

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005668.D
 Acq On : 02 Jun 2021 16:40
 Operator : CG/JU
 Sample : M2580-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B6(0-6)

Manual Integrations
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Quant Time: Jun 02 17:13:35 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	7.987	152	300226	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	1124209	20.00	ng	0.00
39) Acenaphthene-d10	14.610	164	631101	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1204459	20.00	ng	# 0.00
76) Chrysene-d12	21.422	240	1350023	20.00	ng	# 0.00
86) Perylene-d12	23.869	264	1627456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1646678	85.27	ng	0.00
7) Phenol-d6	7.152	99	2068803	78.59	ng	0.00
23) Nitrobenzene-d5	9.152	82	1321069	65.35	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	1045001	129.13	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	3121777	65.46	ng	0.00
79) Terphenyl-d14	19.898	244	4176082	58.04	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.063	163	323632	6.45	ng	99
52) Acenaphthene	14.675	154	111588	2.64	ng	98
58) Fluorene	15.651	166	134059	2.59	ng	96
71) Phenanthrene	17.398	178	2059714	27.45	ng	100
72) Anthracene	17.487	178	536091	7.24	ng	99
73) Carbazole	17.751	167	220456	3.02	ng	99
75) Fluoranthene	19.351	202	3945576	43.80	ng	96
78) Pyrene	19.704	202	3654289	38.36	ng	99
80) Butylbenzylphthalate	20.569	149	17397	4.54	ng	99
81) Benzo(a)anthracene	21.404	228	2201132	22.22	ng	97
83) Chrysene	21.463	228	1987427	20.72	ng	97
87) Indeno(1,2,3-cd)pyrene	26.433	276	1696438	12.25	ng	# 95
88) Benzo(b)fluoranthene	23.122	252	2960858m	25.07	ng	
89) Benzo(k)fluoranthene	23.163	252	1101431m	9.84	ng	
90) Benzo(a)pyrene	23.763	252	2270854	21.14	ng	# 95
91) Dibenzo(a,h)anthracene	26.439	278	449510	3.74	ng	# 81
92) Benzo(g,h,i)perylene	27.227	276	1658891	14.31	ng	# 94

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

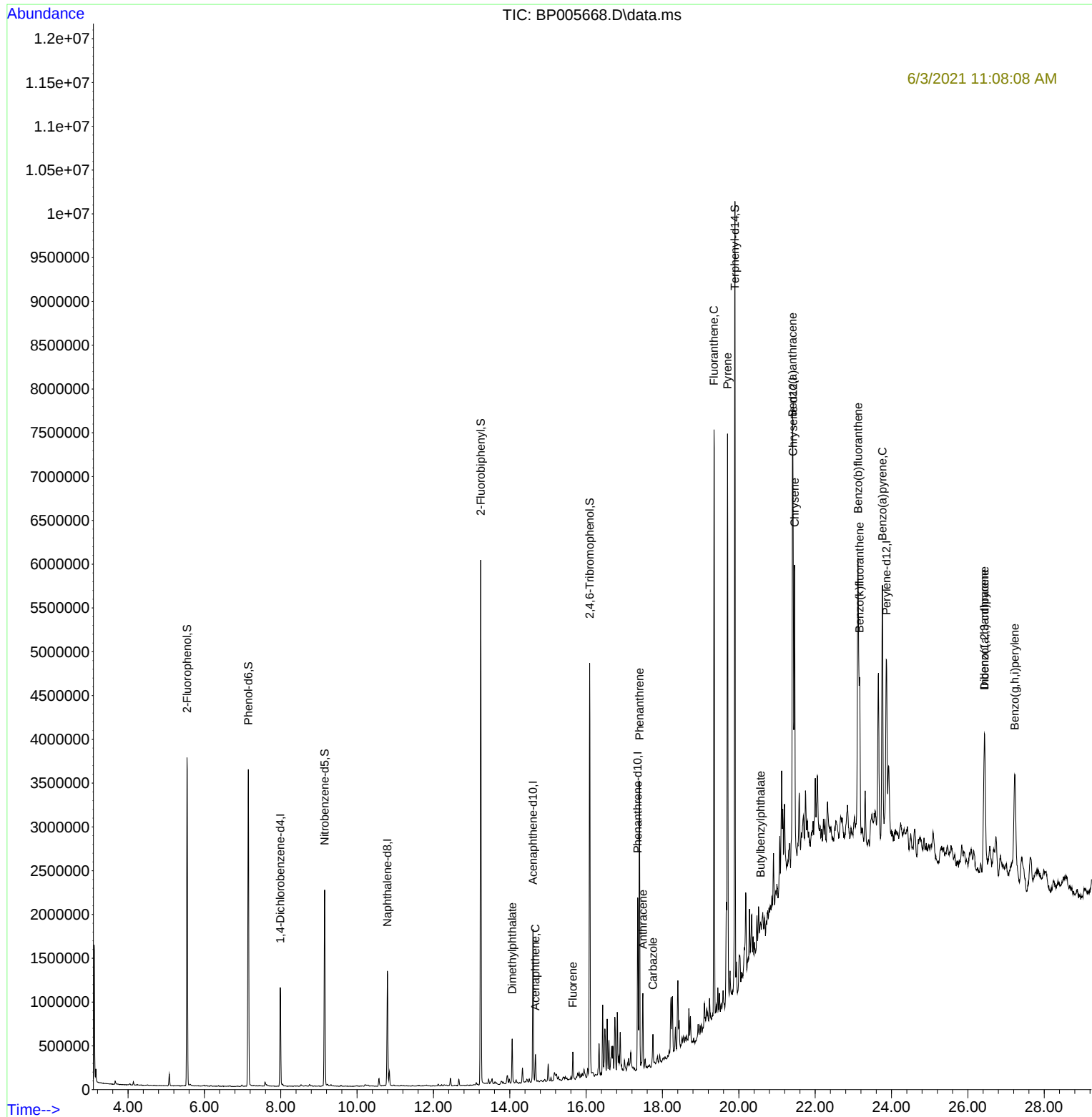
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005668.D
Acq On : 02 Jun 2021 16:40
Operator : CG/JU
Sample : M2580-16
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ALS Vial : 6 Sample Multiplier: 1

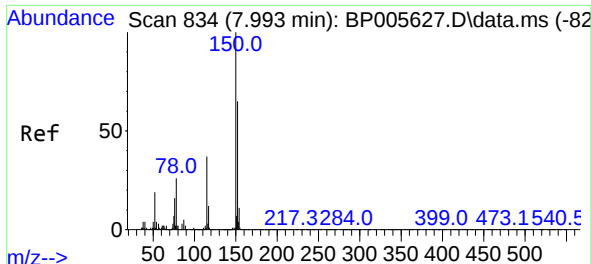
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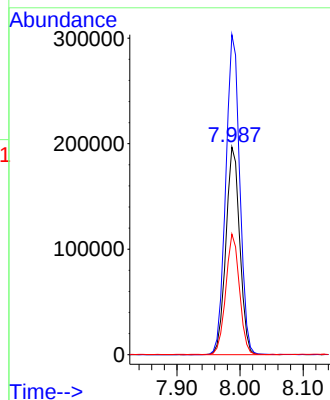
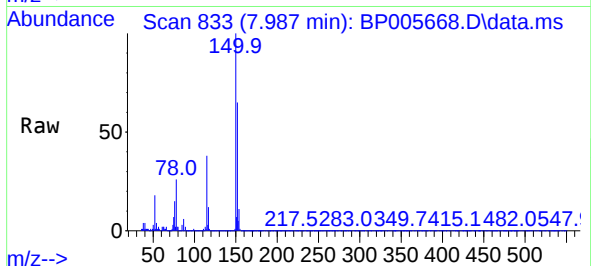
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion:152 Resp: 300226
Ion Ratio Lower Upper
152 100
150 154.0 119.8 179.8
115 58.0 49.0 73.4

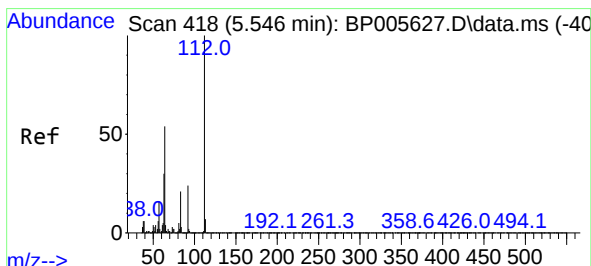
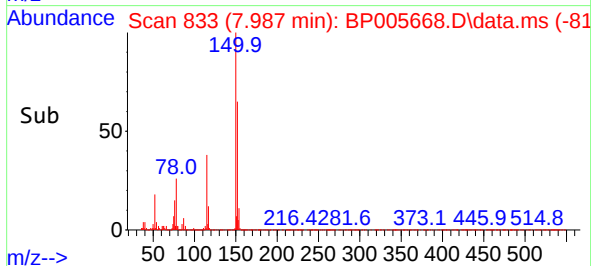
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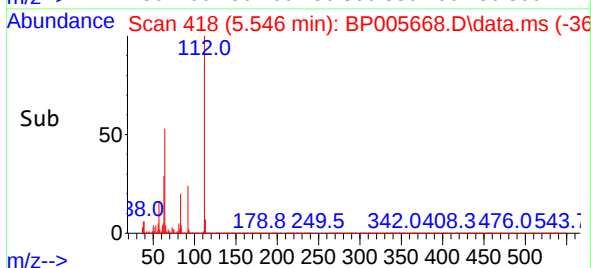
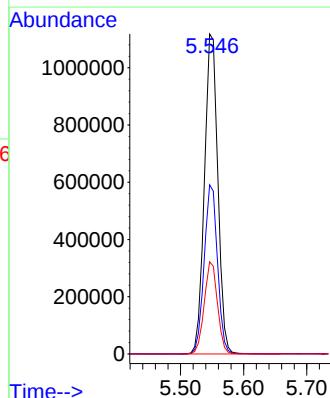
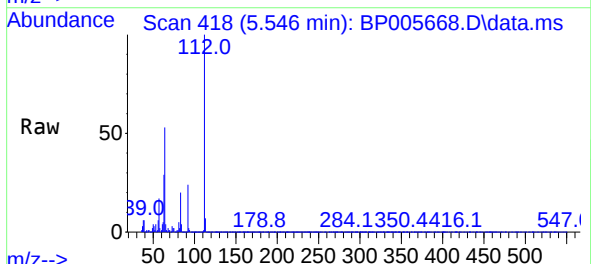


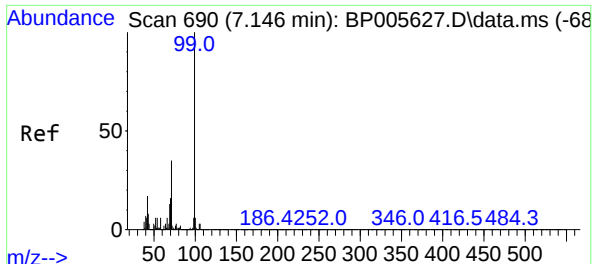
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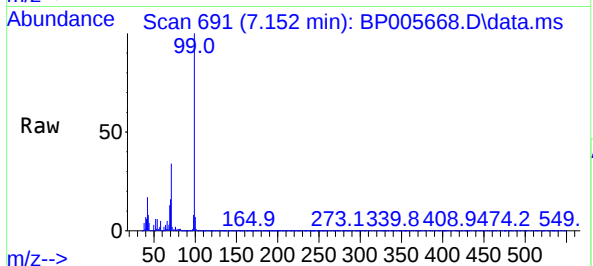
#5
2-Fluorophenol
Concen: 85.27 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion:112 Resp: 1646678
Ion Ratio Lower Upper
112 100
64 52.8 33.6 50.4#
63 28.8 18.6 27.8#



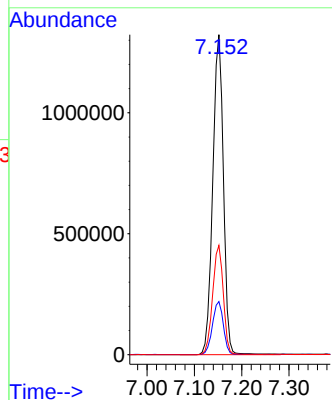


#7
Phenol-d6
Concen: 78.59 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40



Tgt Ion: 99 Resp: 2068803

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.9	19.3
71	34.1	26.7	40.1

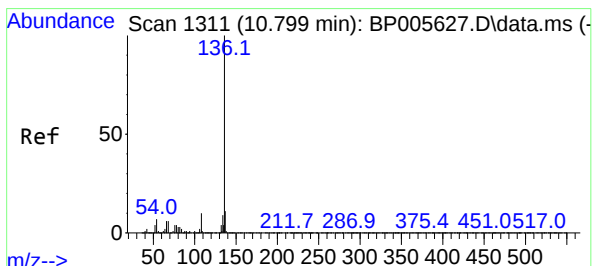


Instrument :
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ClientSampleId :
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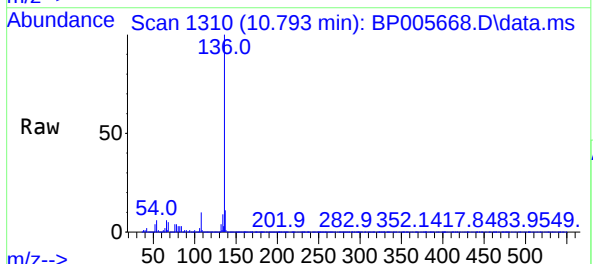
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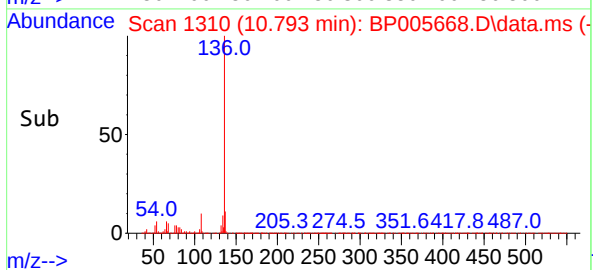
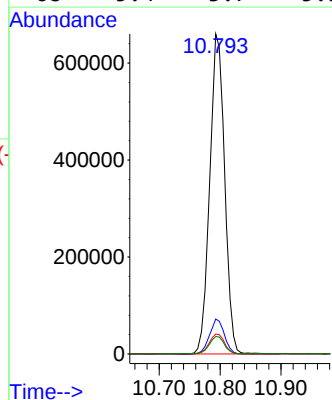


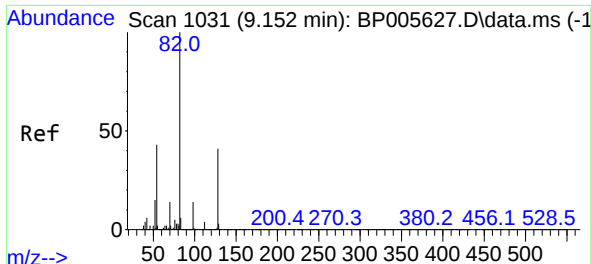
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40



Tgt Ion: 136 Resp: 1124209

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	5.0	7.4
68	5.4	3.7	5.5





#23
Nitrobenzene-d5
Concen: 65.35 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

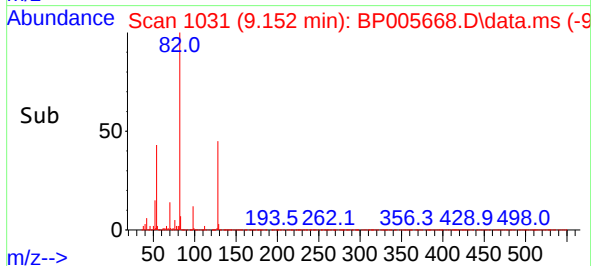
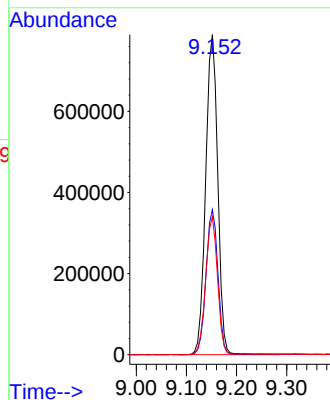
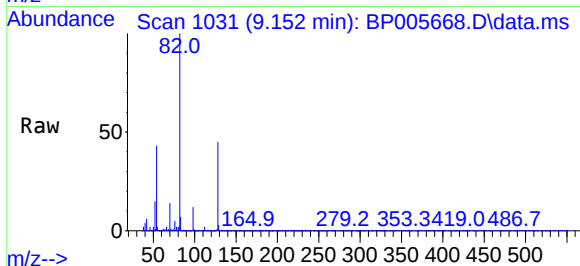
Tgt Ion: 82 Resp: 1321069

Ion	Ratio	Lower	Upper
82	100		
128	45.3	30.5	45.7
54	43.0	33.9	50.9

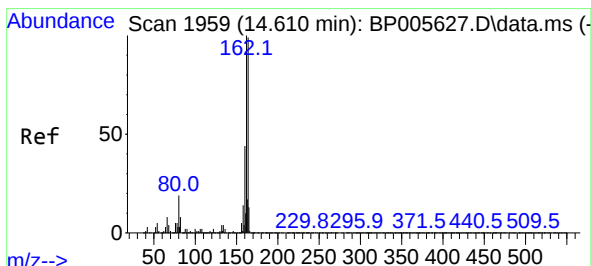
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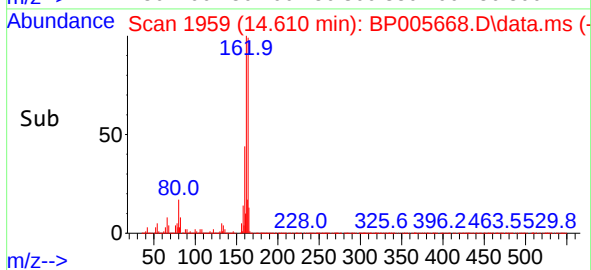
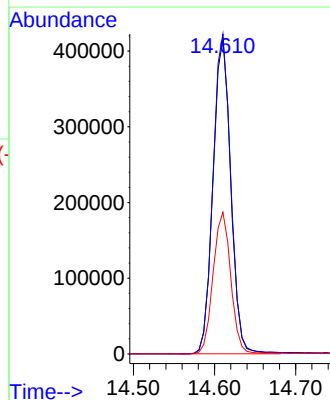
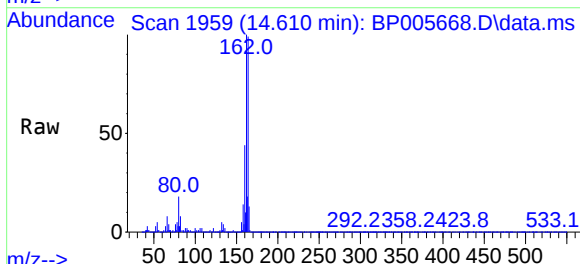
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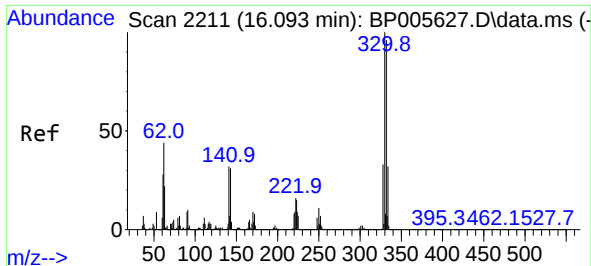


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

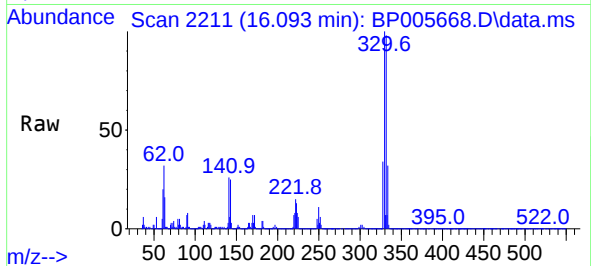
Tgt Ion:164 Resp: 631101

Ion	Ratio	Lower	Upper
164	100		
162	101.4	73.5	110.3
160	44.9	40.6	61.0

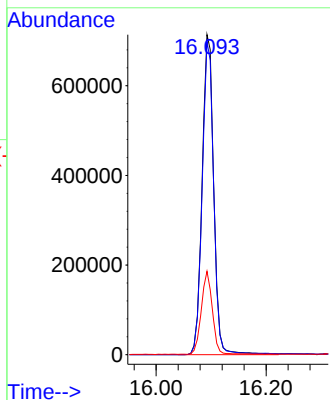
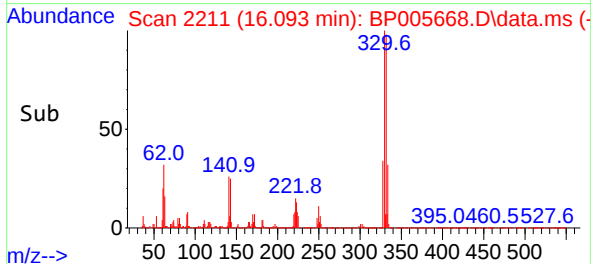




#42
2,4,6-Tribromophenol
Concen: 129.13 ng
RT: 16.093 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40



Tgt Ion:330 Resp: 1045001
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 24.6 22.8 34.2

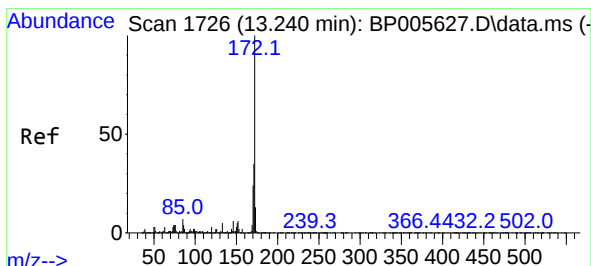


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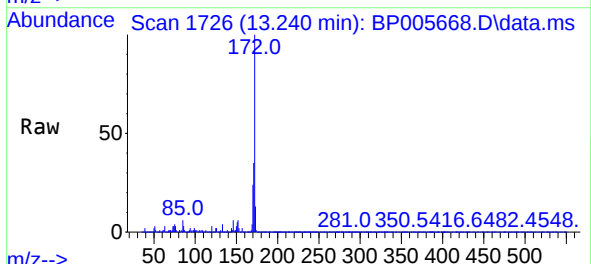
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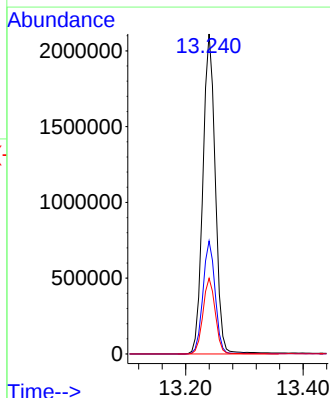
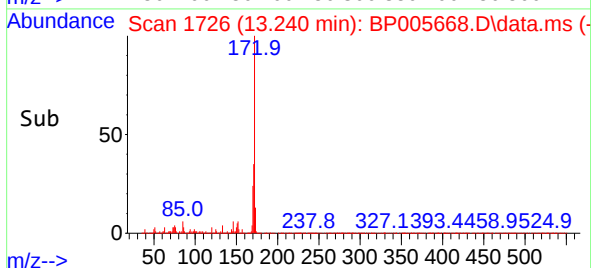
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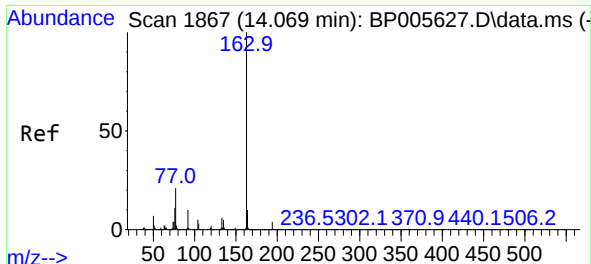


#45
2-Fluorobiphenyl
Concen: 65.46 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40



Tgt Ion:172 Resp: 3121777
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.7 19.6 29.4





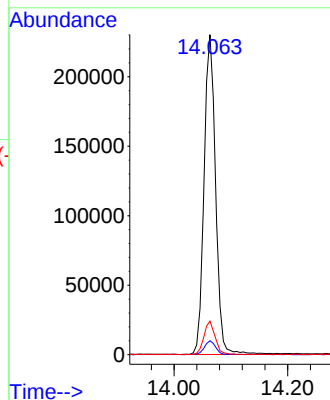
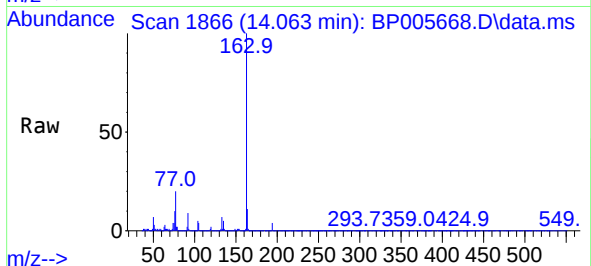
#50
Dimethylphthalate
Concen: 6.45 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion:163 Resp: 323632
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 10.5 8.1 12.1

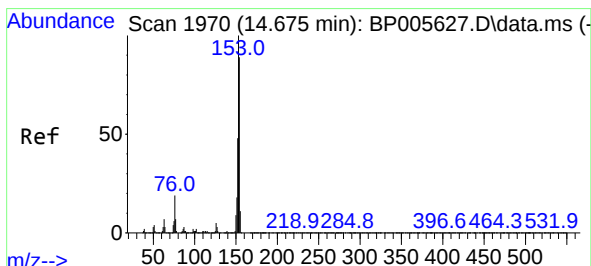
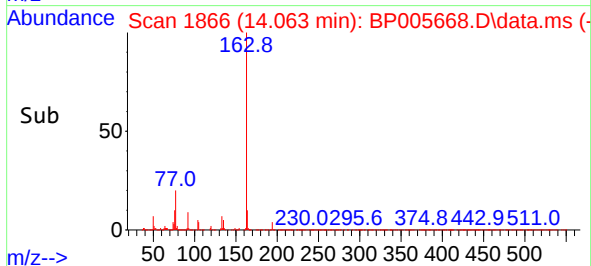
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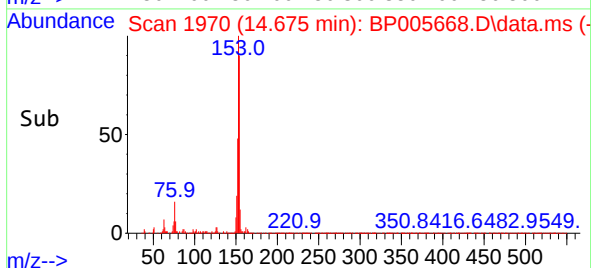
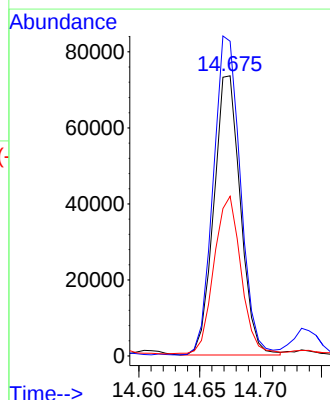
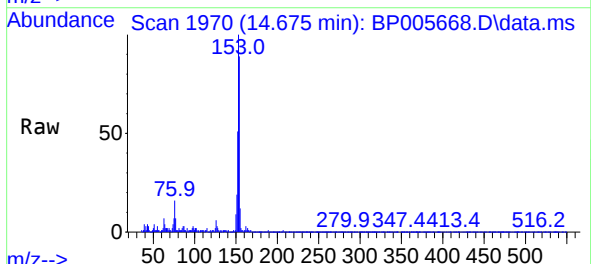


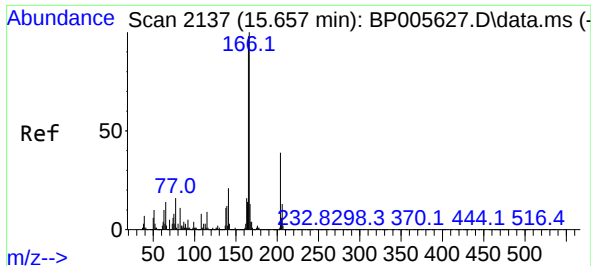
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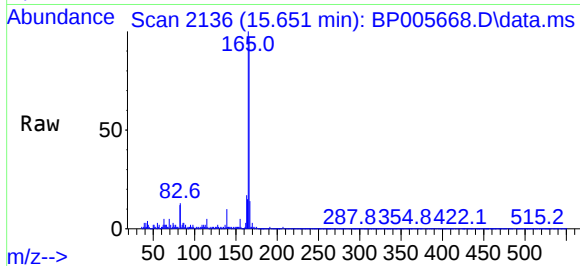
#52
Acenaphthene
Concen: 2.64 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion:154 Resp: 111588
Ion Ratio Lower Upper
154 100
153 112.3 90.9 136.3
152 57.0 48.5 72.7

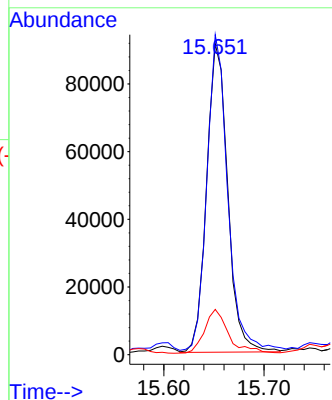




#58
Fluorene
Concen: 2.59 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40



Tgt Ion:166 Resp: 134059
Ion Ratio Lower Upper
166 100
165 102.9 78.8 118.2
167 14.6 10.9 16.3

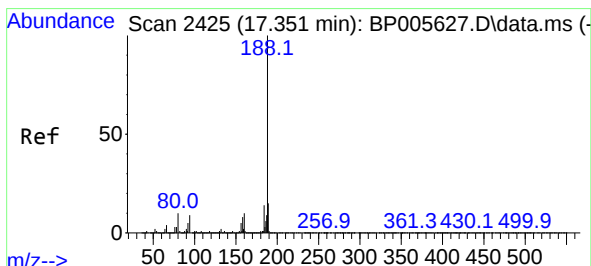
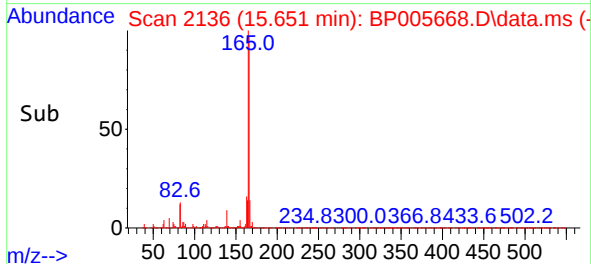


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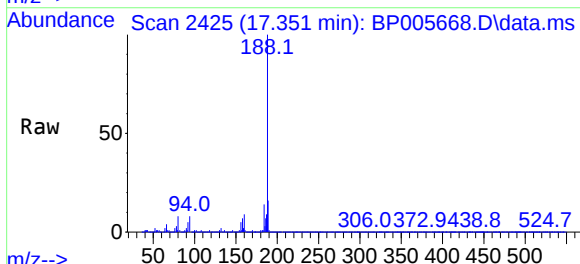
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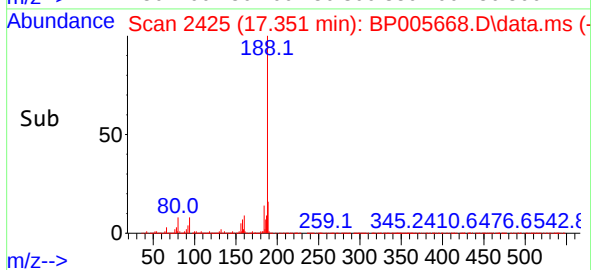
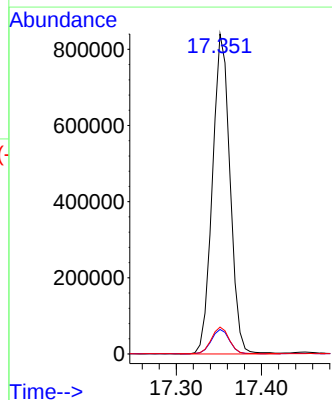
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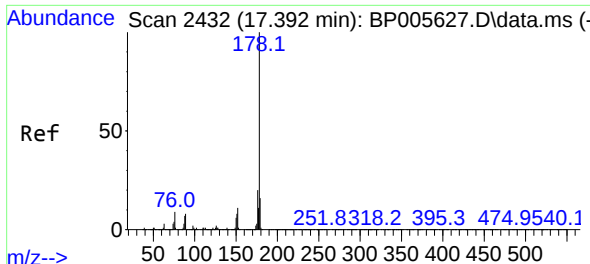


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40



Tgt Ion:188 Resp: 1204459
Ion Ratio Lower Upper
188 100
94 7.7 5.0 7.6#
80 8.4 5.9 8.9





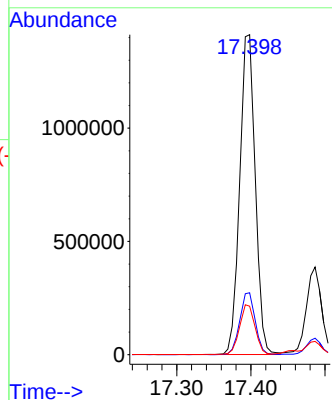
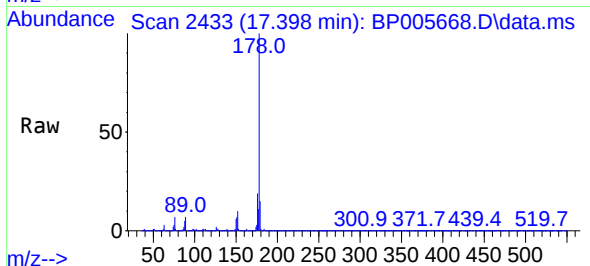
#71
Phenanthrene
Concen: 27.45 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion:178 Resp: 2059714
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.2 12.3 18.5

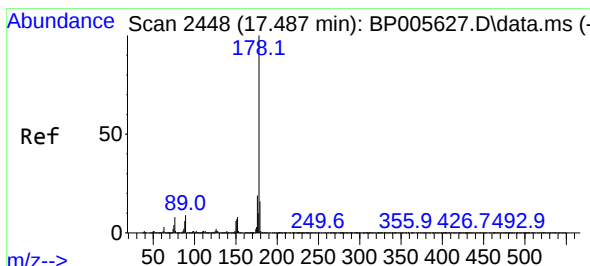
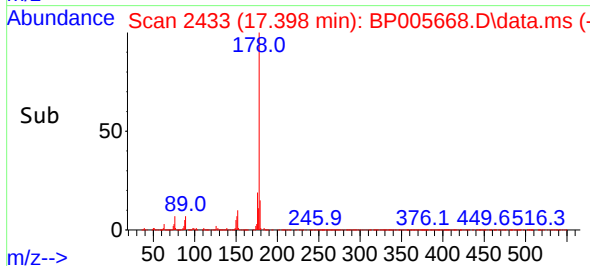
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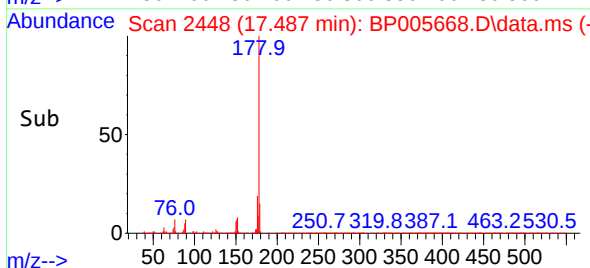
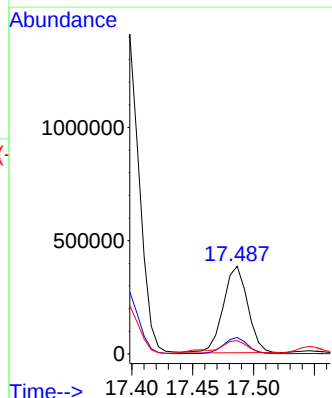
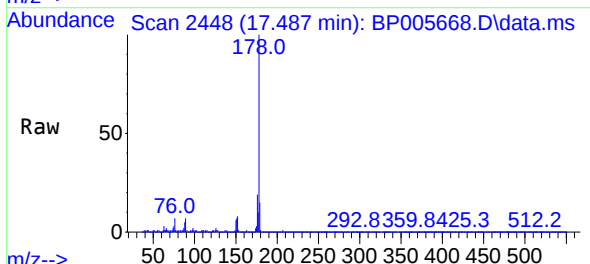


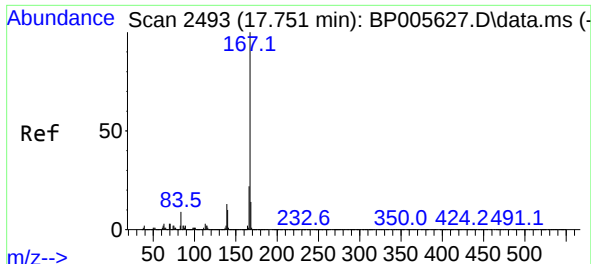
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#72
Anthracene
Concen: 7.24 ng
RT: 17.487 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

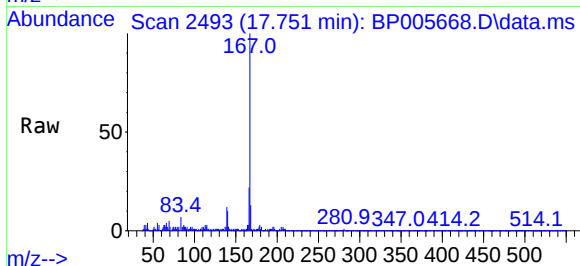
Tgt Ion:178 Resp: 536091
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.1 12.6 19.0





#73
 Carbazole
 Concen: 3.02 ng
 RT: 17.751 min Scan# 2493
 Delta R.T. -0.000 min
 Lab File: BP005668.D
 Acq: 02 Jun 2021 16:40

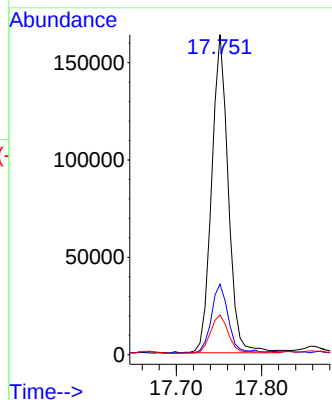
Instrument :
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 ClientSampled :
 18-B6(0-6)



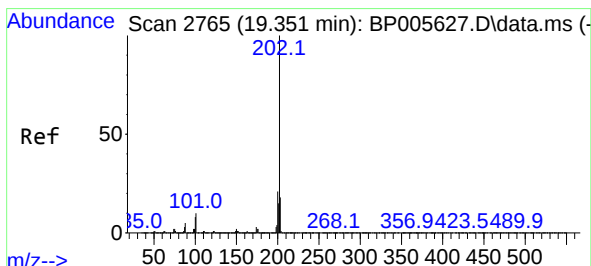
Tgt Ion:167 Resp: 220456
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.4 10.4 15.6

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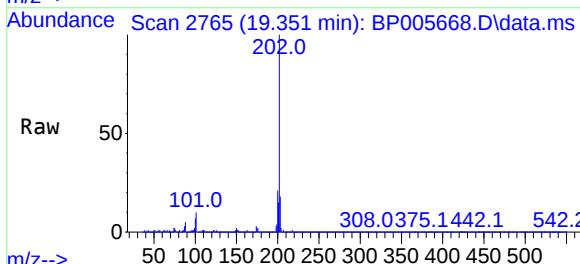
monammad



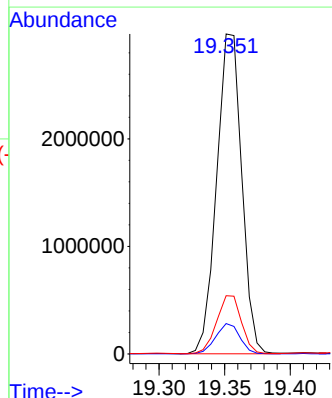
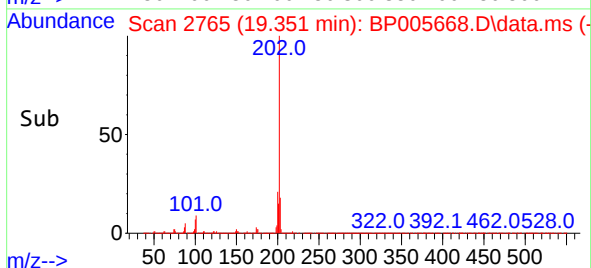
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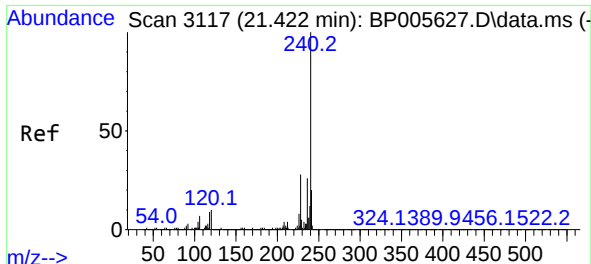


#75
 Fluoranthene
 Concen: 43.80 ng
 RT: 19.351 min Scan# 2765
 Delta R.T. -0.000 min
 Lab File: BP005668.D
 Acq: 02 Jun 2021 16:40



Tgt Ion:202 Resp: 3945576
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 26.1
 203 18.2 0.0 37.2





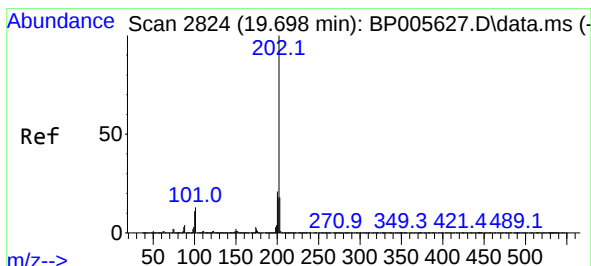
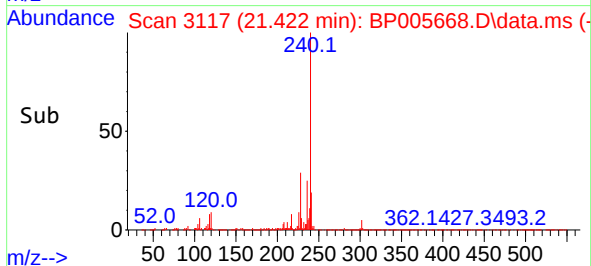
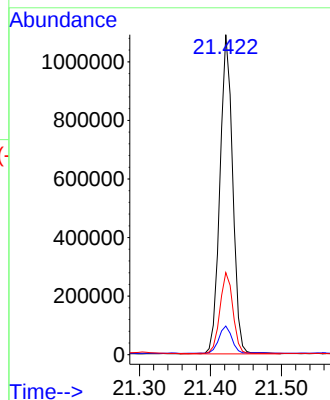
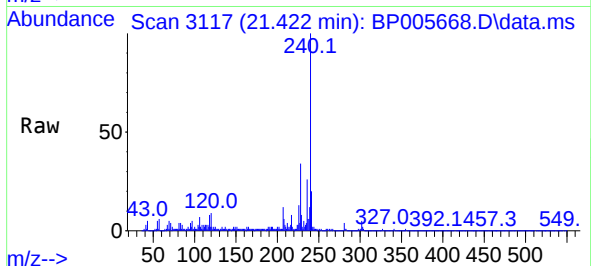
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion:240 Resp: 1350023
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 25.7 20.2 30.2

Instrument :
BNA_P
ClientSampled :
18-B6(0-6)

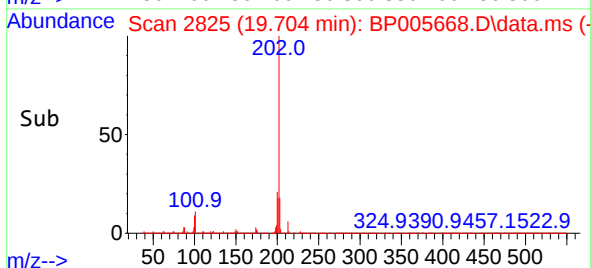
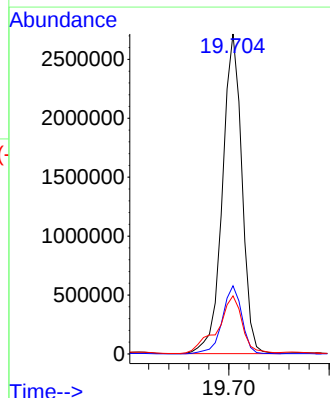
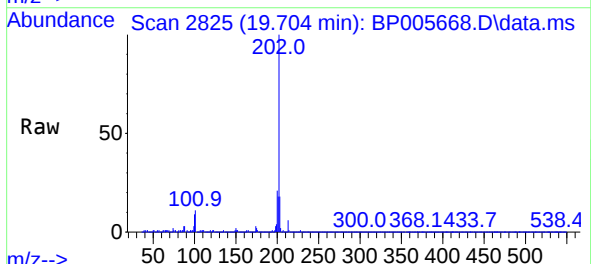
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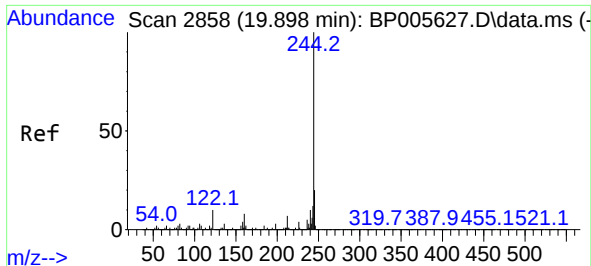
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#78
Pyrene
Concen: 38.36 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion:202 Resp: 3654289
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.2 13.8 20.6





#79
Terphenyl-d14
Concen: 58.04 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

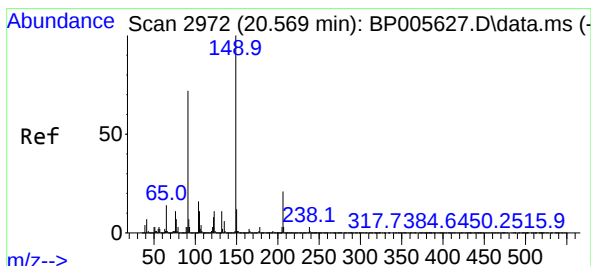
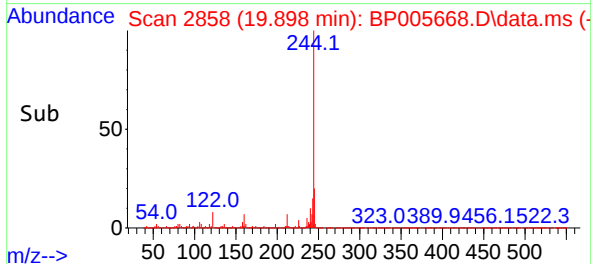
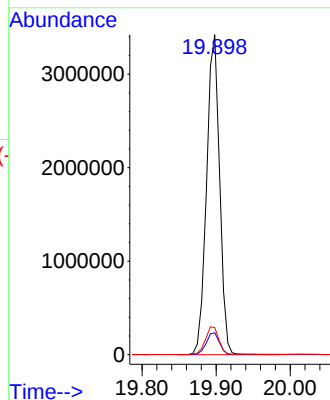
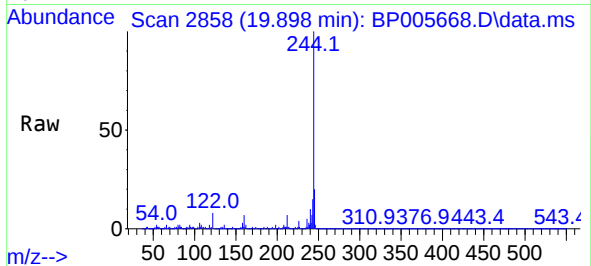
Tgt Ion:244 Resp: 4176082
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 8.4 5.2 7.8#

Instrument :
BNA_P
ClientSampled :
18-B6(0-6)

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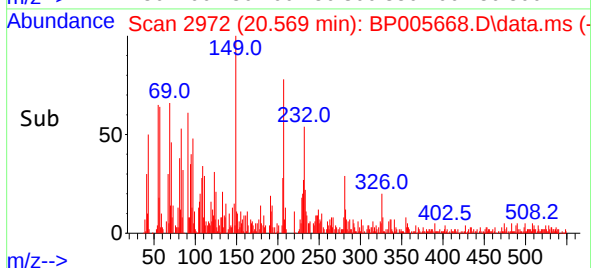
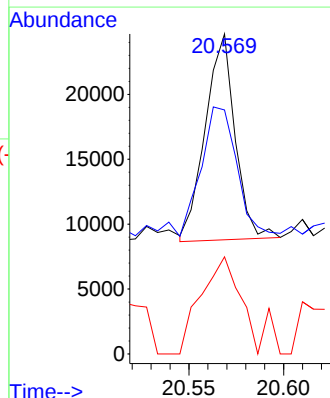
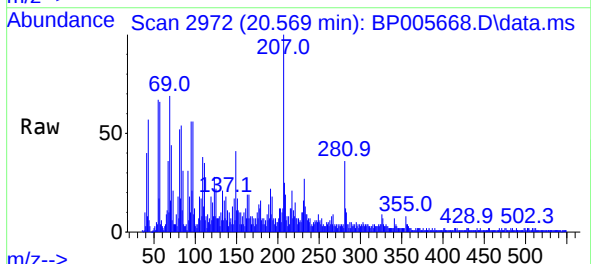
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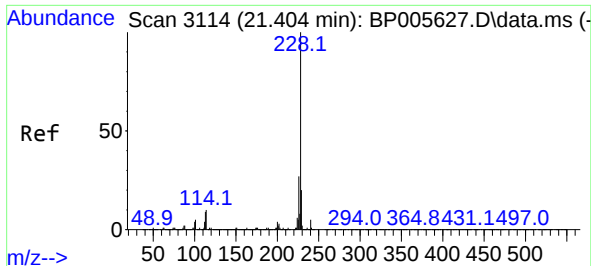
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#80
Butylbenzylphthalate
Concen: 4.54 ng
RT: 20.569 min Scan# 2972
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion:149 Resp: 17397
Ion Ratio Lower Upper
149 100
91 76.2 60.2 90.4
206 30.4 23.9 35.9





#81
Benzo(a)anthracene
Concen: 22.22 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

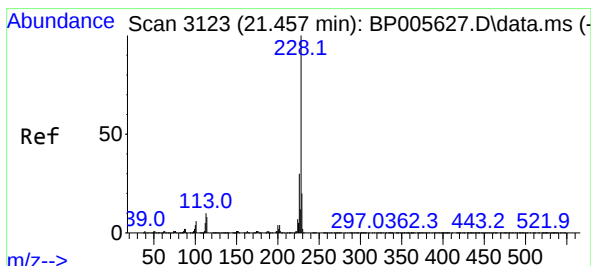
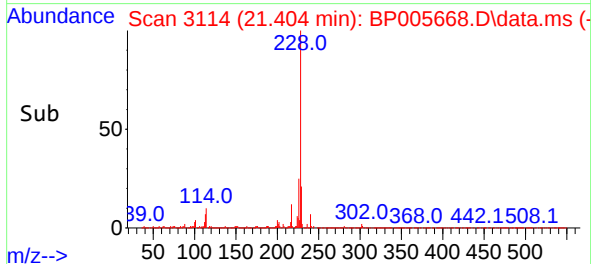
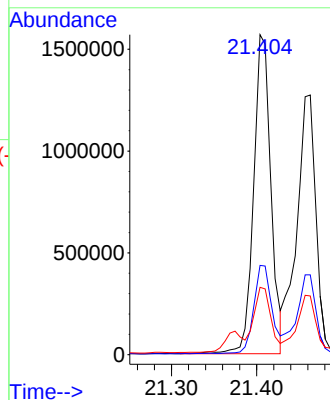
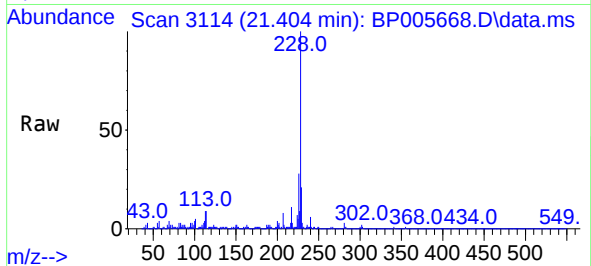
Tgt Ion:228 Resp: 2201132
Ion Ratio Lower Upper
228 100
226 27.9 21.2 31.8
229 21.0 15.6 23.4

Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)

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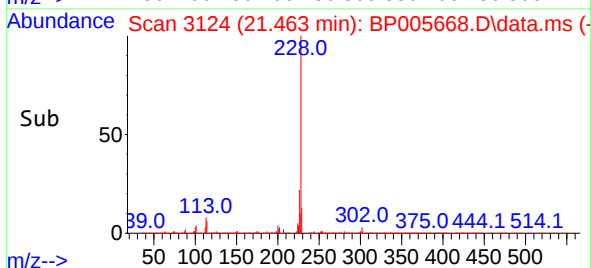
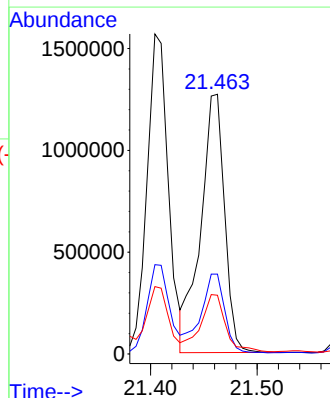
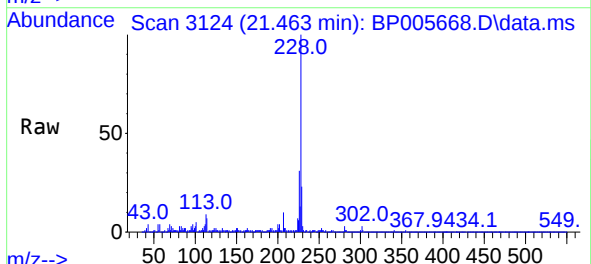
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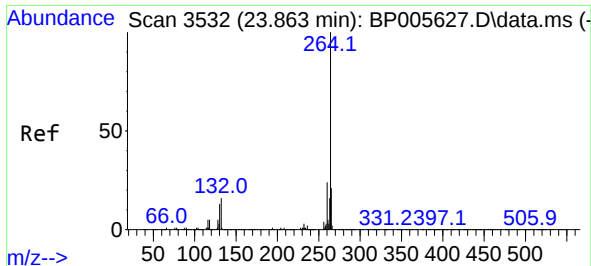
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#83
Chrysene
Concen: 20.72 ng
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion:228 Resp: 1987427
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 22.6 15.4 23.0





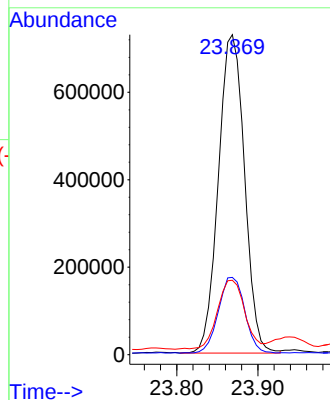
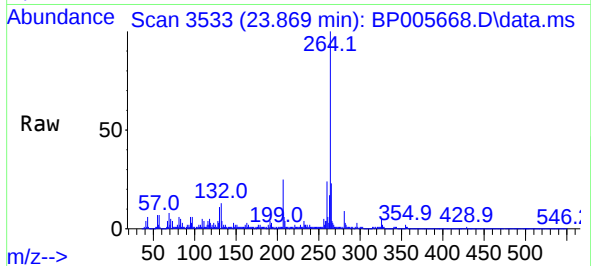
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.869 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion: 264 Resp: 1627456
Ion Ratio Lower Upper
264 100
260 24.2 20.6 30.8
265 23.3 19.0 28.6

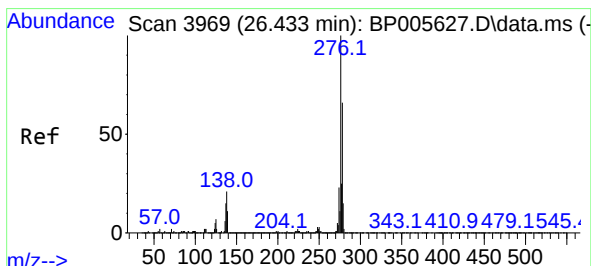
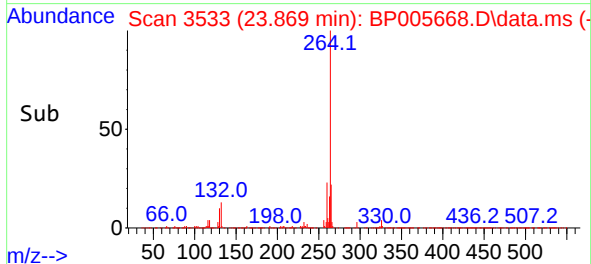
Instrument :
BNA_P
ClientSampled :
18-B6(0-6)

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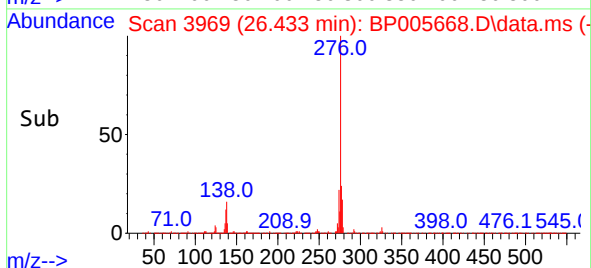
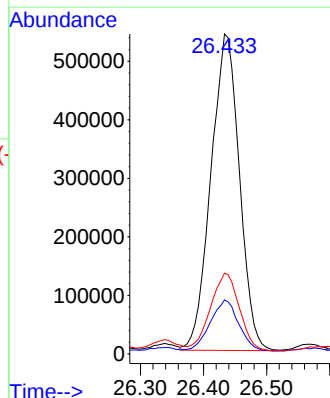
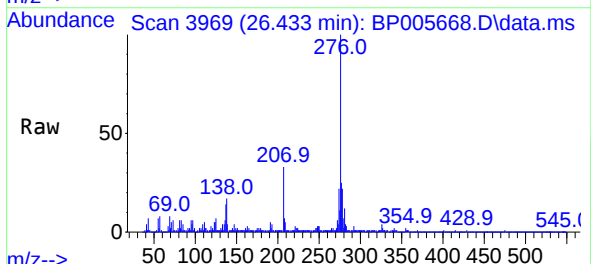


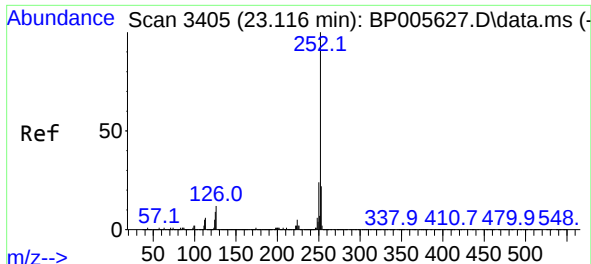
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#87
Indeno(1,2,3-cd)pyrene
Concen: 12.25 ng
RT: 26.433 min Scan# 3969
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion: 276 Resp: 1696438
Ion Ratio Lower Upper
276 100
138 15.8 8.4 12.6#
277 24.8 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 25.07 ng m
RT: 23.122 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

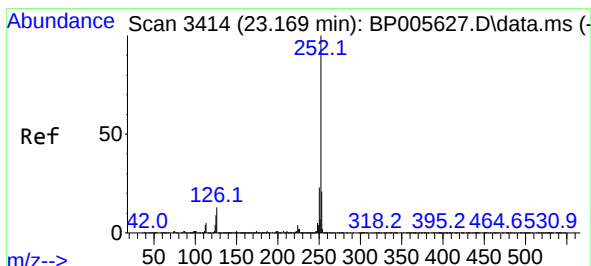
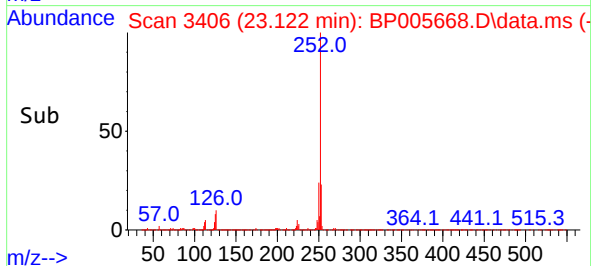
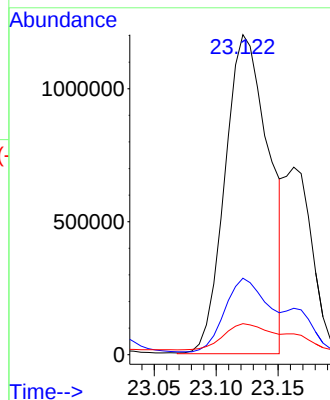
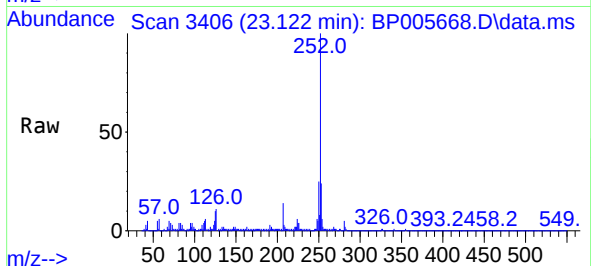
Tgt Ion:252 Resp: 2960858
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.2
125 9.7 3.4 5.0#

Instrument :
BNA_P
ClientSampled :
18-B6(0-6)

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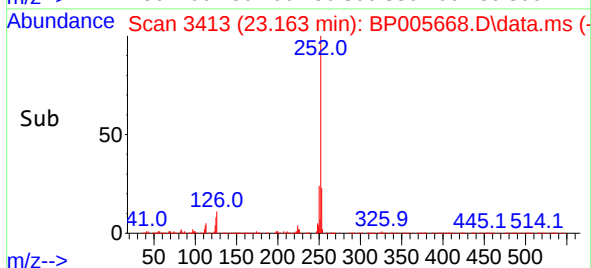
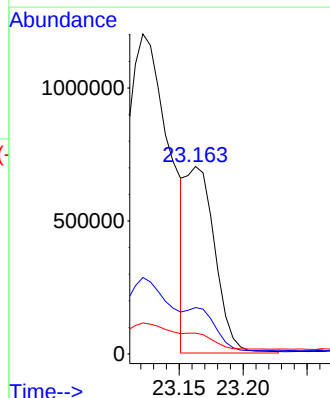
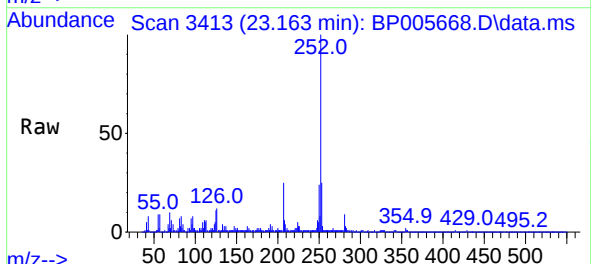
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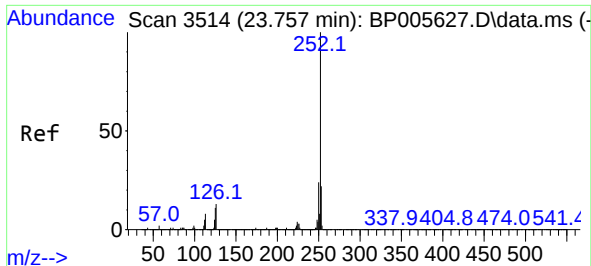
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#89
Benzo(k)fluoranthene
Concen: 9.84 ng m
RT: 23.163 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion:252 Resp: 1101431
Ion Ratio Lower Upper
252 100
253 24.8 17.2 25.8
125 11.1 3.8 5.6#





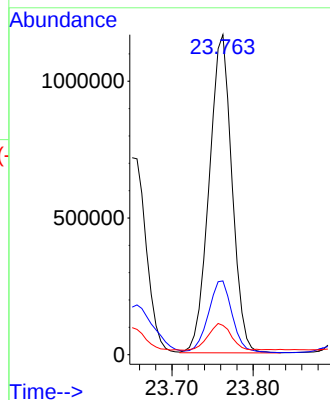
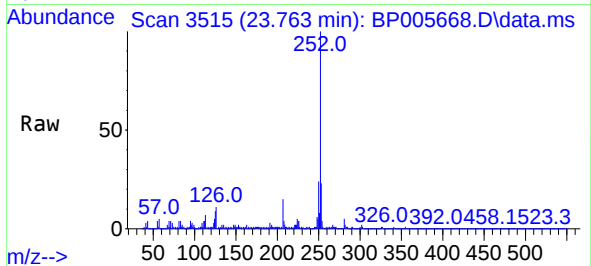
#90
Benzo(a)pyrene
Concen: 21.14 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

Tgt Ion: 252 Resp: 2270854
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 9.2 3.8 5.6#

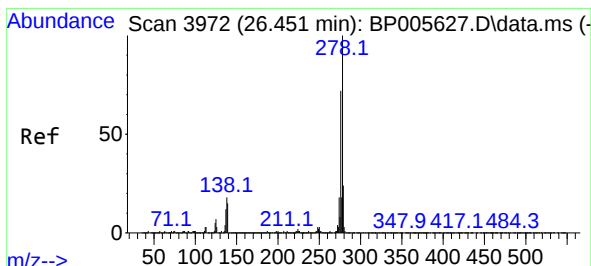
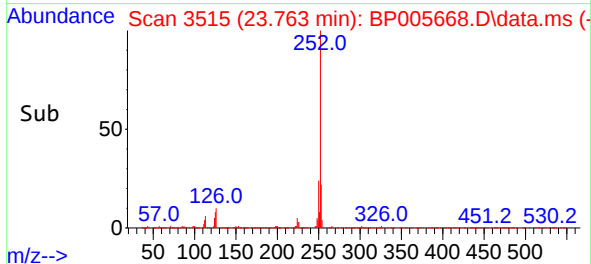
Instrument :
BNA_P
ClientSampleId :
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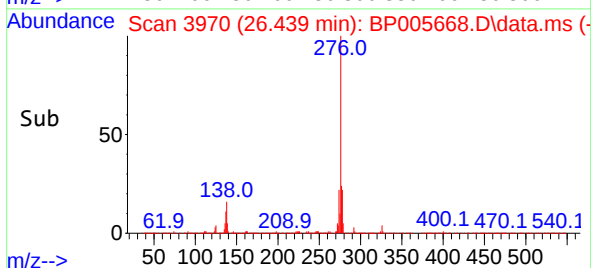
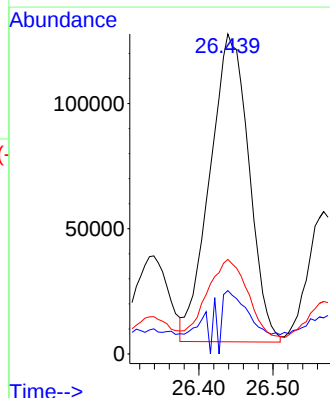
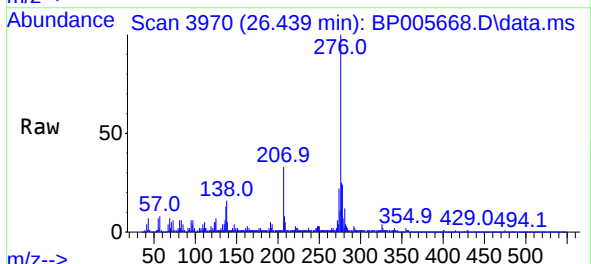


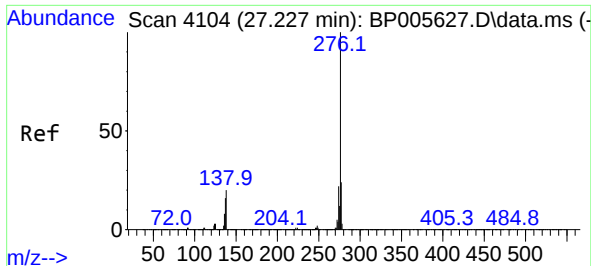
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#91
Dibenzo(a,h)anthracene
Concen: 3.74 ng
RT: 26.439 min Scan# 3970
Delta R.T. -0.012 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

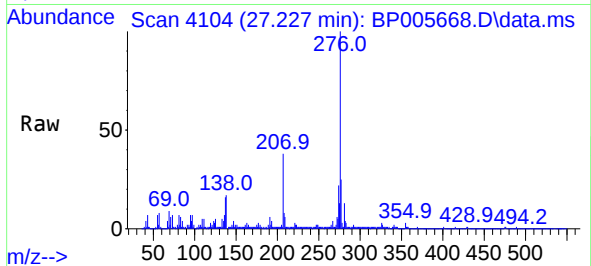
Tgt Ion: 278 Resp: 449510
Ion Ratio Lower Upper
278 100
139 19.8 5.0 7.6#
279 29.5 18.6 28.0#





#92
Benzo(g,h,i)perylene
Concen: 14.31 ng
RT: 27.227 min Scan# 4104
Delta R.T. -0.000 min
Lab File: BP005668.D
Acq: 02 Jun 2021 16:40

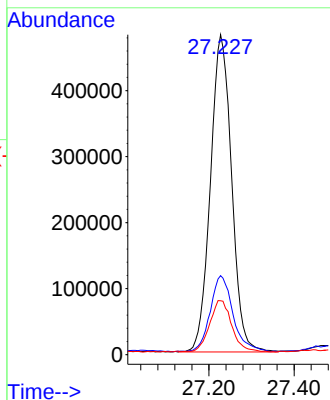
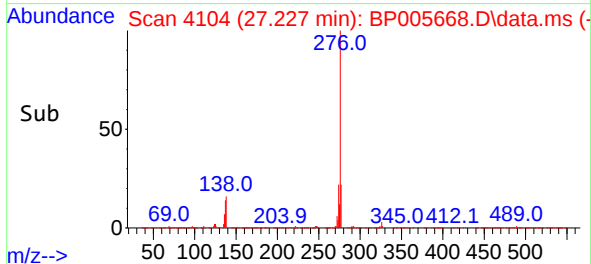
Instrument :
BNA_P
ClientSampleId :
18-B6(0-6)



Tgt Ion: 276 Resp: 1658891
Ion Ratio Lower Upper
276 100
277 24.7 19.8 29.8
138 16.8 7.7 11.5#

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