

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005734.D
 Acq On : 05 Jun 2021 03:55
 Operator : CG/JU
 Sample : M2589-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B7(0-2)

Manual Integrations
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Quant Time: Jun 05 04:36:17 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	160574	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	628254	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	388825	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	811298	20.000	ng	# 0.00
76) Chrysene-d12	21.422	240	820941	20.000	ng	# 0.00
86) Perylene-d12	23.874	264	957452	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	195378	18.917	ng	0.00
7) Phenol-d6	7.152	99	242484	17.222	ng	0.00
23) Nitrobenzene-d5	9.152	82	146475	12.966	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	120684	24.205	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	374678	12.753	ng	0.00
79) Terphenyl-d14	19.892	244	549914	12.570	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.398	178	750539	14.849	ng	100
72) Anthracene	17.486	178	213845	4.285	ng	100
75) Fluoranthene	19.357	202	1449256	23.886	ng	97
78) Pyrene	19.704	202	1282816	22.145	ng	99
80) Butylbenzylphthalate	20.563	149	20007	4.911	ng	93
81) Benzo(a)anthracene	21.410	228	768444	12.755	ng	97
83) Chrysene	21.463	228	719529m	12.333	ng	
84) Bis(2-ethylhexyl)phtha...	21.322	149	184814	5.648	ng	99
87) Indeno(1,2,3-cd)pyrene	26.451	276	645858	7.929	ng	# 93
88) Benzo(b)fluoranthene	23.121	252	1126305	16.213	ng	# 93
89) Benzo(k)fluoranthene	23.163	252	319970m	4.861	ng	
90) Benzo(a)pyrene	23.763	252	821553	13.000	ng	# 93
91) Dibenzo(a,h)anthracene	26.462	278	169808	2.402	ng	# 82
92) Benzo(g,h,i)perylene	27.251	276	634390	9.304	ng	# 94

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

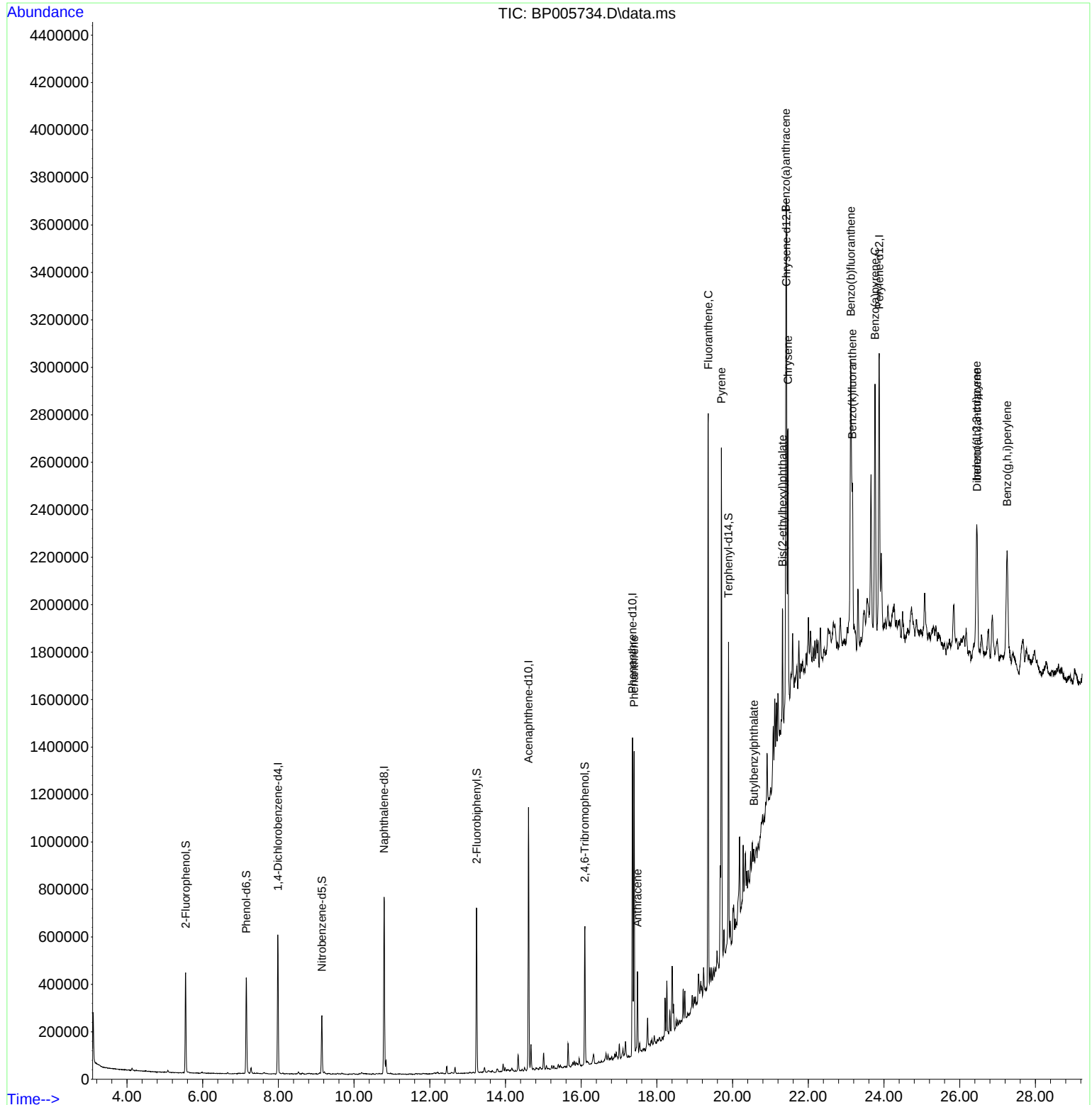
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
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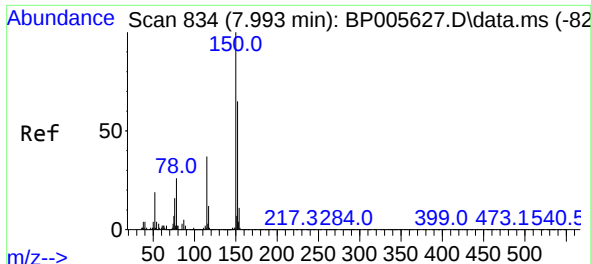
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QLast Update : Thu May 27 16:11:11 2021
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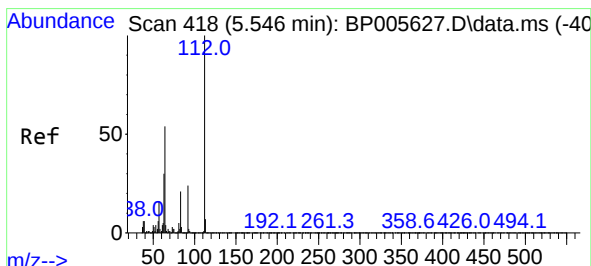
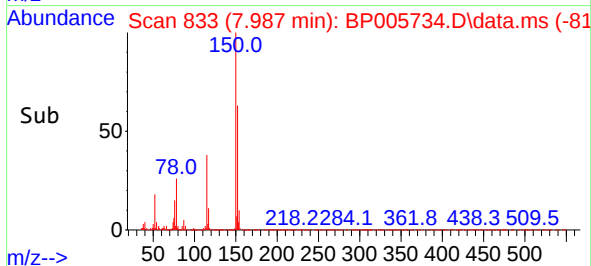
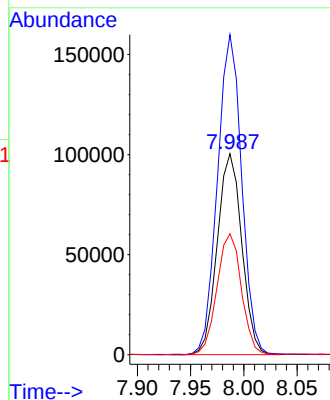
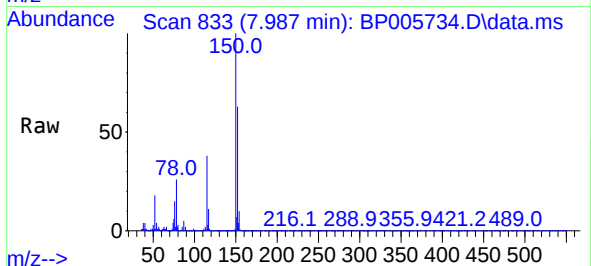
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:152 Resp: 160574
Ion Ratio Lower Upper
152 100
150 159.2 119.8 179.8
115 60.2 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

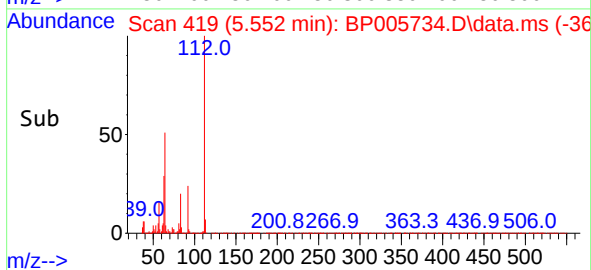
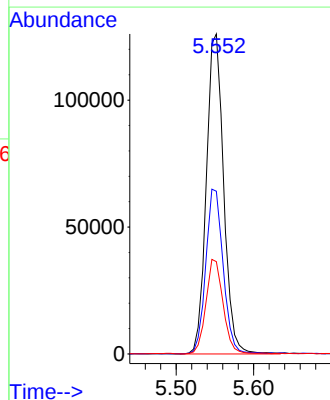
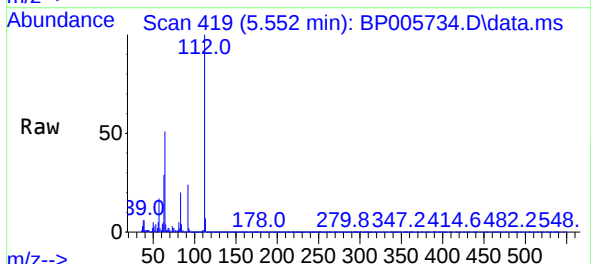
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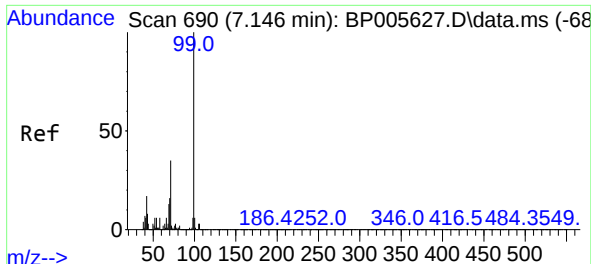
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#5
2-Fluorophenol
Concen: 18.917 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

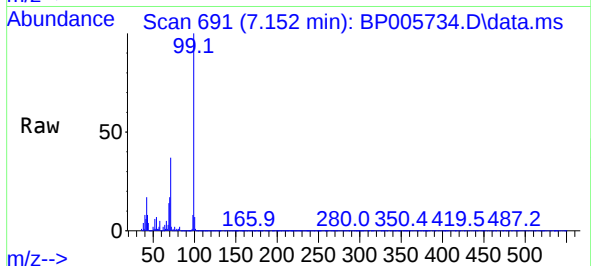
Tgt Ion:112 Resp: 195378
Ion Ratio Lower Upper
112 100
64 50.9 33.6 50.4#
63 28.8 18.6 27.8#





#7
Phenol-d6
Concen: 17.222 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

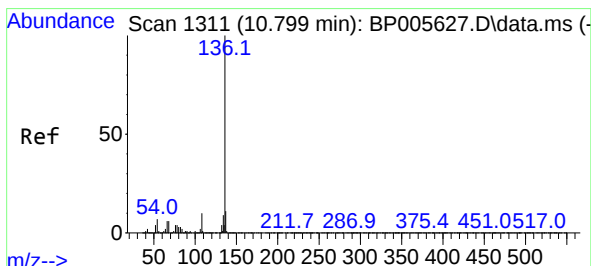
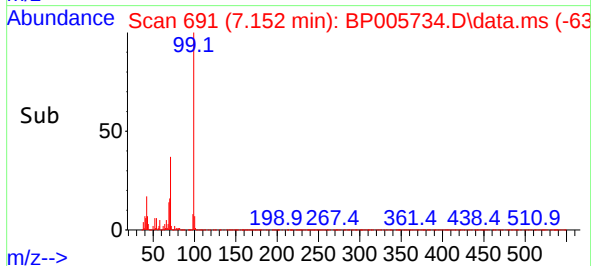
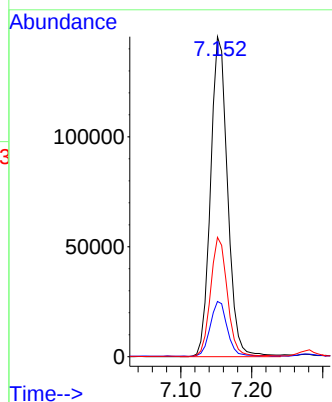
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 242484
Ion Ratio Lower Upper
99 100
42 17.3 12.9 19.3
71 37.3 26.7 40.1

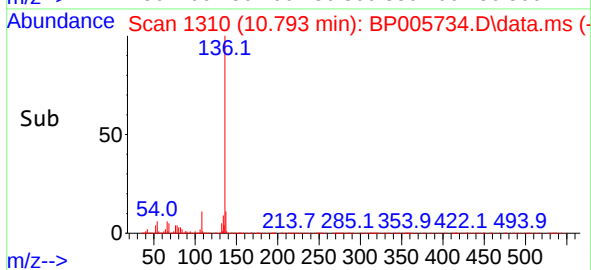
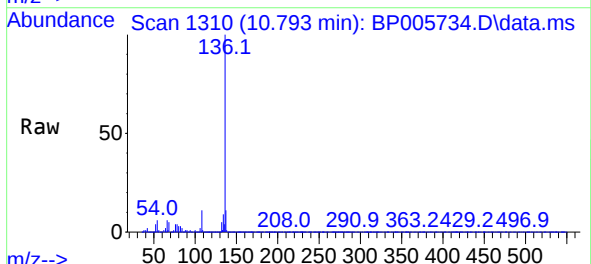
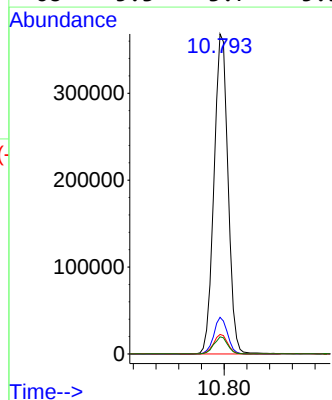
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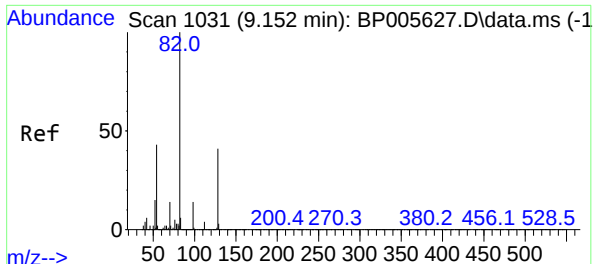
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion: 136 Resp: 628254
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 6.1 5.0 7.4
68 5.3 3.7 5.5





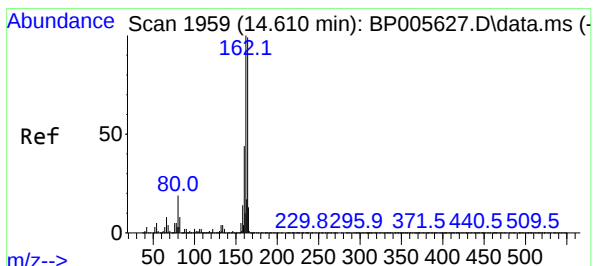
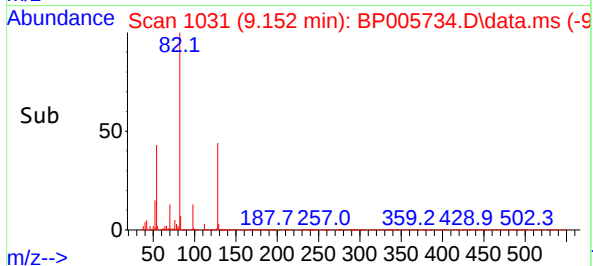
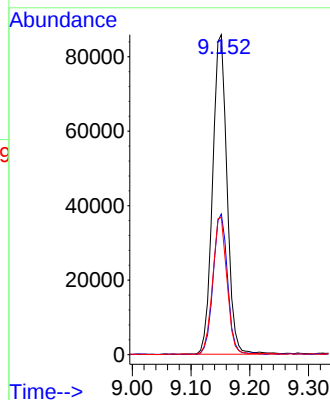
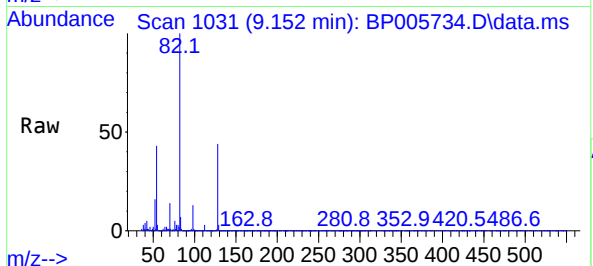
#23
Nitrobenzene-d5
Concen: 12.966 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion: 82 Resp: 146475
Ion Ratio Lower Upper
82 100
128 43.9 30.5 45.7
54 42.9 33.9 50.9

Instrument :
BNA_P
ClientSampleId :
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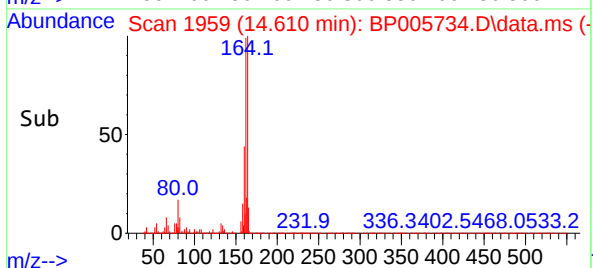
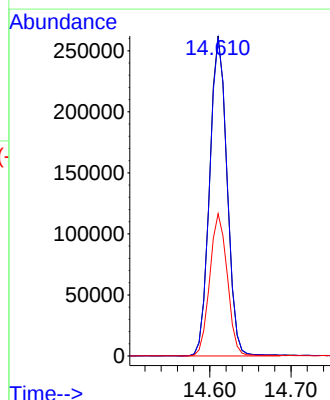
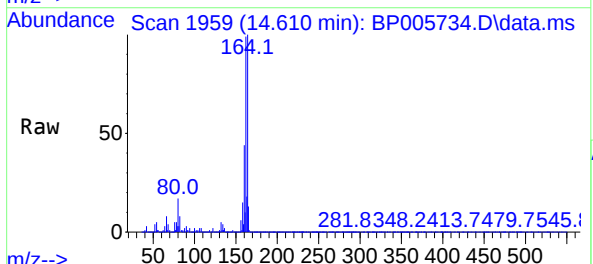
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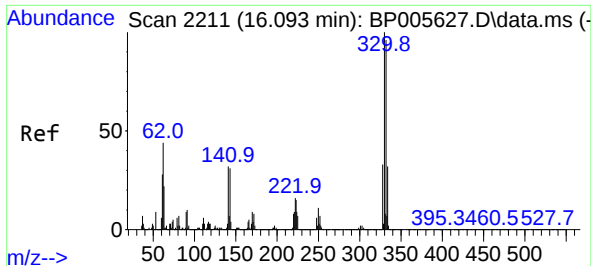
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

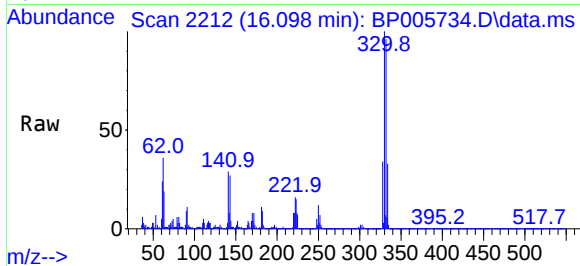
Tgt Ion: 164 Resp: 388825
Ion Ratio Lower Upper
164 100
162 99.2 73.5 110.3
160 44.4 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 24.205 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

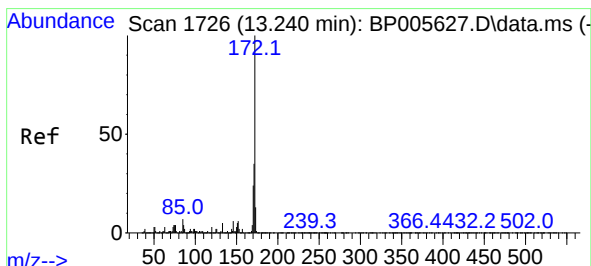
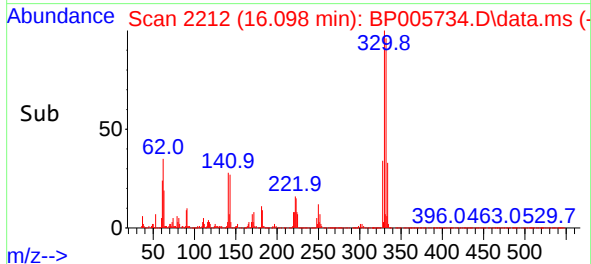
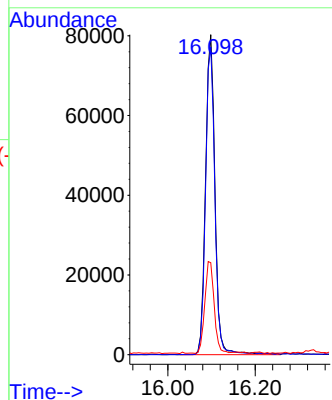
Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)



Tgt Ion:330 Resp: 120684
Ion Ratio Lower Upper
330 100
332 94.3 76.3 114.5
141 28.2 22.8 34.2

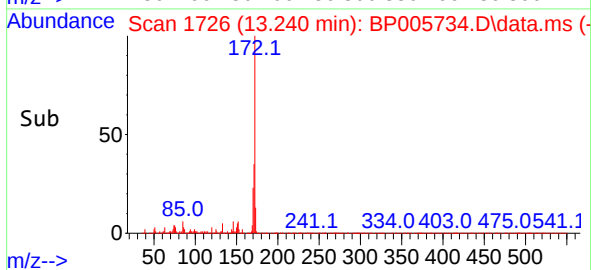
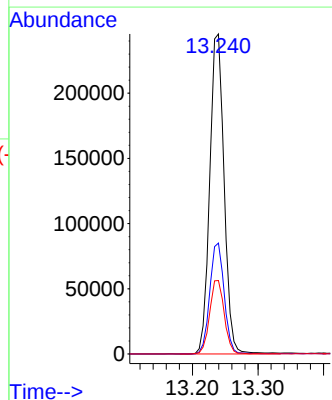
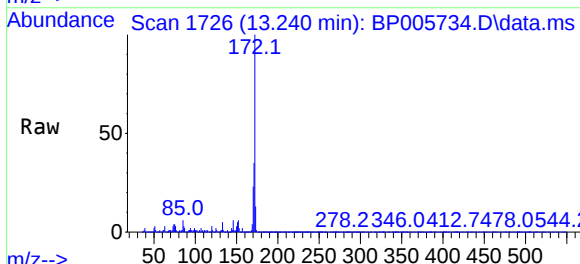
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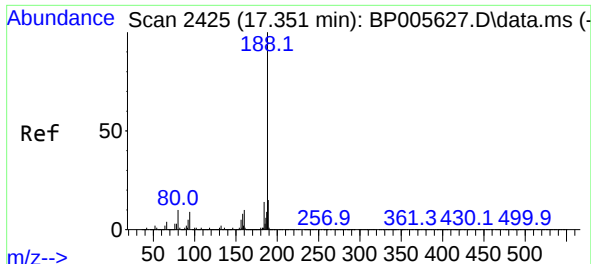
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#45
2-Fluorobiphenyl
Concen: 12.753 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

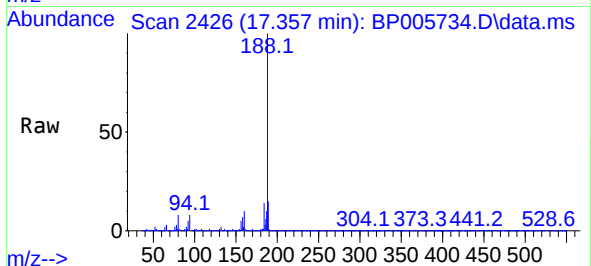
Tgt Ion:172 Resp: 374678
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.0 19.6 29.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

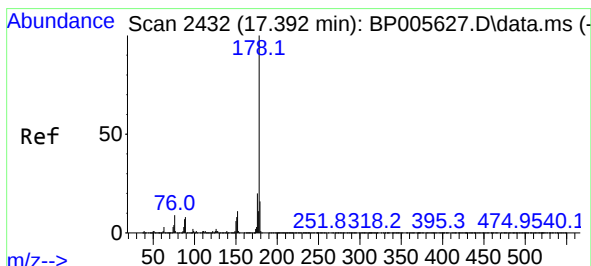
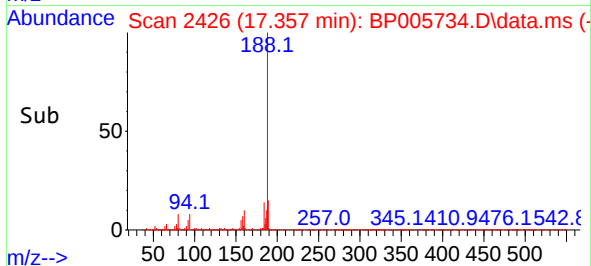
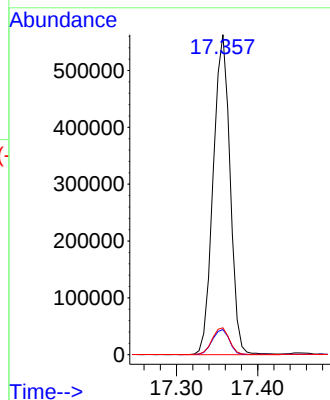
Instrument :
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Tgt Ion:188 Resp: 811298
Ion Ratio Lower Upper
188 100
94 7.9 5.0 7.6#
80 8.4 5.9 8.9

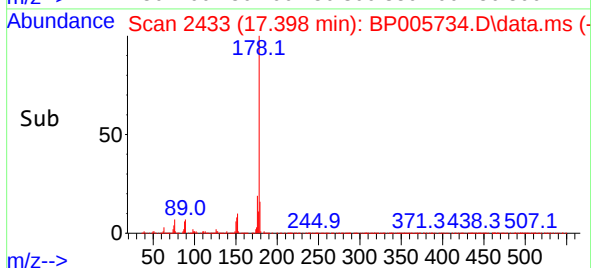
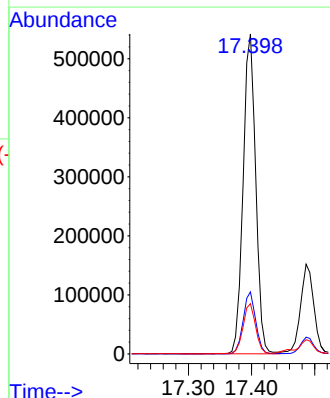
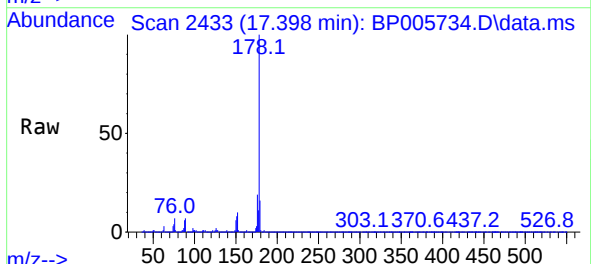
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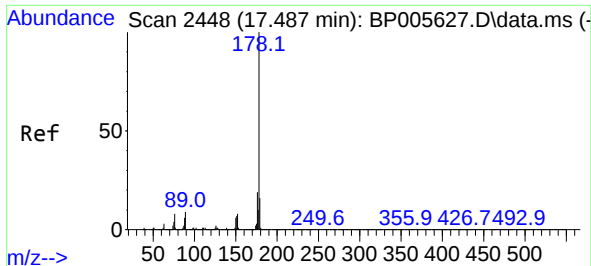
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#71
Phenanthrene
Concen: 14.849 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

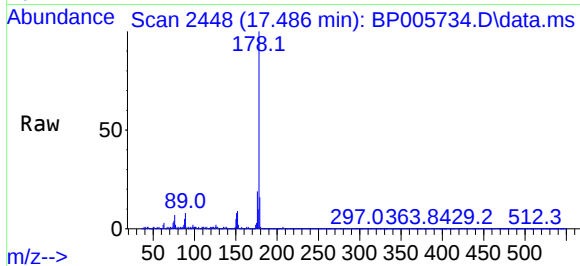
Tgt Ion:178 Resp: 750539
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.3 18.5





#72
 Anthracene
 Concen: 4.285 ng
 RT: 17.486 min Scan# 2448
 Delta R.T. -0.000 min
 Lab File: BP005734.D
 Acq: 05 Jun 2021 03:55

Instrument :
 BNA_P
 ClientSampleId :
 18-B7(0-2)

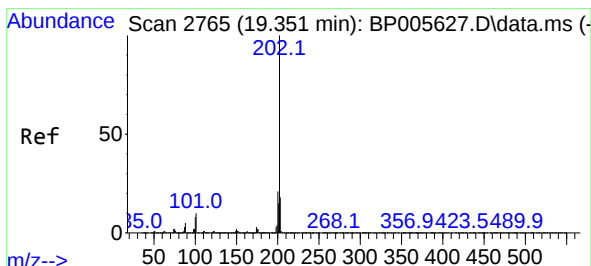
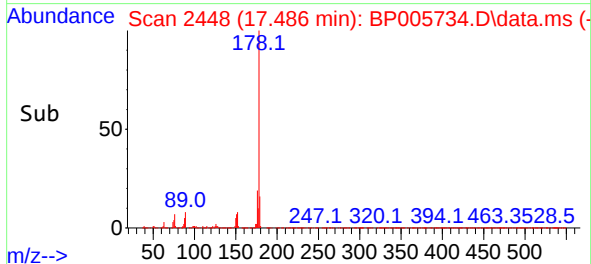
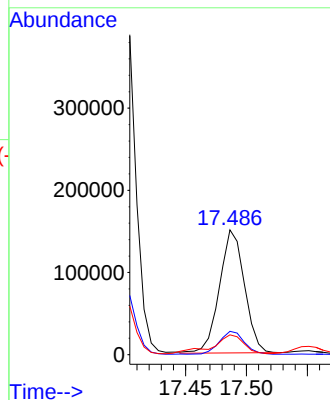


Tgt Ion:178 Resp: 213845

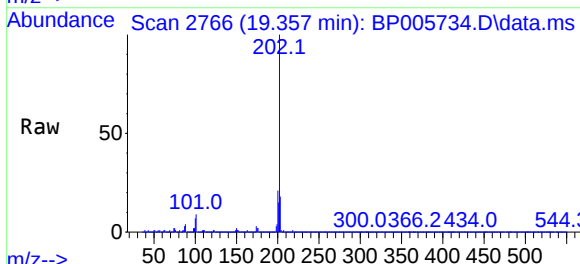
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.9	12.6	19.0

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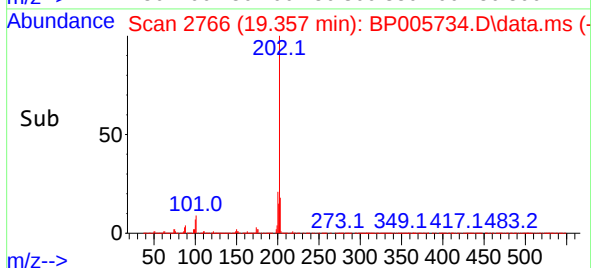
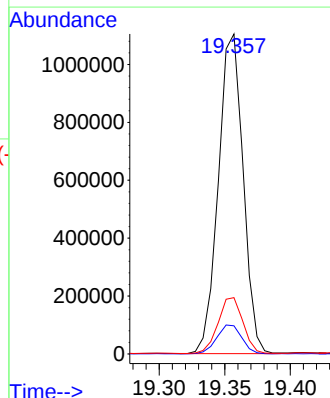


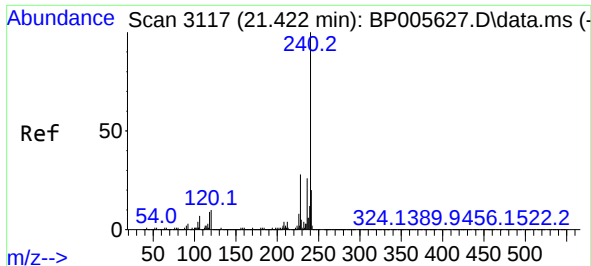
#75
 Fluoranthene
 Concen: 23.886 ng
 RT: 19.357 min Scan# 2766
 Delta R.T. 0.006 min
 Lab File: BP005734.D
 Acq: 05 Jun 2021 03:55



Tgt Ion:202 Resp: 1449256

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	26.1
203	17.6	0.0	37.2





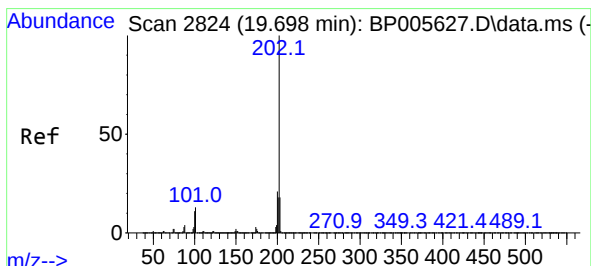
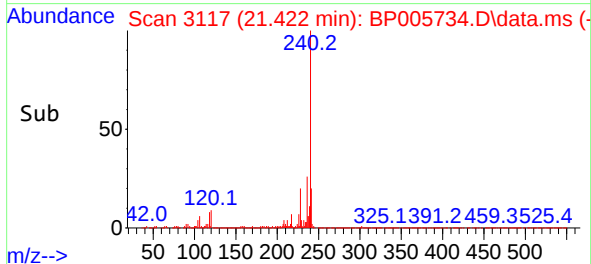
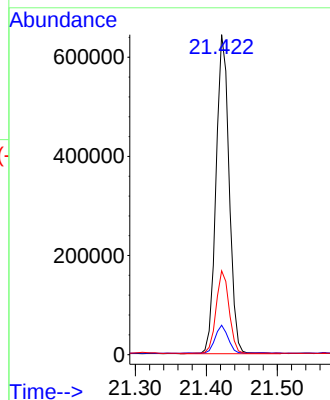
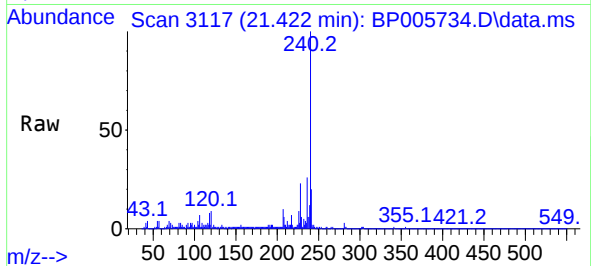
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:240 Resp: 820941
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.2 20.2 30.2

Instrument :
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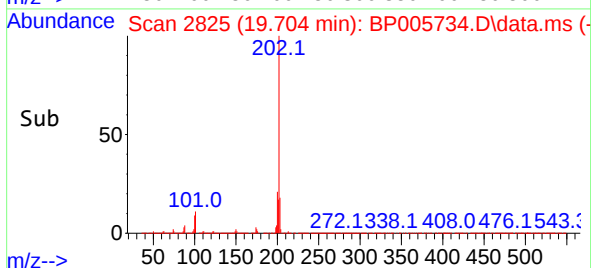
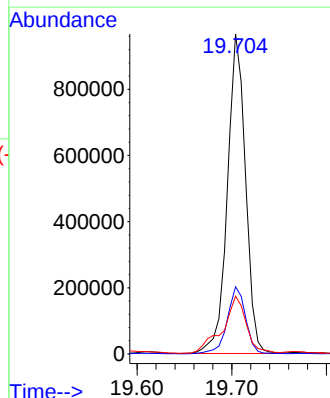
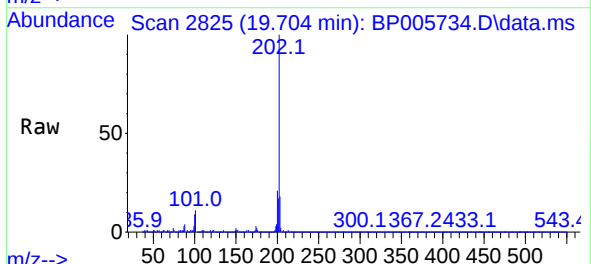
Manual Integrations
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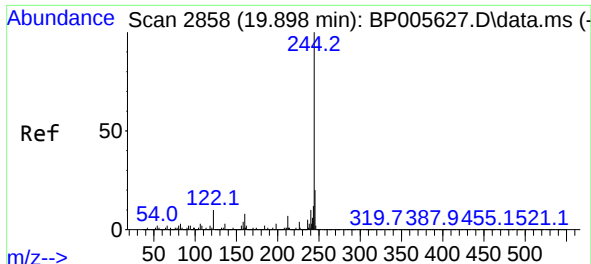
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#78
Pyrene
Concen: 22.145 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:202 Resp: 1282816
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 18.0 13.8 20.6





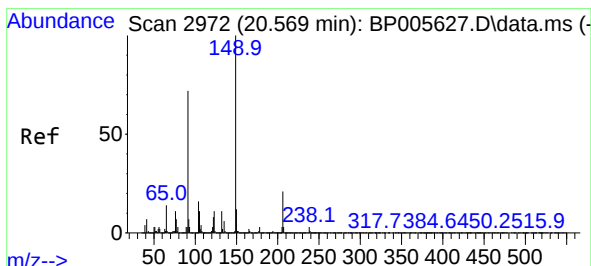
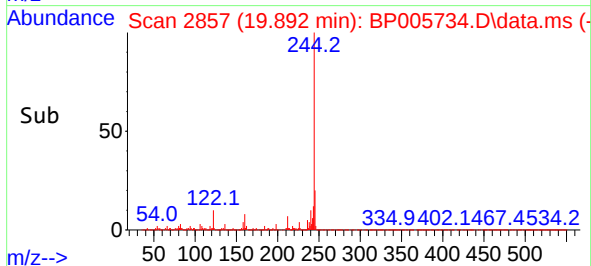
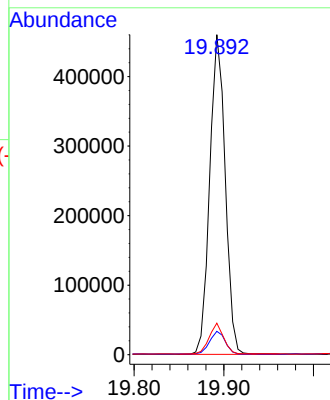
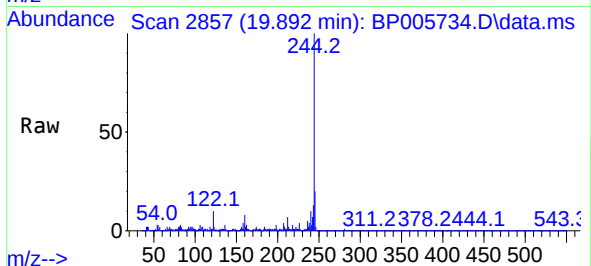
#79
Terphenyl-d14
Concen: 12.570 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:244 Resp: 549914
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.8 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

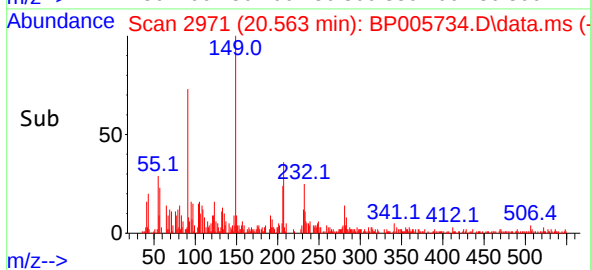
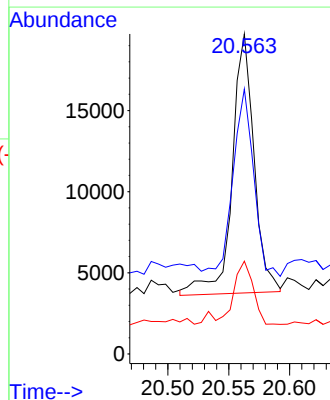
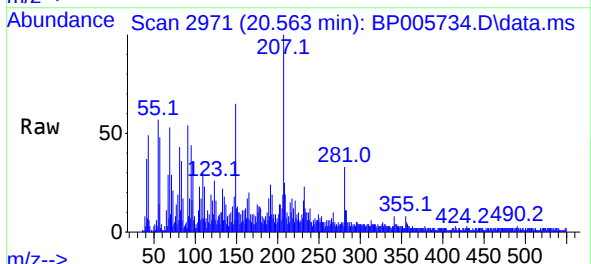
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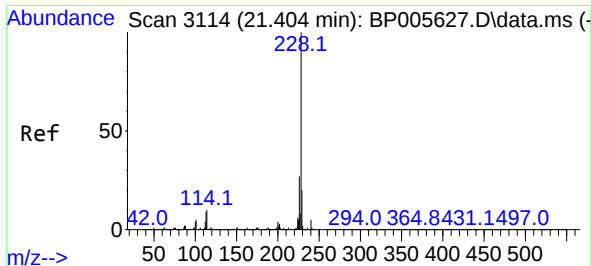
mohammad
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#80
Butylbenzylphthalate
Concen: 4.911 ng
RT: 20.563 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

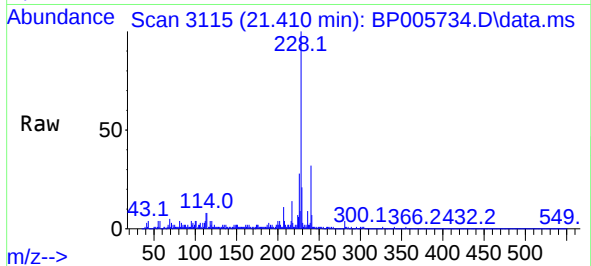
Tgt Ion:149 Resp: 20007
Ion Ratio Lower Upper
149 100
91 82.8 60.2 90.4
206 29.0 23.9 35.9





#81
Benzo(a)anthracene
Concen: 12.755 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

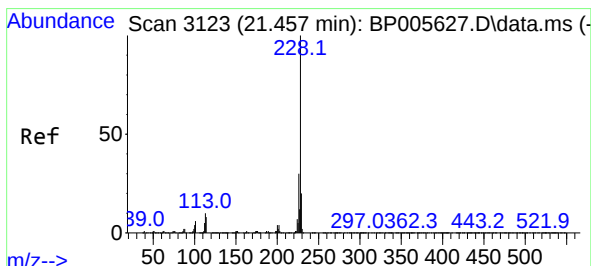
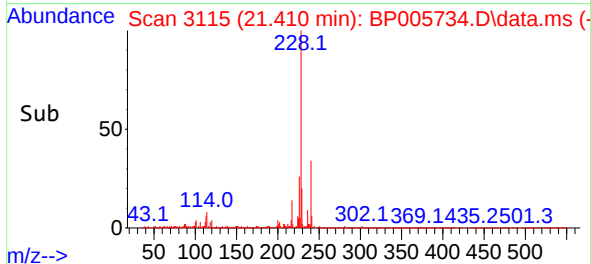
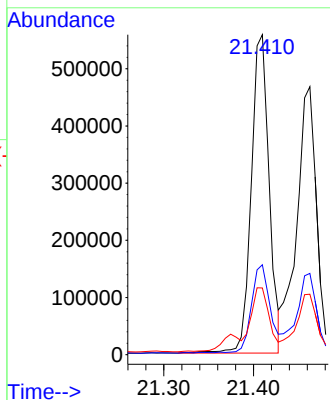
Instrument :
BNA_P
ClientSampled :
18-B7(0-2)



Tgt Ion:228 Resp: 768444
Ion Ratio Lower Upper
228 100
226 28.1 21.2 31.8
229 20.9 15.6 23.4

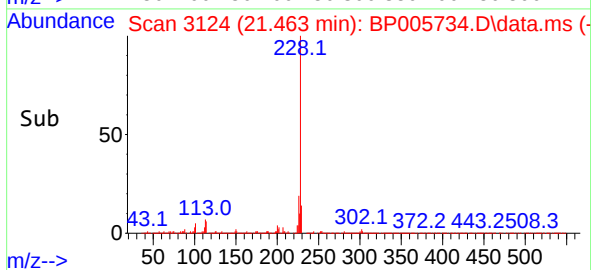
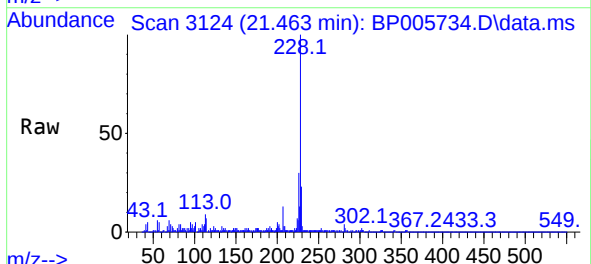
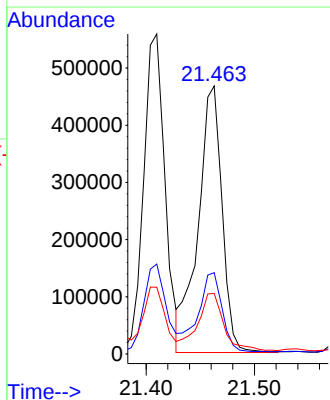
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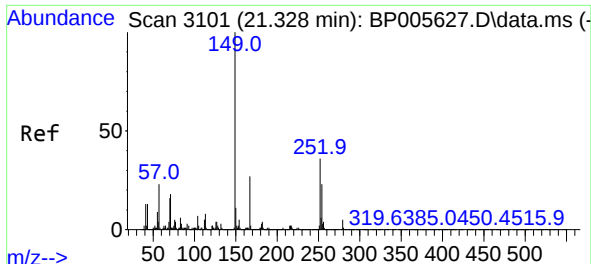
mohammad
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#83
Chrysene
Concen: 12.333 ng m
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:228 Resp: 719529
Ion Ratio Lower Upper
228 100
226 30.3 24.8 37.2
229 22.6 15.4 23.0





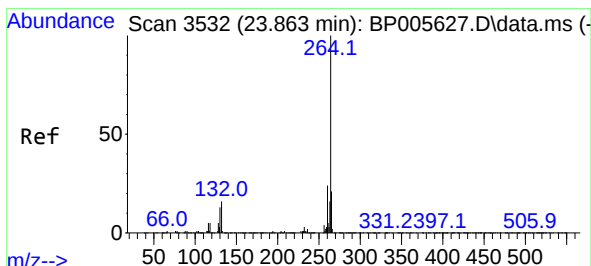
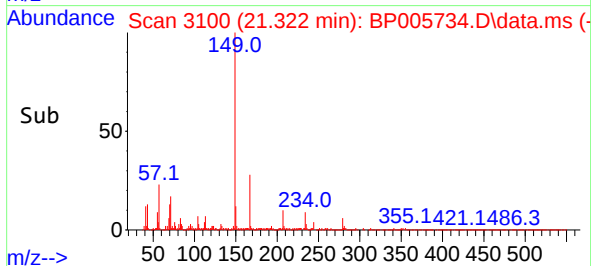
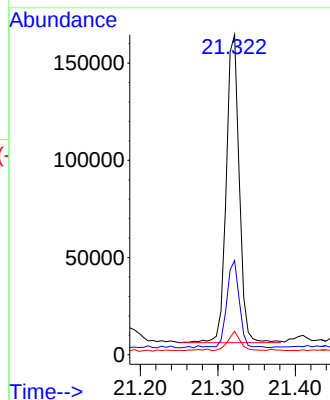
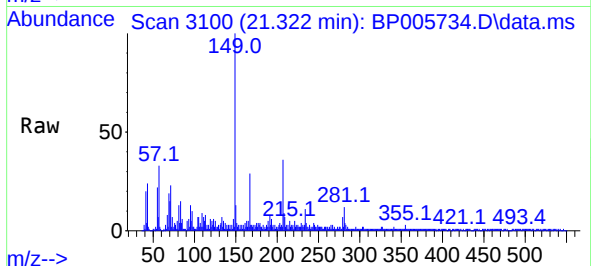
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.648 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:149 Resp: 184814
Ion Ratio Lower Upper
149 100
167 29.4 23.8 35.8
279 7.3 5.7 8.5

Instrument :
BNA_P
ClientSampled :
18-B7(0-2)

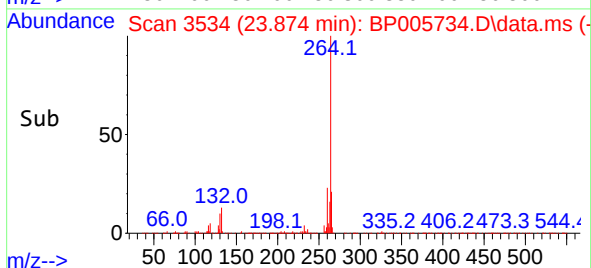
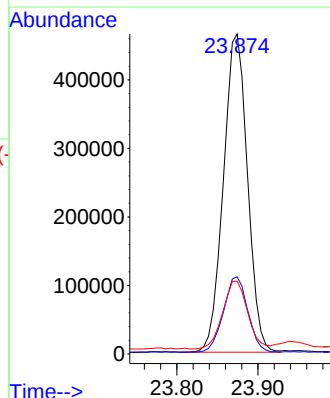
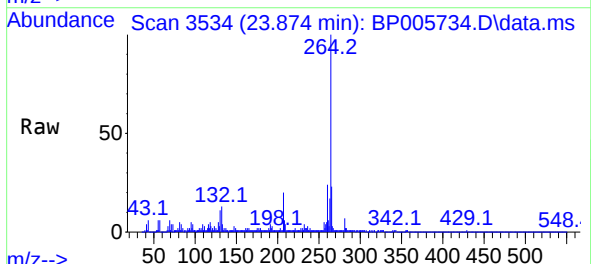
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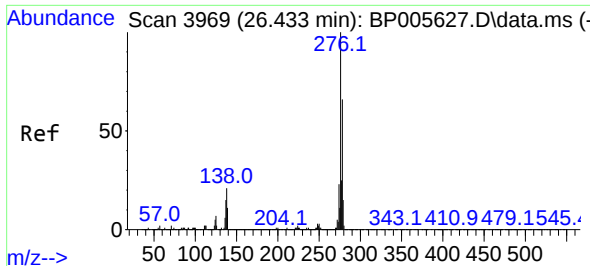
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.874 min Scan# 3534
Delta R.T. 0.012 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:264 Resp: 957452
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 22.7 19.0 28.6





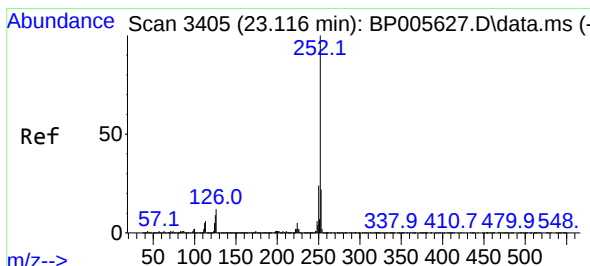
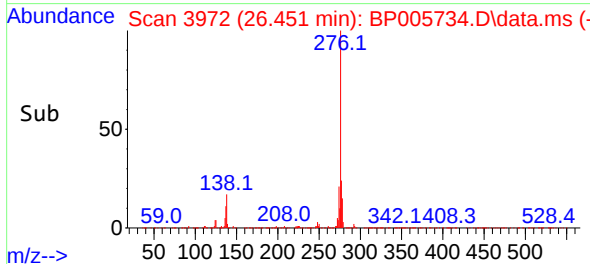
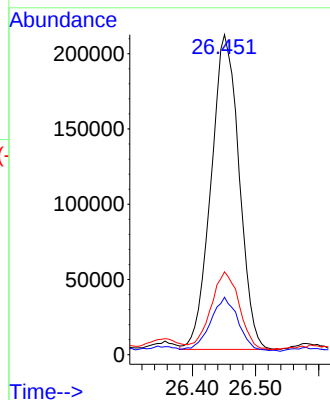
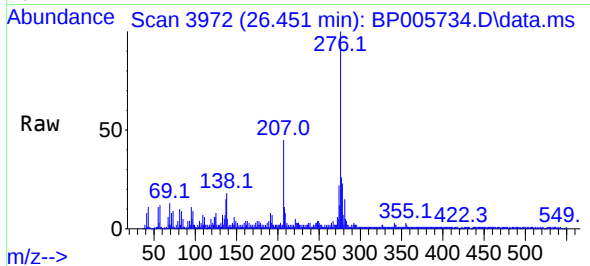
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.929 ng
RT: 26.451 min Scan# 3972
Delta R.T. 0.018 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion: 276 Resp: 645858
Ion Ratio Lower Upper
276 100
138 17.4 8.4 12.6#
277 24.9 20.6 31.0

Instrument :
BNA_P
ClientSampled :
18-B7(0-2)

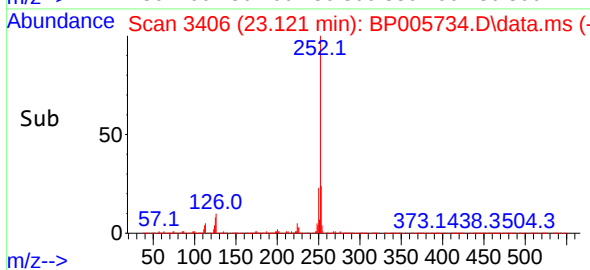
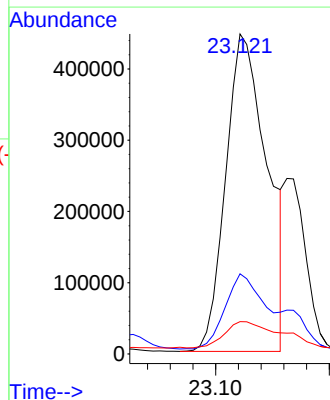
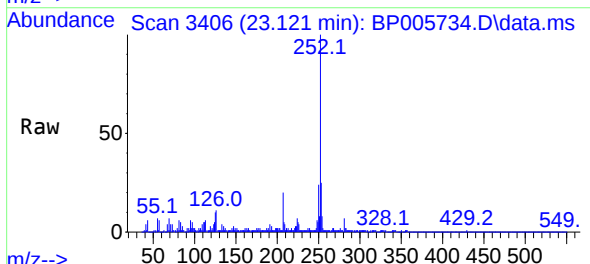
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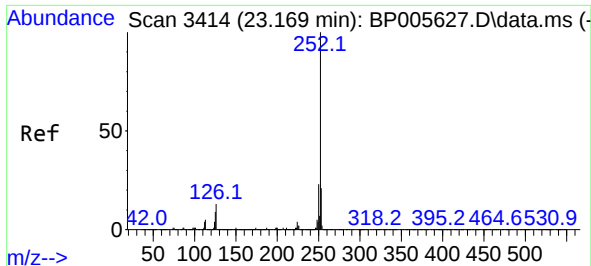
mohammad
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#88
Benzo(b)fluoranthene
Concen: 16.213 ng
RT: 23.121 min Scan# 3406
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion: 252 Resp: 1126305
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.2
125 10.1 3.4 5.0#





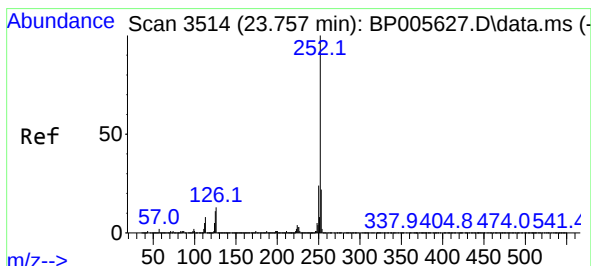
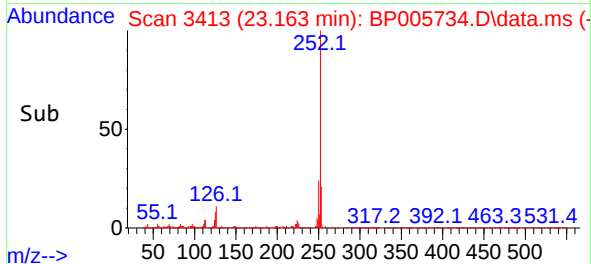
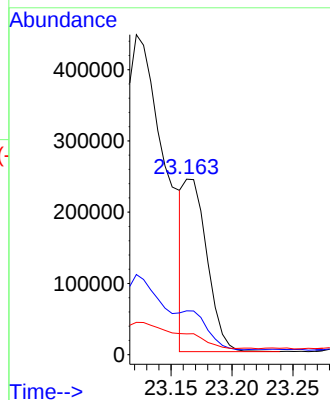
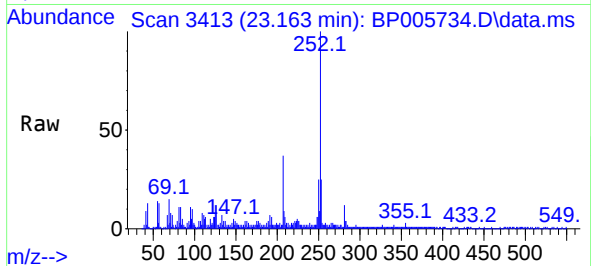
#89
Benzo(k)fluoranthene
Concen: 4.861 ng m
RT: 23.163 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:252 Resp: 319970
Ion Ratio Lower Upper
252 100
253 25.0 17.2 25.8
125 11.9 3.8 5.6#

Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)

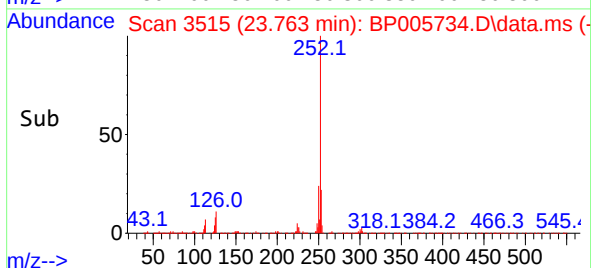
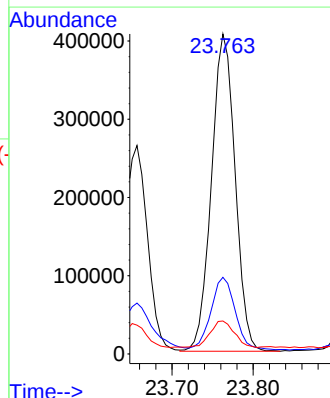
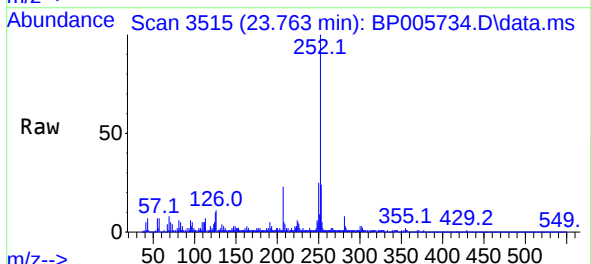
Manual Integrations
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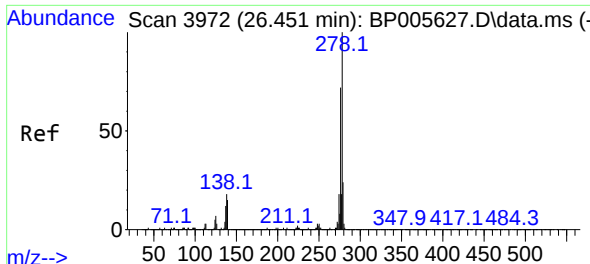
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#90
Benzo(a)pyrene
Concen: 13.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

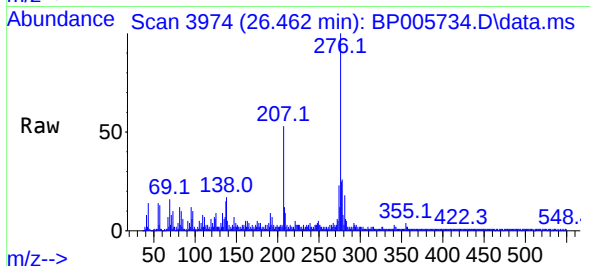
Tgt Ion:252 Resp: 821553
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 10.3 3.8 5.6#





#91
Dibenzo(a,h)anthracene
Concen: 2.402 ng
RT: 26.462 min Scan# 3974
Delta R.T. 0.012 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

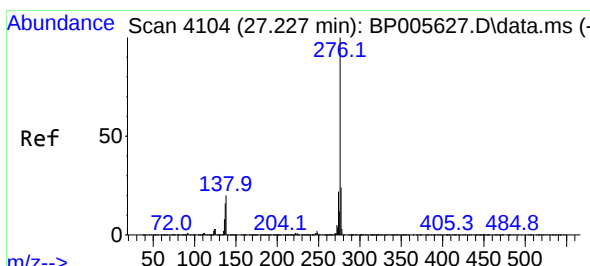
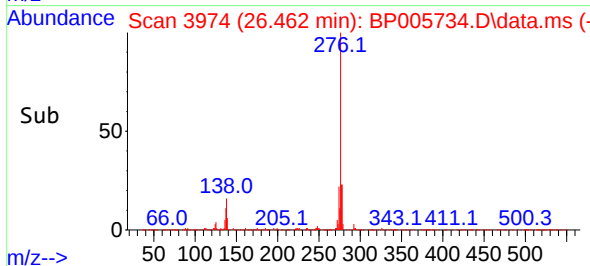
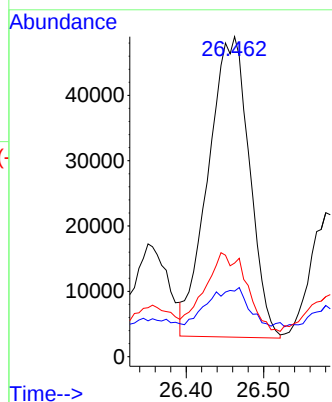
Instrument :
BNA_P
ClientSampled :
18-B7(0-2)



Tgt Ion:278 Resp: 169808
Ion Ratio Lower Upper
278 100
139 20.5 5.0 7.6#
279 29.2 18.6 28.0#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 9.304 ng
RT: 27.251 min Scan# 4108
Delta R.T. 0.023 min
Lab File: BP005734.D
Acq: 05 Jun 2021 03:55

Tgt Ion:276 Resp: 634390
Ion Ratio Lower Upper
276 100
277 24.4 19.8 29.8
138 17.0 7.7 11.5#

