

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005718.D
 Acq On : 04 Jun 2021 18:51
 Operator : CG/JU
 Sample : M2589-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B9(4-6)

Manual Integrations
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Quant Time: Jun 05 02:31:32 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	7.981	152	147330	20.000	ng	-0.01
21) Naphthalene-d8	10.787	136	585803	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	365758	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	776394	20.000	ng	# 0.00
76) Chrysene-d12	21.416	240	777428	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	894282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	38634	4.077	ng	0.00
7) Phenol-d6	7.140	99	254418	19.694	ng	0.00
23) Nitrobenzene-d5	9.140	82	459148	43.590	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	3796	0.809	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1088714	39.393	ng	0.00
79) Terphenyl-d14	19.892	244	1690757	40.809	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.663	154	50799	2.077	ng	94
71) Phenanthrene	17.392	178	883372	18.263	ng	100
72) Anthracene	17.481	178	269103	5.635	ng	99
75) Fluoranthene	19.345	202	2419420	41.669	ng	96
78) Pyrene	19.698	202	2185398	39.838	ng	99
81) Benzo(a)anthracene	21.398	228	1110804	19.469	ng	97
83) Chrysene	21.451	228	992168	17.958	ng	96
84) Bis(2-ethylhexyl)phtha...	21.316	149	67021	2.163	ng	100
87) Indeno(1,2,3-cd)pyrene	26.421	276	723819	9.513	ng	# 94
88) Benzo(b)fluoranthene	23.110	252	1385181	21.348	ng	# 95
89) Benzo(k)fluoranthene	23.151	252	404623m	6.581	ng	
90) Benzo(a)pyrene	23.751	252	989757	16.767	ng	# 95
91) Dibenzo(a,h)anthracene	26.427	278	190923	2.892	ng	# 78
92) Benzo(g,h,i)perylene	27.221	276	711371	11.170	ng	# 94

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

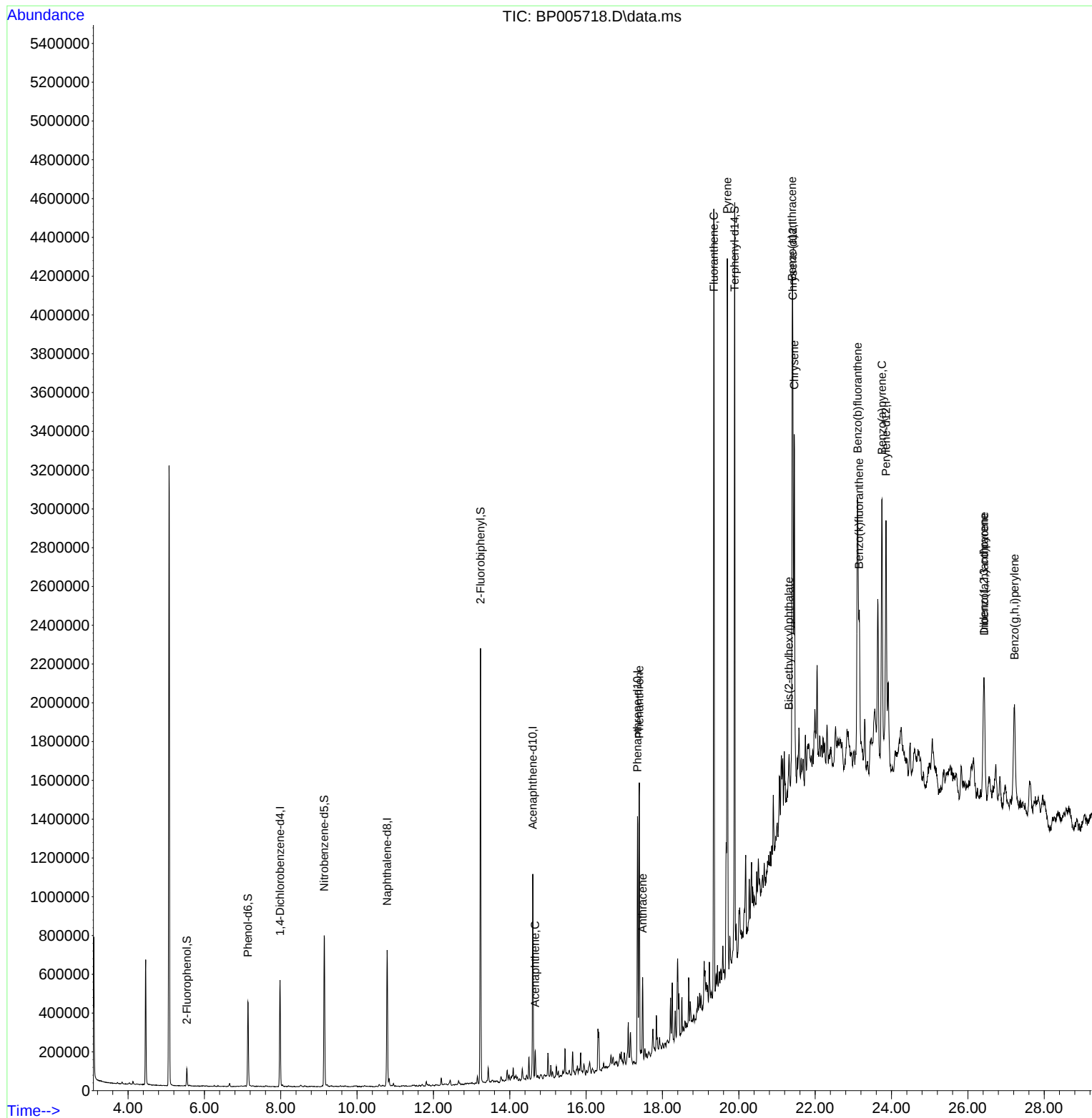
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005718.D
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ALS Vial : 5 Sample Multiplier: 1

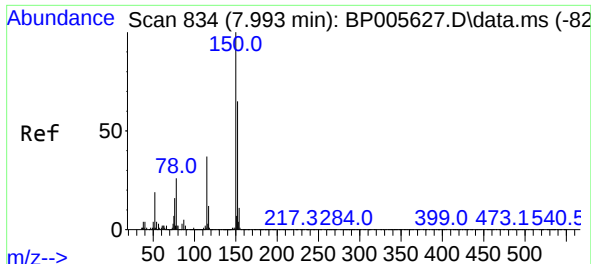
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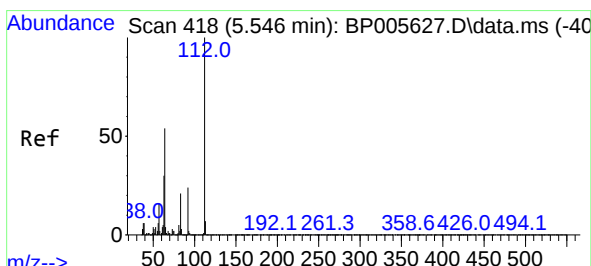
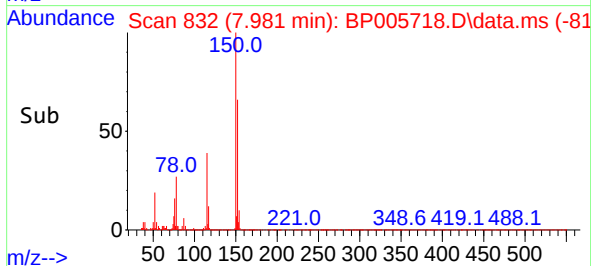
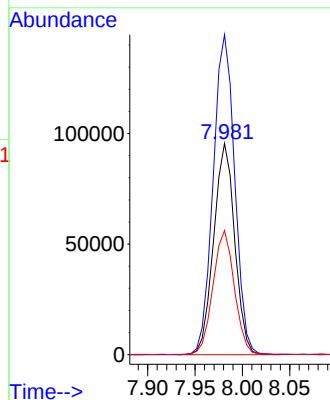
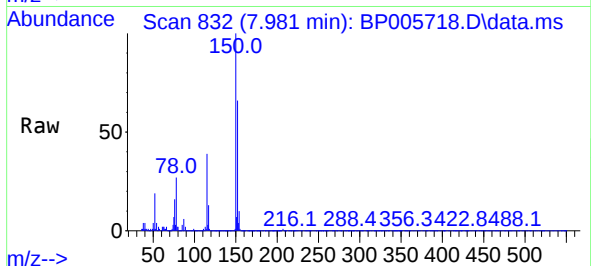
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:152 Resp: 147330
Ion Ratio Lower Upper
152 100
150 151.4 119.8 179.8
115 58.8 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
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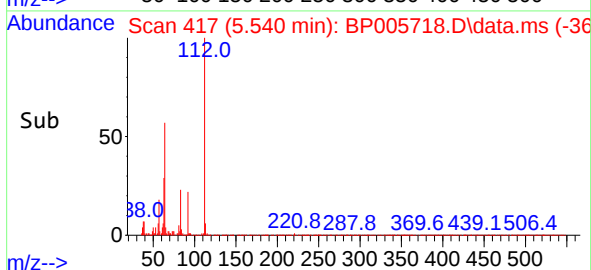
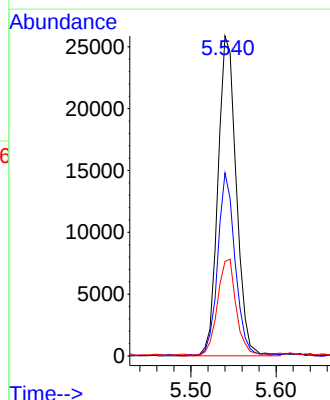
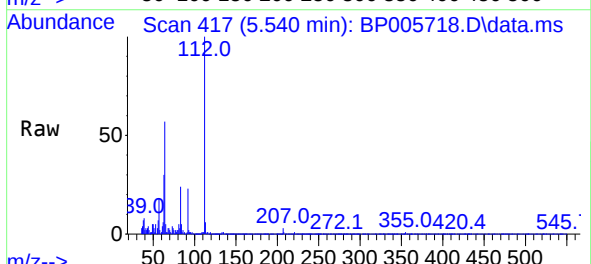
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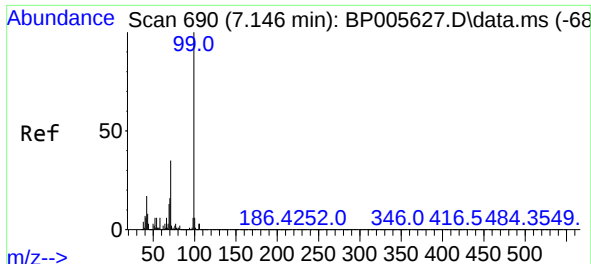
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#5
2-Fluorophenol
Concen: 4.077 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

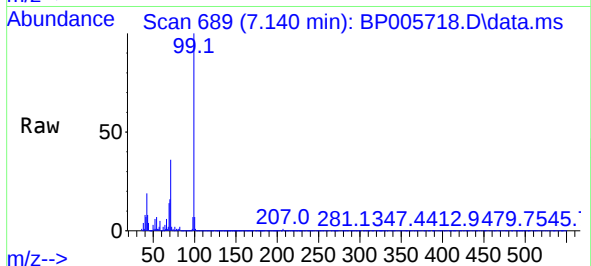
Tgt Ion:112 Resp: 38634
Ion Ratio Lower Upper
112 100
64 57.1 33.6 50.4#
63 29.5 18.6 27.8#





#7
Phenol-d6
Concen: 19.694 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

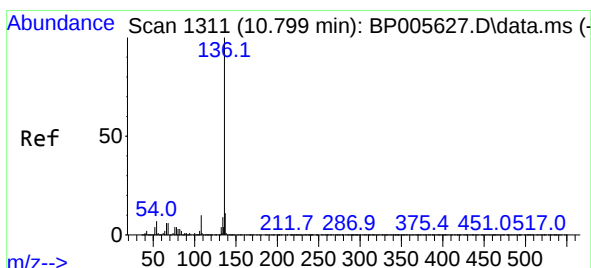
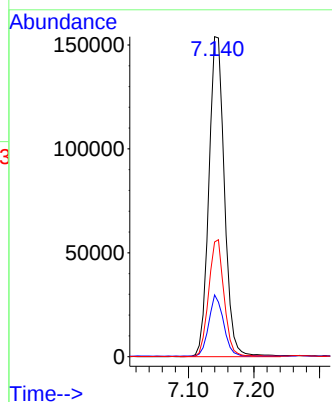
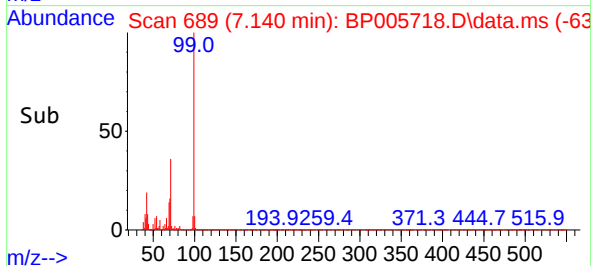
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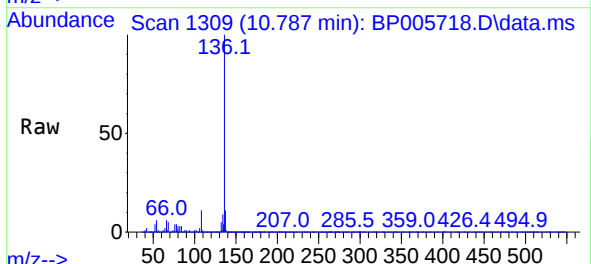
Tgt Ion: 99 Resp: 254418
Ion Ratio Lower Upper
99 100
42 19.3 12.9 19.3
71 35.9 26.7 40.1

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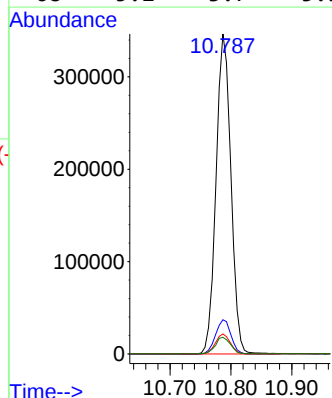
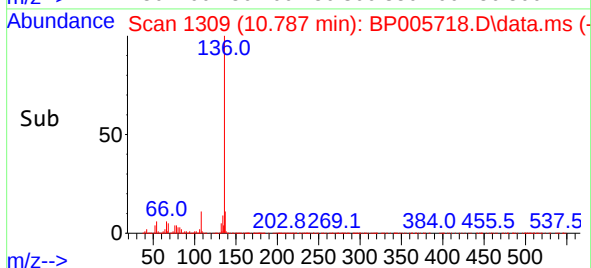
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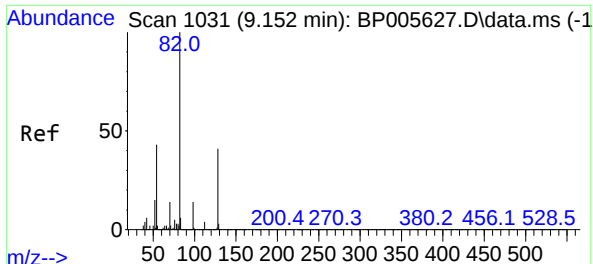


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51



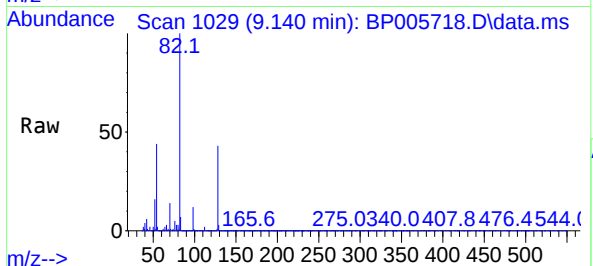
Tgt Ion: 136 Resp: 585803
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.3 5.0 7.4
68 5.2 3.7 5.5





#23
Nitrobenzene-d5
Concen: 43.590 ng
RT: 9.140 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

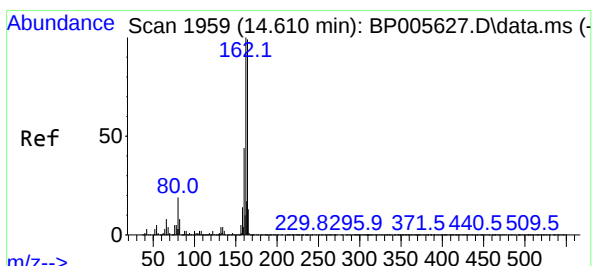
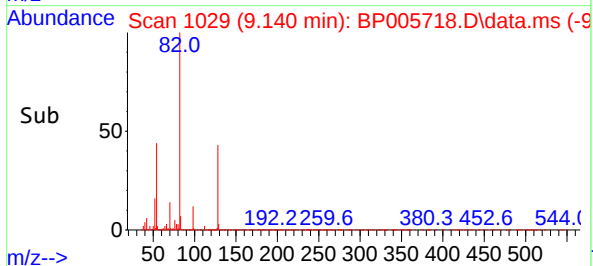
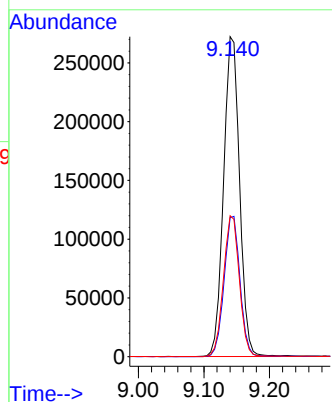
Instrument :
BNA_P
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Tgt Ion: 82 Resp: 459148
Ion Ratio Lower Upper
82 100
128 43.4 30.5 45.7
54 44.1 33.9 50.9

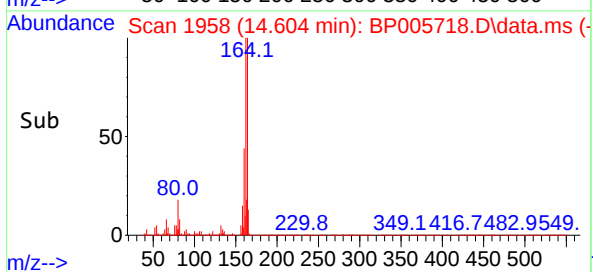
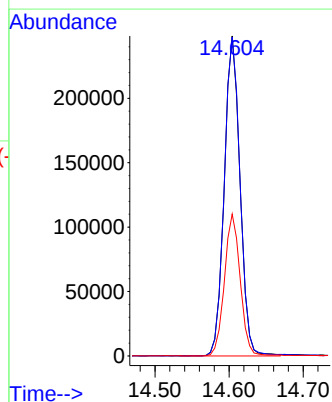
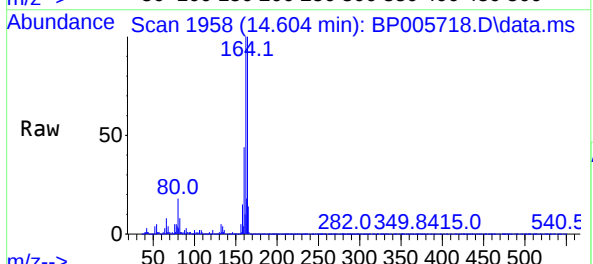
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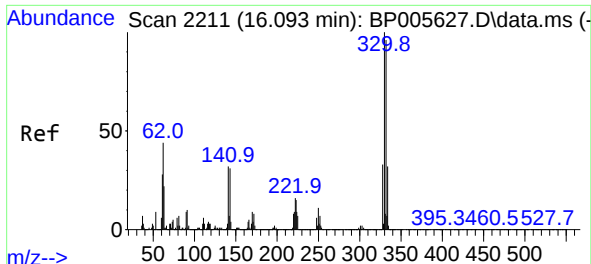
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

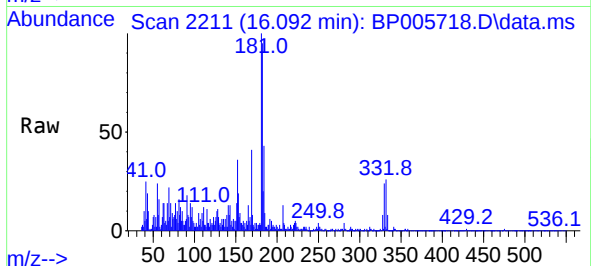
Tgt Ion: 164 Resp: 365758
Ion Ratio Lower Upper
164 100
162 99.6 73.5 110.3
160 44.4 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 0.809 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

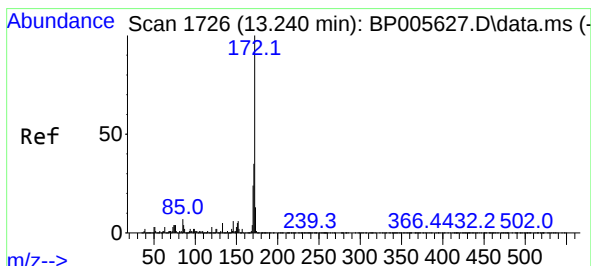
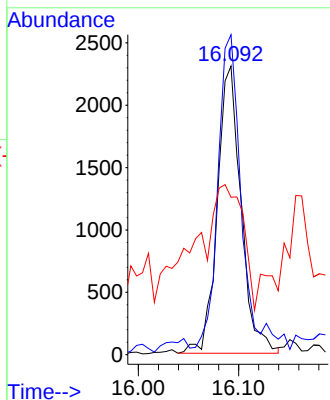
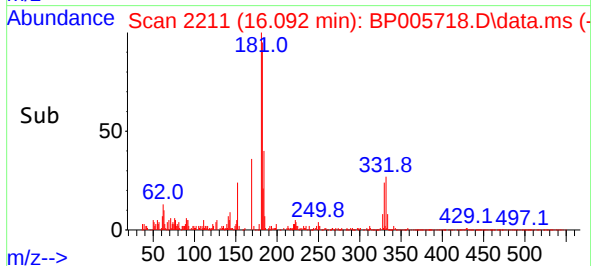
Instrument :
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ClientSampleId :
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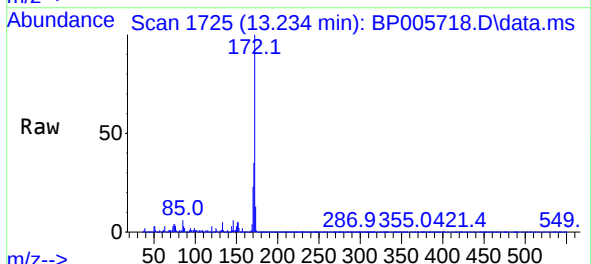
Tgt Ion:330 Resp: 3796
Ion Ratio Lower Upper
330 100
332 108.5 76.3 114.5
141 90.1 22.8 34.2#

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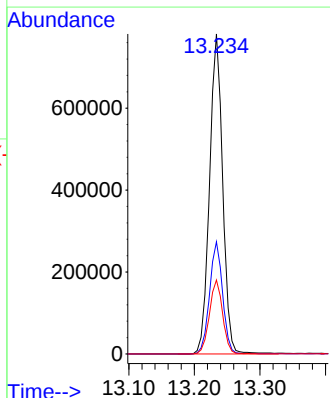
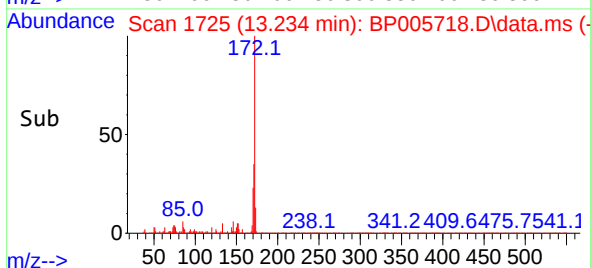
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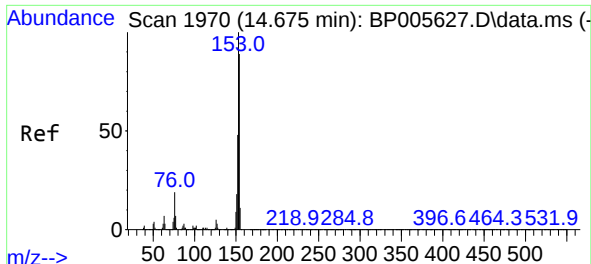


#45
2-Fluorobiphenyl
Concen: 39.393 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51



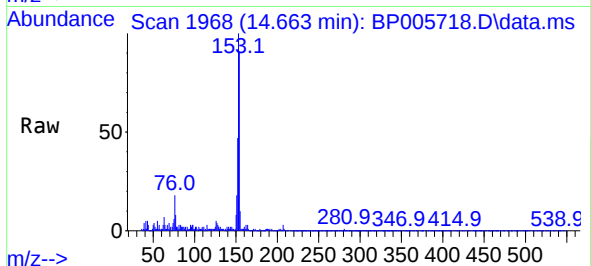
Tgt Ion:172 Resp: 1088714
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.1 19.6 29.4





#52
Acenaphthene
Concen: 2.077 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

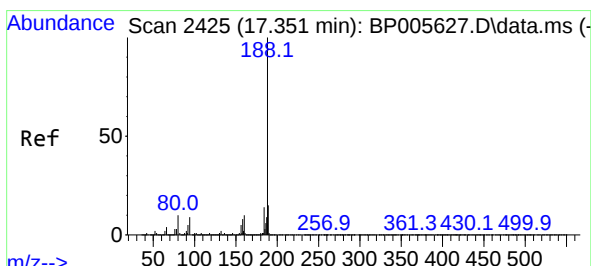
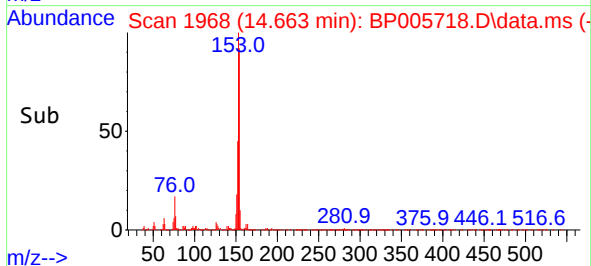
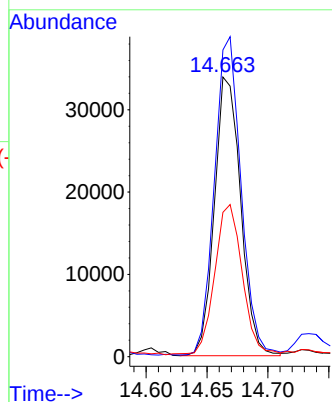
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Tgt Ion:154 Resp: 50799
Ion Ratio Lower Upper
154 100
153 109.7 90.9 136.3
152 51.6 48.5 72.7

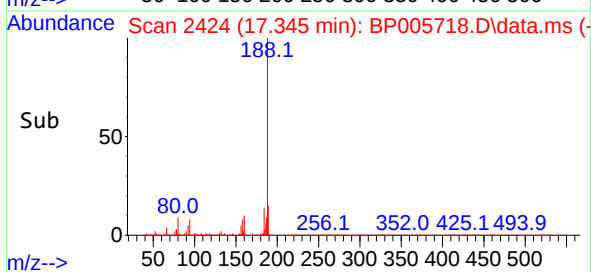
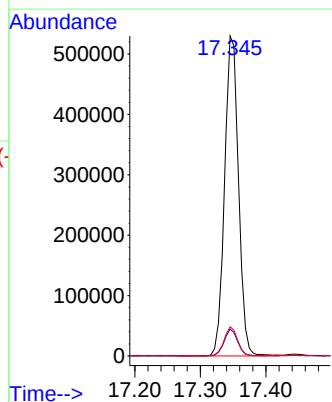
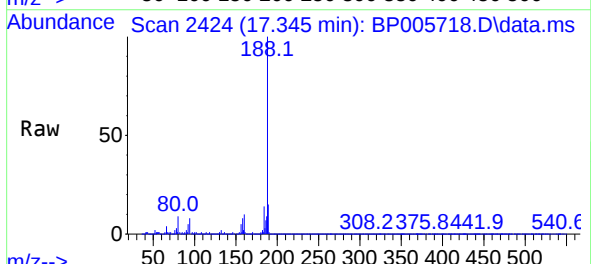
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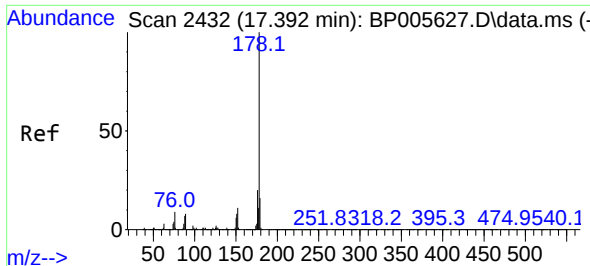
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:188 Resp: 776394
Ion Ratio Lower Upper
188 100
94 8.4 5.0 7.6#
80 9.1 5.9 8.9#





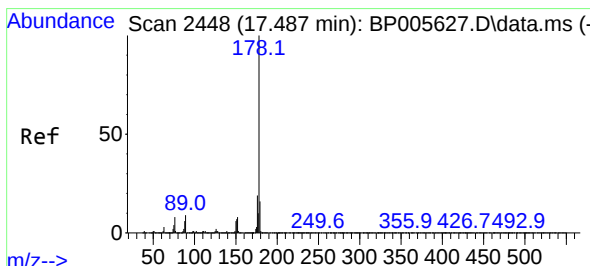
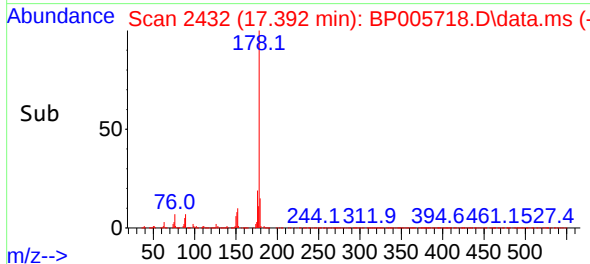
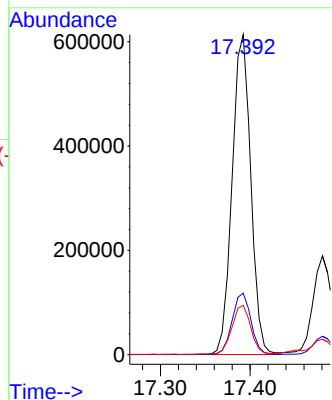
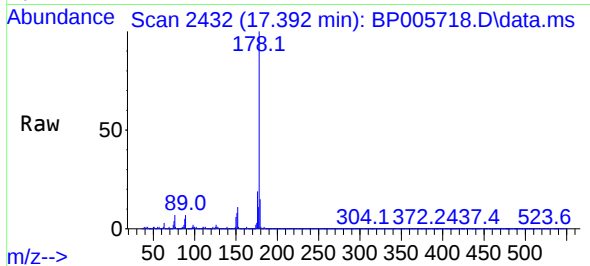
#71
Phenanthrene
Concen: 18.263 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:178 Resp: 883372
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.4 12.3 18.5

Instrument :
BNA_P
ClientSampleId :
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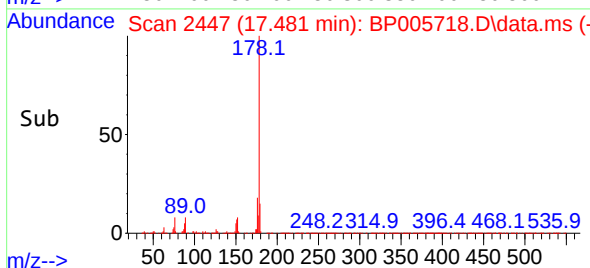
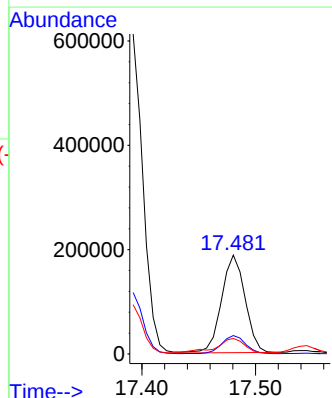
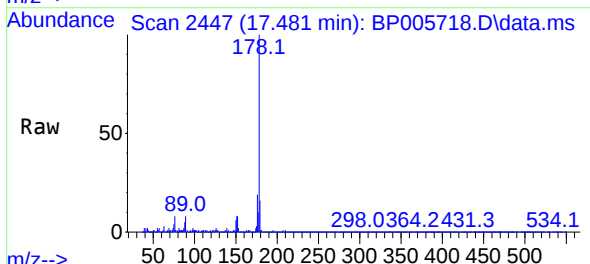
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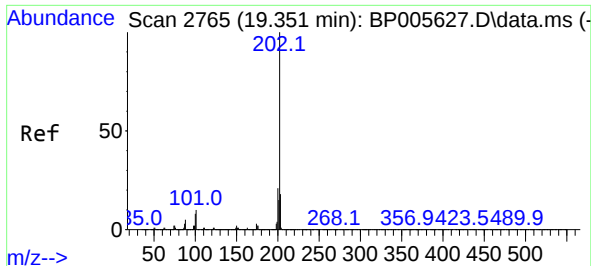
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#72
Anthracene
Concen: 5.635 ng
RT: 17.481 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

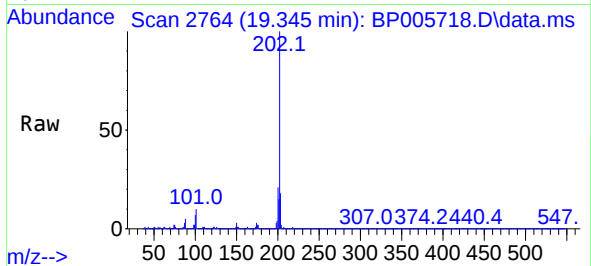
Tgt Ion:178 Resp: 269103
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 15.7 12.6 19.0





#75
Fluoranthene
Concen: 41.669 ng
RT: 19.345 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

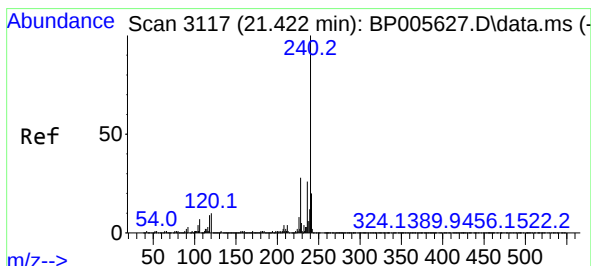
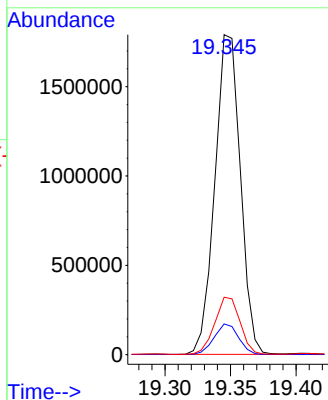
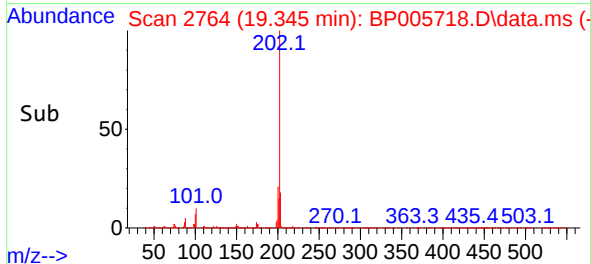
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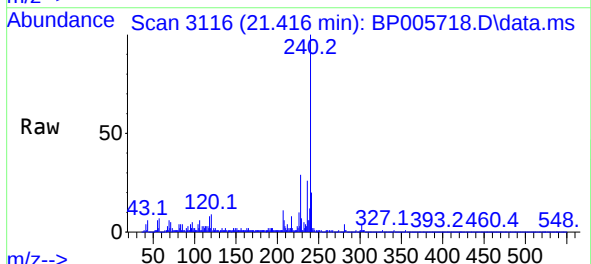
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Ion Ratio Lower Upper
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101 9.6 0.0 26.1
203 18.0 0.0 37.2

Manual Integrations
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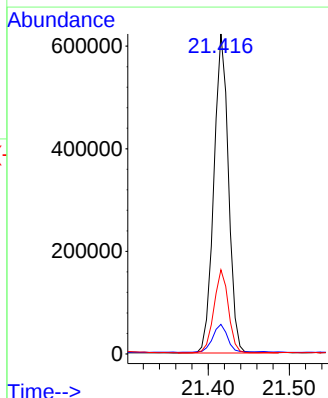
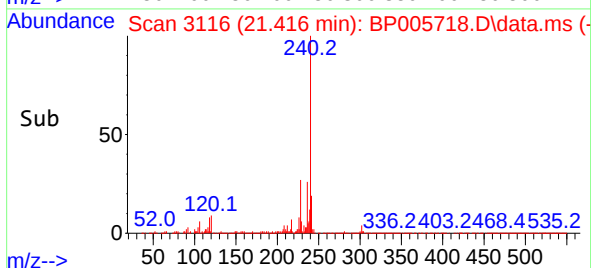
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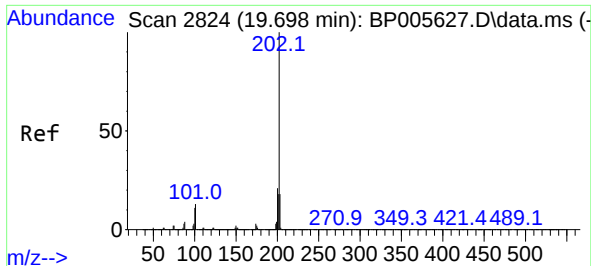


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51



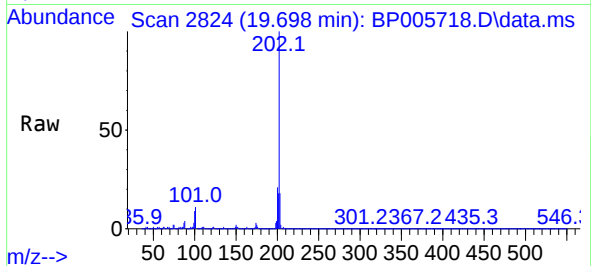
Tgt Ion:240 Resp: 777428
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 26.3 20.2 30.2





#78
Pyrene
Concen: 39.838 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

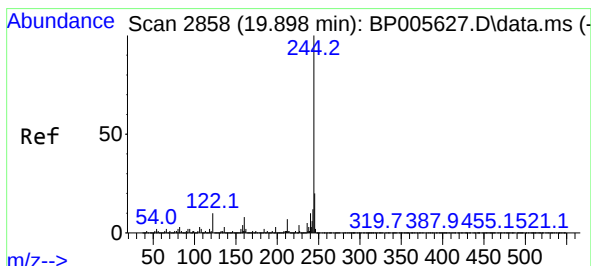
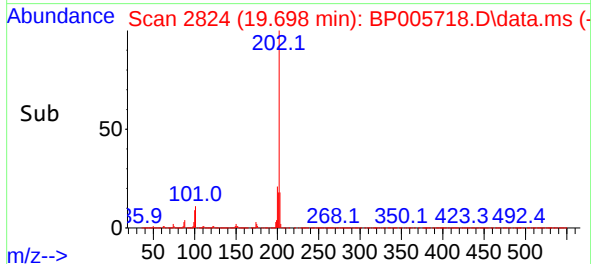
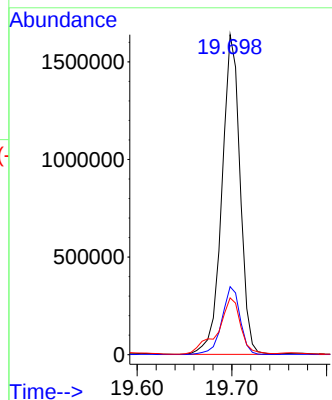
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 2185398
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.7 13.8 20.6

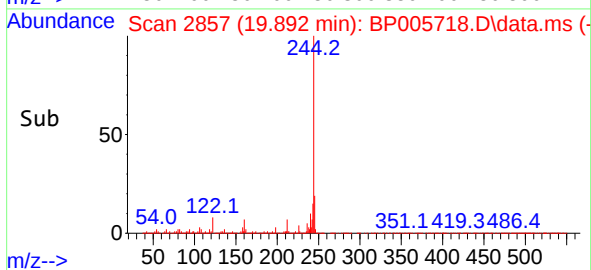
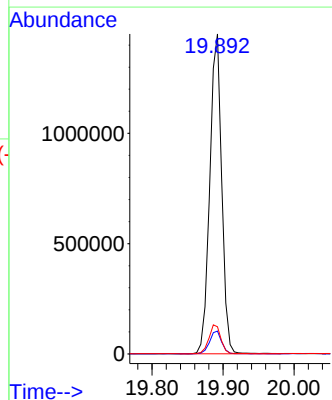
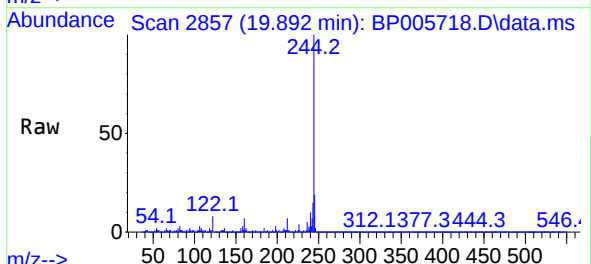
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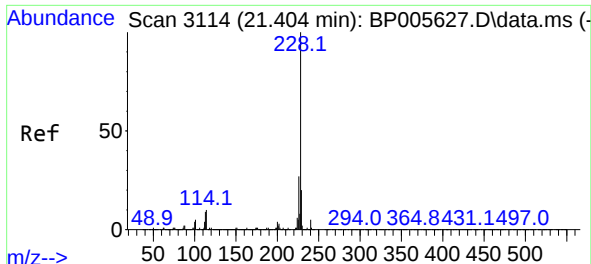
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#79
Terphenyl-d14
Concen: 40.809 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

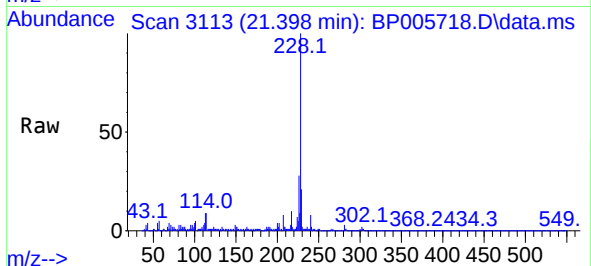
Tgt Ion:244 Resp: 1690757
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.5 5.2 7.8#





#81
Benzo(a)anthracene
Concen: 19.469 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

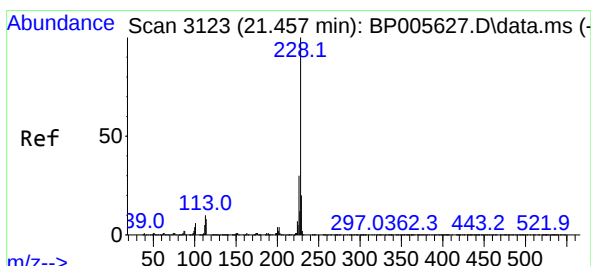
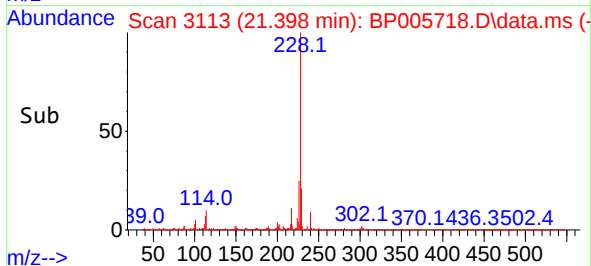
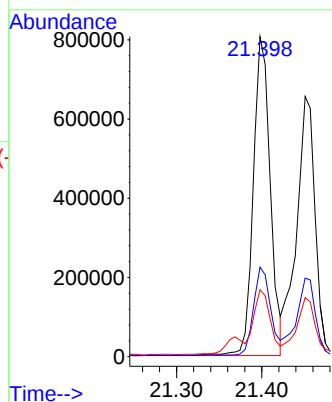
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:228 Resp: 1110804
Ion Ratio Lower Upper
228 100
226 28.0 21.2 31.8
229 20.9 15.6 23.4

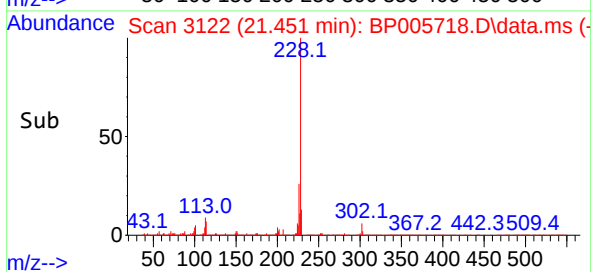
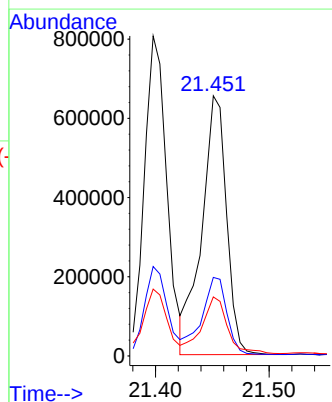
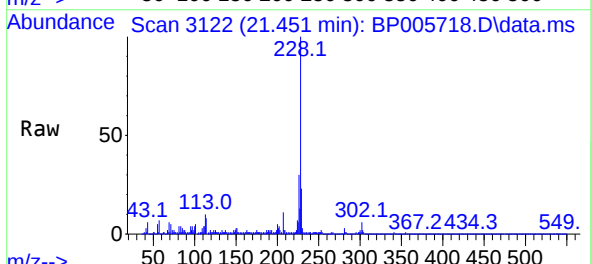
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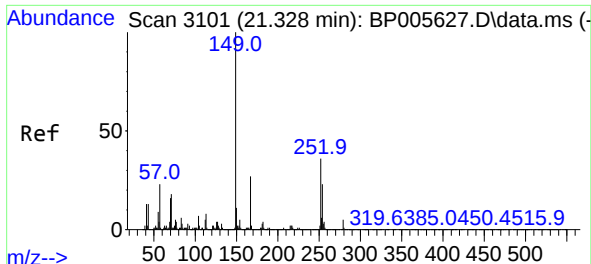
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#83
Chrysene
Concen: 17.958 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:228 Resp: 992168
Ion Ratio Lower Upper
228 100
226 30.2 24.8 37.2
229 22.7 15.4 23.0





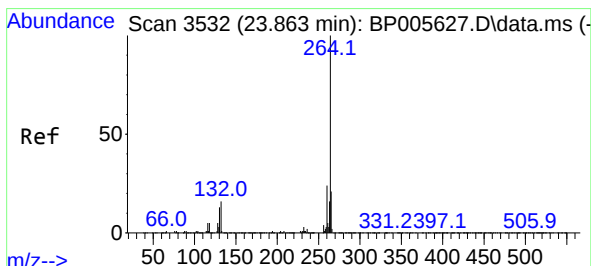
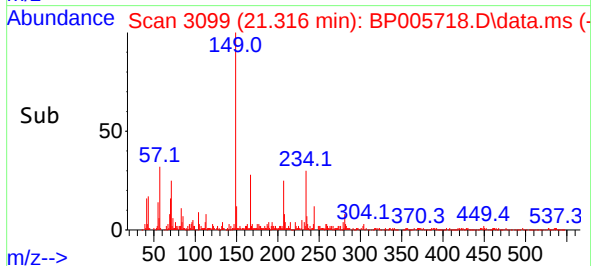
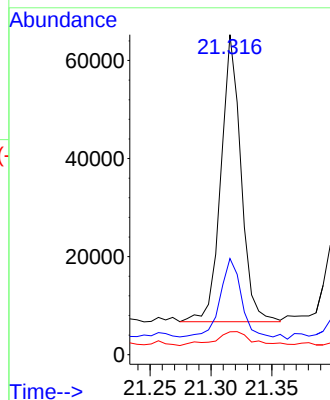
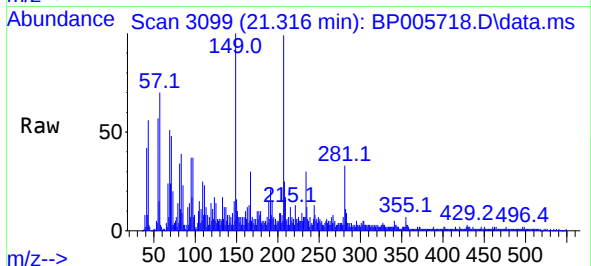
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.163 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:149 Resp: 67021
Ion Ratio Lower Upper
149 100
167 30.1 23.8 35.8
279 7.2 5.7 8.5

Instrument :
BNA_P
ClientSampleId :
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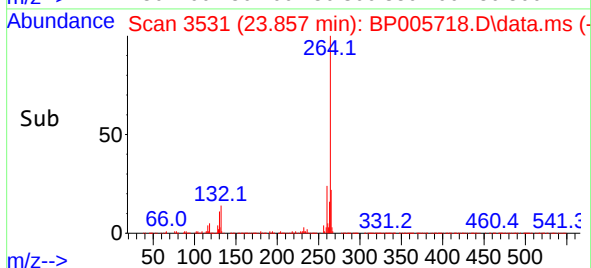
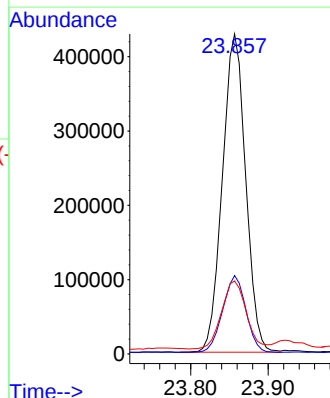
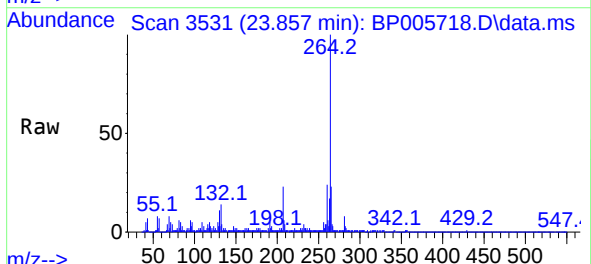
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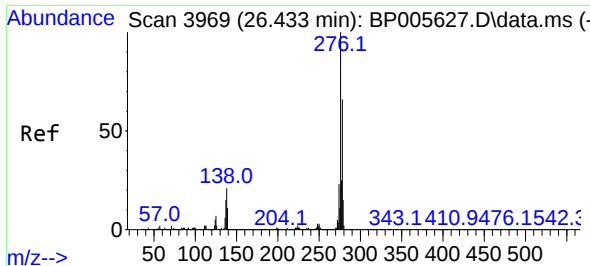
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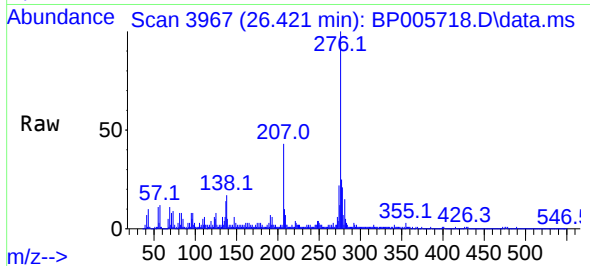
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:264 Resp: 894282
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 22.8 19.0 28.6

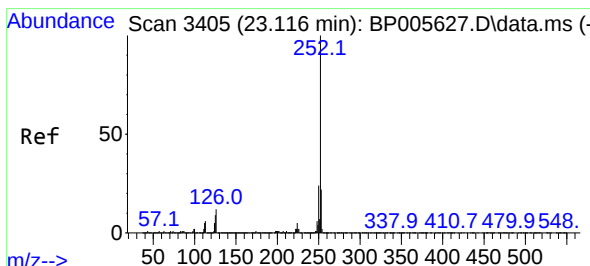
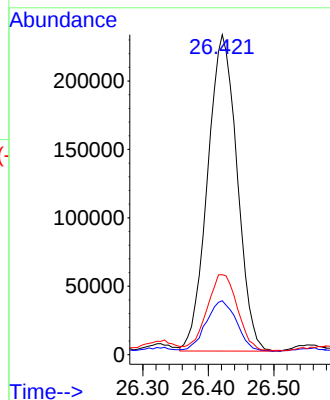
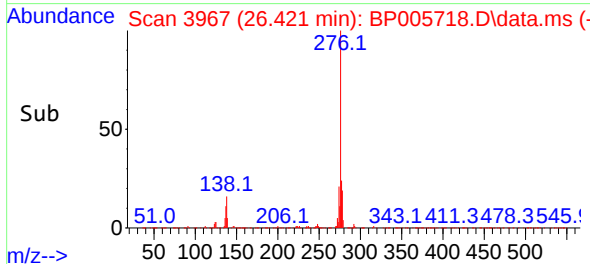




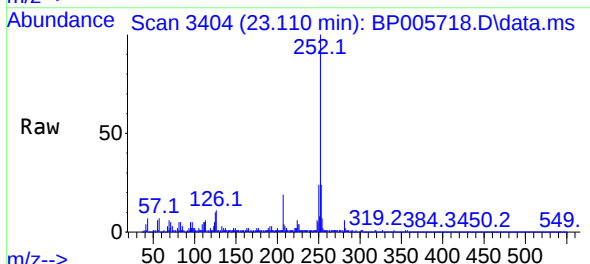
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.513 ng
RT: 26.421 min Scan# 3967
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51



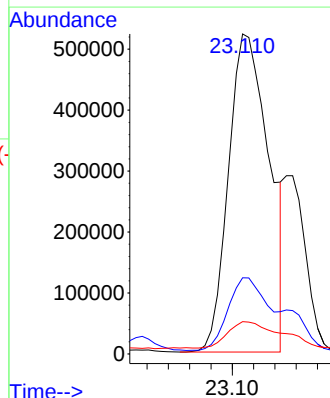
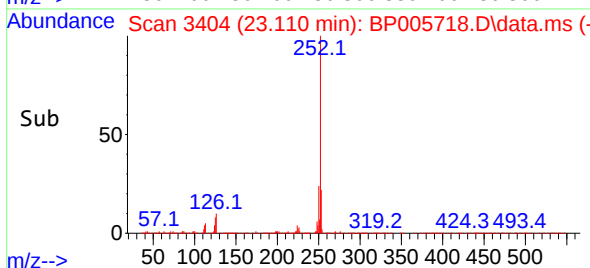
Tgt Ion: 276 Resp: 723819
Ion Ratio Lower Upper
276 100
138 16.5 8.4 12.6#
277 24.8 20.6 31.0



#88
Benzo(b)fluoranthene
Concen: 21.348 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51



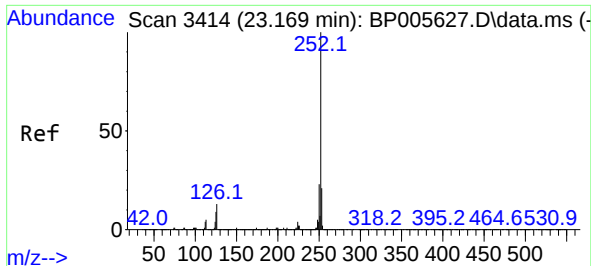
Tgt Ion: 252 Resp: 1385181
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 10.1 3.4 5.0#



Instrument :
BNA_P
ClientSampleId :
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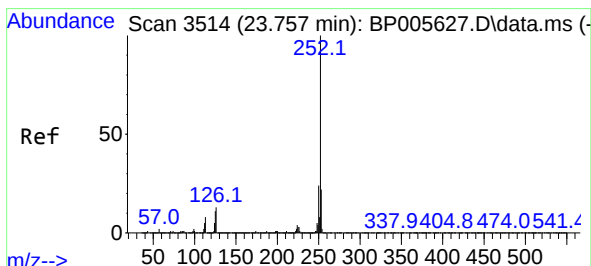
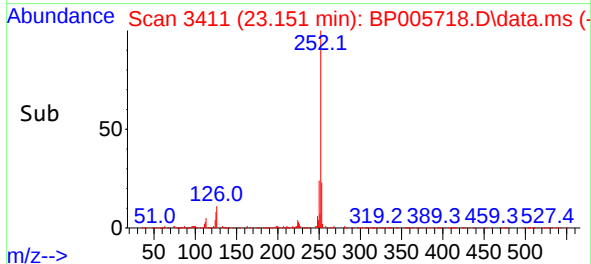
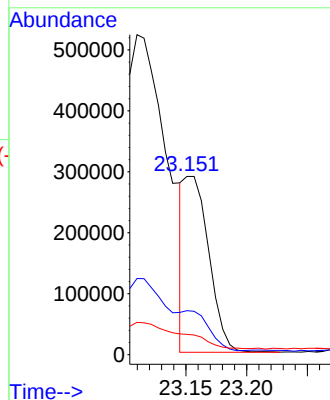
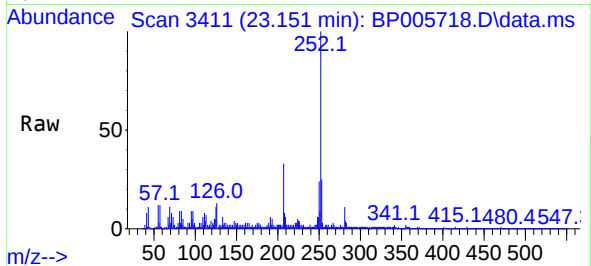
#89
Benzo(k)fluoranthene
Concen: 6.581 ng m
RT: 23.151 min Scan# 3411
Delta R.T. -0.018 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:252 Resp: 404623
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 11.4 3.8 5.6#

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

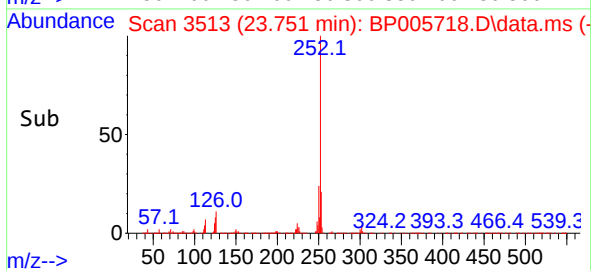
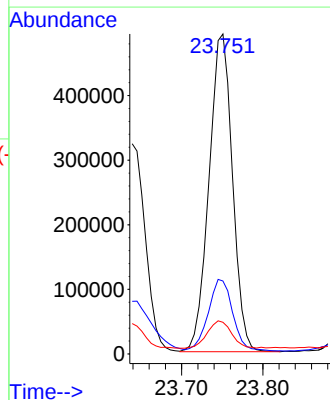
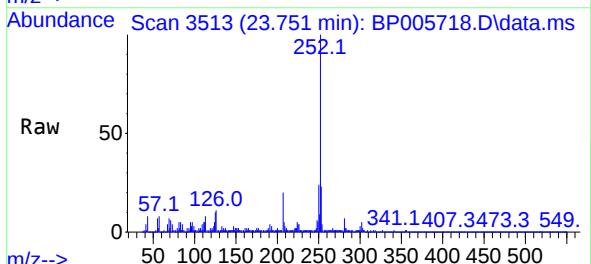
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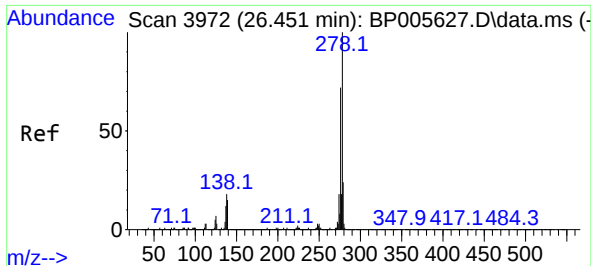
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#90
Benzo(a)pyrene
Concen: 16.767 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

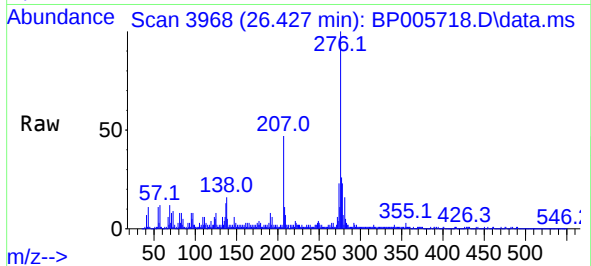
Tgt Ion:252 Resp: 989757
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 9.9 3.8 5.6#





#91
Dibenzo(a,h)anthracene
Concen: 2.892 ng
RT: 26.427 min Scan# 3968
Delta R.T. -0.024 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

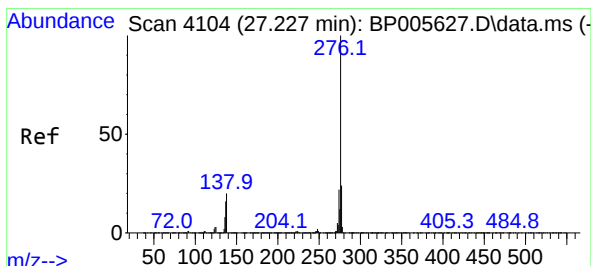
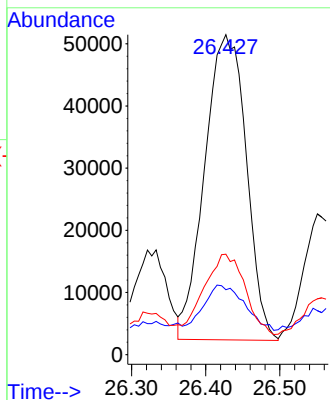
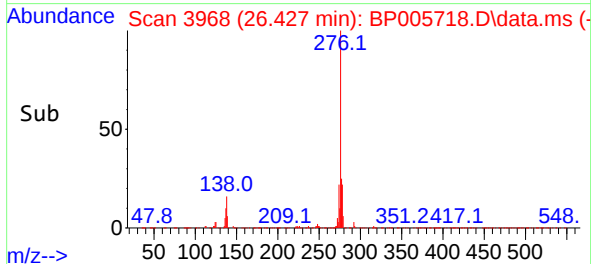
Instrument :
BNA_P
ClientSampleId :
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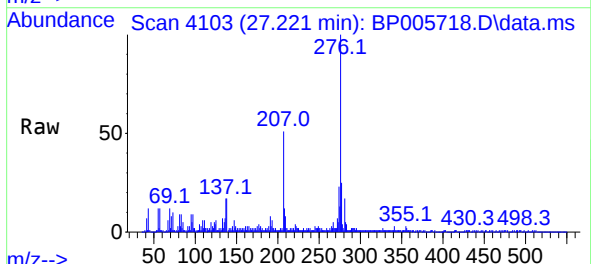
Tgt Ion:278 Resp: 190923
Ion Ratio Lower Upper
278 100
139 20.3 5.0 7.6#
279 31.4 18.6 28.0#

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#92
Benzo(g,h,i)perylene
Concen: 11.170 ng
RT: 27.221 min Scan# 4103
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51



Tgt Ion:276 Resp: 711371
Ion Ratio Lower Upper
276 100
277 24.9 19.8 29.8
138 17.4 7.7 11.5#

