

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005729.D
 Acq On : 05 Jun 2021 01:06
 Operator : CG/JU
 Sample : M2589-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B8(2-4)

Manual Integrations
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Quant Time: Jun 05 03:27:21 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	153508	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	593866	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	364105	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	767052	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	793478	20.000	ng	# 0.00
86) Perylene-d12	23.874	264	910768	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	74277	7.523	ng	0.00
7) Phenol-d6	7.152	99	139252	10.345	ng	0.00
23) Nitrobenzene-d5	9.151	82	102559	9.604	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	11116	2.381	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	269458	9.794	ng	0.00
79) Terphenyl-d14	19.892	244	422761	9.998	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.845	128	344824	9.750	ng	98
37) 2-Methylnaphthalene	12.451	142	72452	2.891	ng	# 88
52) Acenaphthene	14.675	154	71864	2.951	ng	97
55) Dibenzofuran	15.010	168	121912	3.266	ng	98
58) Fluorene	15.657	166	130461	4.372	ng	98
71) Phenanthrene	17.398	178	1048198	21.935	ng	100
72) Anthracene	17.486	178	283045	5.999	ng	99
73) Carbazole	17.757	167	169982	3.660	ng	99
75) Fluoranthene	19.357	202	1078365	18.798	ng	97
78) Pyrene	19.704	202	900796	16.089	ng	99
81) Benzo(a)anthracene	21.410	228	500424	8.594	ng	95
83) Chrysene	21.463	228	465149m	8.249	ng	
87) Indeno(1,2,3-cd)pyrene	26.445	276	279842	3.611	ng	# 93
88) Benzo(b)fluoranthene	23.121	252	600473	9.087	ng	# 91
89) Benzo(k)fluoranthene	23.163	252	168726m	2.695	ng	
90) Benzo(a)pyrene	23.762	252	431818	7.183	ng	# 88
92) Benzo(g,h,i)perylene	27.245	276	277874	4.284	ng	# 87

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

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Misc :
ALS Vial : 16 Sample Multiplier: 1

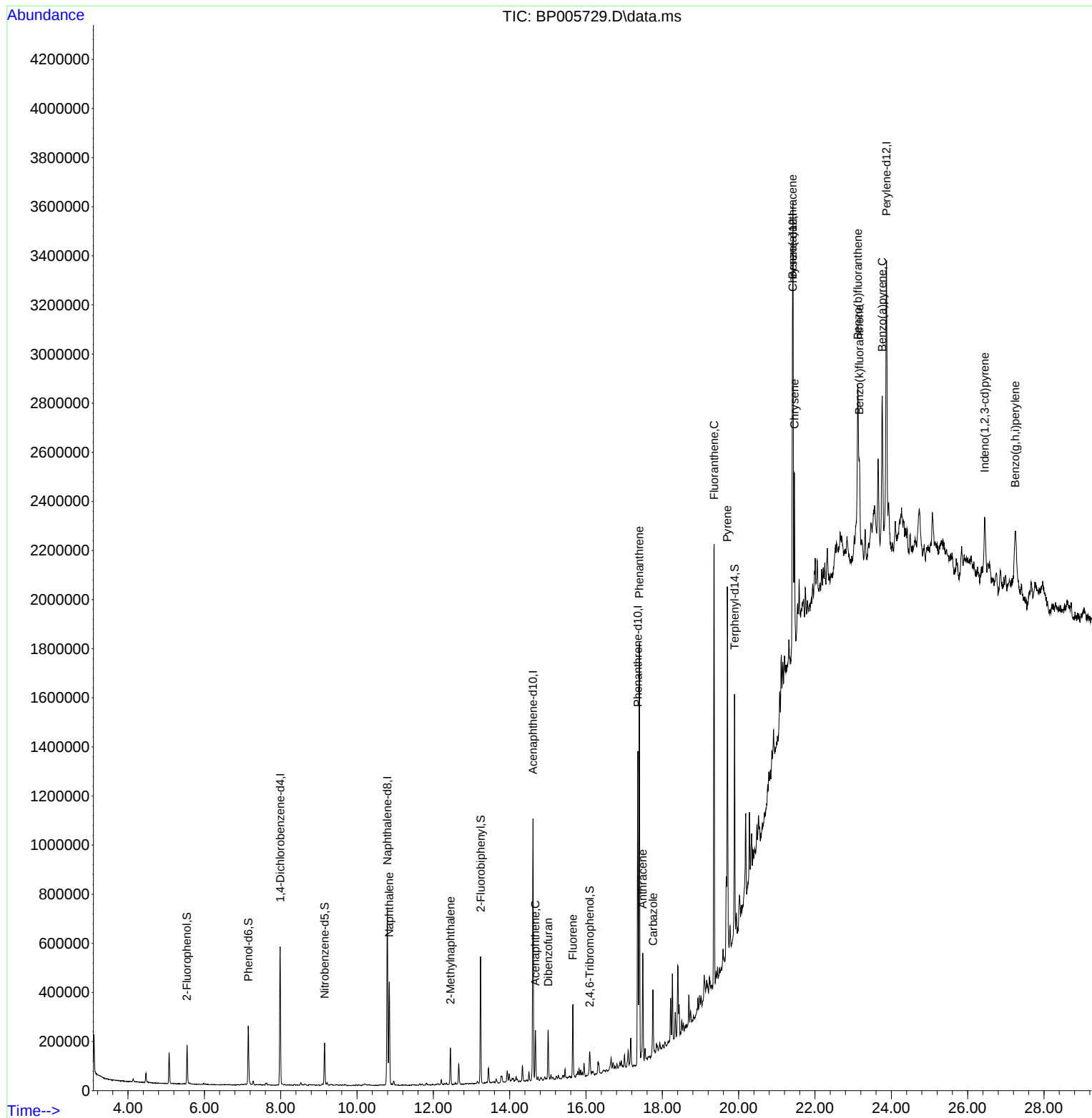
Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

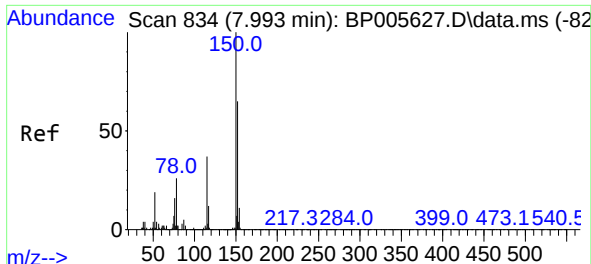
Quant Time: Jun 05 03:27:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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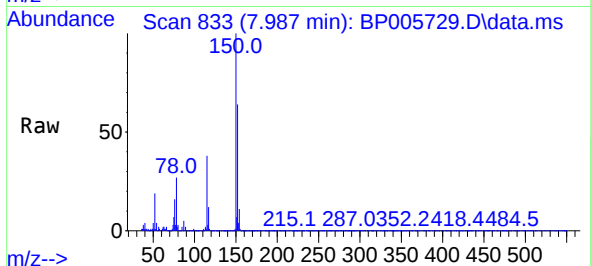
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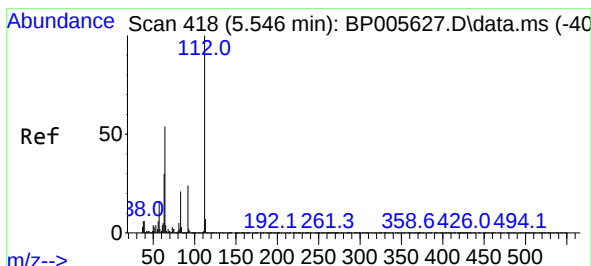
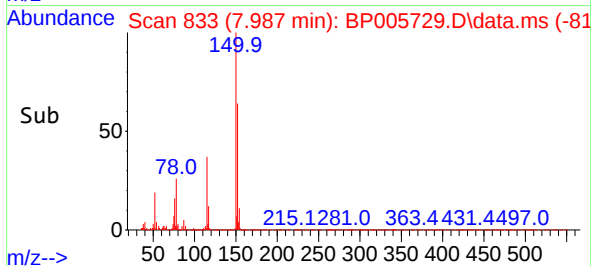
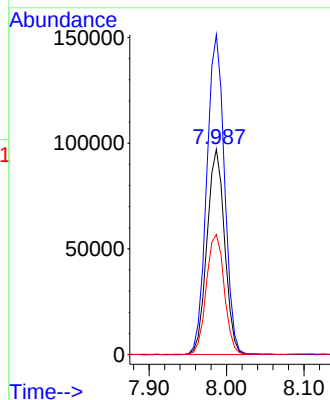




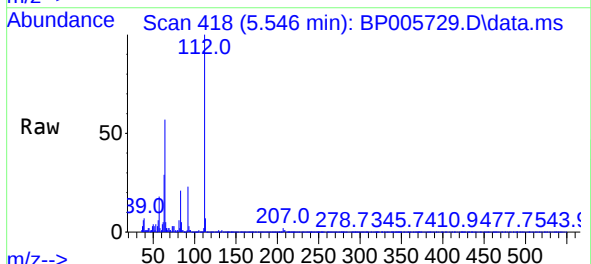
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06



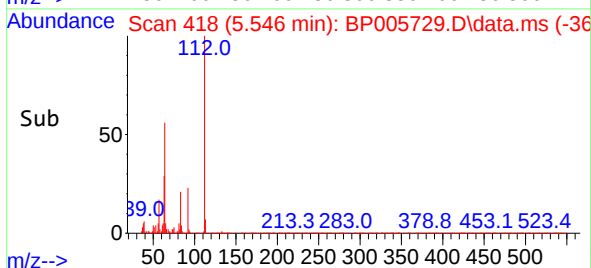
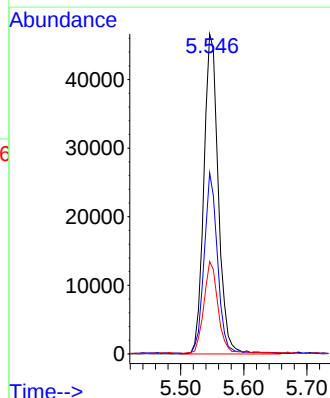
Tgt Ion:152 Resp: 153508
Ion Ratio Lower Upper
152 100
150 155.7 119.8 179.8
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 7.523 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06



Tgt Ion:112 Resp: 74277
Ion Ratio Lower Upper
112 100
64 56.6 33.6 50.4#
63 28.9 18.6 27.8#

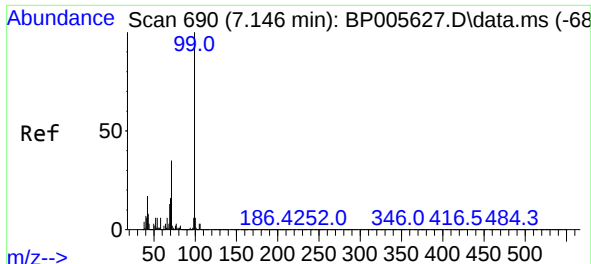


Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

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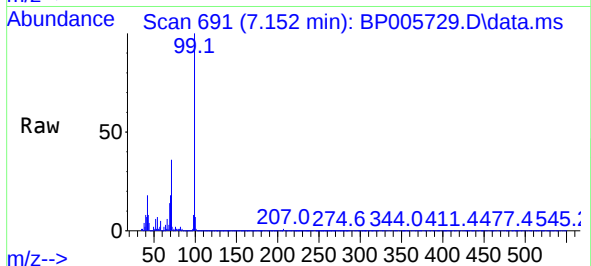
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#7
Phenol-d6
Concen: 10.345 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

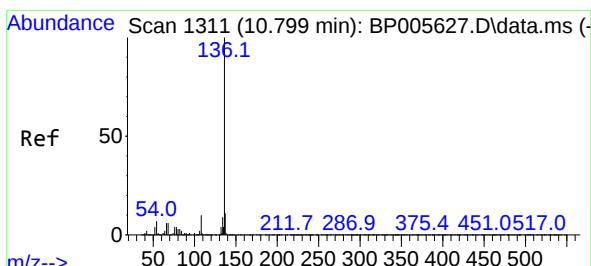
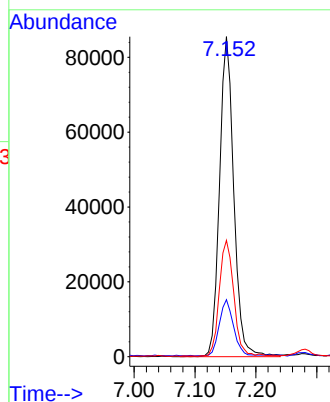
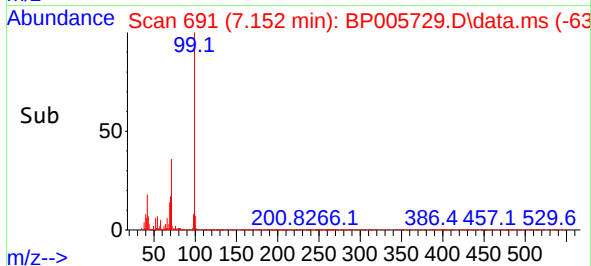


Tgt Ion: 99 Resp: 139252
Ion Ratio Lower Upper
99 100
42 17.8 12.9 19.3
71 36.4 26.7 40.1

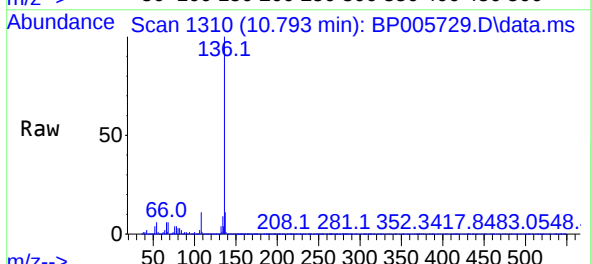
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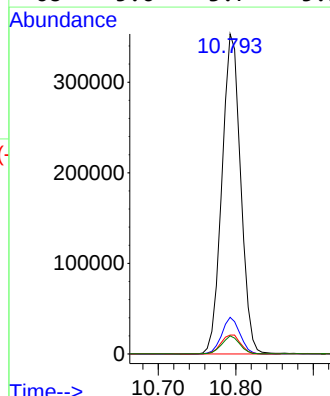
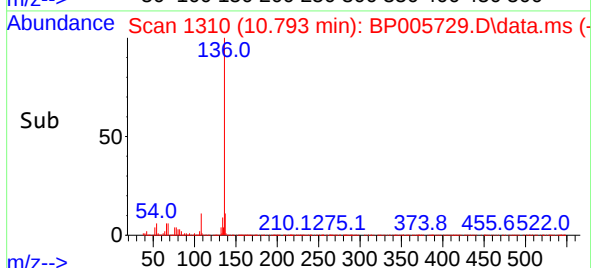
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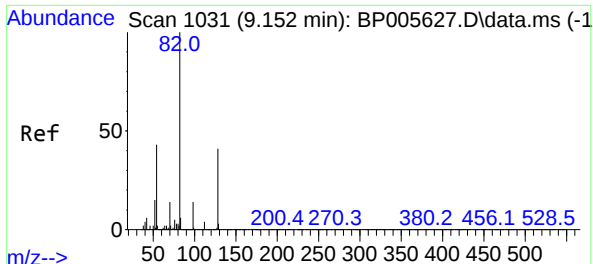


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06



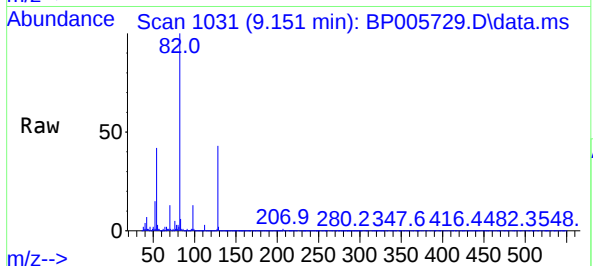
Tgt Ion: 136 Resp: 593866
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 5.9 5.0 7.4
68 5.6 3.7 5.5





#23
Nitrobenzene-d5
Concen: 9.604 ng
RT: 9.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

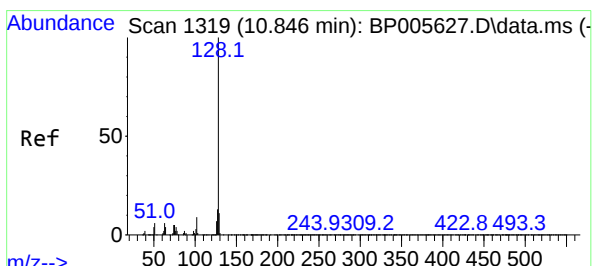
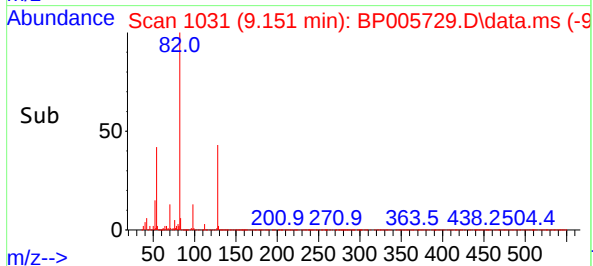
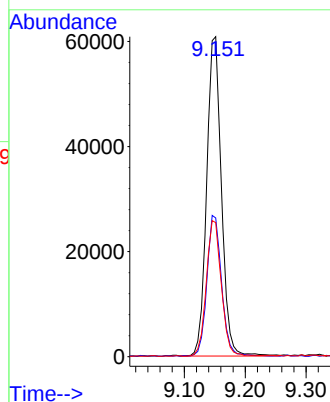


Tgt Ion: 82 Resp: 102559
Ion Ratio Lower Upper
82 100
128 43.3 30.5 45.7
54 41.9 33.9 50.9

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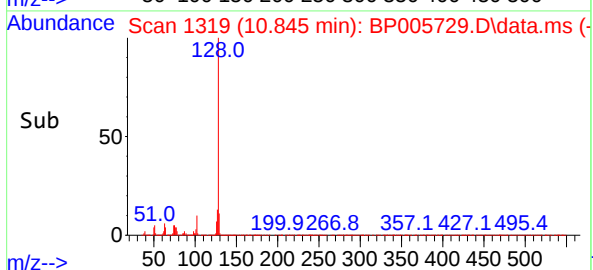
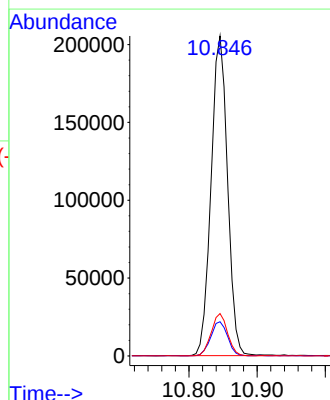
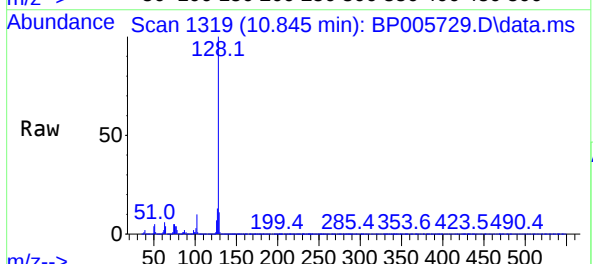
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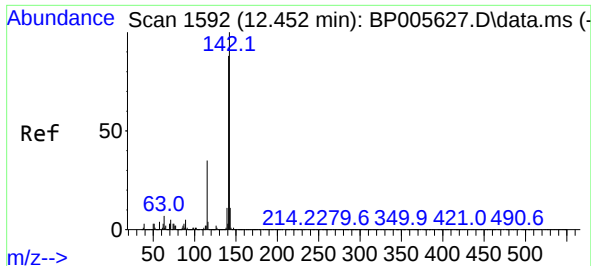
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#31
Naphthalene
Concen: 9.750 ng
RT: 10.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

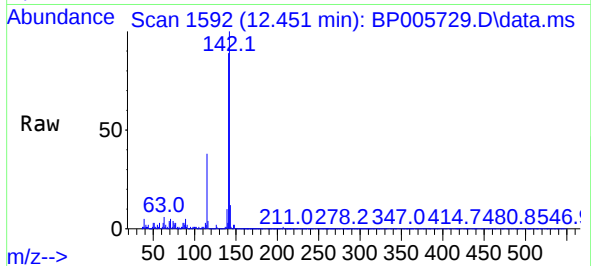
Tgt Ion: 128 Resp: 344824
Ion Ratio Lower Upper
128 100
129 10.7 8.0 12.0
127 13.2 11.1 16.7





#37
2-Methylnaphthalene
Concen: 2.891 ng
RT: 12.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

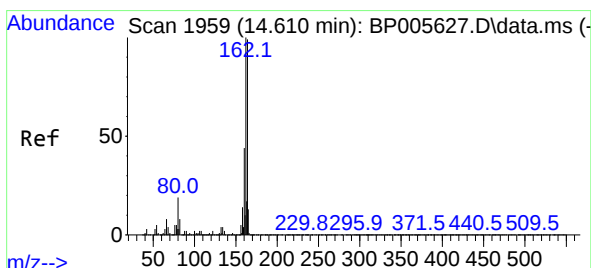
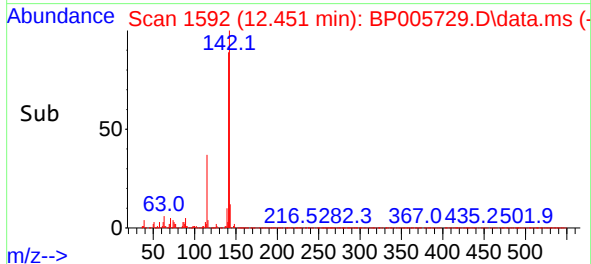
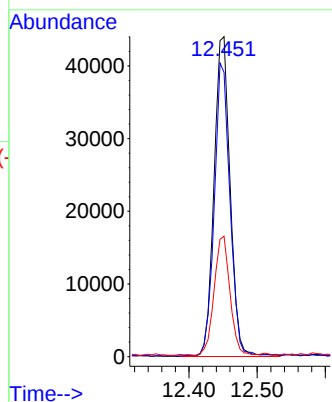


Tgt Ion:142 Resp: 72452
Ion Ratio Lower Upper
142 100
141 88.8 74.7 112.1
115 37.7 43.8 65.8#

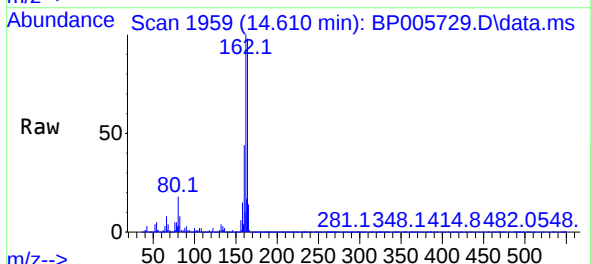
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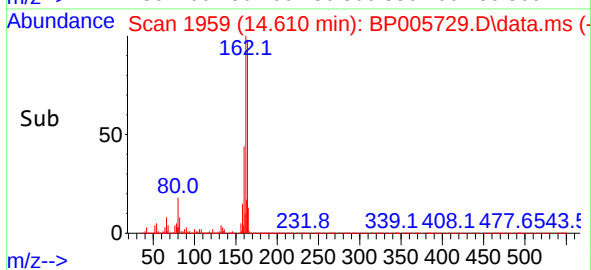
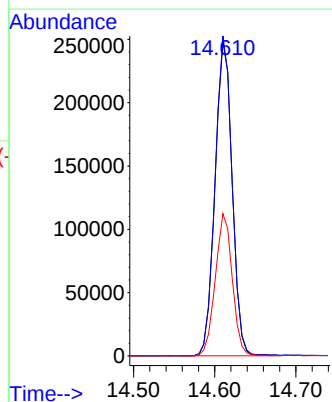
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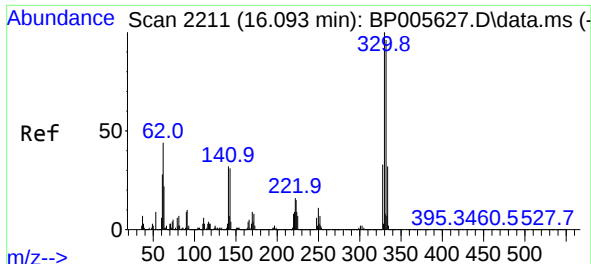


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06



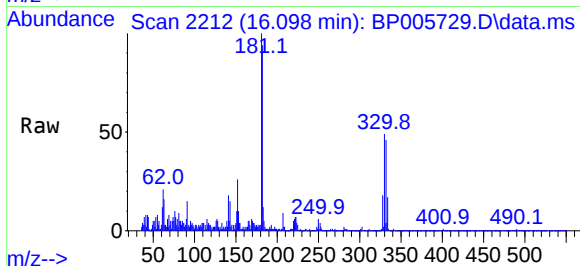
Tgt Ion:164 Resp: 364105
Ion Ratio Lower Upper
164 100
162 101.9 73.5 110.3
160 45.3 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 2.381 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

Instrument :
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ClientSampleId :
18-B8(2-4)

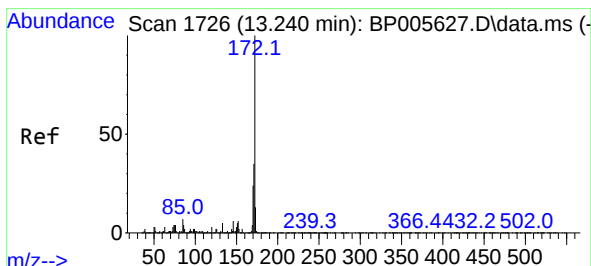
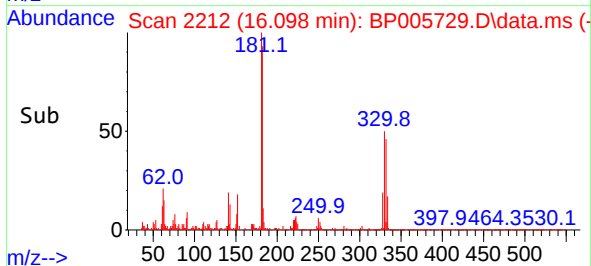
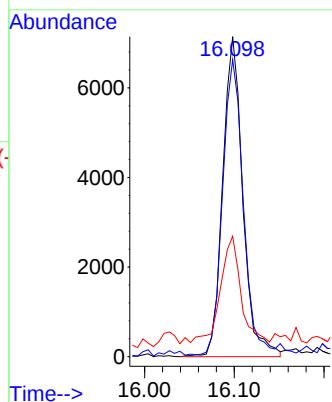


Tgt Ion:330 Resp: 11116
Ion Ratio Lower Upper
330 100
332 94.2 76.3 114.5
141 33.8 22.8 34.2

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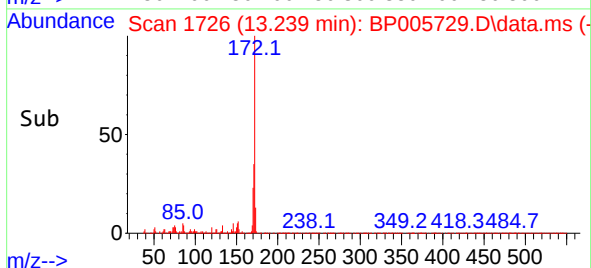
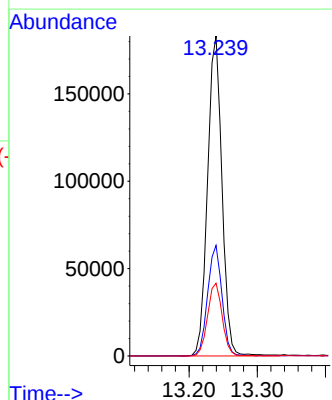
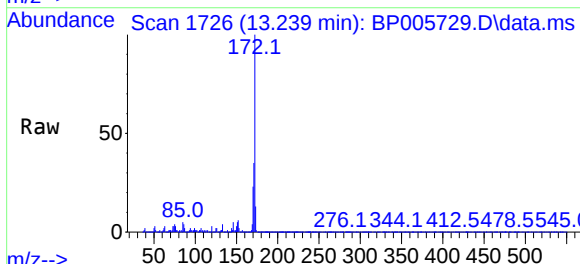
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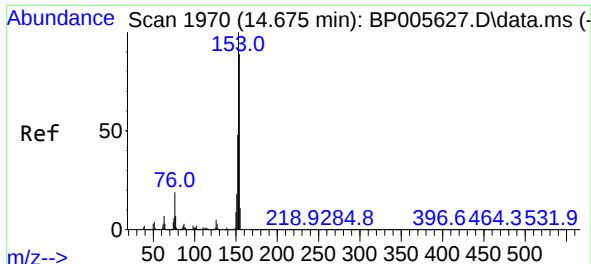
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#45
2-Fluorobiphenyl
Concen: 9.794 ng
RT: 13.239 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

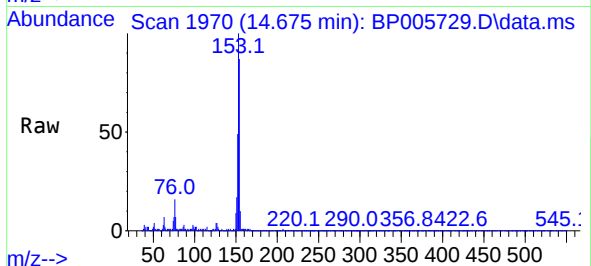
Tgt Ion:172 Resp: 269458
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.7 19.6 29.4





#52
Acenaphthene
Concen: 2.951 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

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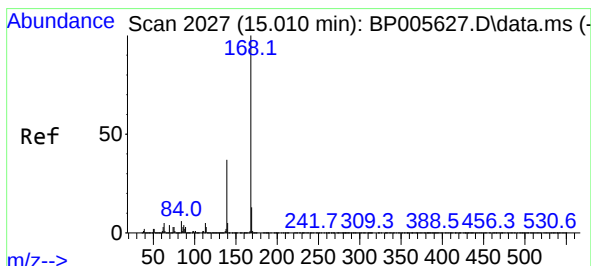
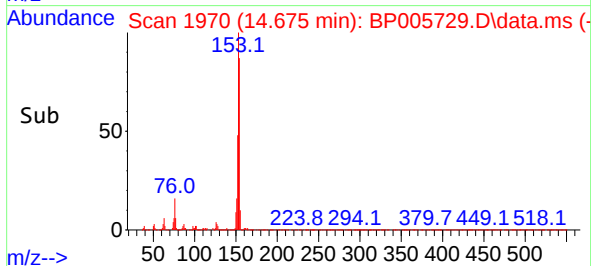
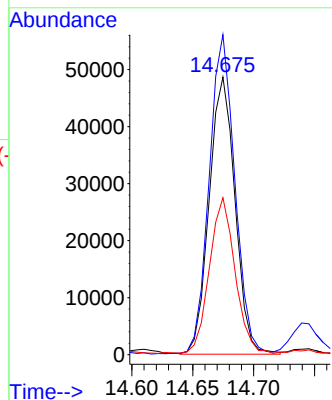


Tgt Ion:154 Resp: 71864
Ion Ratio Lower Upper
154 100
153 115.2 90.9 136.3
152 56.5 48.5 72.7

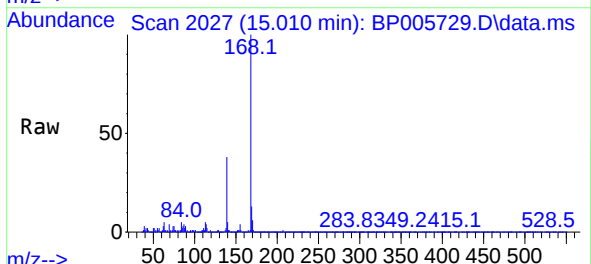
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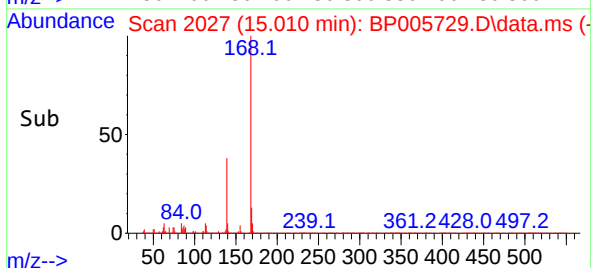
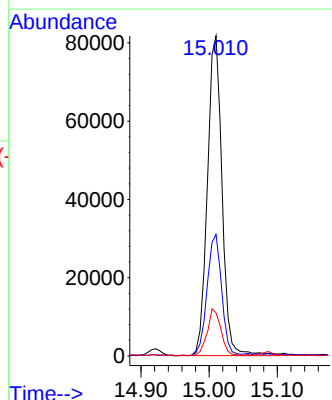
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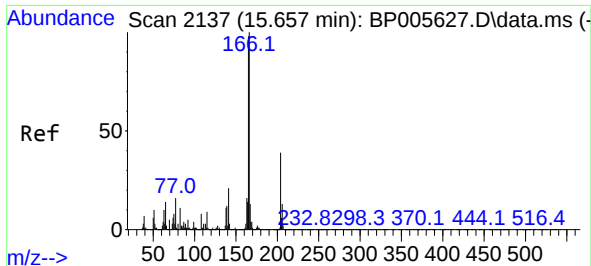


#55
Dibenzofuran
Concen: 3.266 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06



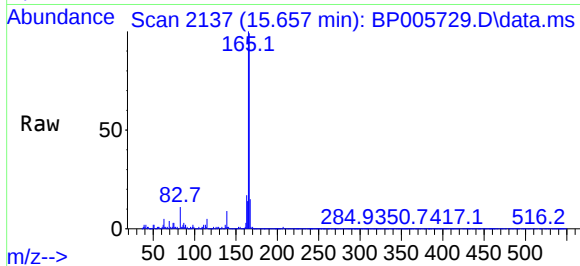
Tgt Ion:168 Resp: 121912
Ion Ratio Lower Upper
168 100
139 37.9 31.4 47.0
169 13.4 11.4 17.0





#58
Fluorene
Concen: 4.372 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

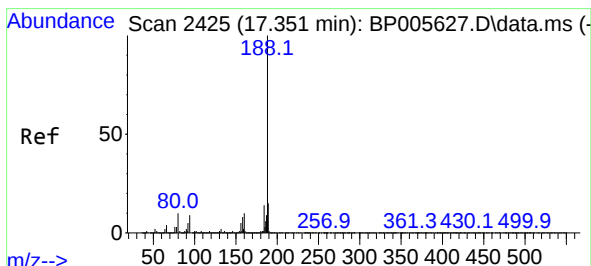
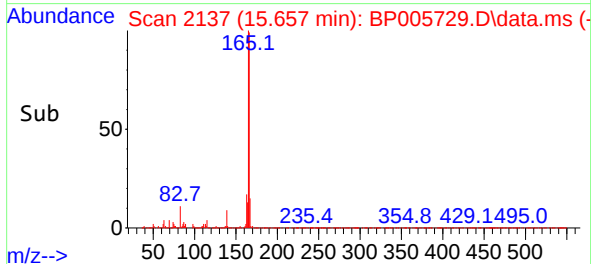
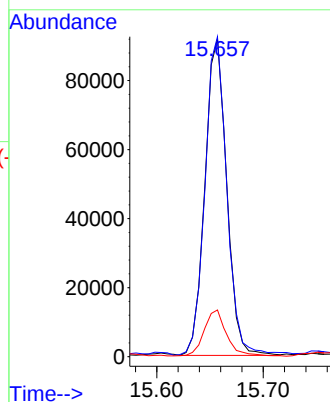


Tgt Ion:166 Resp: 130461
Ion Ratio Lower Upper
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165 100.7 78.8 118.2
167 14.7 10.9 16.3

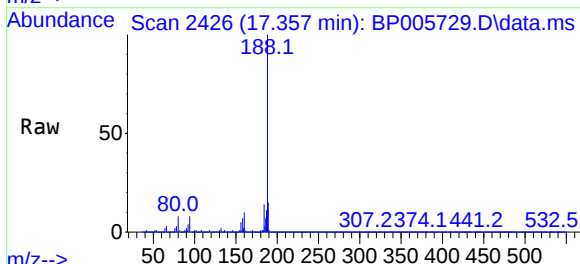
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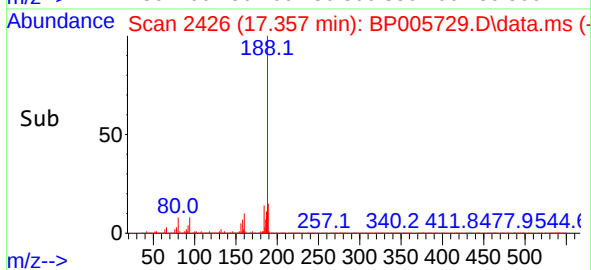
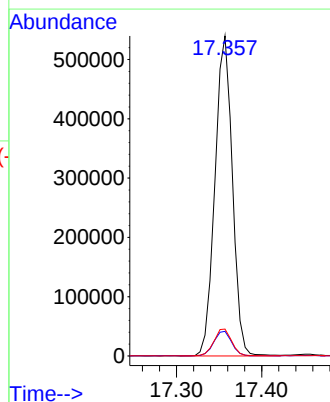
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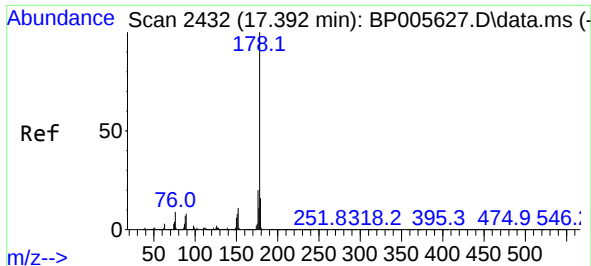


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06



Tgt Ion:188 Resp: 767052
Ion Ratio Lower Upper
188 100
94 7.7 5.0 7.6#
80 8.4 5.9 8.9





#71
Phenanthrene
Concen: 21.935 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

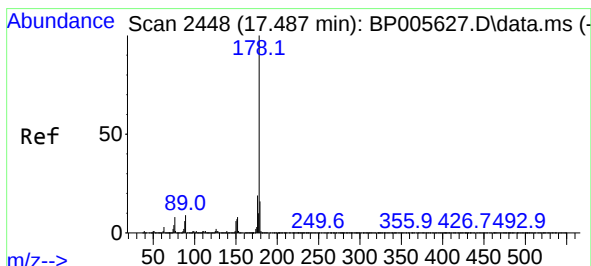
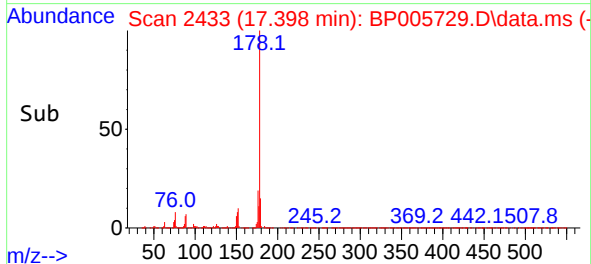
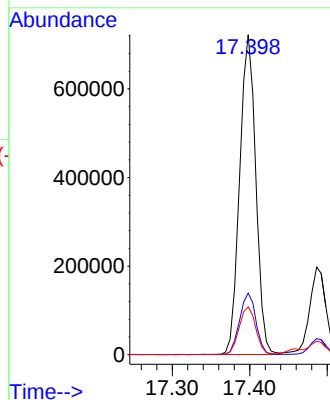
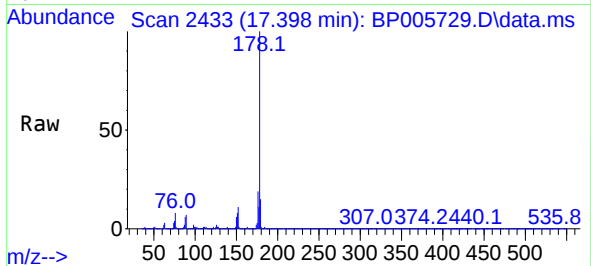
Tgt Ion:178 Resp: 1048198
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.0 12.3 18.5

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

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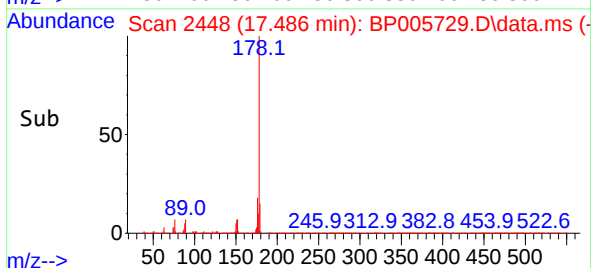
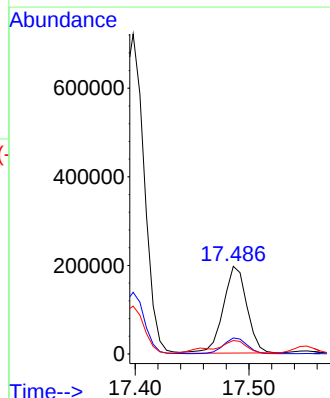
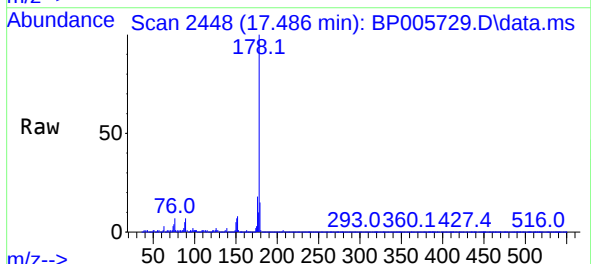
mohammad

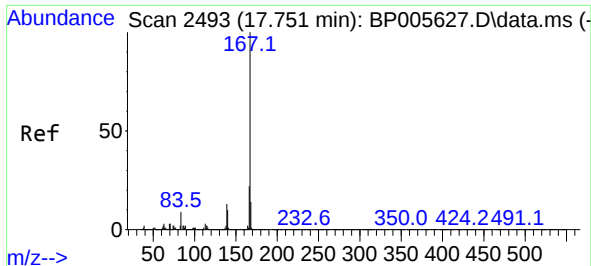
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#72
Anthracene
Concen: 5.999 ng
RT: 17.486 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

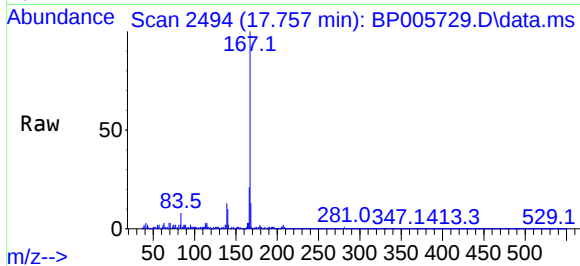
Tgt Ion:178 Resp: 283045
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.3 12.6 19.0





#73
 Carbazole
 Concen: 3.660 ng
 RT: 17.757 min Scan# 2494
 Delta R.T. 0.006 min
 Lab File: BP005729.D
 Acq: 05 Jun 2021 01:06

Instrument :
 BNA_P
 ClientSampleId :
 18-B8(2-4)

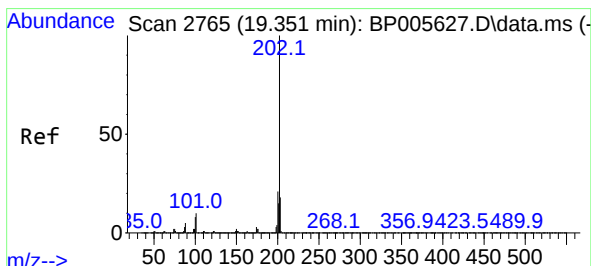
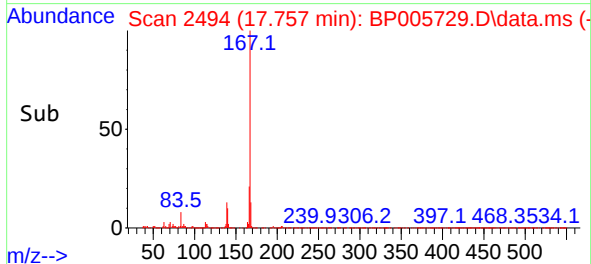
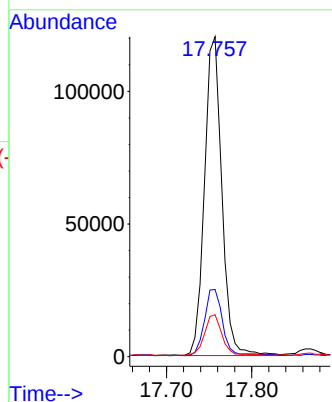


Tgt Ion:167 Resp: 169982
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 13.1 10.4 15.6

Manual Integrations
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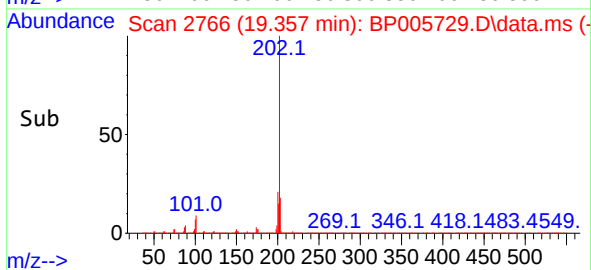
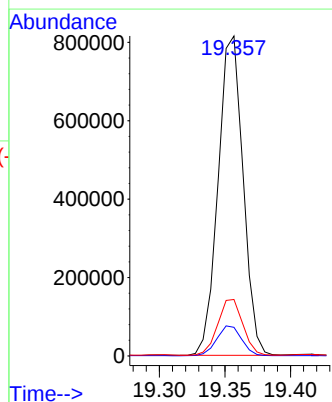
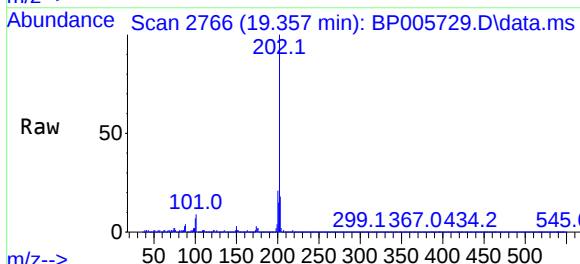
mohammad

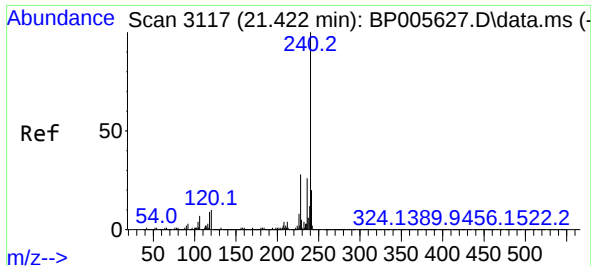
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#75
 Fluoranthene
 Concen: 18.798 ng
 RT: 19.357 min Scan# 2766
 Delta R.T. 0.006 min
 Lab File: BP005729.D
 Acq: 05 Jun 2021 01:06

Tgt Ion:202 Resp: 1078365
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 26.1
 203 17.7 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

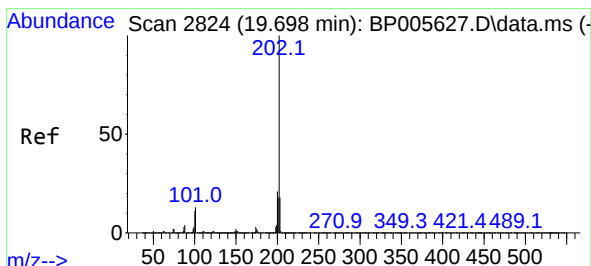
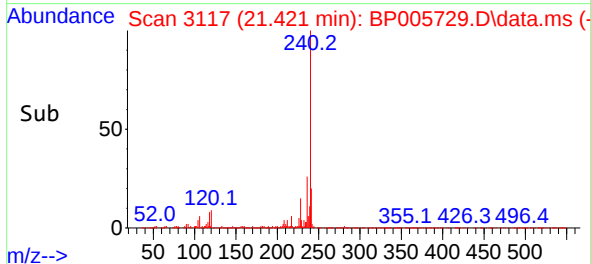
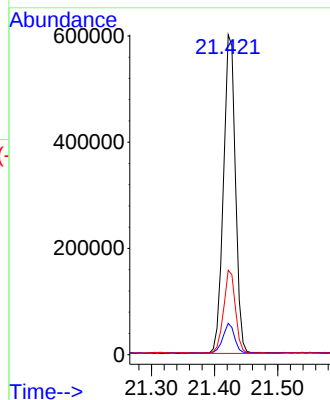
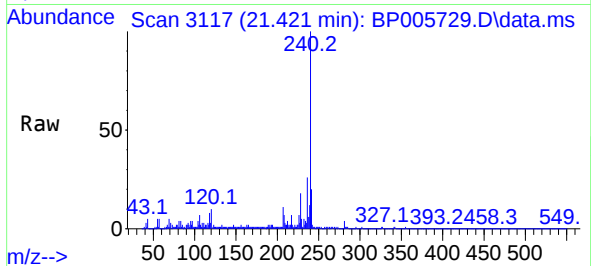
Tgt Ion:240 Resp: 793478
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 26.4 20.2 30.2

Instrument :
BNA_P
ClientSampleId :
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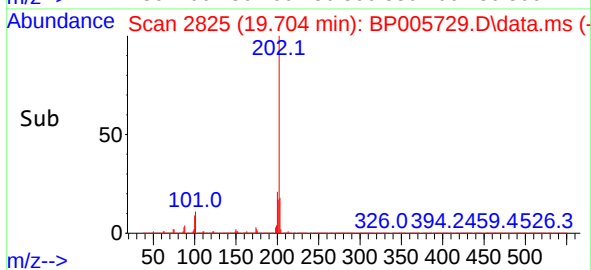
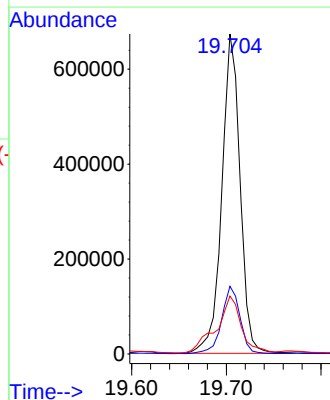
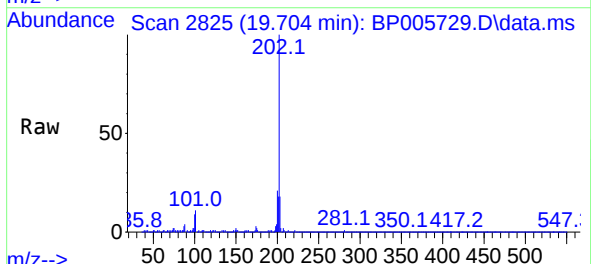
mohammad

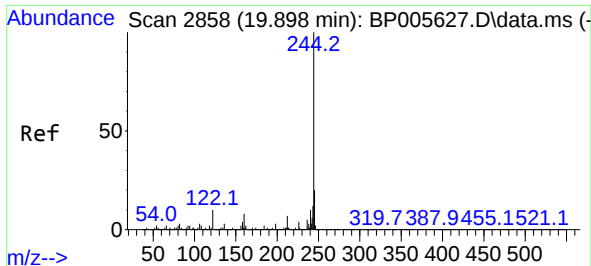
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#78
Pyrene
Concen: 16.089 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

Tgt Ion:202 Resp: 900796
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 18.1 13.8 20.6





#79
Terphenyl-d14
Concen: 9.998 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

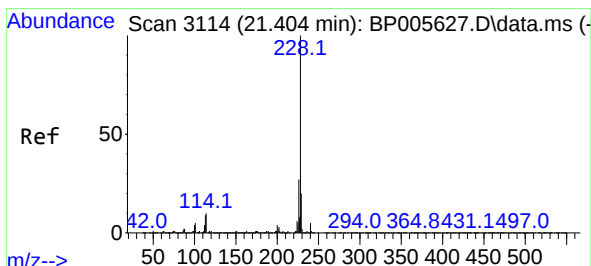
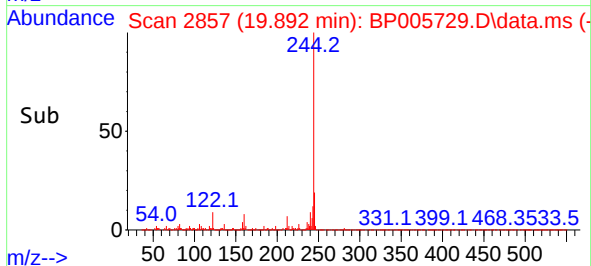
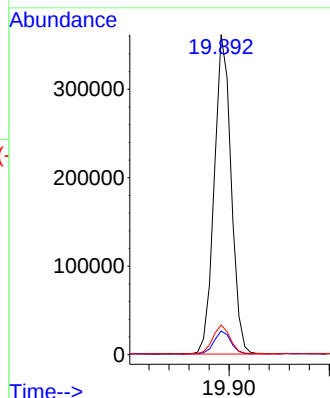
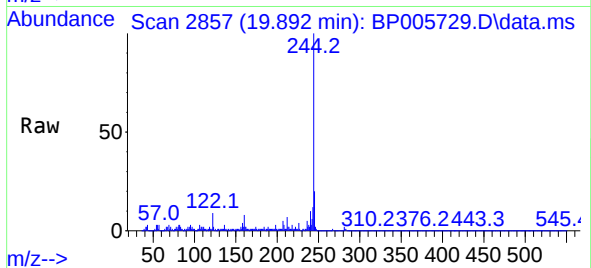
Tgt Ion:244 Resp: 422761
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.3 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
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Manual Integrations
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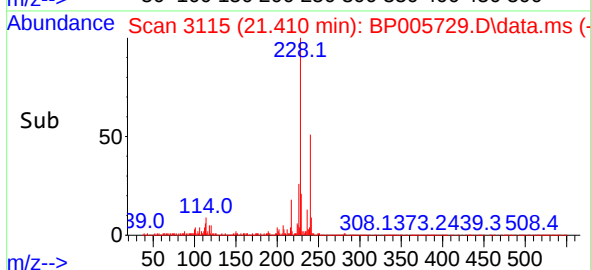
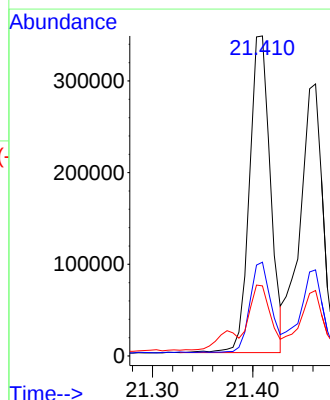
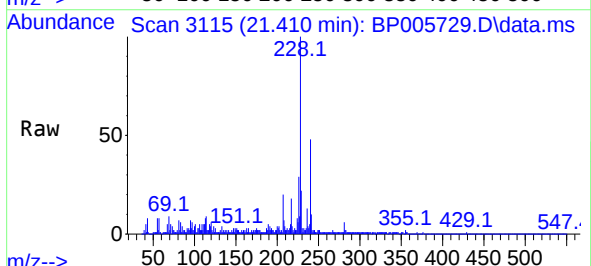
mohammad

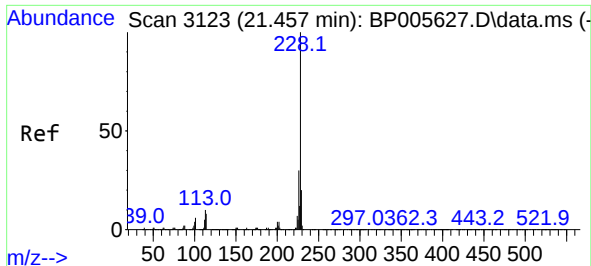
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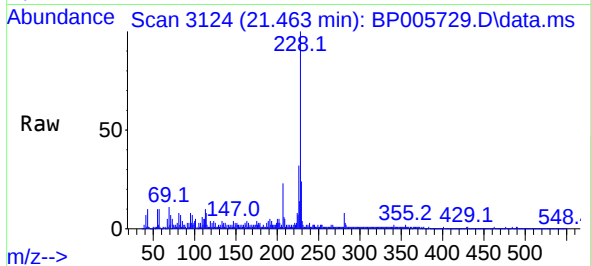
#81
Benzo(a)anthracene
Concen: 8.594 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

Tgt Ion:228 Resp: 500424
Ion Ratio Lower Upper
228 100
226 29.3 21.2 31.8
229 21.9 15.6 23.4

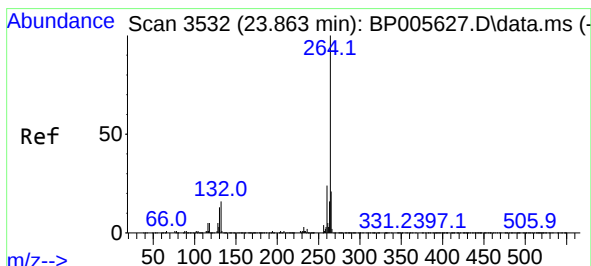
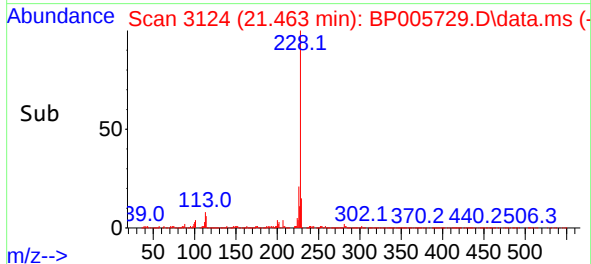
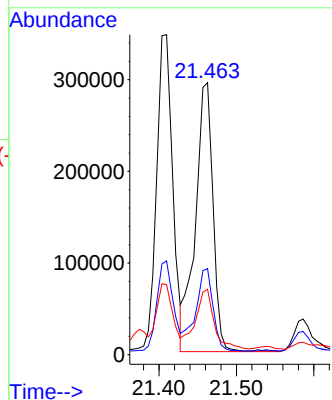




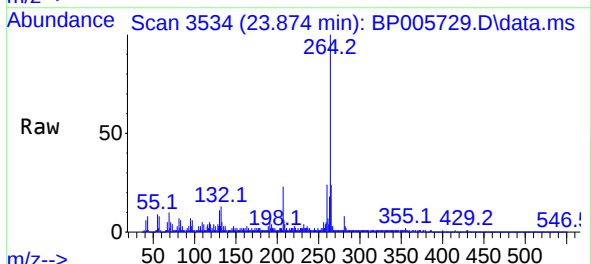
#83
Chrysene
Concen: 8.249 ng m
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06



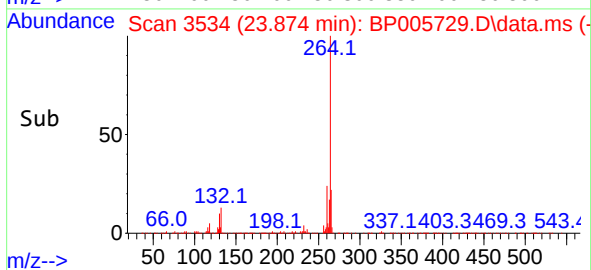
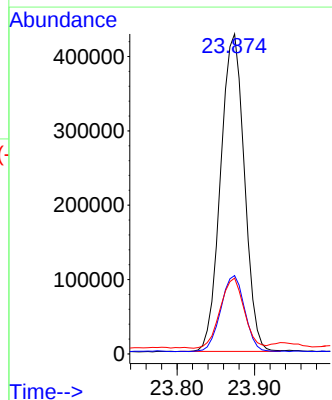
Tgt Ion:228 Resp: 465149
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 24.1 15.4 23.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.874 min Scan# 3534
Delta R.T. 0.011 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06



Tgt Ion:264 Resp: 910768
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 23.7 19.0 28.6

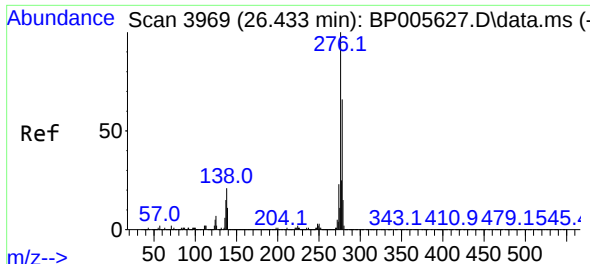


Instrument :
BNA_P
ClientSampleId :
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.611 ng
RT: 26.445 min Scan# 3971
Delta R.T. 0.012 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

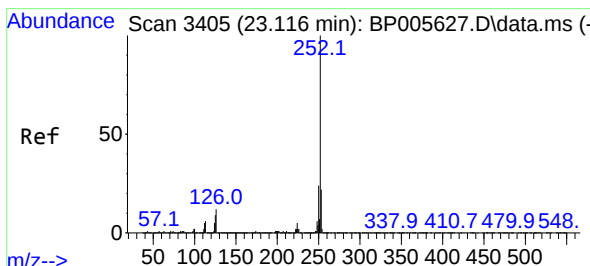
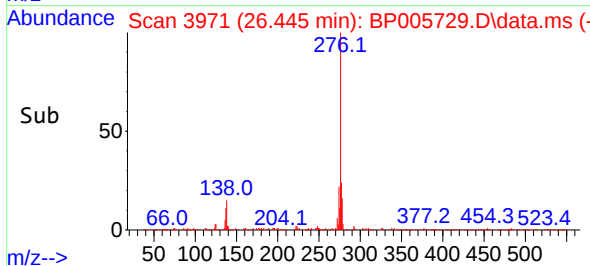
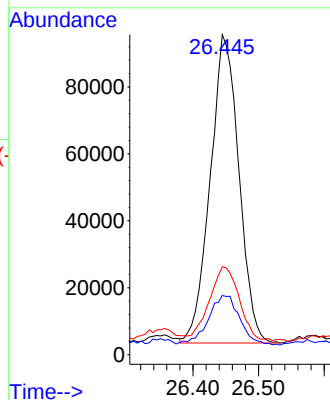
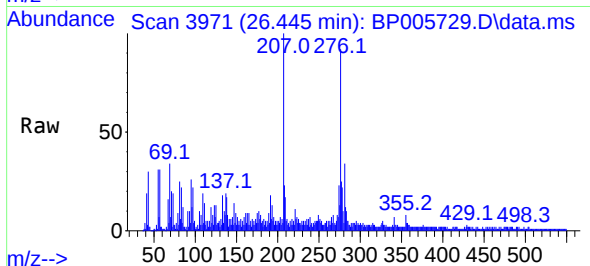
Tgt Ion: 276 Resp: 279842
Ion Ratio Lower Upper
276 100
138 17.8 8.4 12.6#
277 24.8 20.6 31.0

Instrument :
BNA_P
ClientSampleId :
18-B8(2-4)

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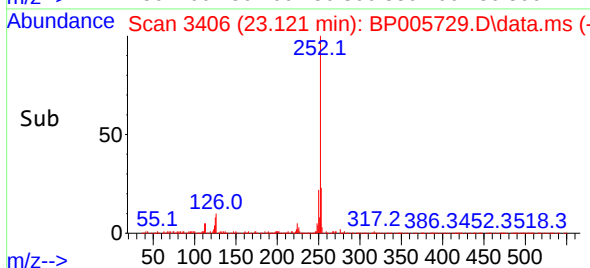
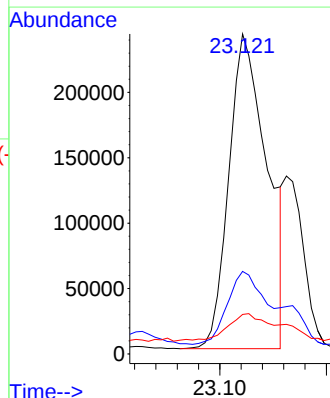
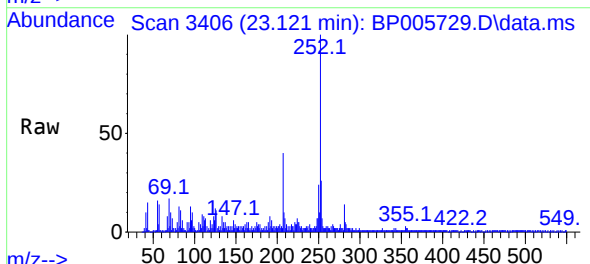
mohammad

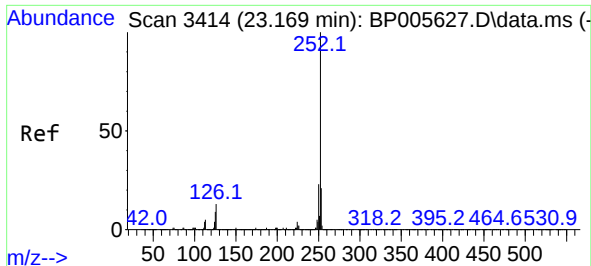
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#88
Benzo(b)fluoranthene
Concen: 9.087 ng
RT: 23.121 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

Tgt Ion: 252 Resp: 600473
Ion Ratio Lower Upper
252 100
253 25.8 18.2 27.2
125 12.3 3.4 5.0#





#89
Benzo(k)fluoranthene
Concen: 2.695 ng m
RT: 23.163 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

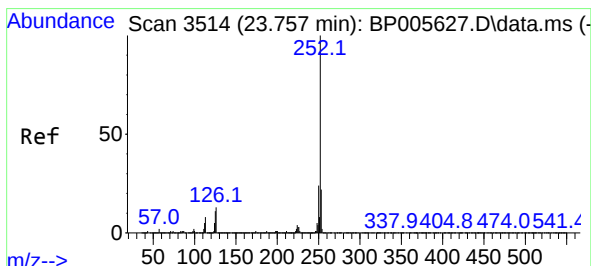
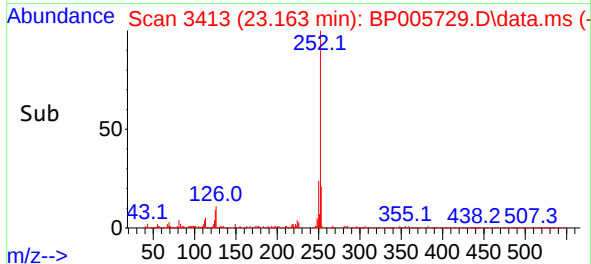
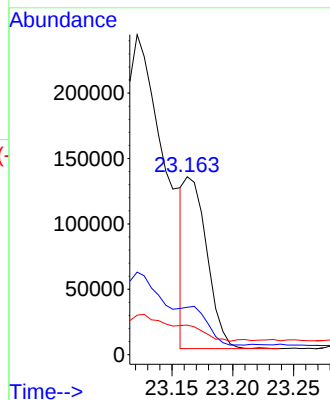
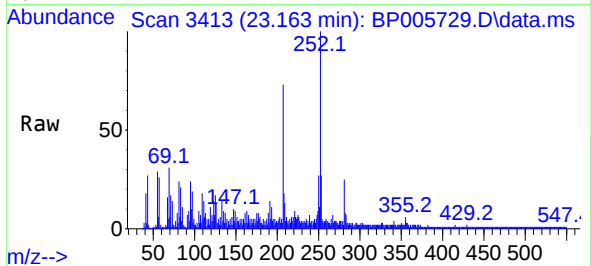
Tgt Ion:252 Resp: 168726
Ion Ratio Lower Upper
252 100
253 26.6 17.2 25.8#
125 16.6 3.8 5.6#

Instrument :
BNA_P
ClientSampleId :
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Manual Integrations
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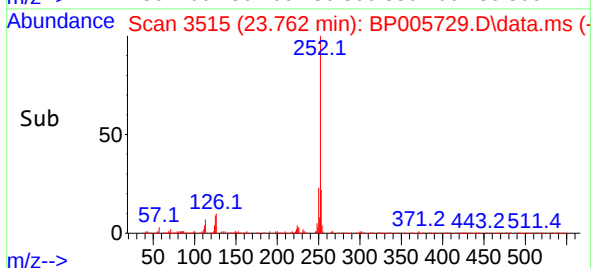
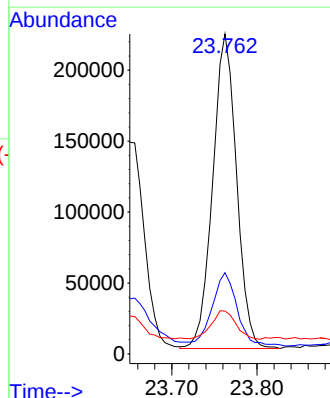
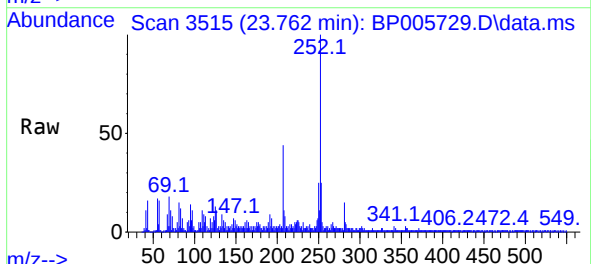
mohammad

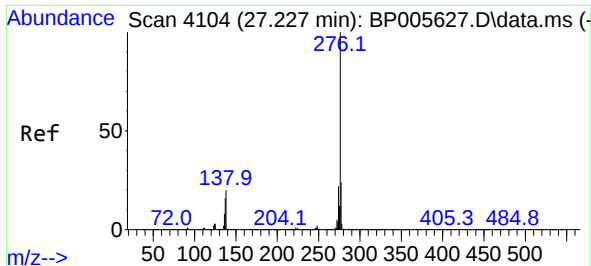
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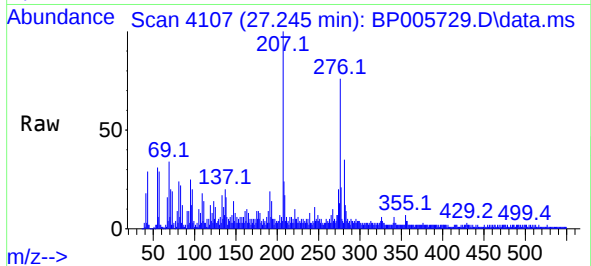
#90
Benzo(a)pyrene
Concen: 7.183 ng
RT: 23.762 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06

Tgt Ion:252 Resp: 431818
Ion Ratio Lower Upper
252 100
253 25.4 17.1 25.7
125 13.4 3.8 5.6#

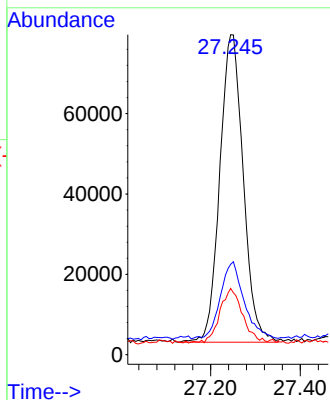
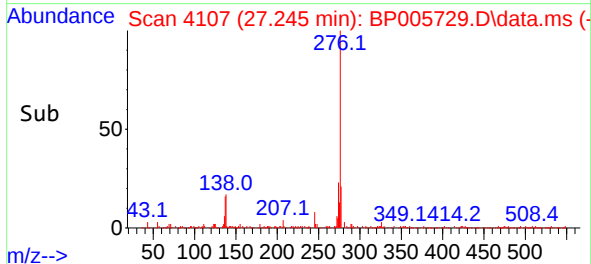




#92
Benzo(g,h,i)perylene
Concen: 4.284 ng
RT: 27.245 min Scan# 4107
Delta R.T. 0.017 min
Lab File: BP005729.D
Acq: 05 Jun 2021 01:06



Tgt Ion: 276 Resp: 277874
Ion Ratio Lower Upper
276 100
277 28.2 19.8 29.8
138 20.7 7.7 11.5#



Instrument :
BNA_P
ClientSampleId :
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Manual Integrations
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