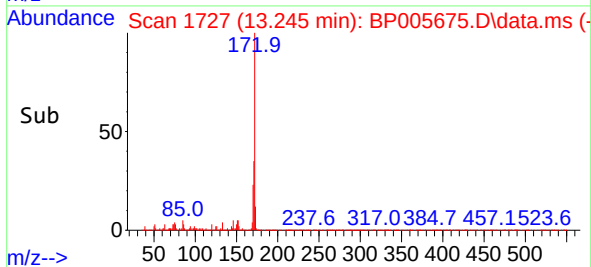
Tgt Ion: 330 Resp: 545121
Ion Ratio Lower Upper
330 100
332 96.6 76.3 114.5
141 24.9 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 23.52 ng
RT: 13.245 min Scan# 1727
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38



Tgt Ion: 172 Resp: 1547646
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.2 19.6 29.4

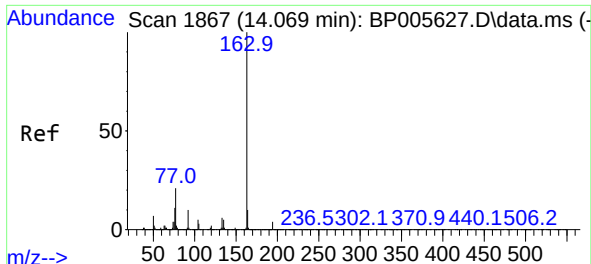


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#50
Dimethylphthalate
Concen: 2.56 ng
RT: 14.069 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

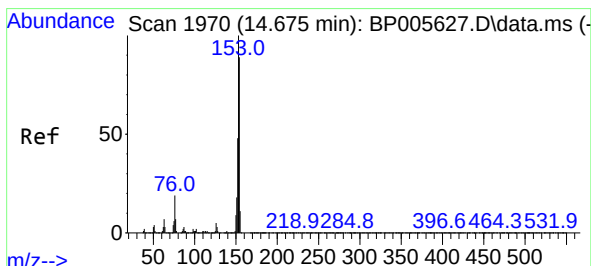
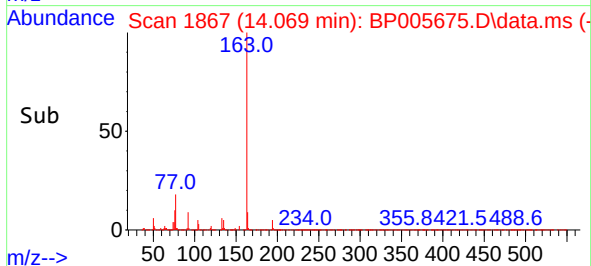
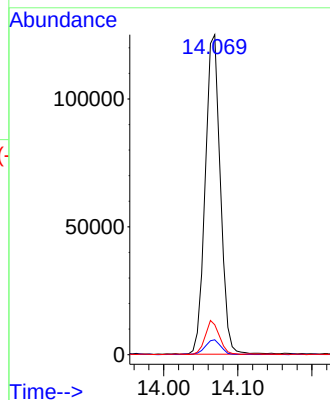
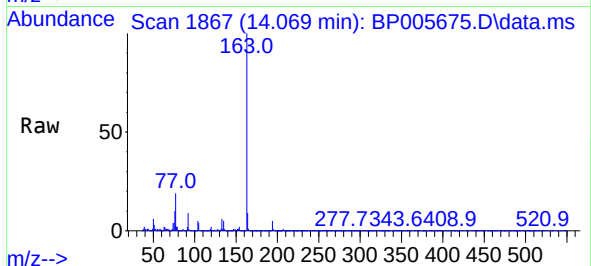
Tgt Ion:	163	Resp:	177045
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.9	5.9
164	9.3	8.1	12.1

Instrument :
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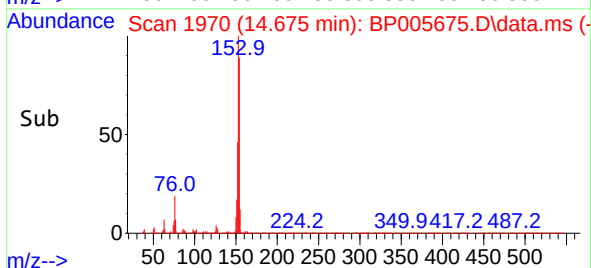
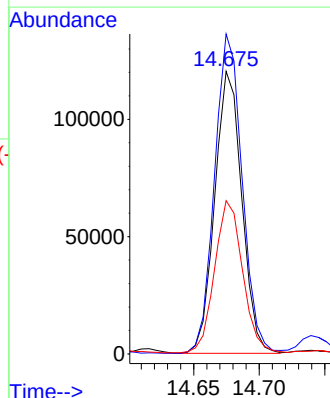
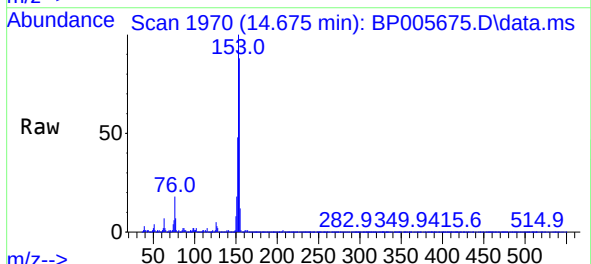
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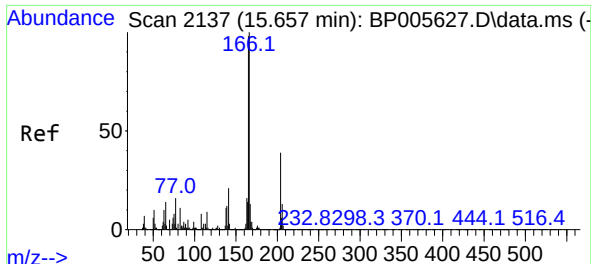
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#52
Acenaphthene
Concen: 2.96 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

Tgt Ion:	154	Resp:	172378
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.9	136.3
152	54.2	48.5	72.7





#58
Fluorene
Concen: 2.99 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

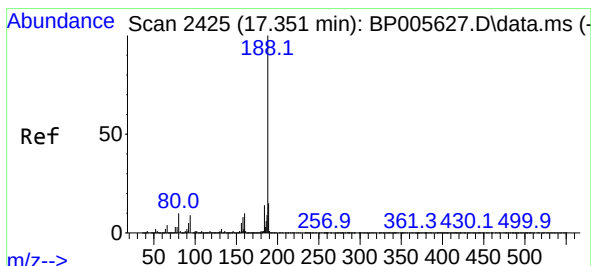
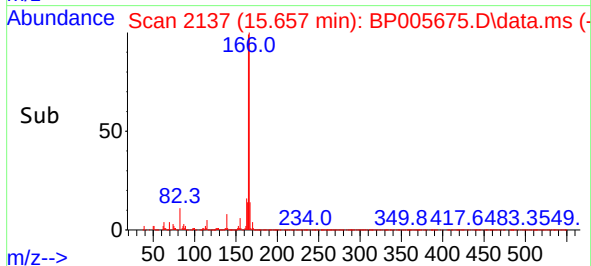
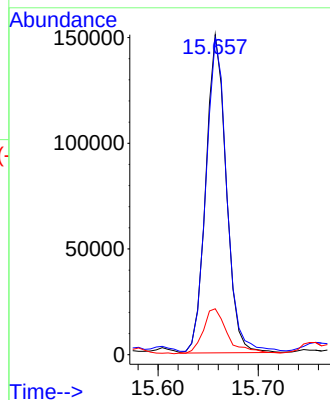
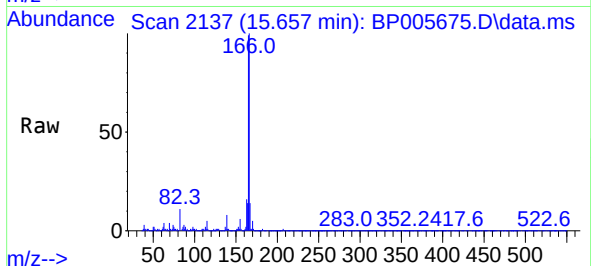
Tgt Ion:166 Resp: 213174
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 14.4 10.9 16.3

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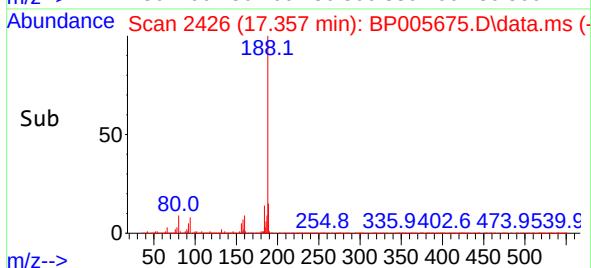
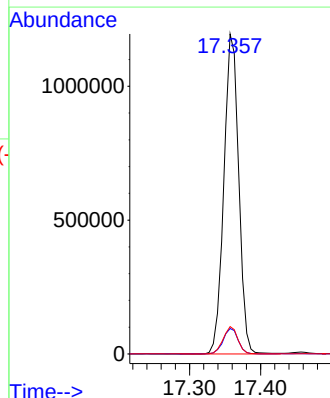
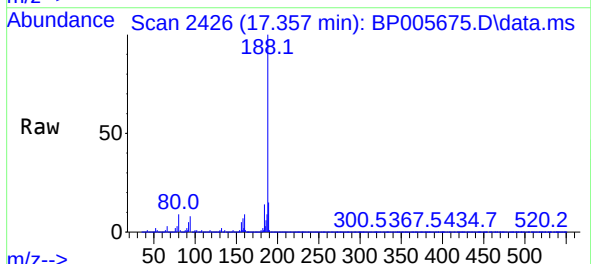
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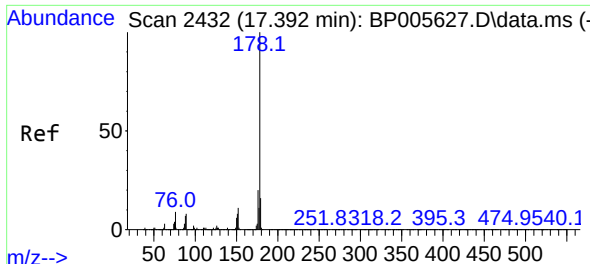
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

Tgt Ion:188 Resp: 1726298
Ion Ratio Lower Upper
188 100
94 8.0 5.0 7.6#
80 8.6 5.9 8.9





#71
Phenanthrene
Concen: 35.11 ng
RT: 17.404 min Scan# 2434
Delta R.T. 0.012 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

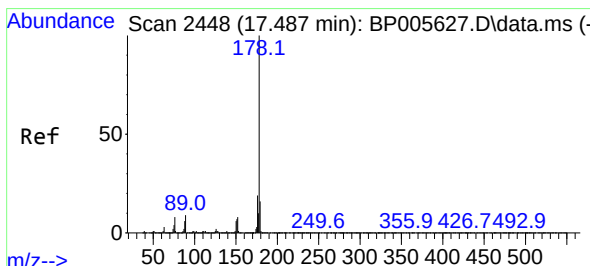
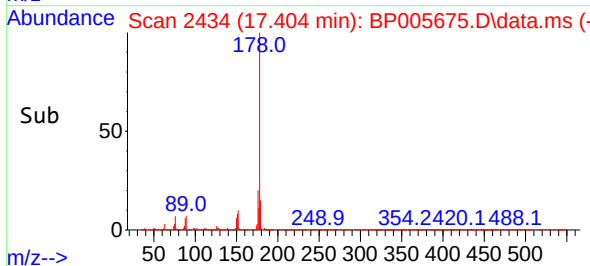
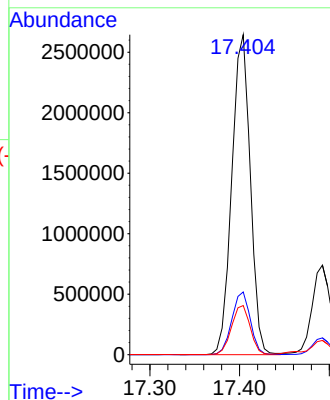
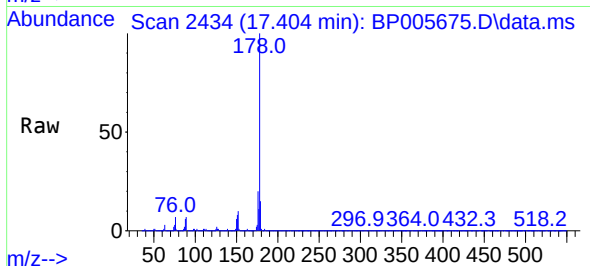
Tgt Ion:178 Resp: 3775630
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.4 12.3 18.5

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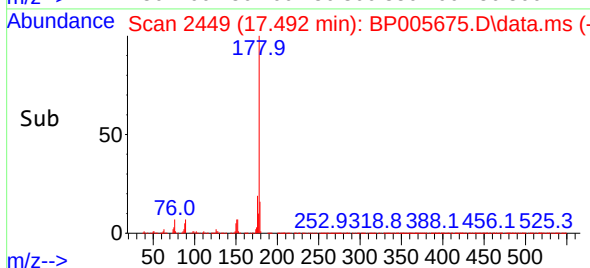
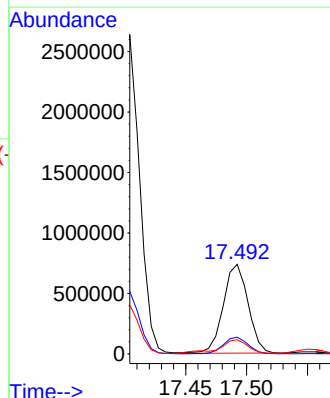
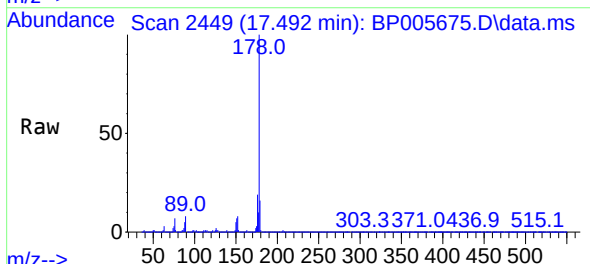
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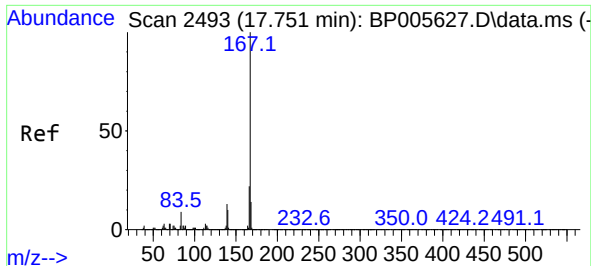
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#72
Anthracene
Concen: 9.82 ng
RT: 17.492 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

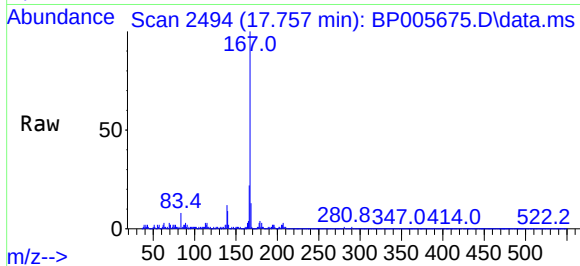
Tgt Ion:178 Resp: 1042679
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 2.38 ng
 RT: 17.757 min Scan# 2494
 Delta R.T. 0.006 min
 Lab File: BP005675.D
 Acq: 02 Jun 2021 20:38

Instrument :
 BNA_P
 ClientSampleId :
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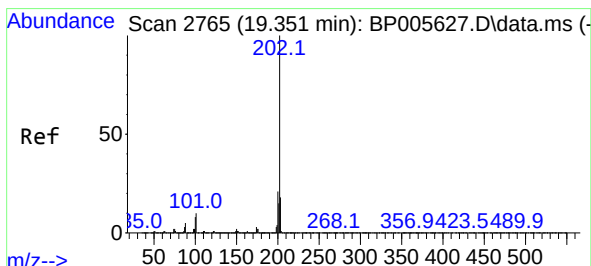
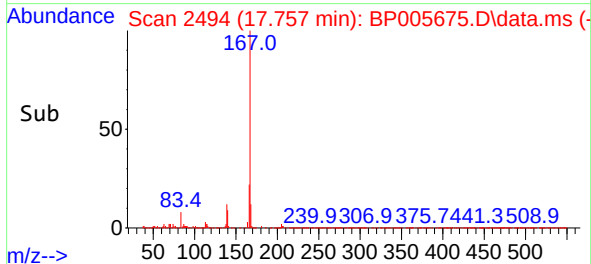
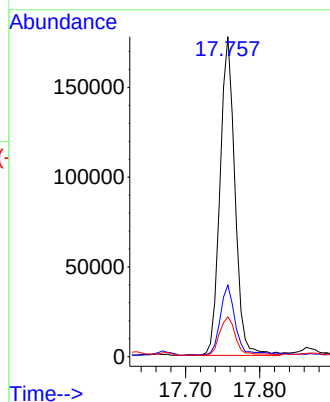


Tgt Ion:167 Resp: 248772
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 12.5 10.4 15.6

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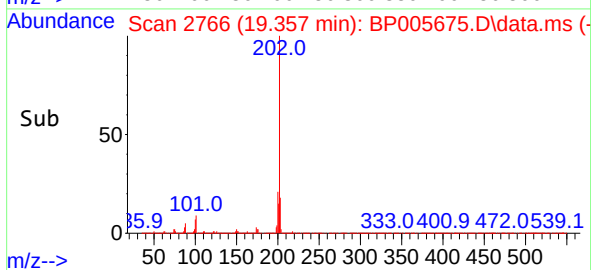
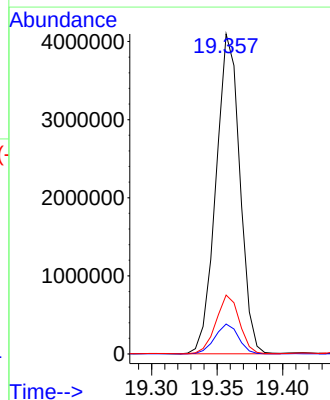
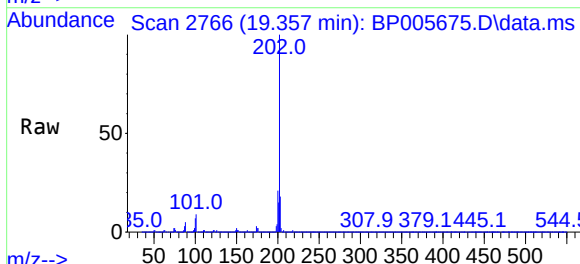
mohammad

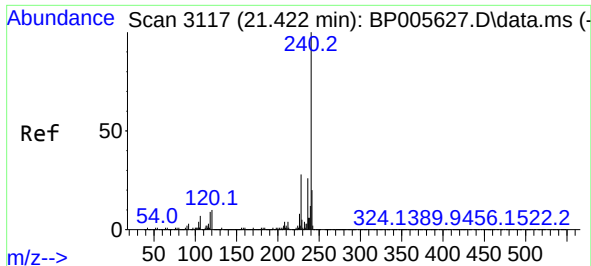
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#75
 Fluoranthene
 Concen: 40.14 ng
 RT: 19.357 min Scan# 2766
 Delta R.T. 0.006 min
 Lab File: BP005675.D
 Acq: 02 Jun 2021 20:38

Tgt Ion:202 Resp: 5182169
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 26.1
 203 18.4 0.0 37.2





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.005 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

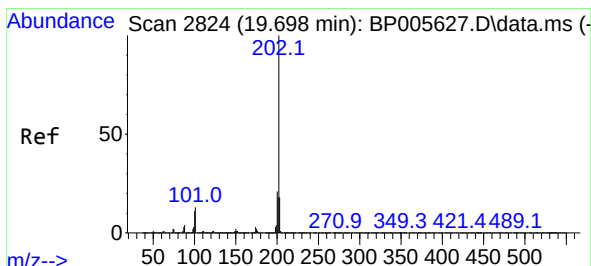
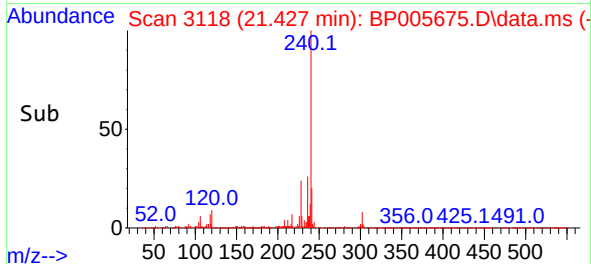
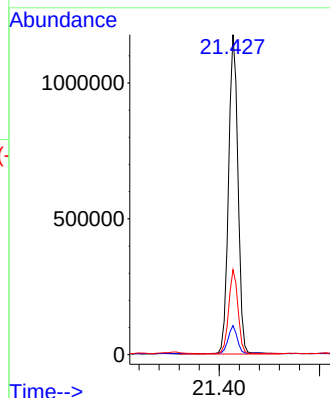
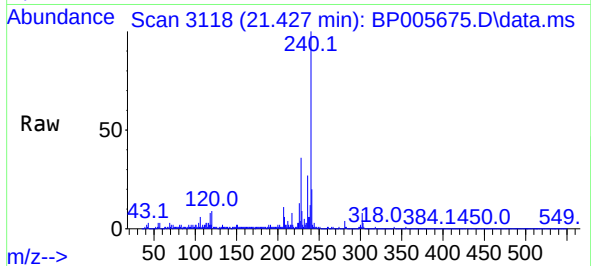
Tgt Ion:240 Resp: 1543444
Ion Ratio Lower Upper
240 100
120 9.1 4.2 6.2#
236 26.5 20.2 30.2

Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

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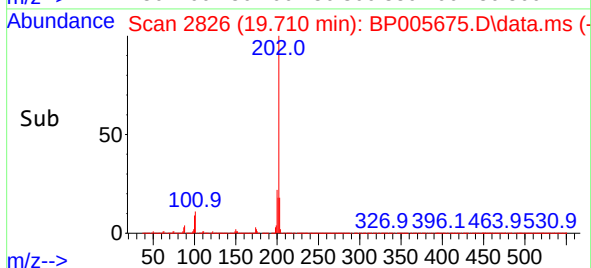
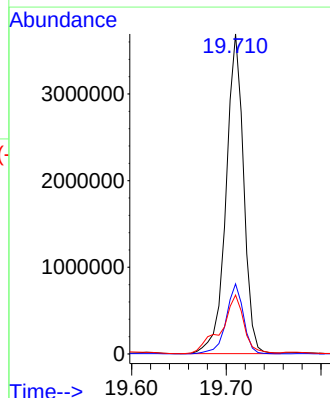
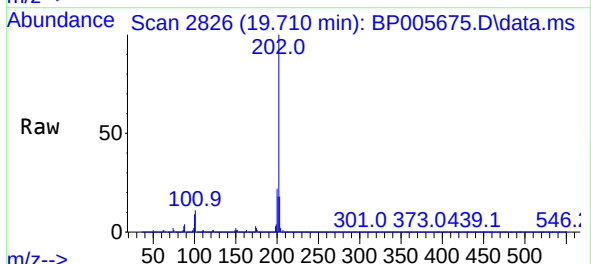
mohammad

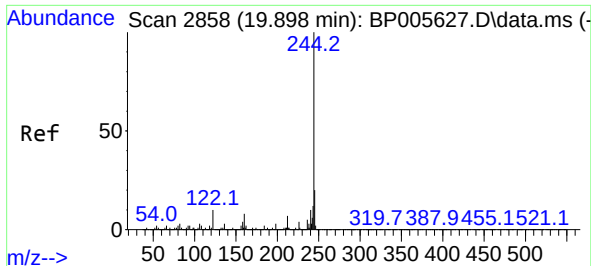
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#78
Pyrene
Concen: 43.69 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.012 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

Tgt Ion:202 Resp: 4758115
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 18.4 13.8 20.6





#79
Terphenyl-d14
Concen: 25.80 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

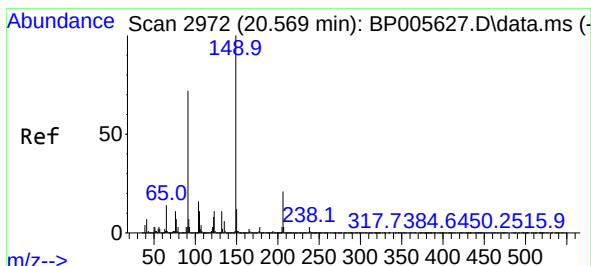
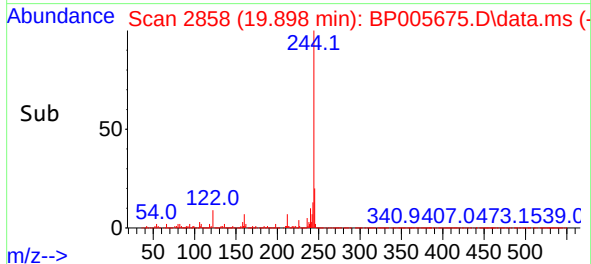
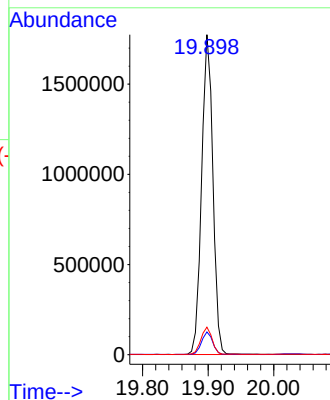
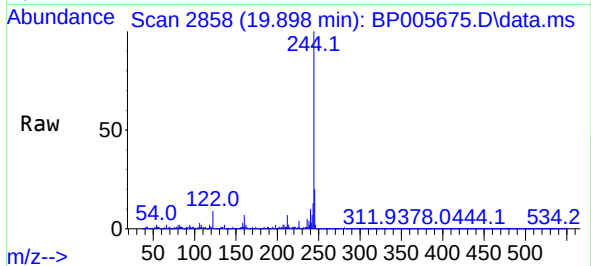
Tgt Ion:244 Resp: 2122127
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 8.6 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
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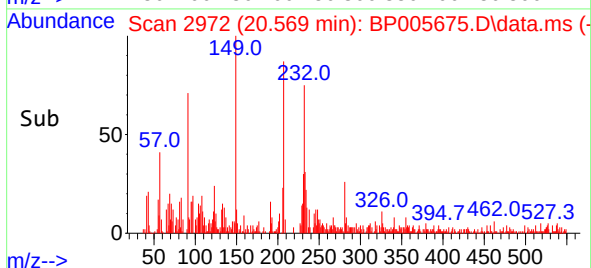
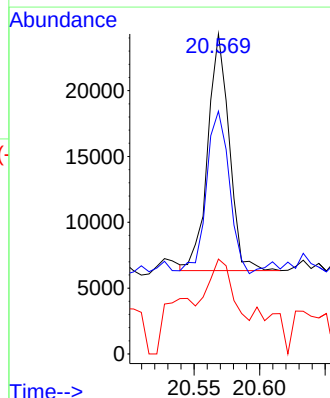
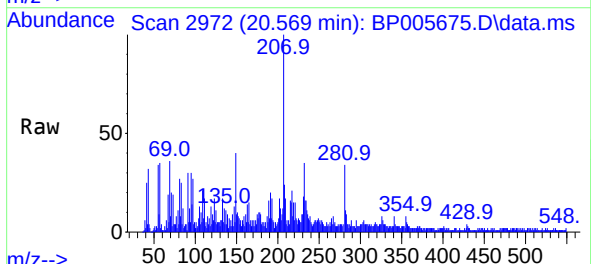
mohammad

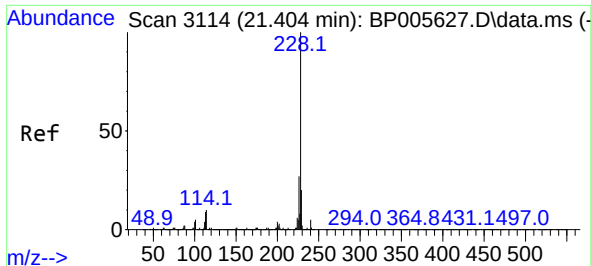
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#80
Butylbenzylphthalate
Concen: 4.55 ng
RT: 20.569 min Scan# 2972
Delta R.T. -0.000 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

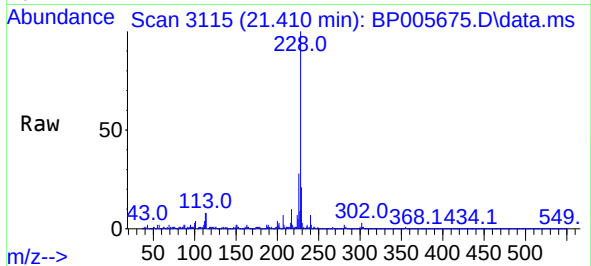
Tgt Ion:149 Resp: 20404
Ion Ratio Lower Upper
149 100
91 75.9 60.2 90.4
206 29.7 23.9 35.9





#81
Benzo(a)anthracene
Concen: 23.40 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

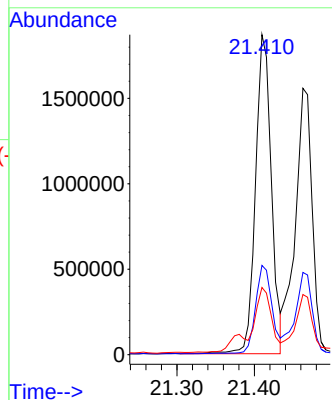
Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)



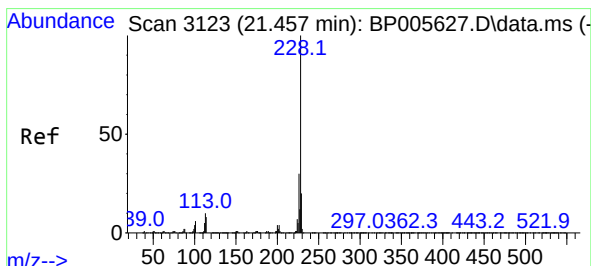
Tgt Ion:228 Resp: 2650897
Ion Ratio Lower Upper
228 100
226 27.9 21.2 31.8
229 21.0 15.6 23.4

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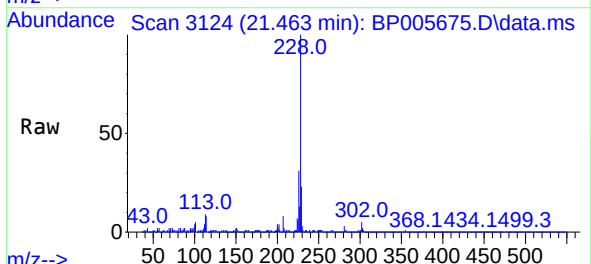
mohammad



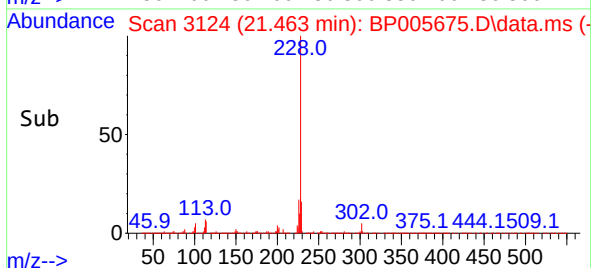
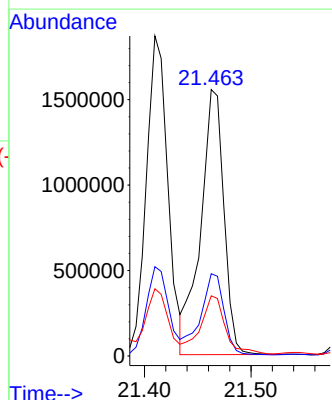
6/3/2021 11:08:29 AM

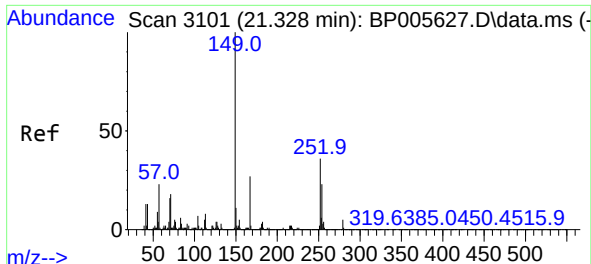


#83
Chrysene
Concen: 21.53 ng
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38



Tgt Ion:228 Resp: 2361238
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.6 15.4 23.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.80 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

Tgt Ion:149 Resp: 172037

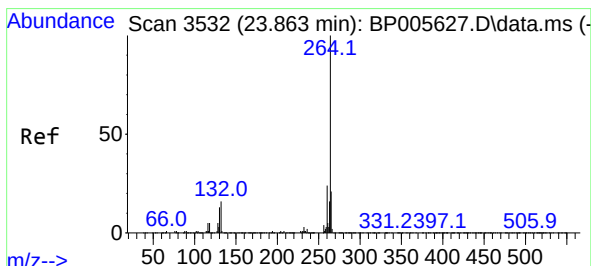
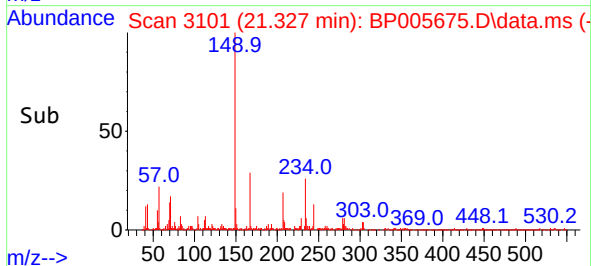
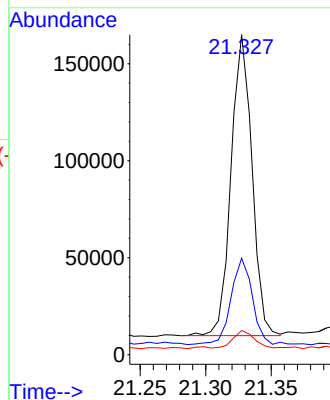
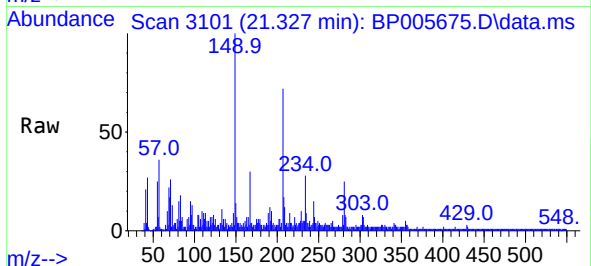
Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.8	35.8
279	7.6	5.7	8.5

Instrument :
BNA_P
ClientSampleId :
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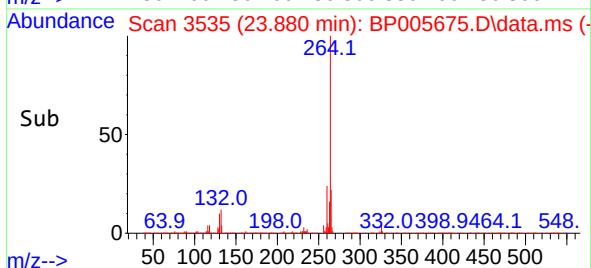
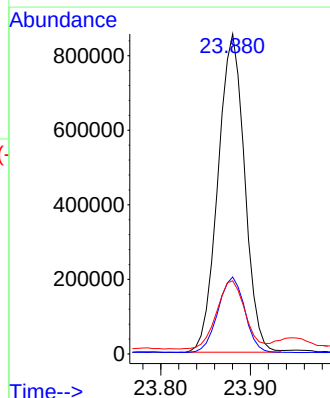
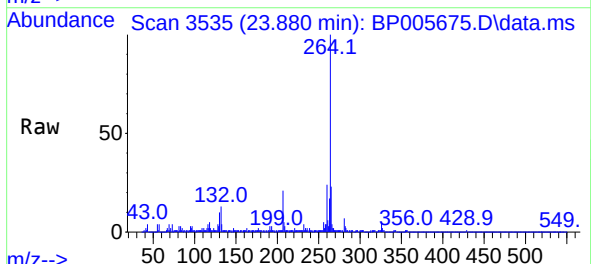
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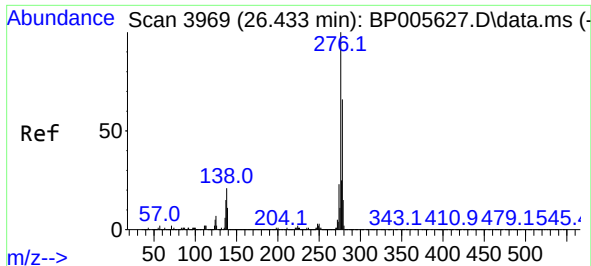


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.880 min Scan# 3535
Delta R.T. 0.017 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

Tgt Ion:264 Resp: 1757568

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.6	30.8
265	22.9	19.0	28.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 11.41 ng
RT: 26.451 min Scan# 3972
Delta R.T. 0.017 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

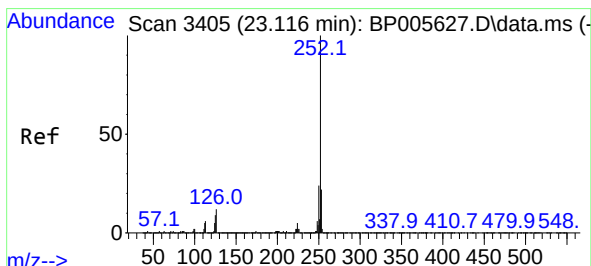
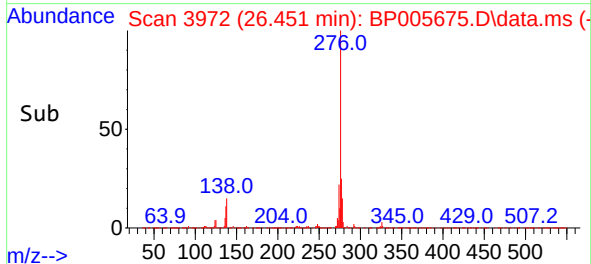
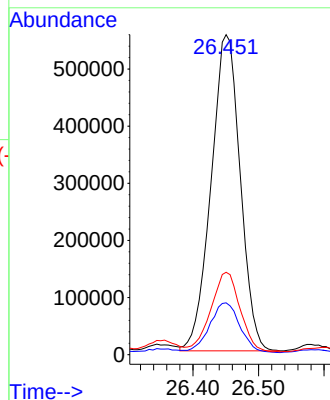
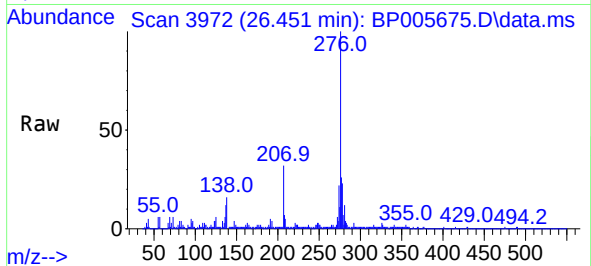
Tgt Ion: 276 Resp: 1706393
Ion Ratio Lower Upper
276 100
138 16.2 8.4 12.6#
277 25.3 20.6 31.0

Instrument :
BNA_P
ClientSampleId :
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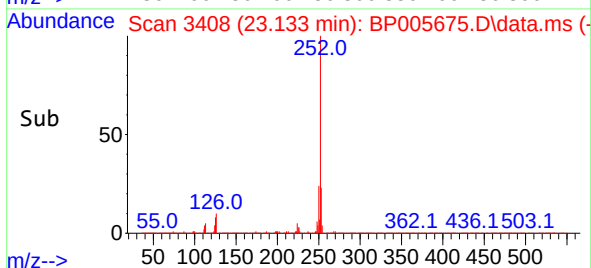
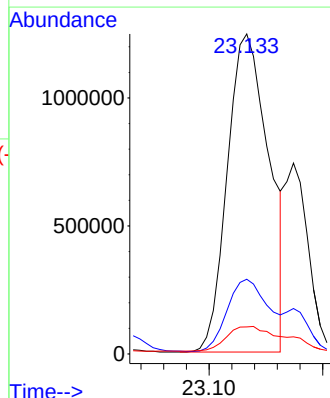
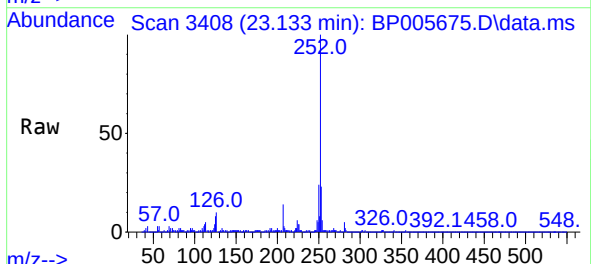
mohammad

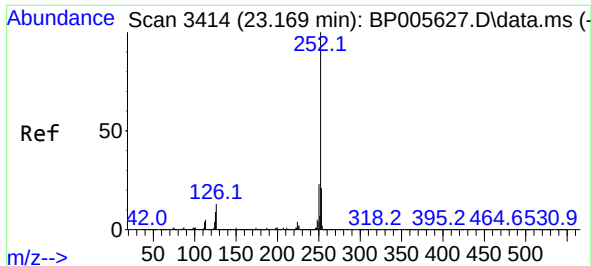
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#88
Benzo(b)fluoranthene
Concen: 24.84 ng
RT: 23.133 min Scan# 3408
Delta R.T. 0.017 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

Tgt Ion: 252 Resp: 3167871
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 8.4 3.4 5.0#





#89
Benzo(k)fluoranthene
Concen: 8.57 ng m
RT: 23.174 min Scan# 3415
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

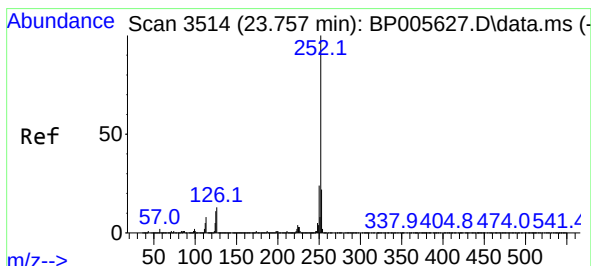
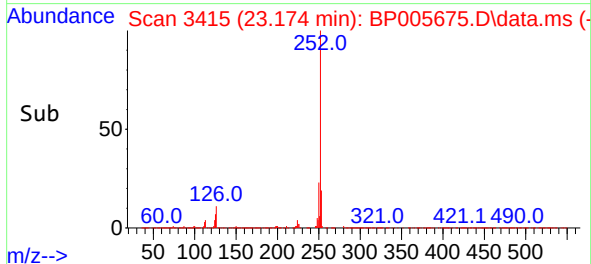
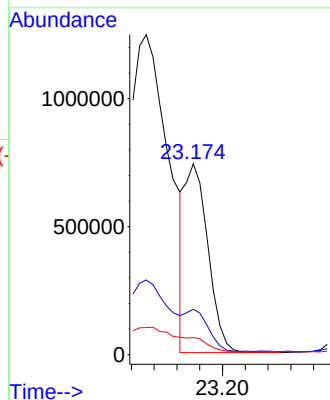
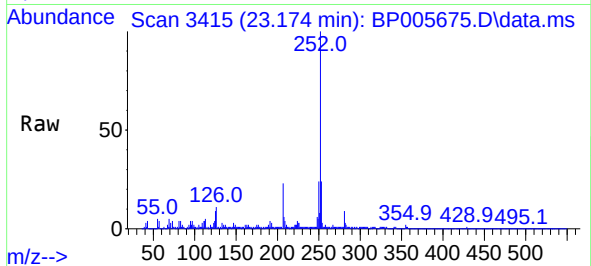
Tgt Ion:252 Resp: 1035503
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 9.0 3.8 5.6#

Instrument :
BNA_P
ClientSampleId :
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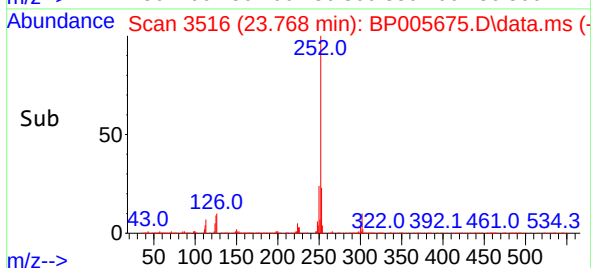
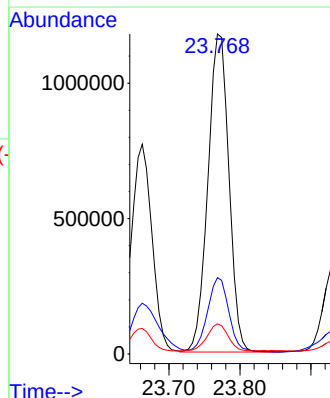
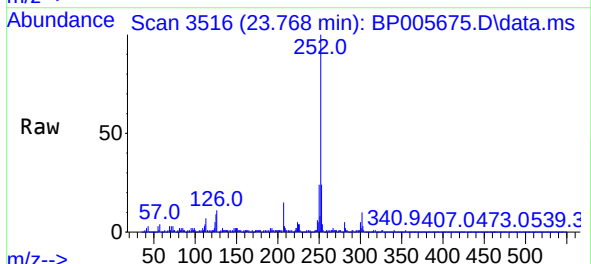
mohammad

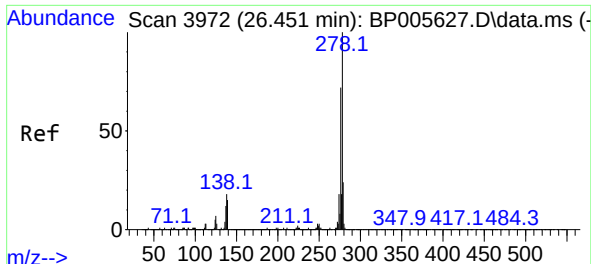
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#90
Benzo(a)pyrene
Concen: 20.79 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

Tgt Ion:252 Resp: 2412324
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 9.4 3.8 5.6#





#91
Dibenzo(a,h)anthracene
Concen: 3.60 ng
RT: 26.456 min Scan# 3973
Delta R.T. 0.006 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

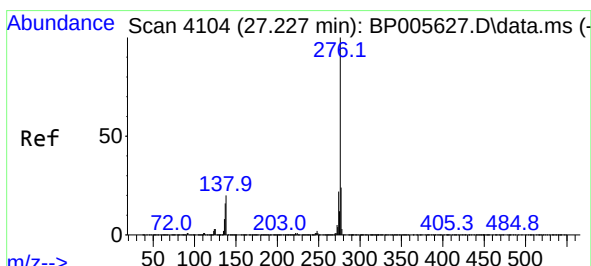
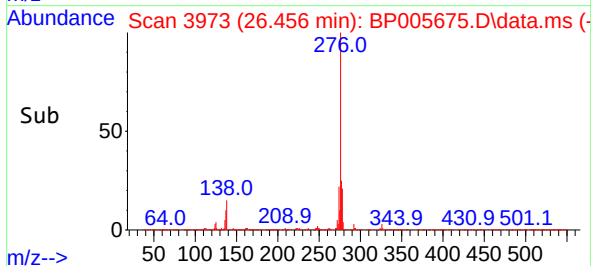
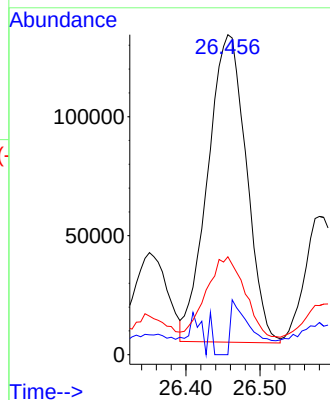
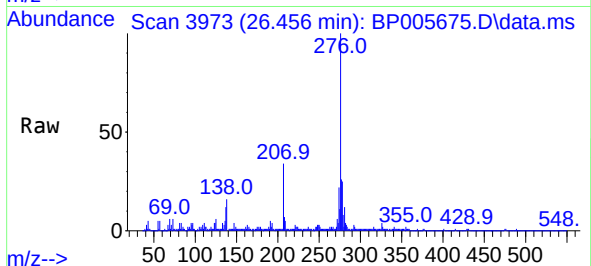
Tgt Ion:278 Resp: 467619
Ion Ratio Lower Upper
278 100
139 0.0 5.0 7.6#
279 30.6 18.6 28.0#

Instrument :
BNA_P
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 13.34 ng
RT: 27.251 min Scan# 4108
Delta R.T. 0.023 min
Lab File: BP005675.D
Acq: 02 Jun 2021 20:38

Tgt Ion:276 Resp: 1669798
Ion Ratio Lower Upper
276 100
277 24.6 19.8 29.8
138 16.4 7.7 11.5#

