

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005723.D
 Acq On : 04 Jun 2021 21:42
 Operator : CG/JU
 Sample : M2589-13 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B10(4-6)

Manual Integrations
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Quant Time: Jun 05 02:33:06 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	158157	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	612417	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	390139	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	809251	20.000	ng	# 0.00
76) Chrysene-d12	21.422	240	808223	20.000	ng	# 0.00
86) Perylene-d12	23.874	264	945023	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	195822	19.250	ng	0.00
7) Phenol-d6	7.152	99	484332	34.925	ng	0.00
23) Nitrobenzene-d5	9.146	82	342280	31.083	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	26357	5.269	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	820564	27.835	ng	0.00
79) Terphenyl-d14	19.892	244	1257345	29.192	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.846	128	159037	4.361	ng	98
37) 2-Methylnaphthalene	12.446	142	69084	2.673	ng	# 87
38) 1-Methylnaphthalene	12.663	142	53019	2.163	ng	# 96
49) Acenaphthylene	14.334	152	81673	2.035	ng	95
52) Acenaphthene	14.675	154	128293	4.917	ng	96
55) Dibenzofuran	15.004	168	107654	2.692	ng	100
58) Fluorene	15.657	166	148820	4.654	ng	98
71) Phenanthrene	17.398	178	1670867	33.141	ng	99
72) Anthracene	17.486	178	480293	9.648	ng	99
73) Carbazole	17.757	167	159392	3.253	ng	98
75) Fluoranthene	19.357	202	2154209	35.595	ng	97
78) Pyrene	19.704	202	1987508	34.851	ng	99
80) Butylbenzylphthalate	20.563	149	26469	5.179	ng	91
81) Benzo(a)anthracene	21.410	228	1002449	16.901	ng	95
83) Chrysene	21.463	228	943735m	16.431	ng	
84) Bis(2-ethylhexyl)phtha...	21.322	149	129764	4.028	ng	95
87) Indeno(1,2,3-cd)pyrene	26.451	276	630814	7.846	ng	# 93
88) Benzo(b)fluoranthene	23.121	252	1153480m	16.823	ng	
89) Benzo(k)fluoranthene	23.168	252	424956m	6.541	ng	
90) Benzo(a)pyrene	23.763	252	926211	14.848	ng	# 91
91) Dibenzo(a,h)anthracene	26.457	278	169271	2.426	ng	# 76
92) Benzo(g,h,i)perylene	27.245	276	624599	9.281	ng	# 91

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

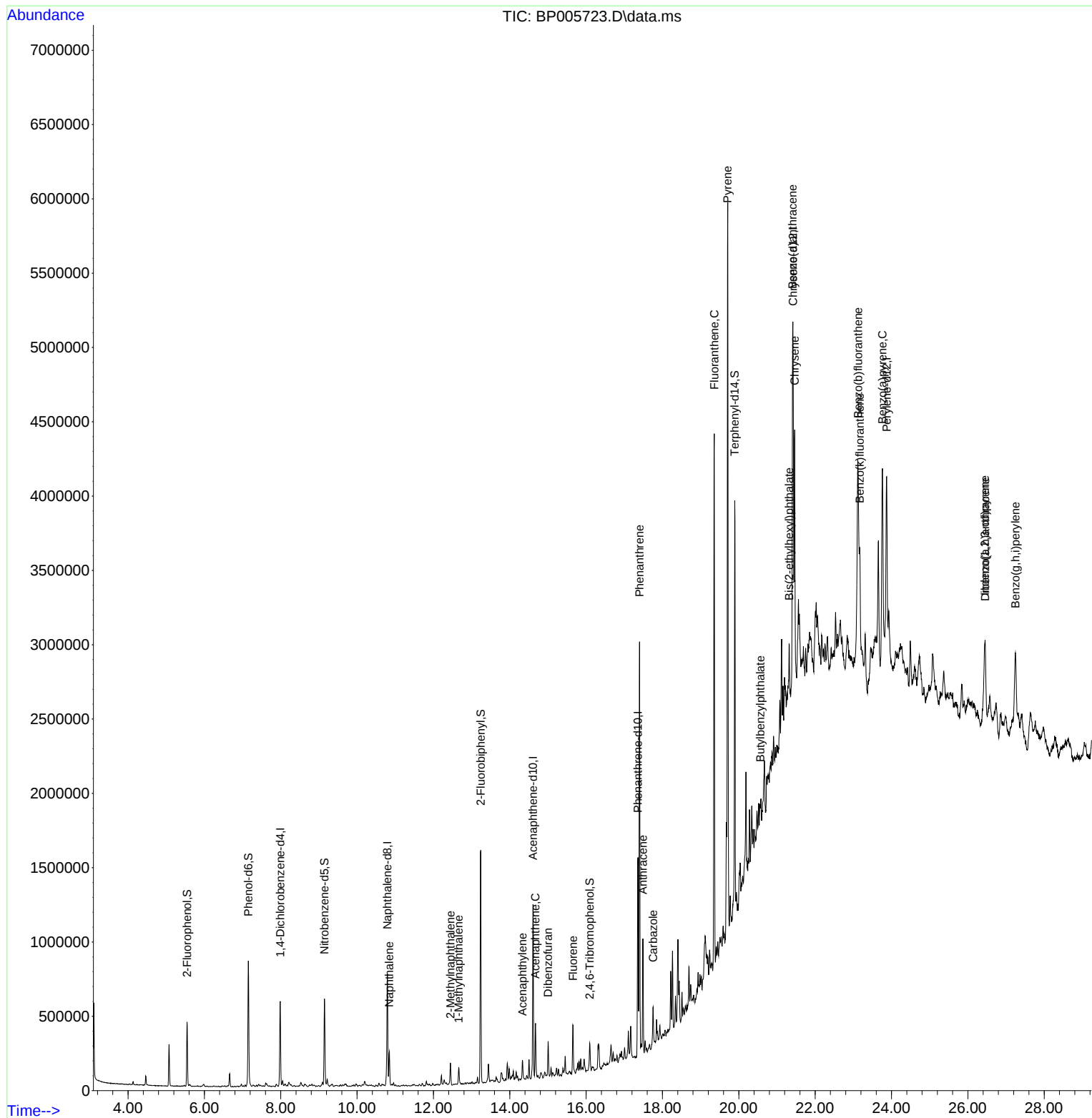
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005723.D
Acq On : 04 Jun 2021 21:42
Operator : CG/JU
Sample : M2589-13 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

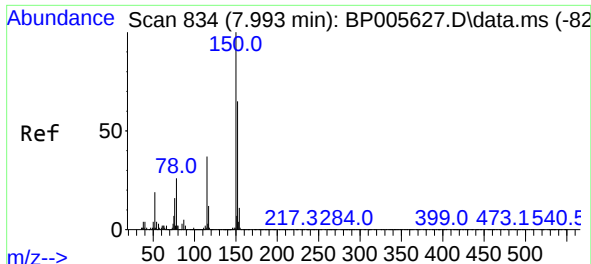
Instrument :
BNA_P
ClientSampled :
18-B10(4-6)

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Quant Time: Jun 05 02:33:06 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
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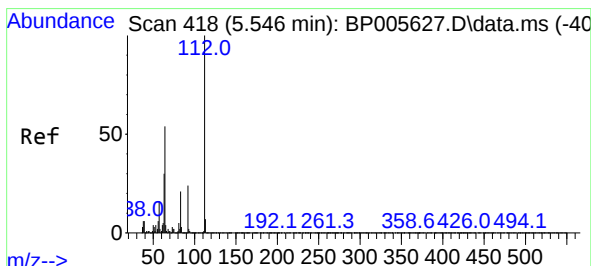
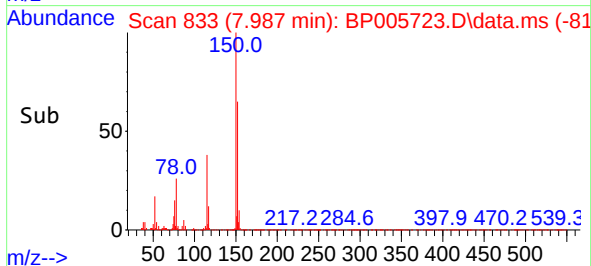
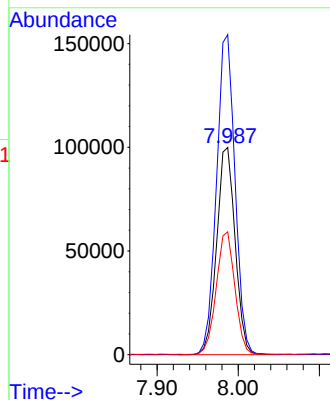
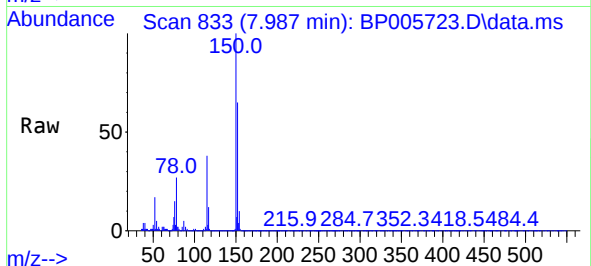
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:152 Resp: 158157
Ion Ratio Lower Upper
152 100
150 154.4 119.8 179.8
115 59.3 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

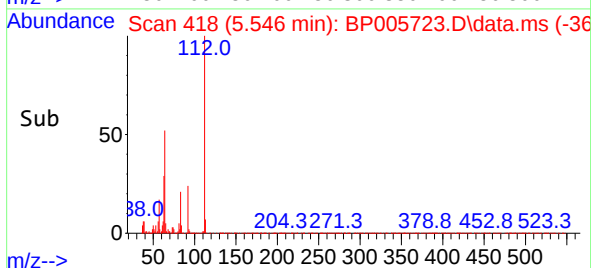
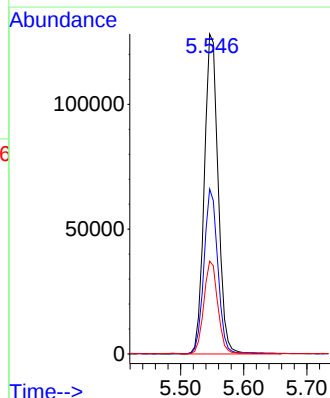
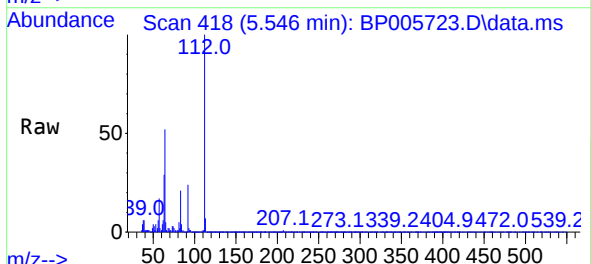
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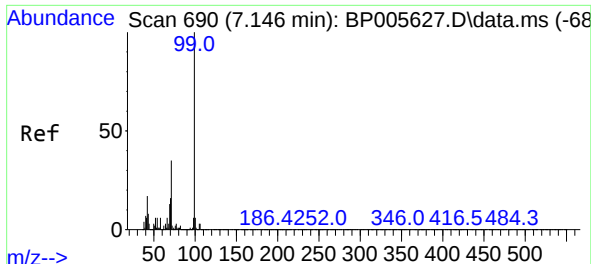
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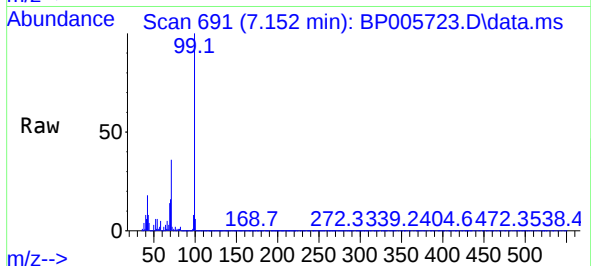
#5
2-Fluorophenol
Concen: 19.250 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:112 Resp: 195822
Ion Ratio Lower Upper
112 100
64 51.6 33.6 50.4#
63 29.0 18.6 27.8#

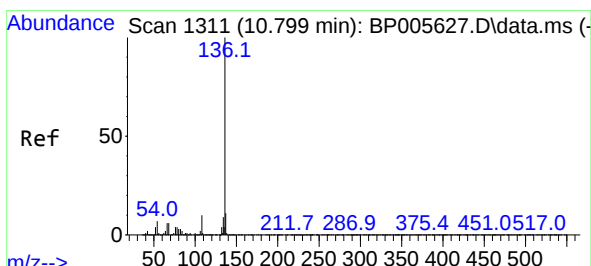
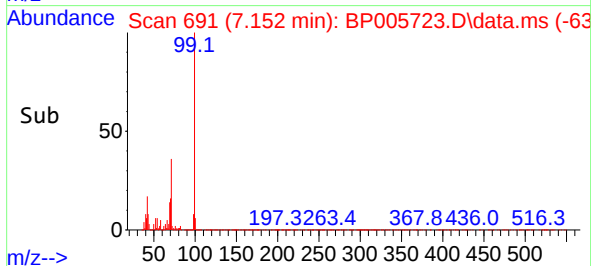
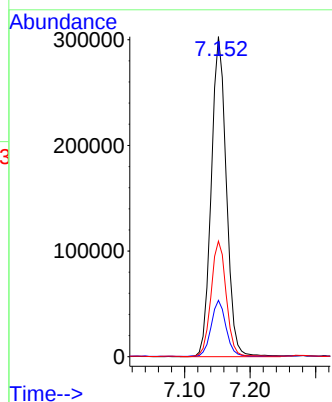




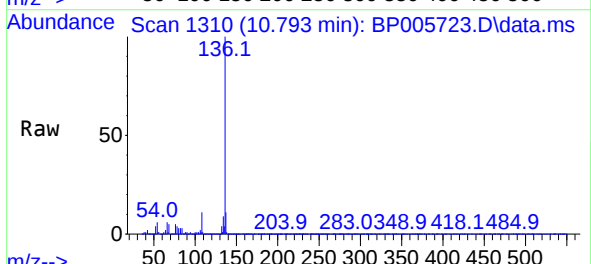
#7
Phenol-d6
Concen: 34.925 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42



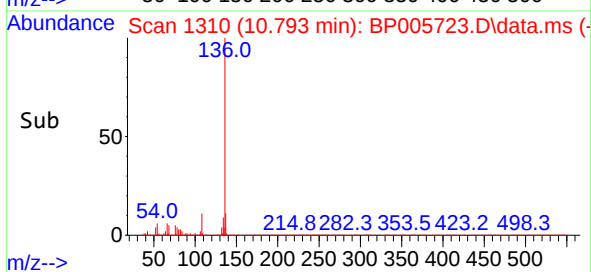
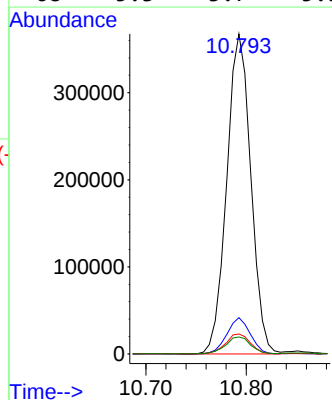
Tgt Ion: 99 Resp: 484332
Ion Ratio Lower Upper
99 100
42 17.6 12.9 19.3
71 36.1 26.7 40.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42



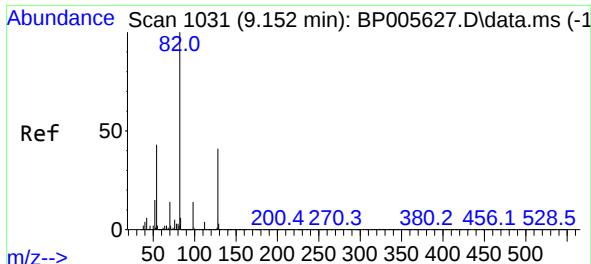
Tgt Ion: 136 Resp: 612417
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 6.3 5.0 7.4
68 5.3 3.7 5.5



Instrument :
BNA_P
ClientSampleId :
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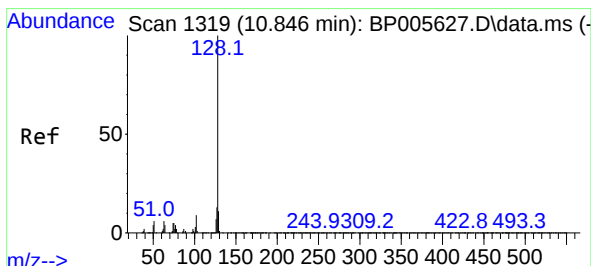
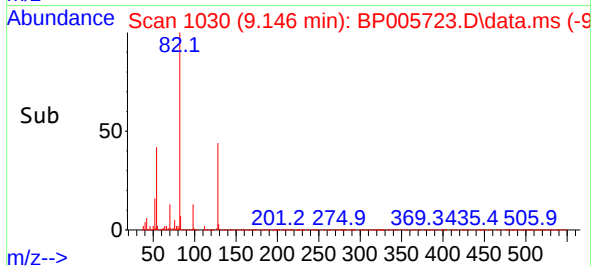
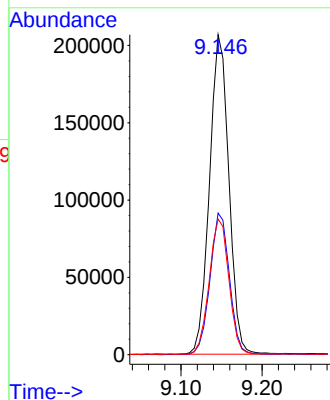
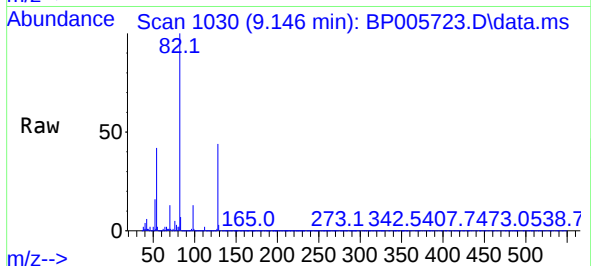
#23
Nitrobenzene-d5
Concen: 31.083 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion: 82 Resp: 342280
Ion Ratio Lower Upper
82 100
128 44.2 30.5 45.7
54 42.4 33.9 50.9

Instrument :
BNA_P
ClientSampled :
18-B10(4-6)

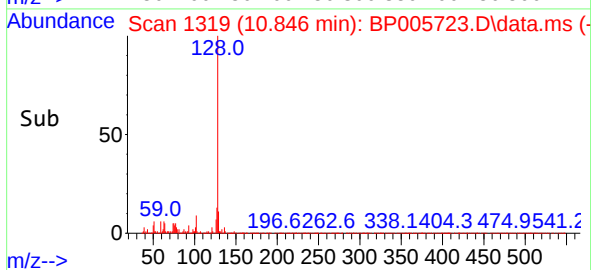
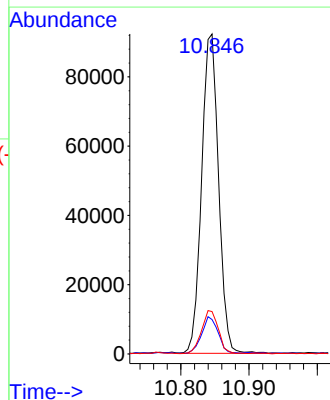
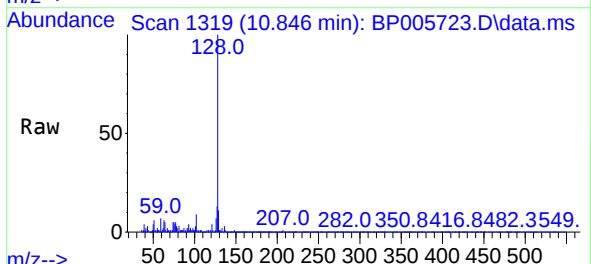
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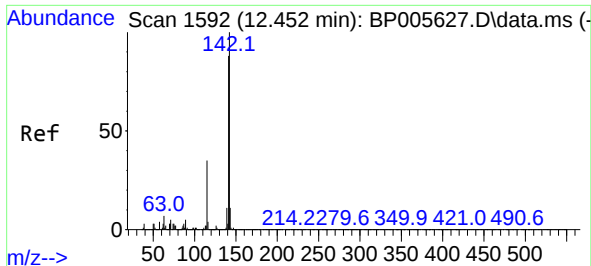
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#31
Naphthalene
Concen: 4.361 ng
RT: 10.846 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

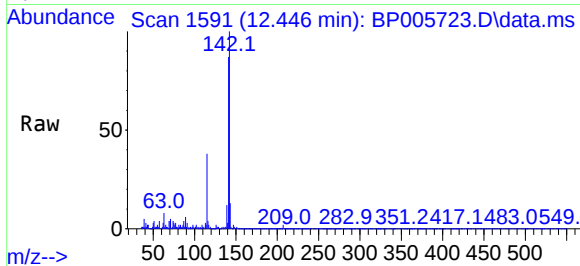
Tgt Ion: 128 Resp: 159037
Ion Ratio Lower Upper
128 100
129 10.7 8.0 12.0
127 13.2 11.1 16.7





#37
2-Methylnaphthalene
Concen: 2.673 ng
RT: 12.446 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

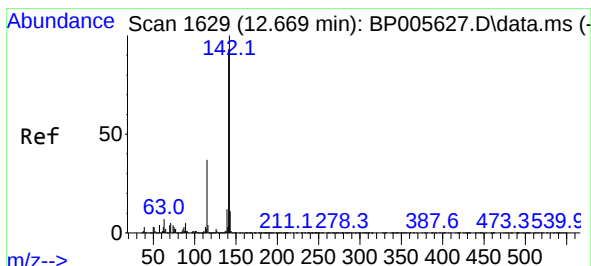
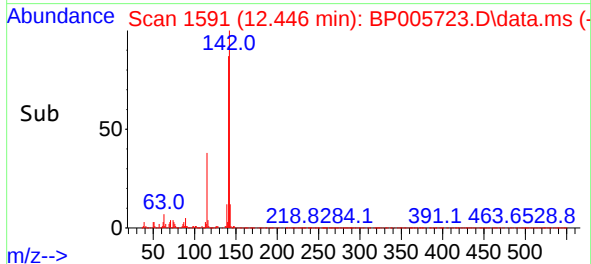
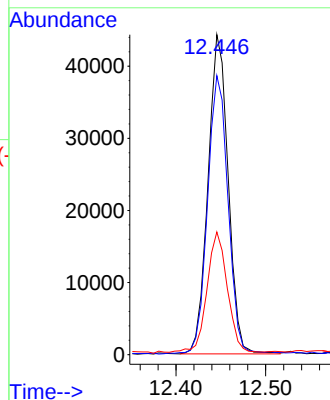
Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)



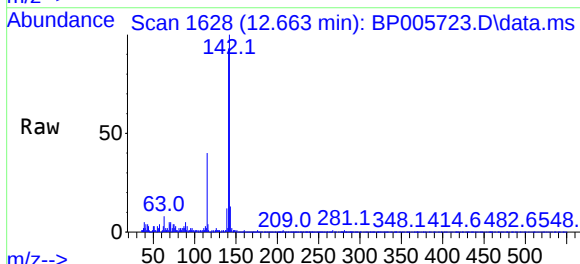
Tgt Ion:142 Resp: 69084
Ion Ratio Lower Upper
142 100
141 87.2 74.7 112.1
115 38.3 43.8 65.8#

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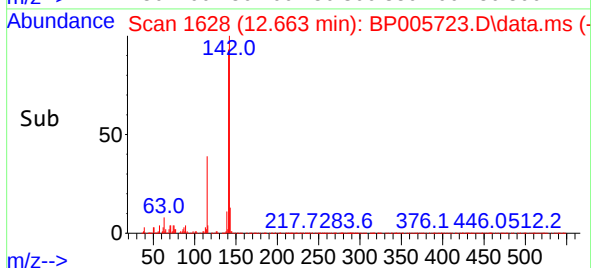
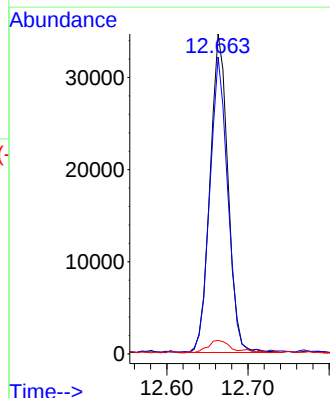
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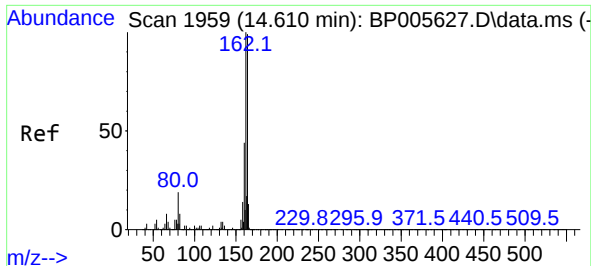


#38
1-Methylnaphthalene
Concen: 2.163 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42



Tgt Ion:142 Resp: 53019
Ion Ratio Lower Upper
142 100
141 92.8 77.0 115.6
116 4.2 5.0 7.6#





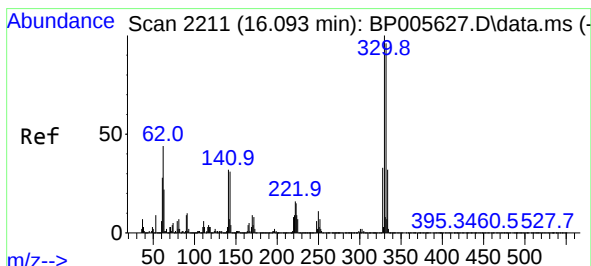
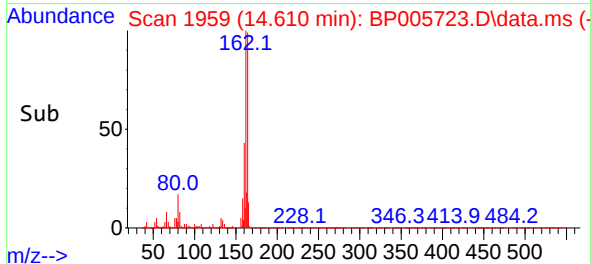
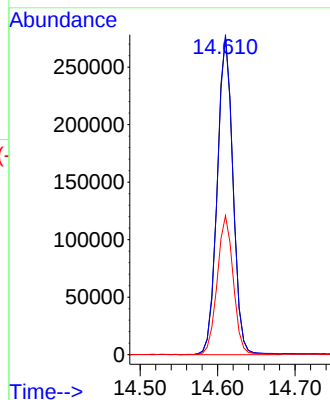
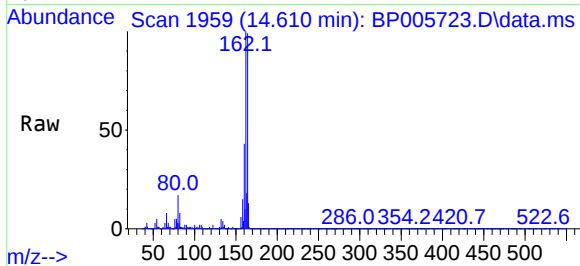
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:164 Resp: 390139
Ion Ratio Lower Upper
164 100
162 100.7 73.5 110.3
160 43.7 40.6 61.0

Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

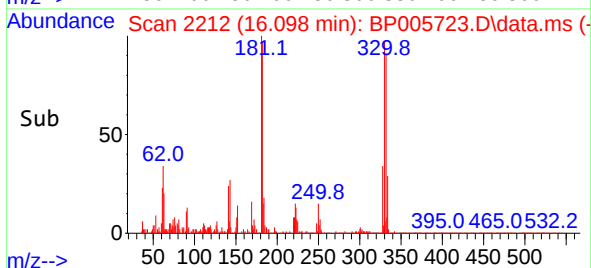
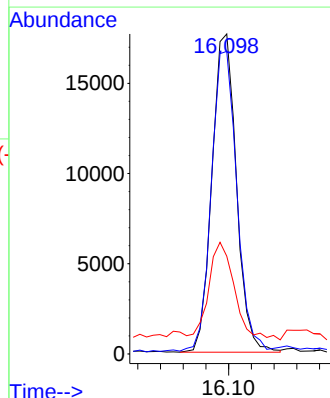
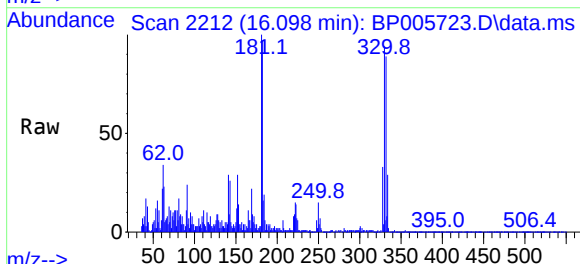
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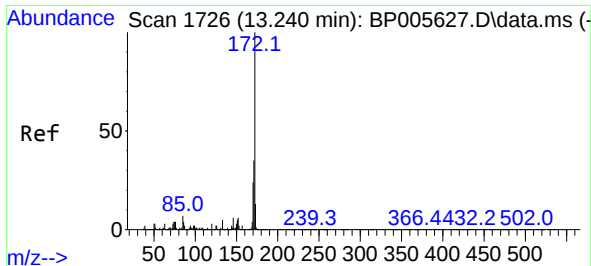
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#42
2,4,6-Tribromophenol
Concen: 5.269 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

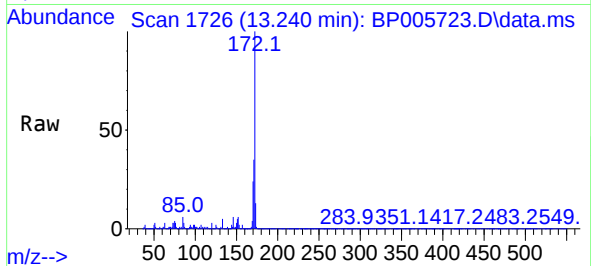
Tgt Ion:330 Resp: 26357
Ion Ratio Lower Upper
330 100
332 98.5 76.3 114.5
141 32.7 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 27.835 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

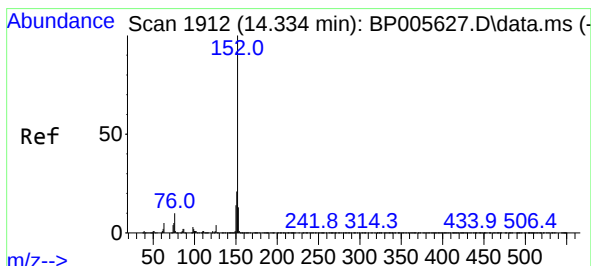
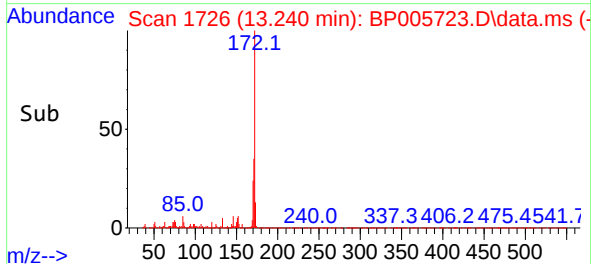
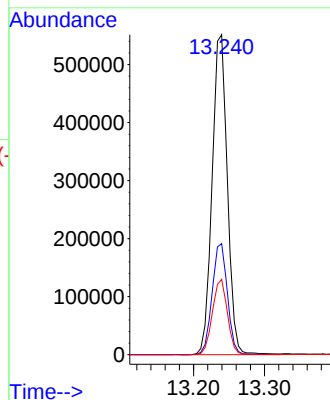
Instrument :
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ClientSampleId :
18-B10(4-6)



Tgt Ion:172 Resp: 820564
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.6 19.6 29.4

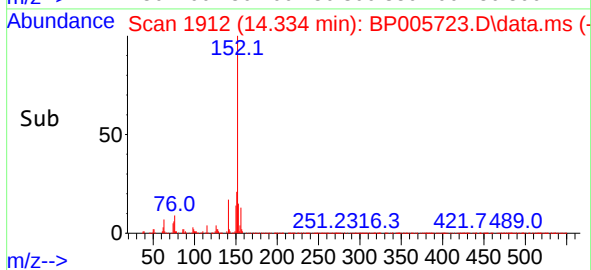
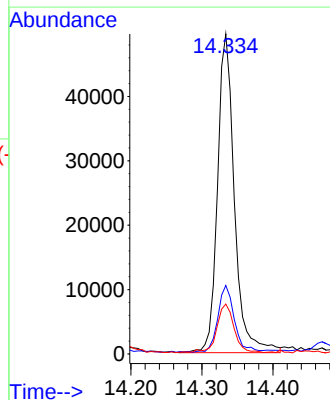
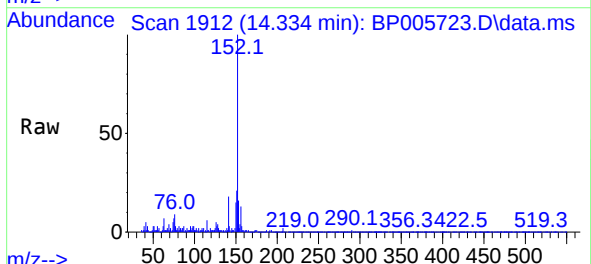
Manual Integrations
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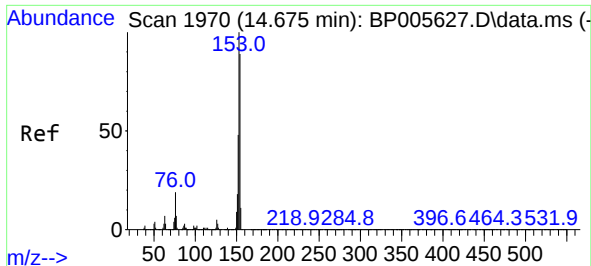
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#49
Acenaphthylene
Concen: 2.035 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:152 Resp: 81673
Ion Ratio Lower Upper
152 100
151 21.4 15.8 23.6
153 15.6 10.5 15.7





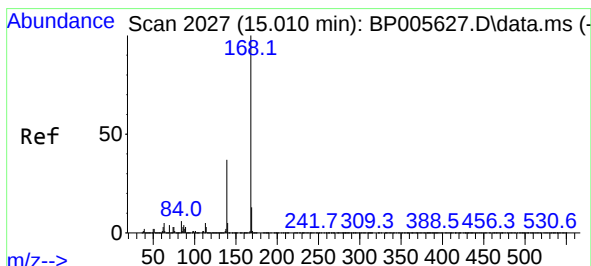
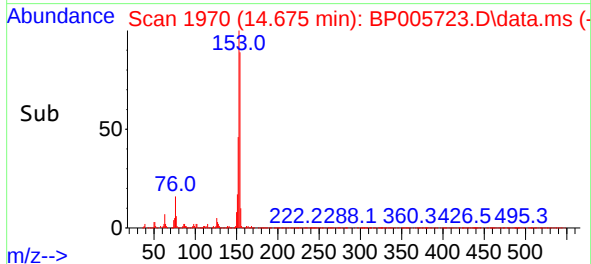
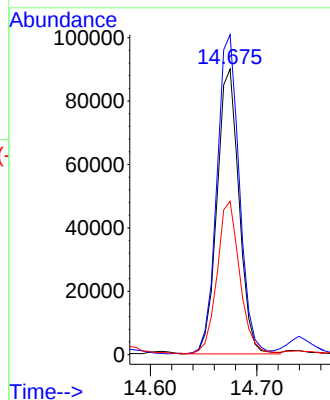
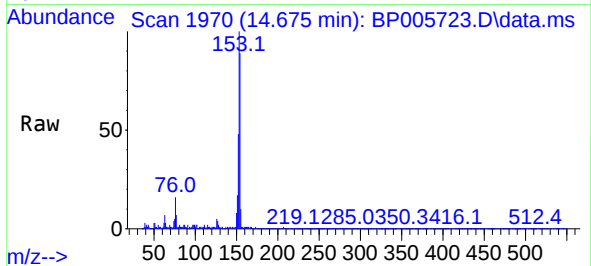
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Acenaphthene
Concen: 4.917 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:154 Resp: 128293
Ion Ratio Lower Upper
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153 112.1 90.9 136.3
152 53.8 48.5 72.7

Instrument :
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ClientSampleId :
18-B10(4-6)

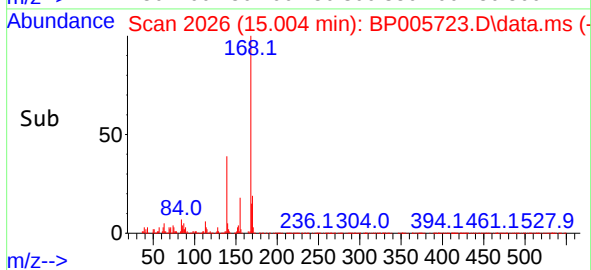
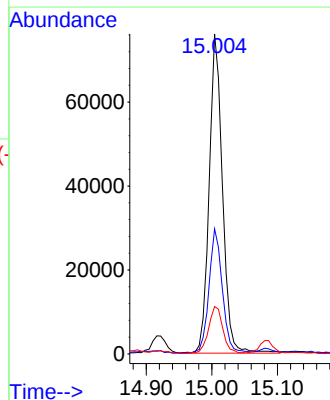
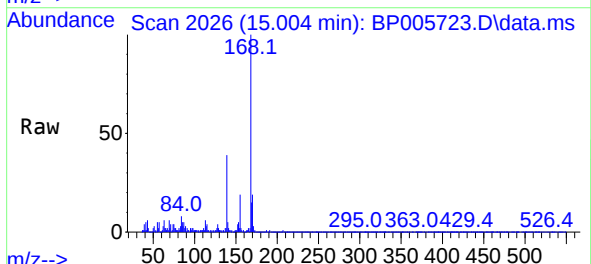
Manual Integrations
APPROVED

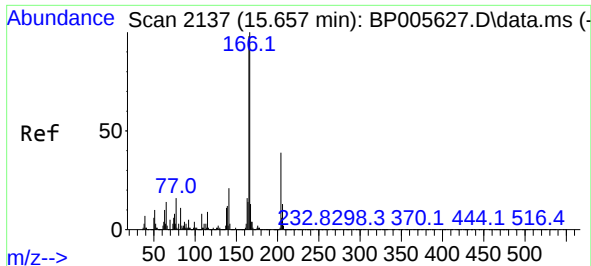
mohammad
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#55
Dibenzofuran
Concen: 2.692 ng
RT: 15.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:168 Resp: 107654
Ion Ratio Lower Upper
168 100
139 39.1 31.4 47.0
169 14.8 11.4 17.0





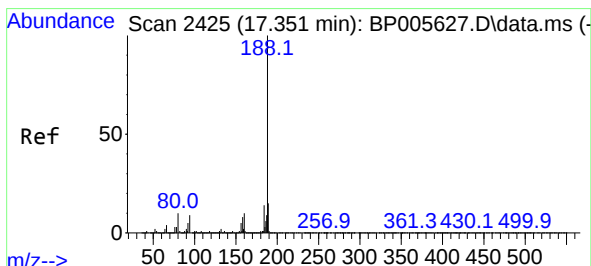
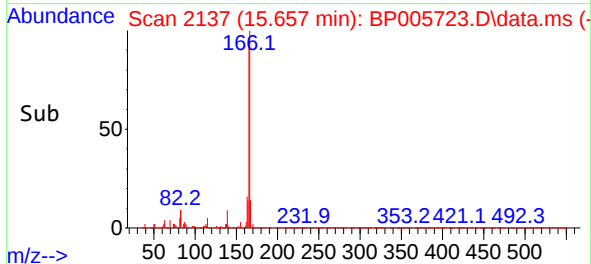
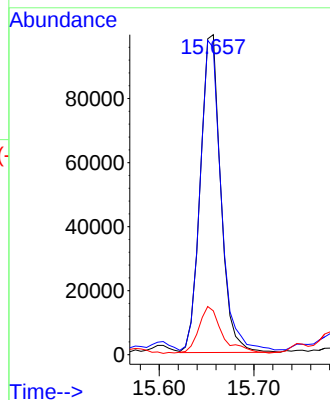
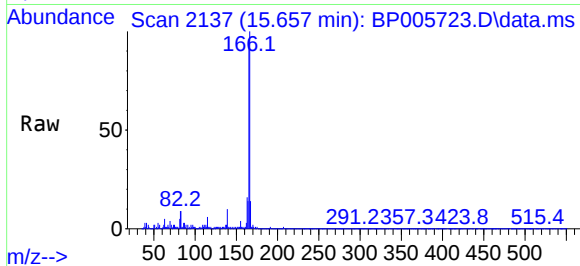
#58
Fluorene
Concen: 4.654 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:166 Resp: 148820
Ion Ratio Lower Upper
166 100
165 95.9 78.8 118.2
167 13.7 10.9 16.3

Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

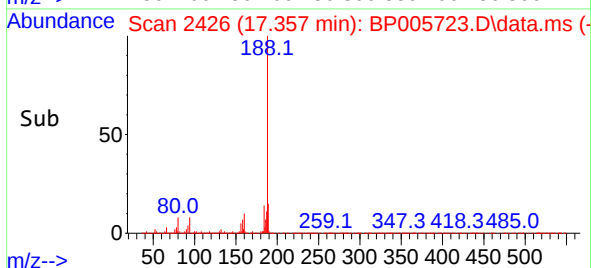
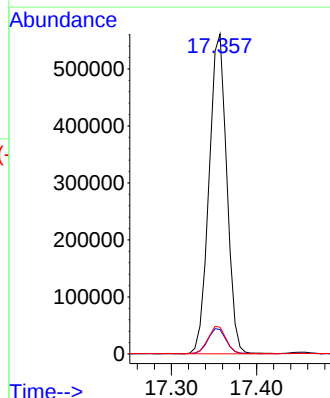
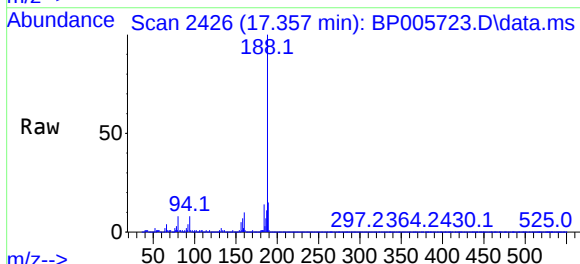
Manual Integrations
APPROVED

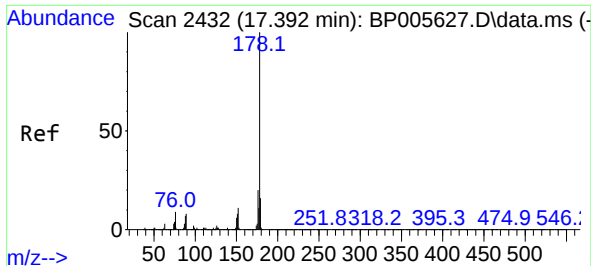
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

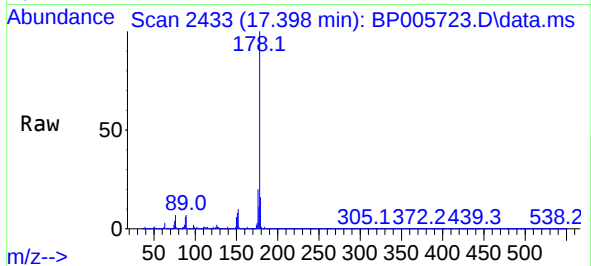
Tgt Ion:188 Resp: 809251
Ion Ratio Lower Upper
188 100
94 7.7 5.0 7.6#
80 8.3 5.9 8.9





#71
Phenanthrene
Concen: 33.141 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

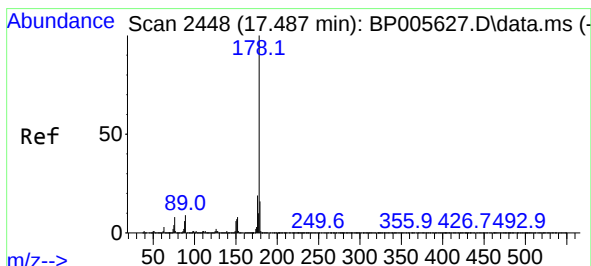
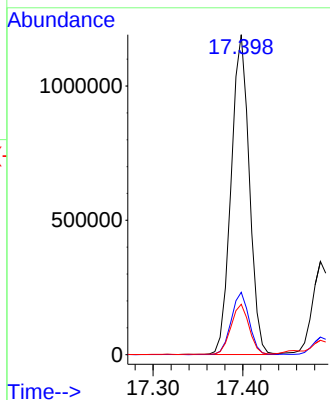
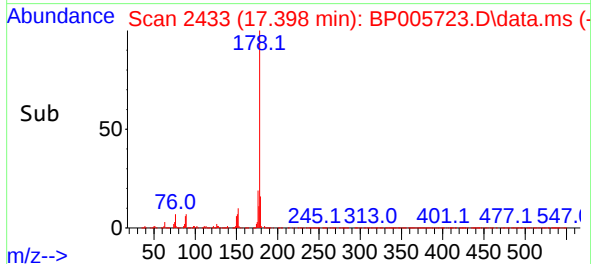
Instrument :
BNA_P
ClientSampled :
18-B10(4-6)



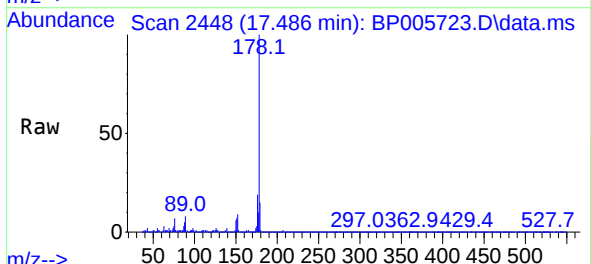
Tgt Ion:178 Resp: 1670867
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.8 12.3 18.5

Manual Integrations
APPROVED

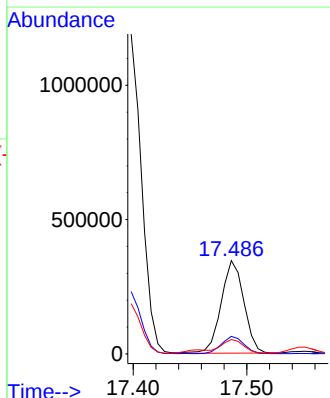
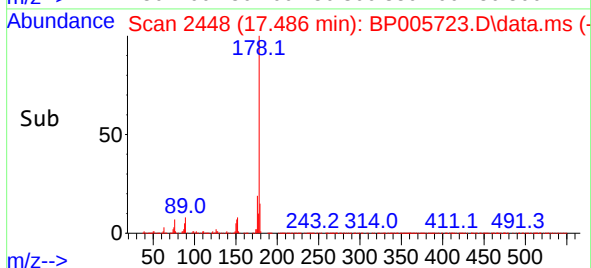
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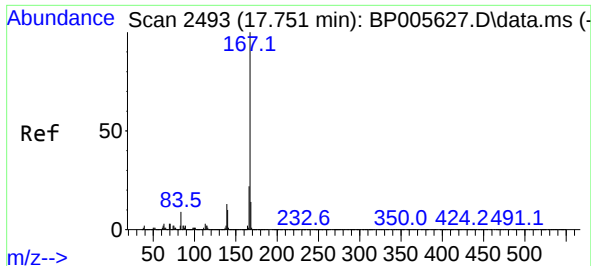


#72
Anthracene
Concen: 9.648 ng
RT: 17.486 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42



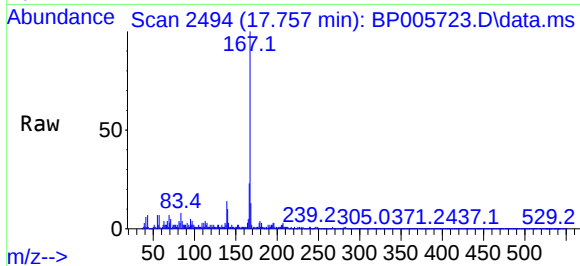
Tgt Ion:178 Resp: 480293
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.5 12.6 19.0





#73
 Carbazole
 Concen: 3.253 ng
 RT: 17.757 min Scan# 2494
 Delta R.T. 0.006 min
 Lab File: BP005723.D
 Acq: 04 Jun 2021 21:42

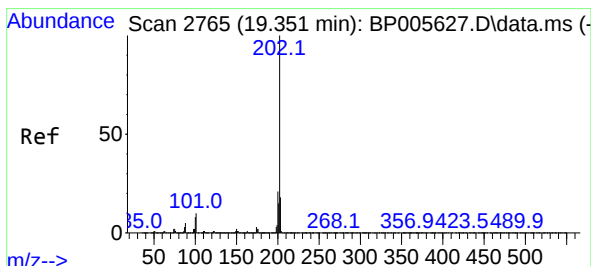
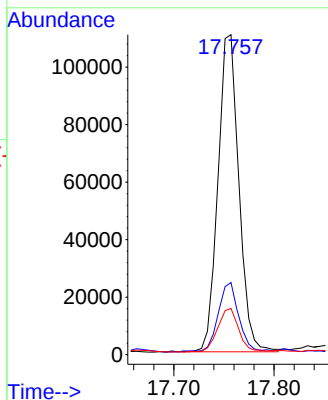
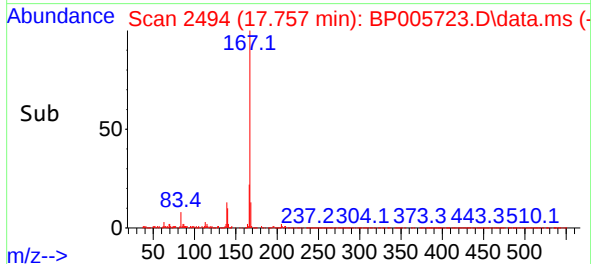
Instrument :
 BNA_P
 ClientSampled :
 18-B10(4-6)



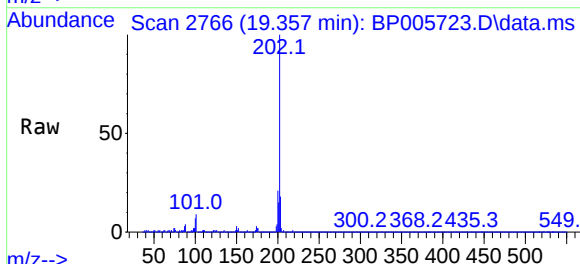
Tgt Ion:167 Resp: 159392
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.0
 139 14.5 10.4 15.6

Manual Integrations
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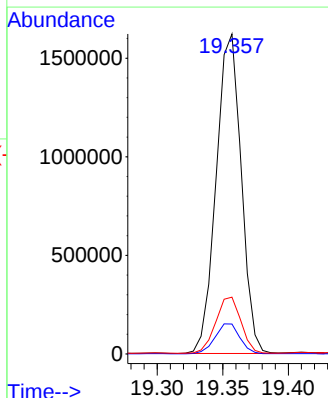
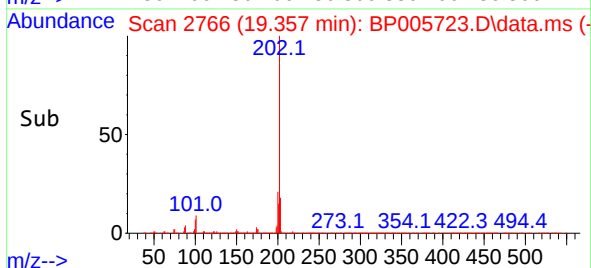
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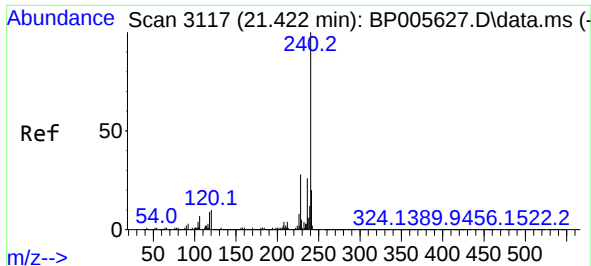


#75
 Fluoranthene
 Concen: 35.595 ng
 RT: 19.357 min Scan# 2766
 Delta R.T. 0.006 min
 Lab File: BP005723.D
 Acq: 04 Jun 2021 21:42



Tgt Ion:202 Resp: 2154209
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 26.1
 203 17.8 0.0 37.2





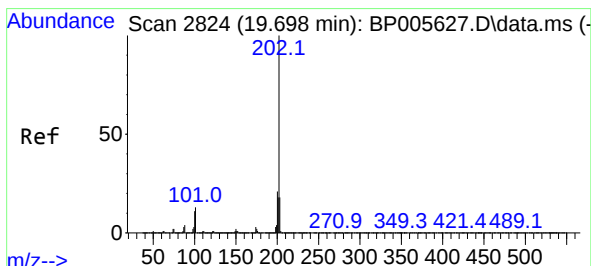
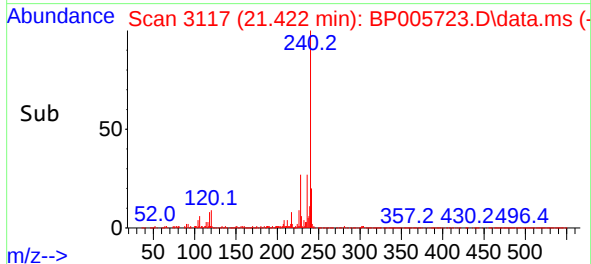
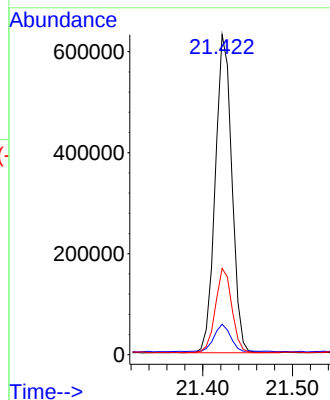
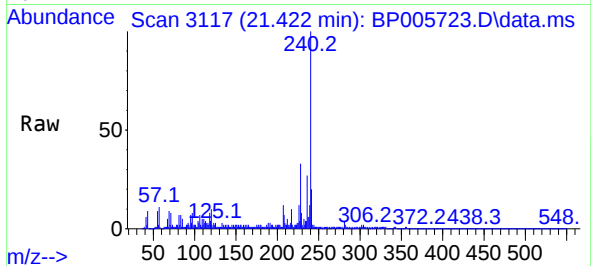
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:240 Resp: 808223
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.9 20.2 30.2

Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

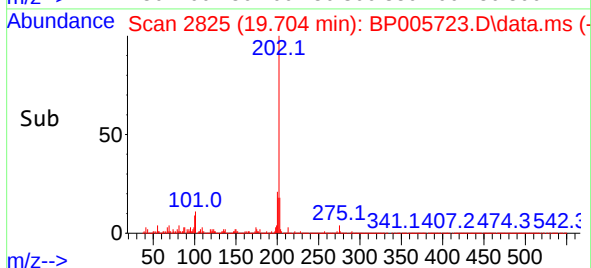
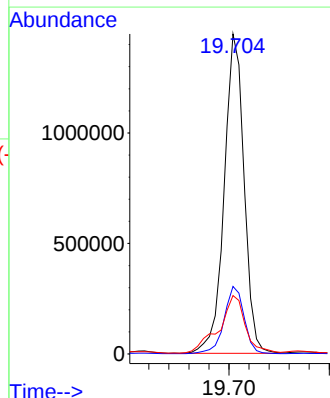
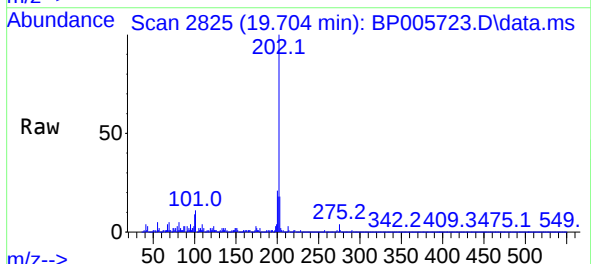
Manual Integrations
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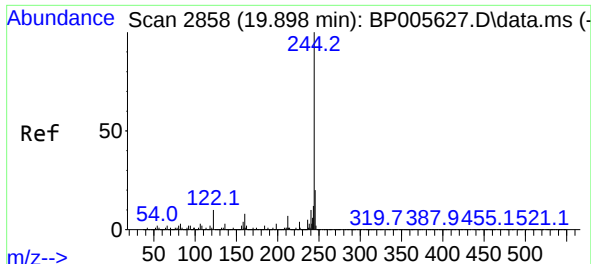
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#78
Pyrene
Concen: 34.851 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:202 Resp: 1987508
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 18.3 13.8 20.6





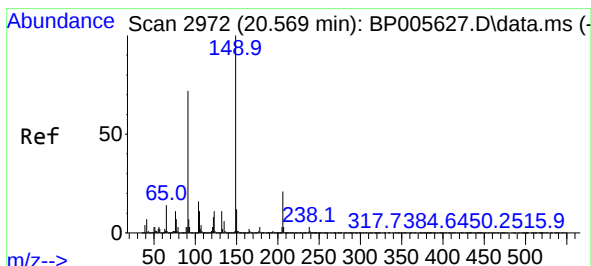
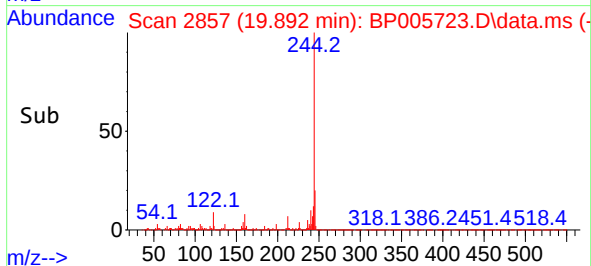
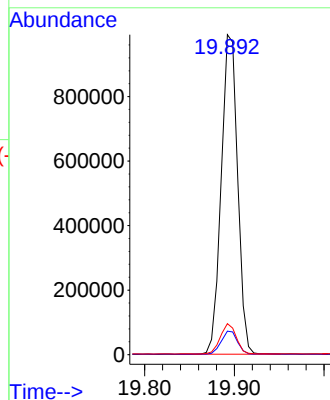
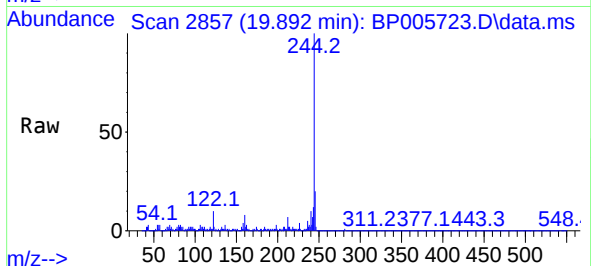
#79
Terphenyl-d14
Concen: 29.192 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:244 Resp: 1257345
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.7 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

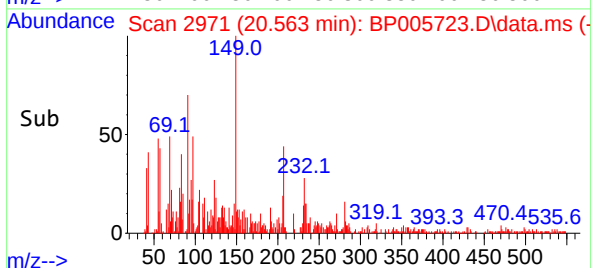
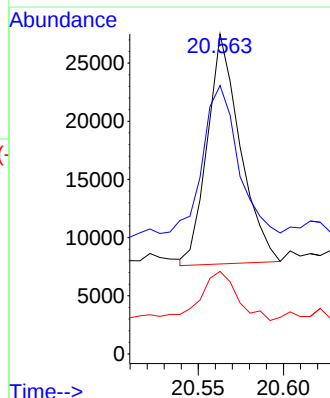
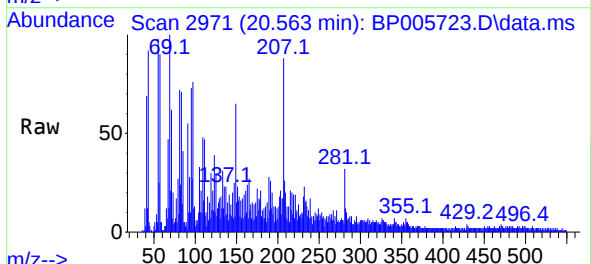
Manual Integrations
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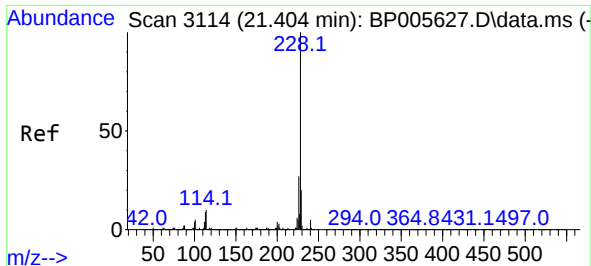
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#80
Butylbenzylphthalate
Concen: 5.179 ng
RT: 20.563 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:149 Resp: 26469
Ion Ratio Lower Upper
149 100
91 83.9 60.2 90.4
206 25.8 23.9 35.9





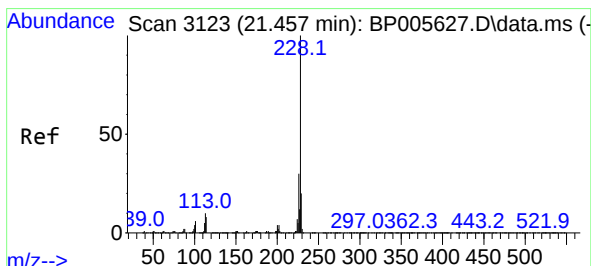
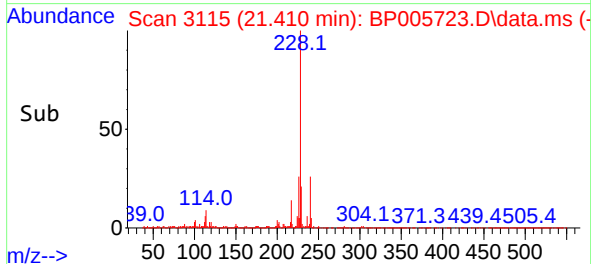
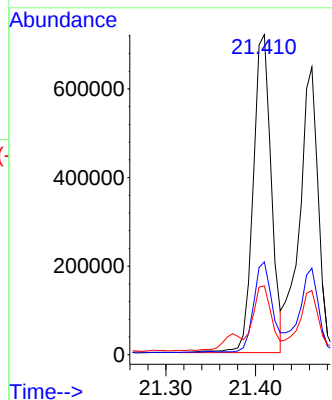
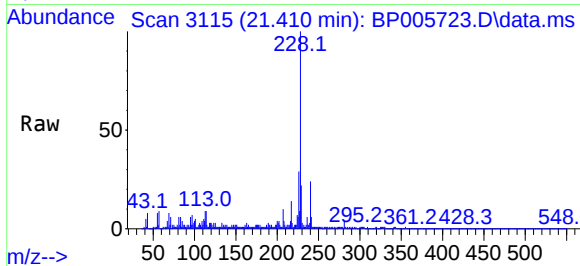
#81
Benzo(a)anthracene
Concen: 16.901 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

Tgt Ion:228 Resp: 1002449
Ion Ratio Lower Upper
228 100
226 29.0 21.2 31.8
229 21.5 15.6 23.4

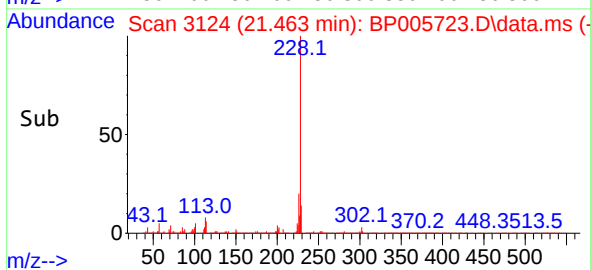
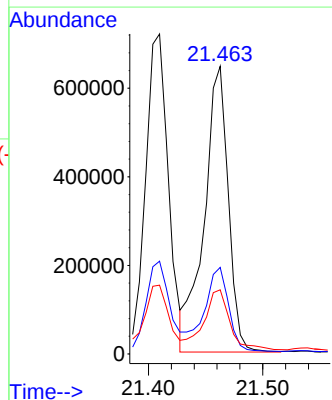
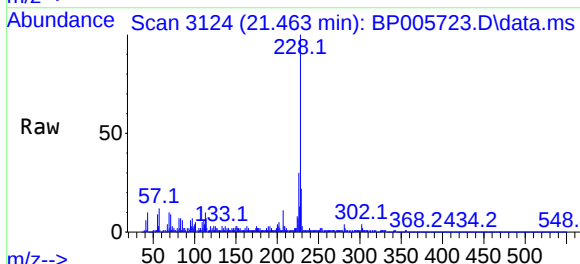
Manual Integrations
APPROVED

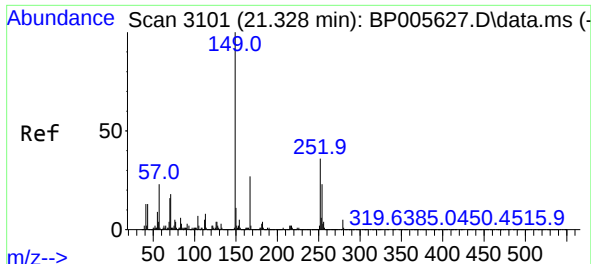
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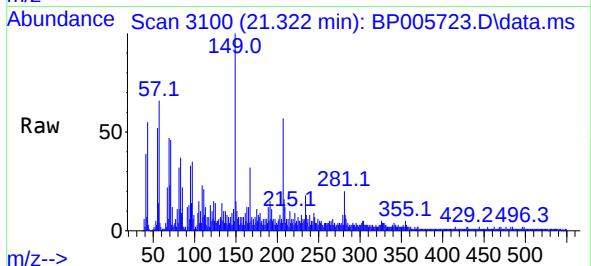
#83
Chrysene
Concen: 16.431 ng m
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:228 Resp: 943735
Ion Ratio Lower Upper
228 100
226 30.1 24.8 37.2
229 22.3 15.4 23.0

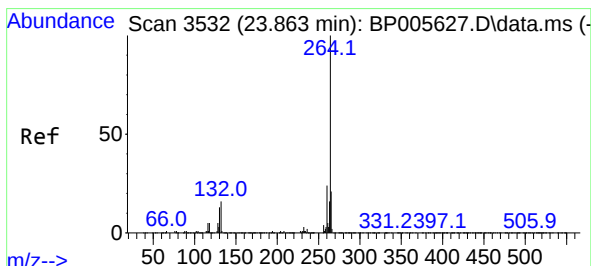
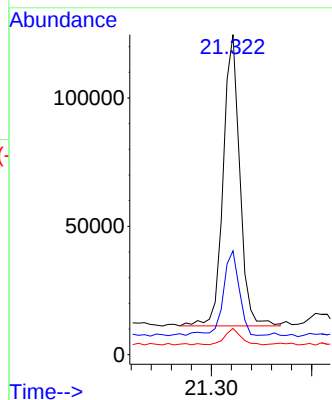
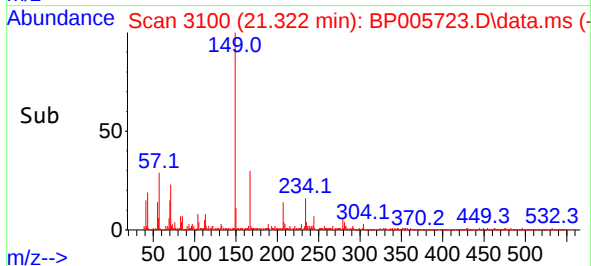




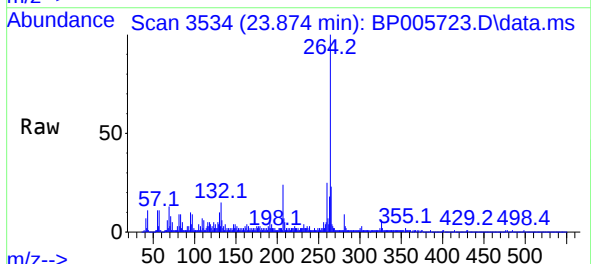
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.028 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42



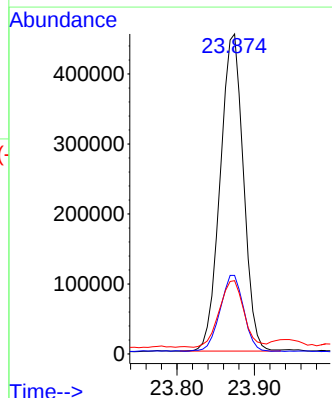
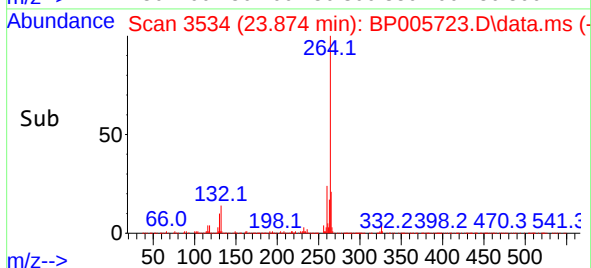
Tgt Ion:149 Resp: 129764
Ion Ratio Lower Upper
149 100
167 32.5 23.8 35.8
279 8.2 5.7 8.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.874 min Scan# 3534
Delta R.T. 0.012 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42



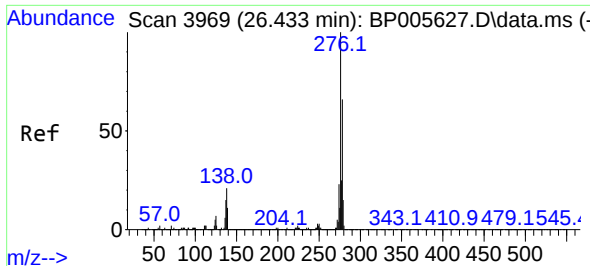
Tgt Ion:264 Resp: 945023
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 22.9 19.0 28.6



Instrument :
BNA_P
ClientSampled :
18-B10(4-6)

Manual Integrations
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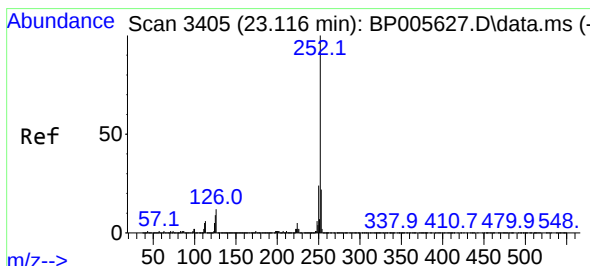
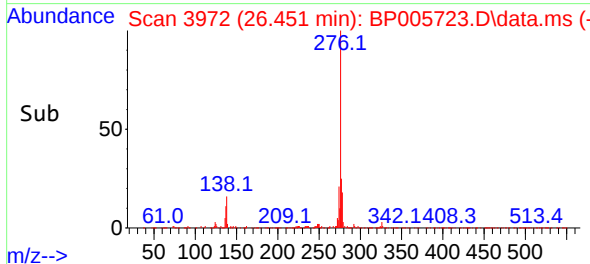
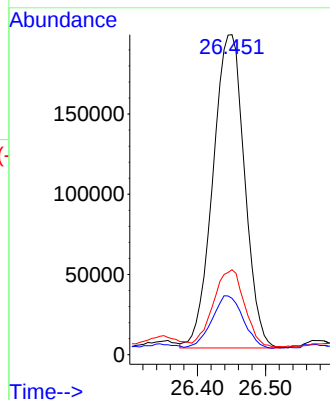
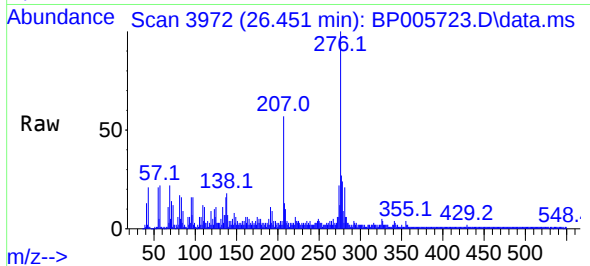
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.846 ng
RT: 26.451 min Scan# 3972
Delta R.T. 0.018 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion: 276 Resp: 630814
Ion Ratio Lower Upper
276 100
138 16.6 8.4 12.6#
277 24.0 20.6 31.0

Instrument :
BNA_P
ClientSampled :
18-B10(4-6)

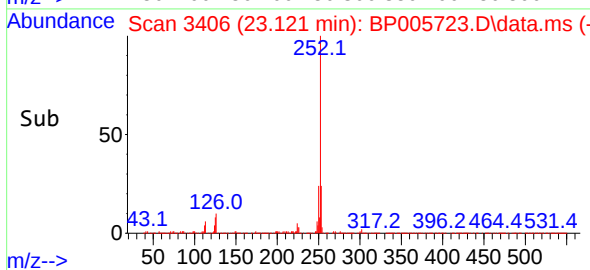
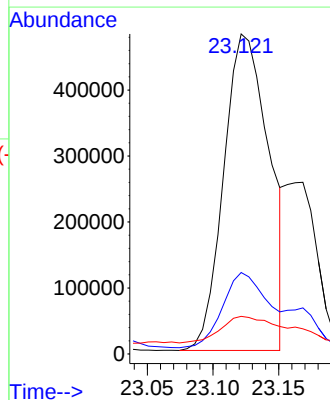
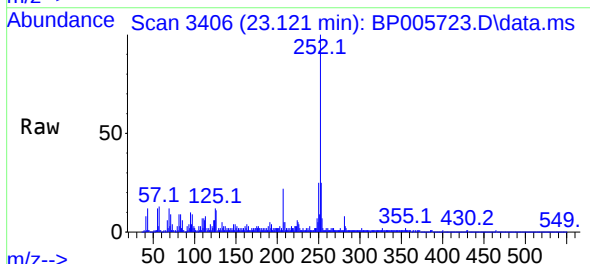
Manual Integrations
APPROVED

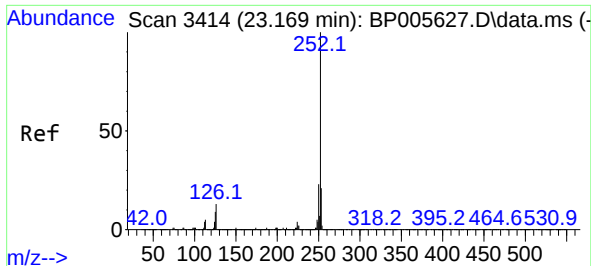
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#88
Benzo(b)fluoranthene
Concen: 16.823 ng m
RT: 23.121 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion: 252 Resp: 1153480
Ion Ratio Lower Upper
252 100
253 25.5 18.2 27.2
125 11.8 3.4 5.0#





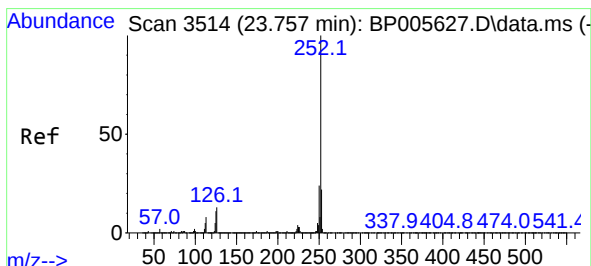
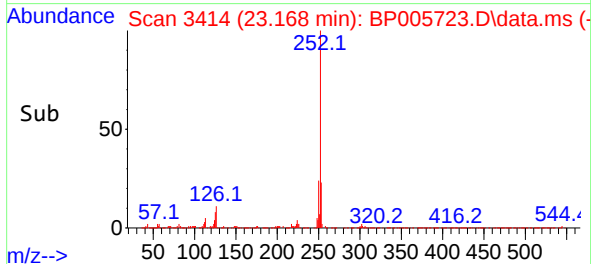
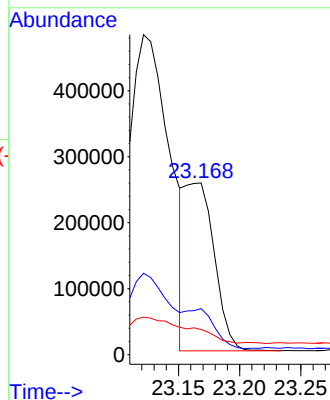
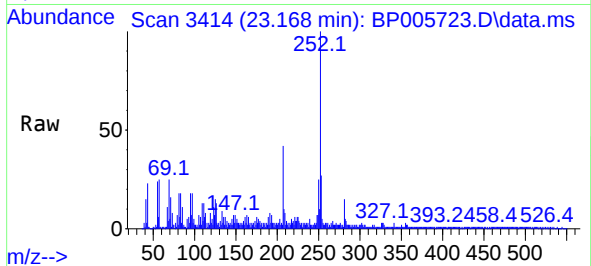
#89
Benzo(k)fluoranthene
Concen: 6.541 ng m
RT: 23.168 min Scan# 3414
Delta R.T. -0.000 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:252 Resp: 424956
Ion Ratio Lower Upper
252 100
253 26.9 17.2 25.8#
125 14.6 3.8 5.6#

Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

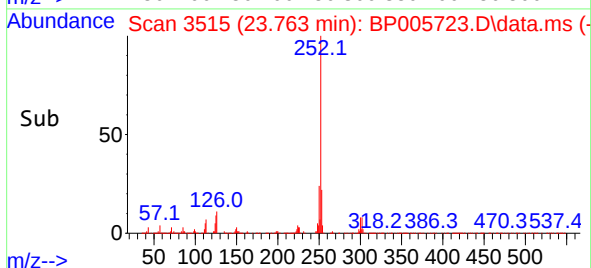
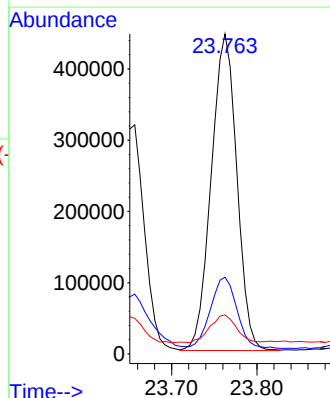
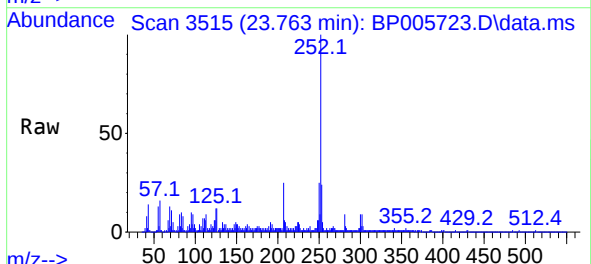
Manual Integrations
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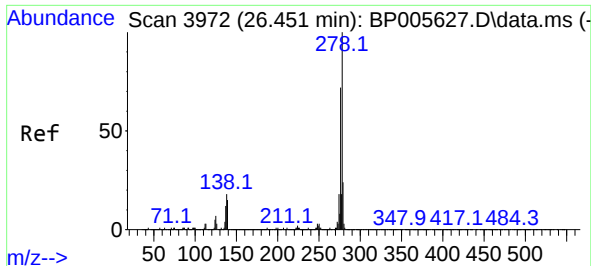
mohammad
6/7/2021 12:25:39 PM



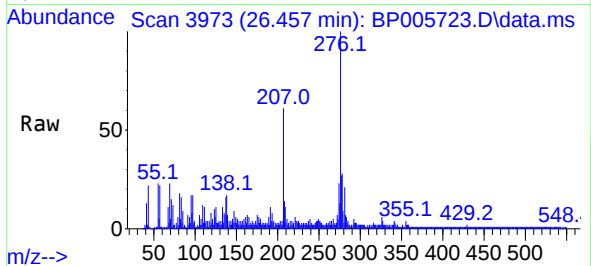
#90
Benzo(a)pyrene
Concen: 14.848 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42

Tgt Ion:252 Resp: 926211
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 12.2 3.8 5.6#

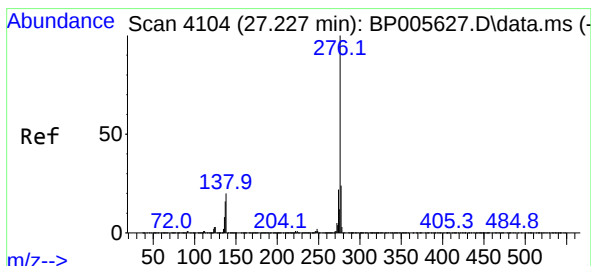
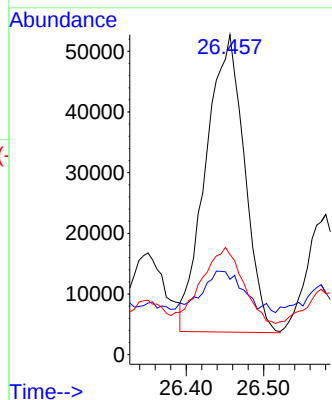
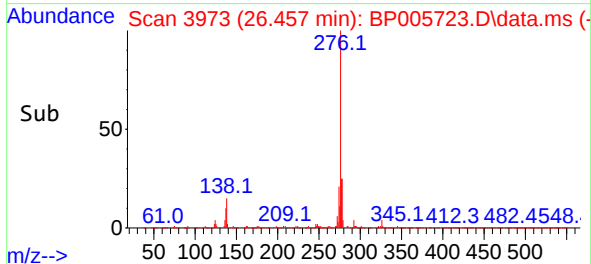




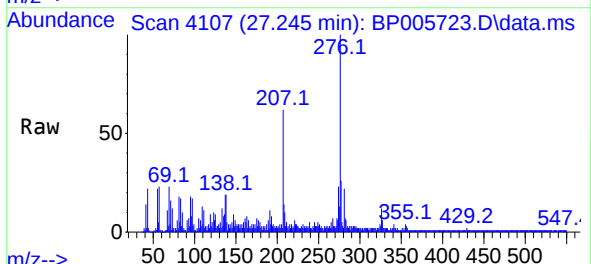
#91
Dibenzo(a,h)anthracene
Concen: 2.426 ng
RT: 26.457 min Scan# 3973
Delta R.T. 0.006 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42



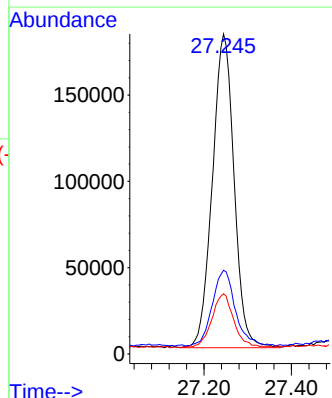
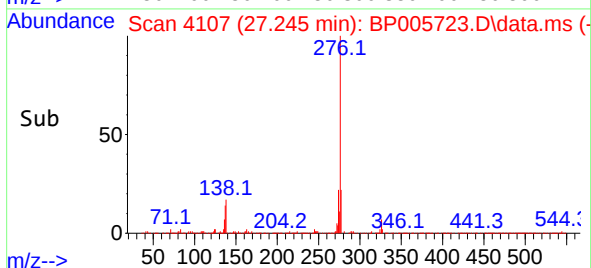
Tgt Ion: 278 Resp: 169271
Ion Ratio Lower Upper
278 100
139 23.5 5.0 7.6#
279 31.3 18.6 28.0#



#92
Benzo(g,h,i)perylene
Concen: 9.281 ng
RT: 27.245 min Scan# 4107
Delta R.T. 0.017 min
Lab File: BP005723.D
Acq: 04 Jun 2021 21:42



Tgt Ion: 276 Resp: 624599
Ion Ratio Lower Upper
276 100
277 26.1 19.8 29.8
138 18.8 7.7 11.5#



Instrument :
BNA_P
ClientSampleId :
18-B10(4-6)

Manual Integrations
APPROVED

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