

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
 Data File : BP007198.D
 Acq On : 25 Sep 2021 21:49
 Operator : CG/JU
 Sample : M3917-04DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-6DL

Manual Integrations
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Quant Time: Sep 26 02:17:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	224259	20.00	ng	-0.01
21) Naphthalene-d8	10.681	136	895481	20.00	ng	#-0.01
39) Acenaphthene-d10	14.510	164	565659	20.00	ng	-0.02
64) Phenanthrene-d10	17.263	188	1144734	20.00	ng	-0.01
76) Chrysene-d12	21.351	240	1073354	20.00	ng	0.00
86) Perylene-d12	23.757	264	1183531	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	608254	45.40	ng	0.00
7) Phenol-d6	7.052	99	786784	42.97	ng	-0.01
23) Nitrobenzene-d5	9.040	82	449326	29.22	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	359509	49.02	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	1183421	29.97	ng	-0.01
79) Terphenyl-d14	19.822	244	1642478	29.32	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.234	152	389691	7.76	ng	99
52) Acenaphthene	14.575	154	82709	2.72	ng	97
58) Fluorene	15.557	166	184799	4.71	ng	99
71) Phenanthrene	17.304	178	2074405	33.80	ng	99
72) Anthracene	17.398	178	680149	11.33	ng	99
73) Carbazole	17.669	167	157744	2.68	ng	98
75) Fluoranthene	19.275	202	3632410	51.37	ng	98
78) Pyrene	19.628	202	3543158	50.31	ng	99
81) Benzo(a)anthracene	21.333	228	1712668	24.58	ng	96
83) Chrysene	21.386	228	1549514	23.27	ng	96
87) Indeno(1,2,3-cd)pyrene	26.274	276	1202436	14.14	ng	99
88) Benzo(b)fluoranthene	23.021	252	2247631	31.78	ng	# 97
89) Benzo(k)fluoranthene	23.063	252	633501m	8.85	ng	
90) Benzo(a)pyrene	23.651	252	1746950	29.07	ng	# 96
91) Dibenzo(a,h)anthracene	26.286	278	294225	4.13	ng	# 87
92) Benzo(g,h,i)perylene	27.057	276	1220255	17.54	ng	# 95

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

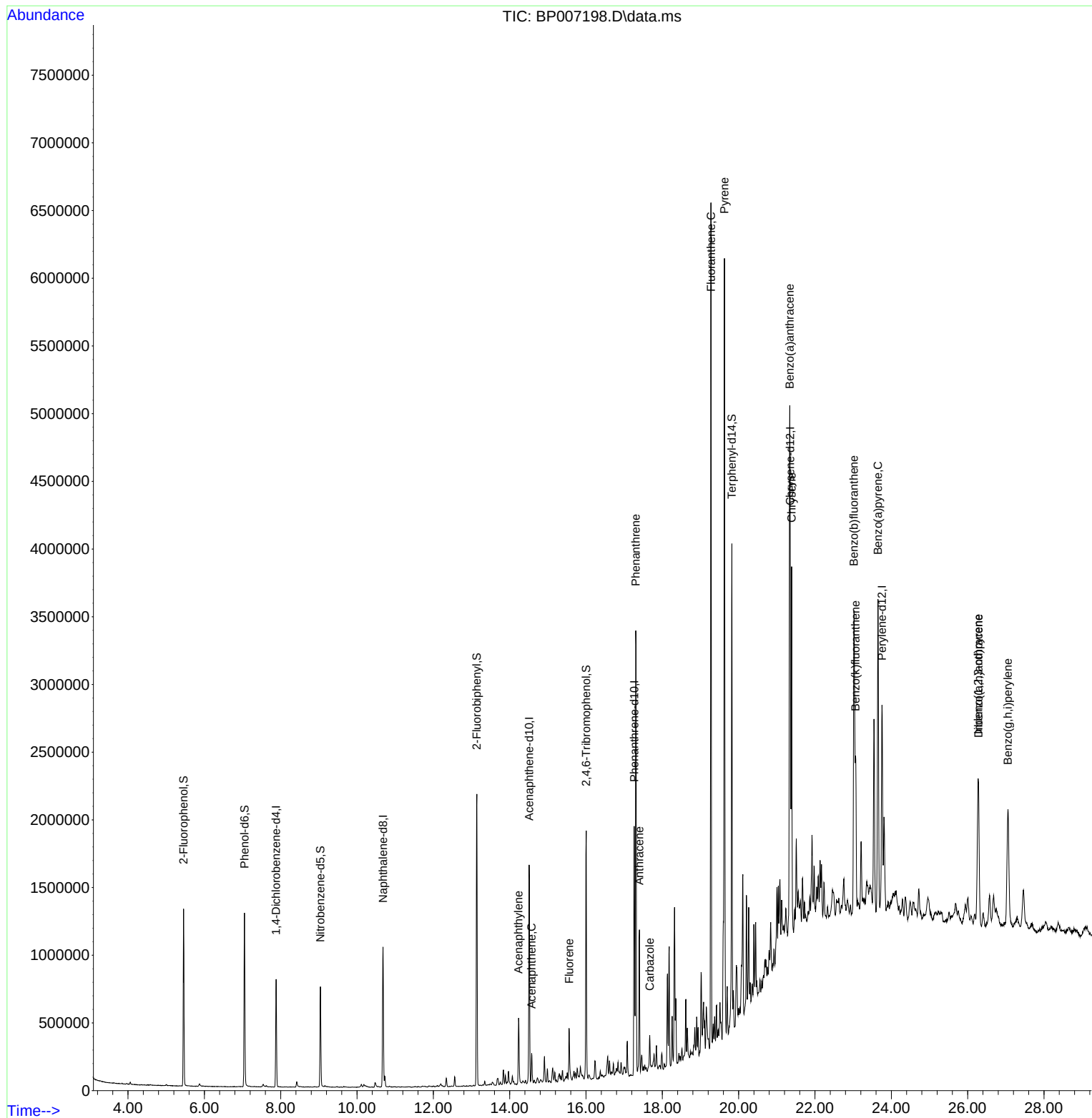
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Data File : BP007198.D
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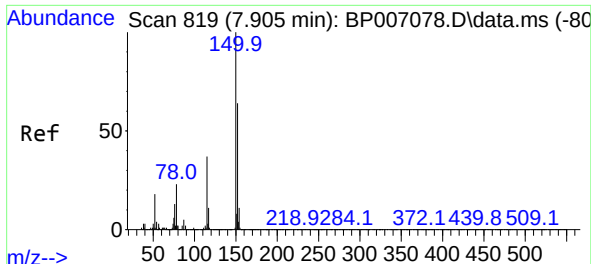
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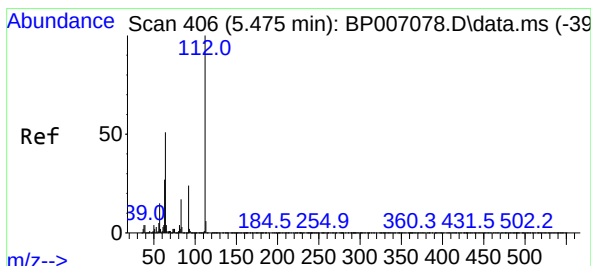
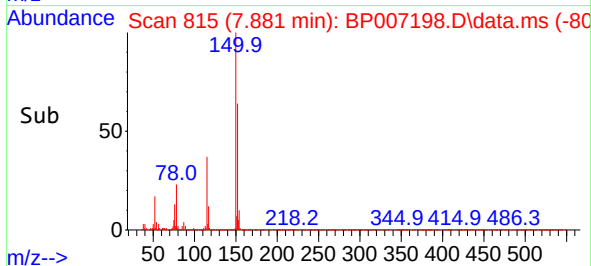
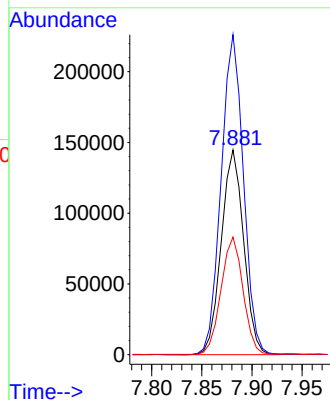
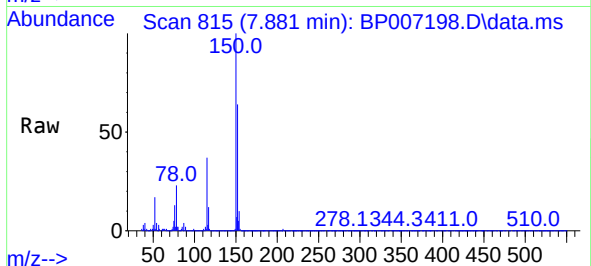
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Tgt Ion:152 Resp: 224259
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 57.4 48.5 72.7

Instrument :
BNA_P
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TP-6DL

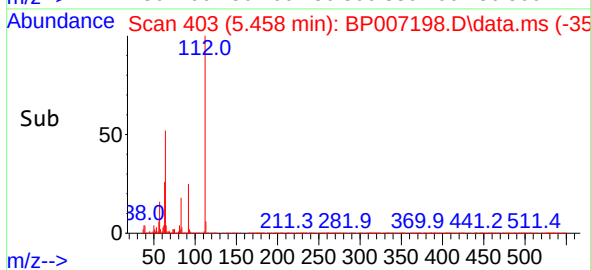
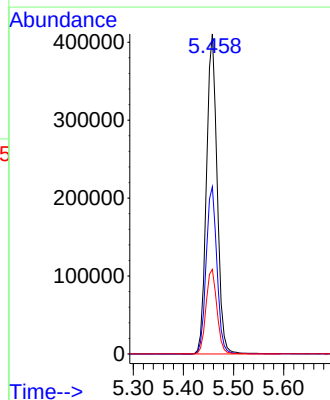
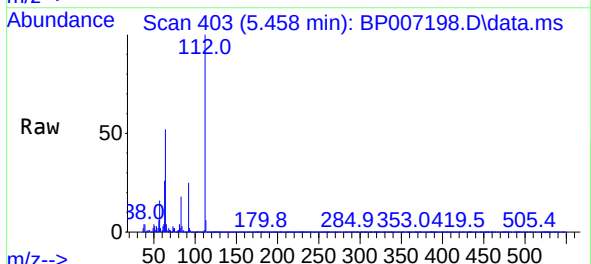
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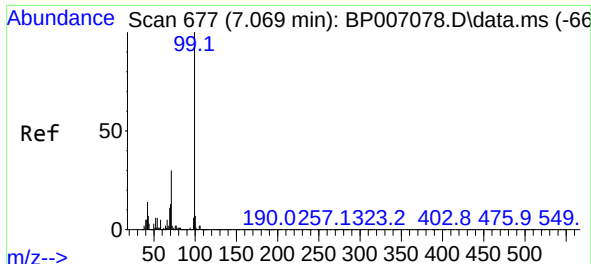
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#5
2-Fluorophenol
Concen: 45.40 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Tgt Ion:112 Resp: 608254
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 26.4 23.8 35.8





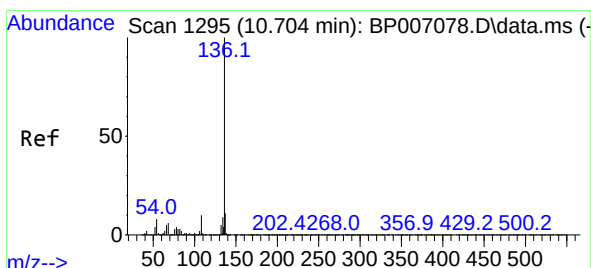
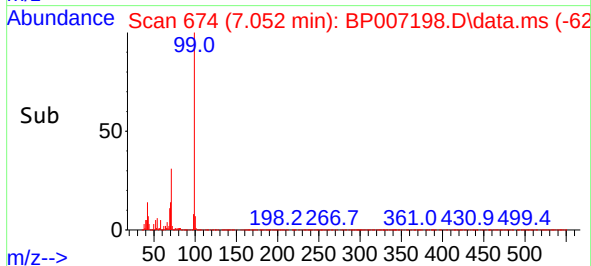
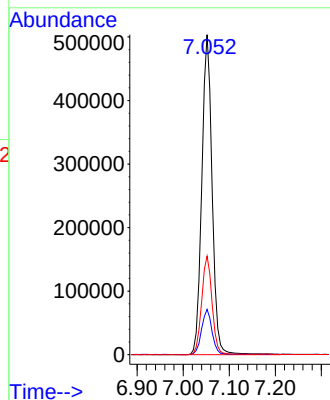
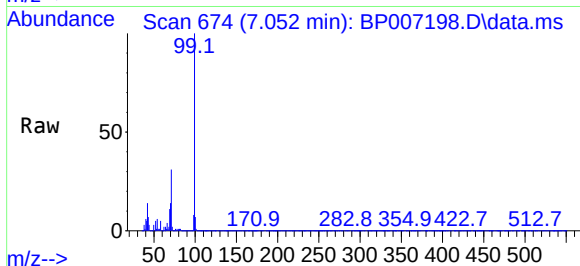
#7
Phenol-d6
Concen: 42.97 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Tgt Ion: 99 Resp: 786784
Ion Ratio Lower Upper
99 100
42 14.1 13.4 20.0
71 30.8 30.6 46.0

Instrument :
BNA_P
ClientSampled :
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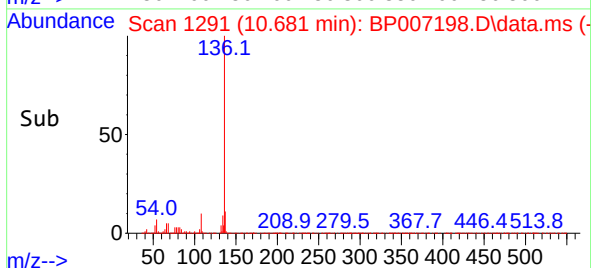
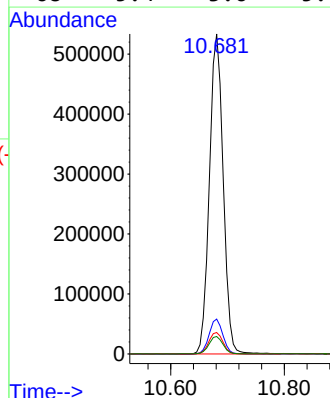
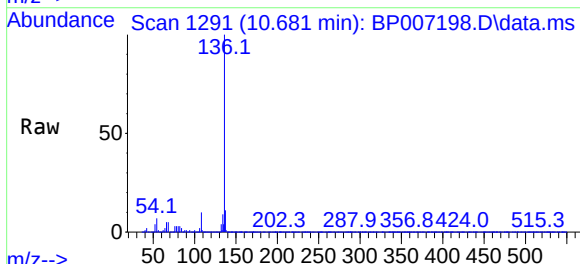
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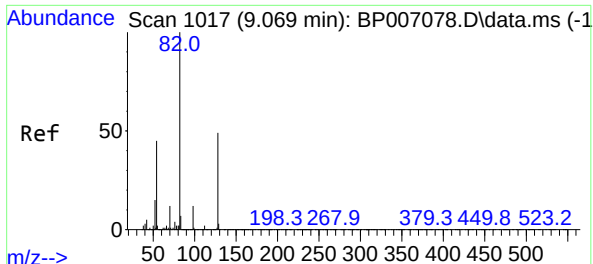
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Tgt Ion: 136 Resp: 895481
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.7 4.6 6.8
68 5.4 3.6 5.4#





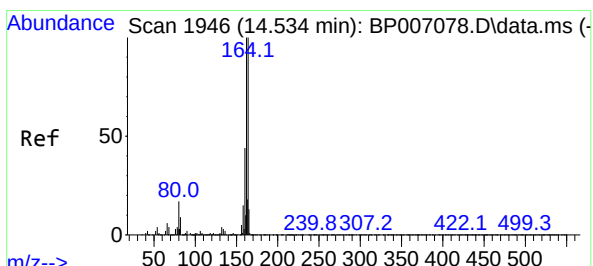
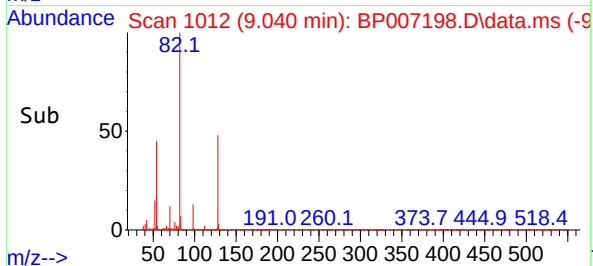
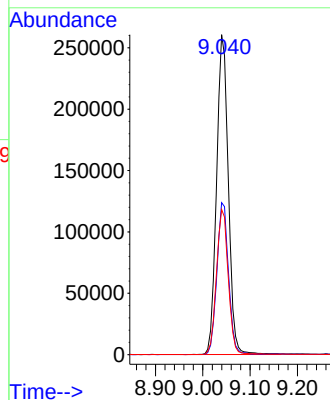
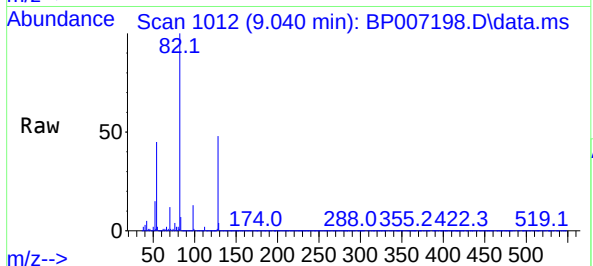
#23
Nitrobenzene-d5
Concen: 29.22 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.018 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Tgt Ion: 82 Resp: 449326
Ion Ratio Lower Upper
82 100
128 47.5 35.7 53.5
54 45.3 35.0 52.4

Instrument :
BNA_P
ClientSampleId :
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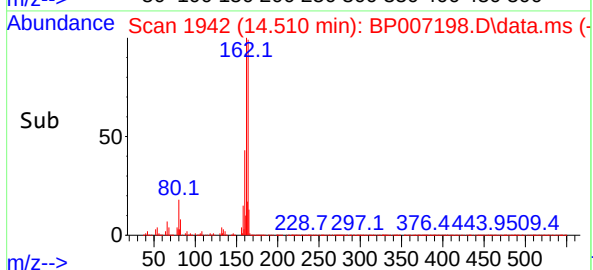
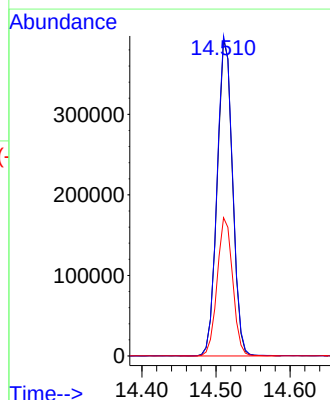
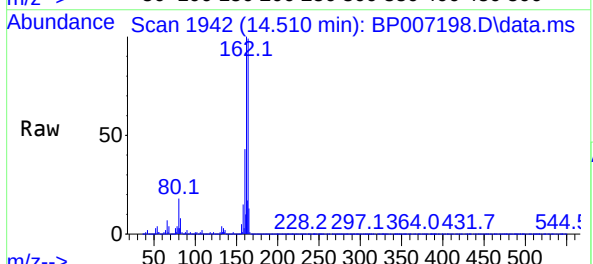
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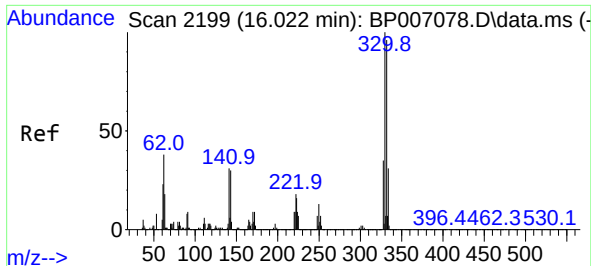
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Tgt Ion: 164 Resp: 565659
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 43.6 34.5 51.7





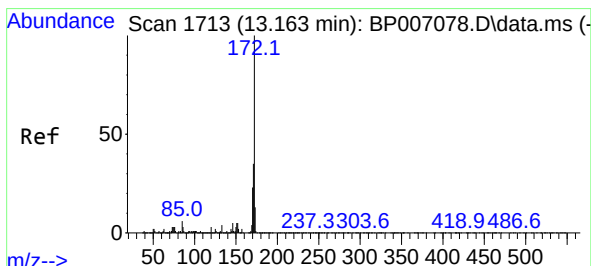
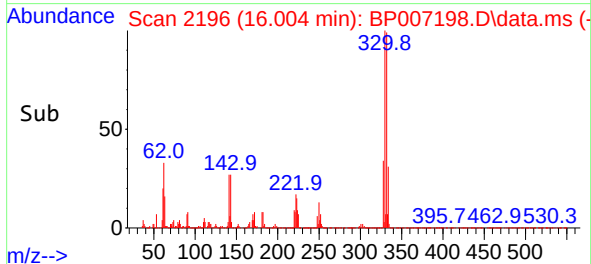
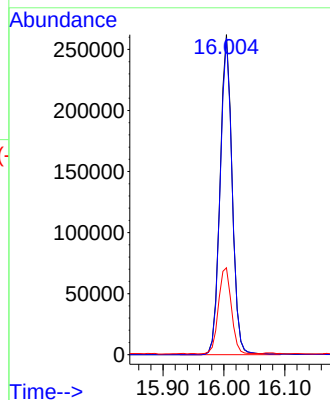
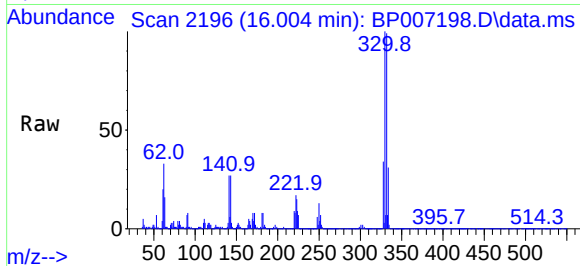
#42
2,4,6-Tribromophenol
Concen: 49.02 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Instrument :
BNA_P
ClientSampled :
TP-6DL

Tgt Ion:330 Resp: 359509
Ion Ratio Lower Upper
330 100
332 98.3 77.8 116.8
141 28.7 25.4 38.2

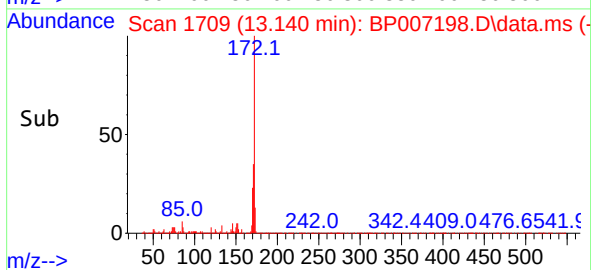
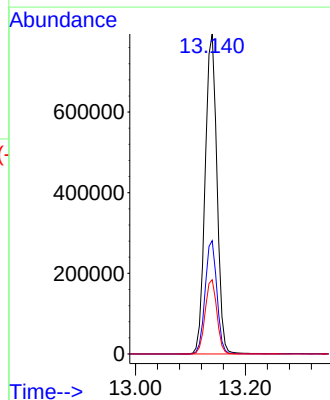
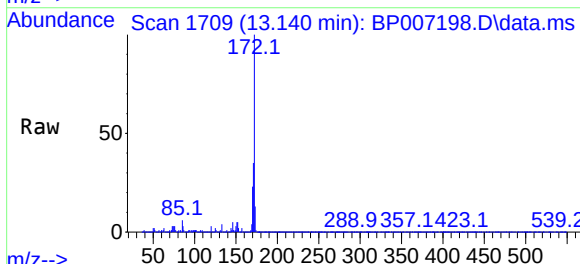
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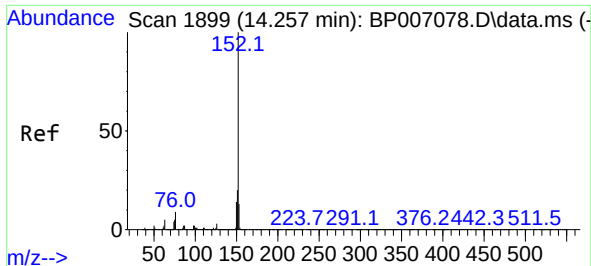
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#45
2-Fluorobiphenyl
Concen: 29.97 ng
RT: 13.140 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Tgt Ion:172 Resp: 1183421
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.2 18.6 27.8





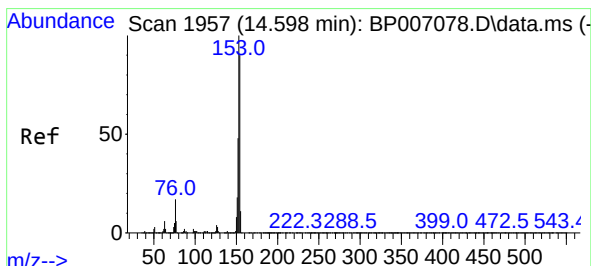
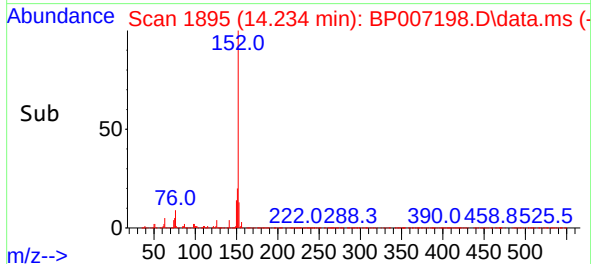
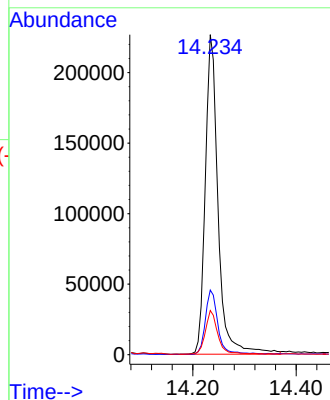
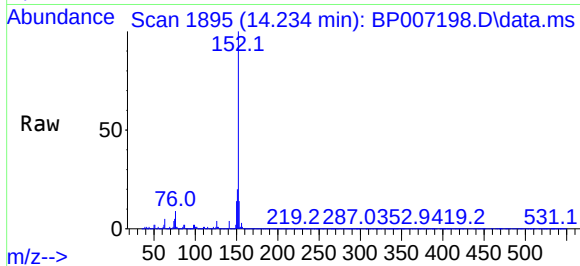
#49
Acenaphthylene
Concen: 7.76 ng
RT: 14.234 min Scan# 1895
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Tgt Ion:152 Resp: 389691
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.8 10.6 16.0

Instrument :
BNA_P
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TP-6DL

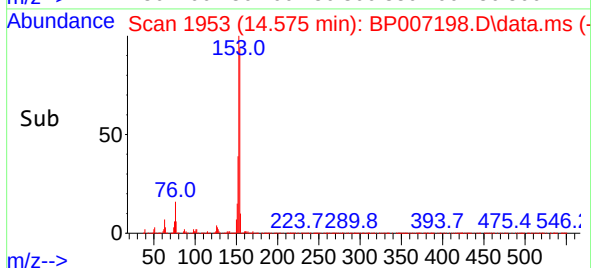
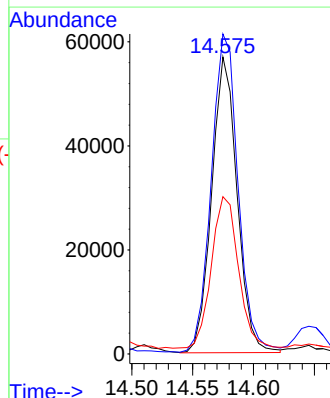
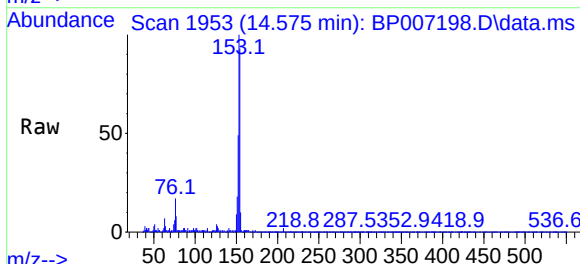
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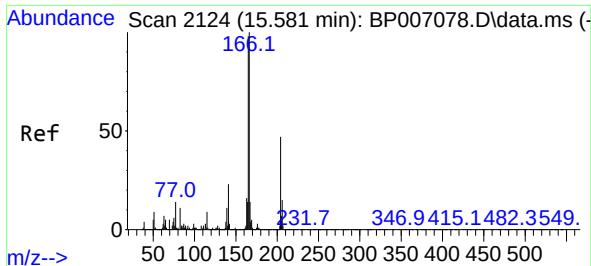
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#52
Acenaphthene
Concen: 2.72 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

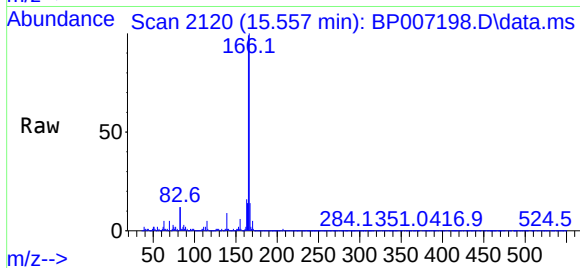
Tgt Ion:154 Resp: 82709
Ion Ratio Lower Upper
154 100
153 107.7 89.4 134.2
152 53.0 43.0 64.4





#58
Fluorene
Concen: 4.71 ng
RT: 15.557 min Scan# 2120
Delta R.T. -0.018 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

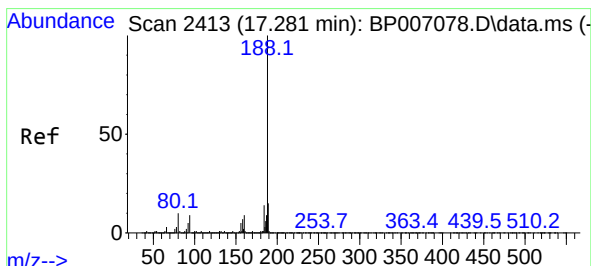
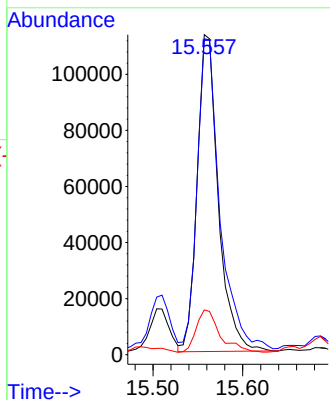
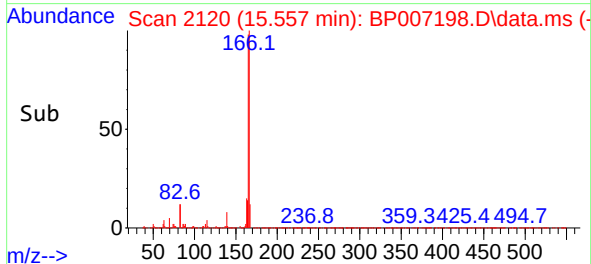
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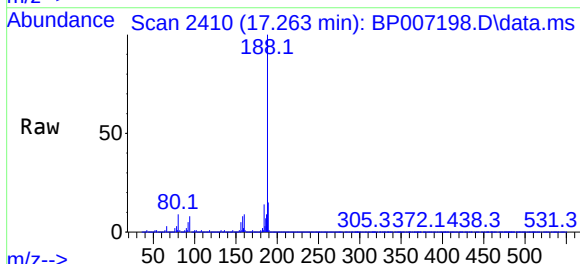
Tgt Ion:166 Resp: 184799
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 14.0 10.5 15.7

Manual Integrations
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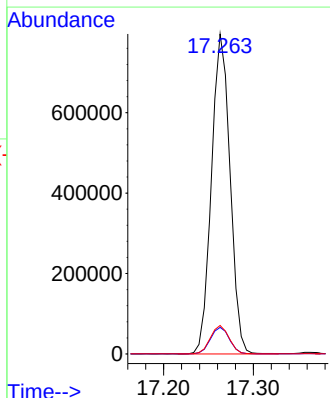
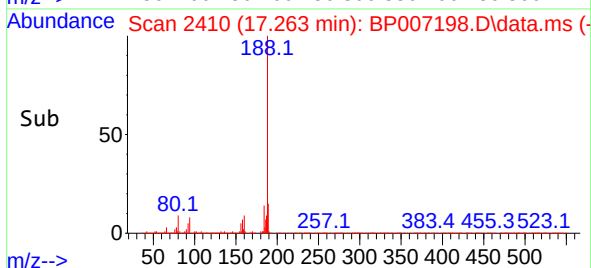
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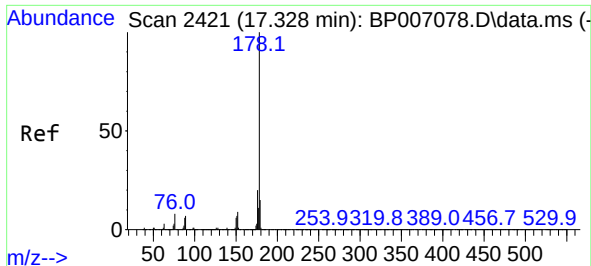


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49



Tgt Ion:188 Resp: 1144734
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 8.9 6.3 9.5





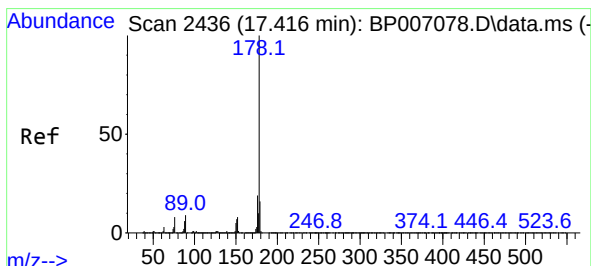
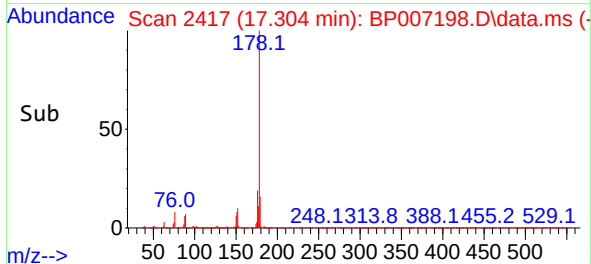
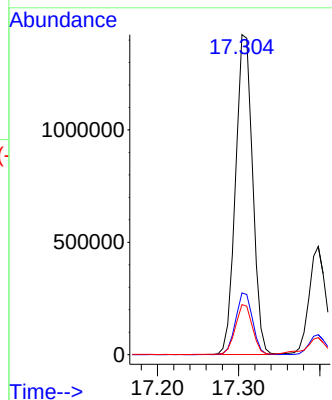
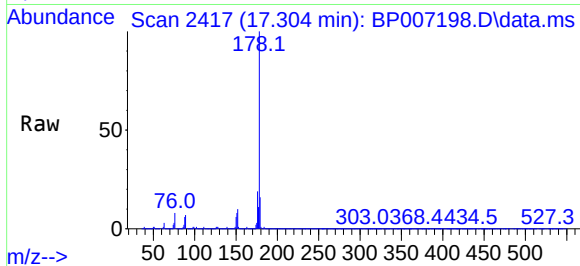
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Phenanthrene
Concen: 33.80 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Tgt Ion:178 Resp: 2074405
Ion Ratio Lower Upper
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176 19.3 15.1 22.7
179 15.7 12.4 18.6

Instrument :
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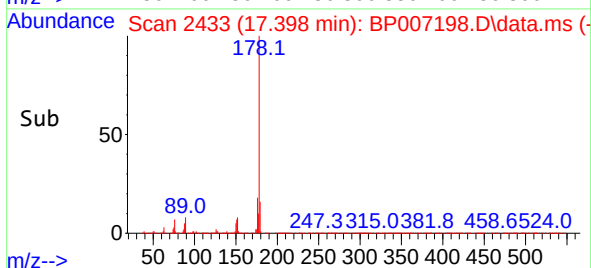
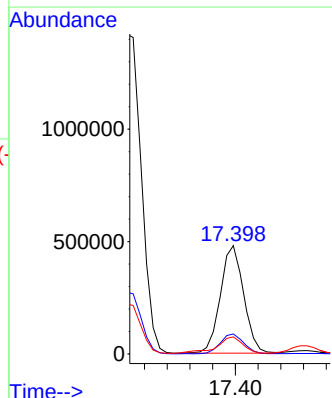
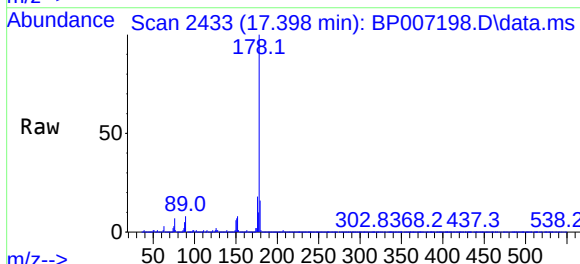
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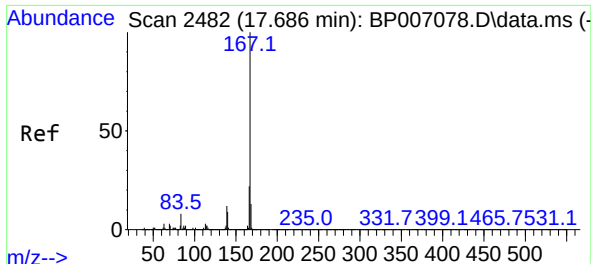
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#72
Anthracene
Concen: 11.33 ng
RT: 17.398 min Scan# 2433
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

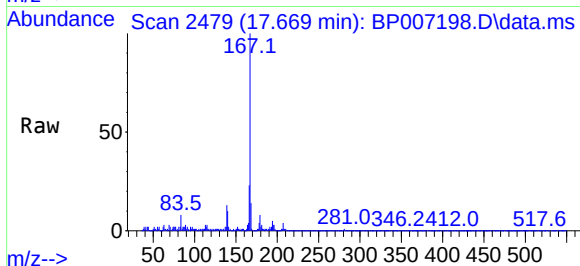
Tgt Ion:178 Resp: 680149
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.8 12.2 18.2





#73
 Carbazole
 Concen: 2.68 ng
 RT: 17.669 min Scan# 2479
 Delta R.T. -0.012 min
 Lab File: BP007198.D
 Acq: 25 Sep 2021 21:49

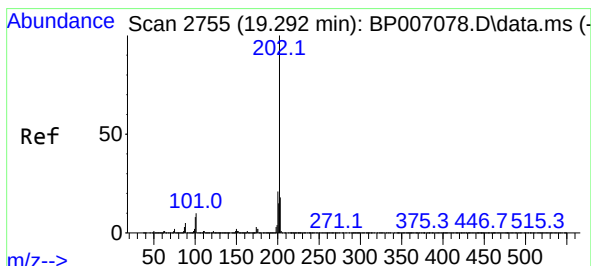
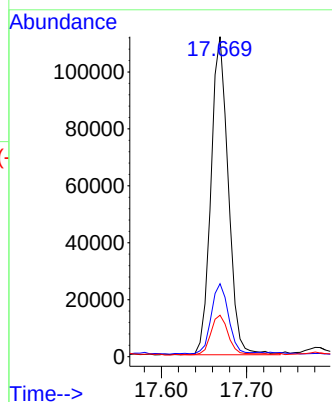
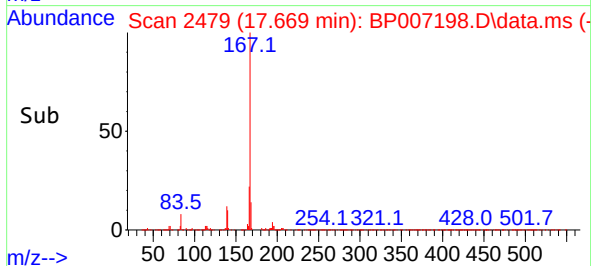
Instrument :
 BNA_P
 ClientSampleId :
 TP-6DL



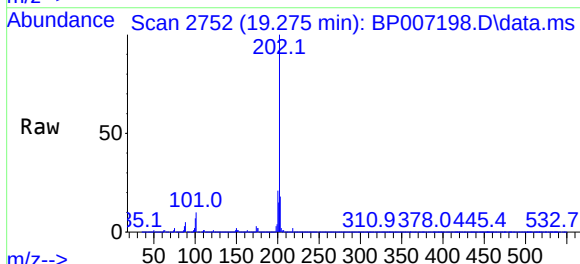
Tgt Ion:167 Resp: 157744
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.1 25.7
 139 12.9 10.7 16.1

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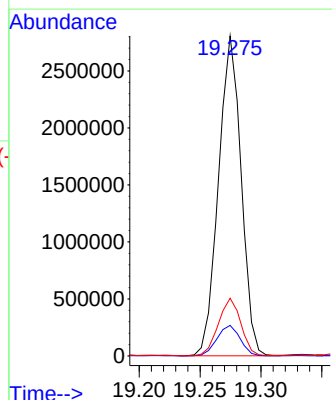
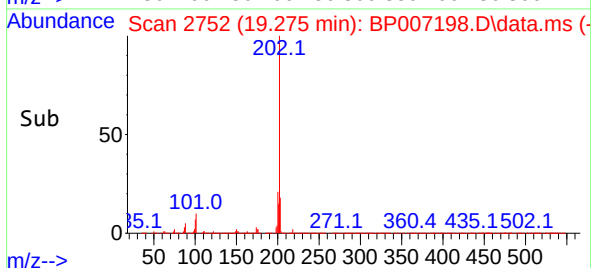
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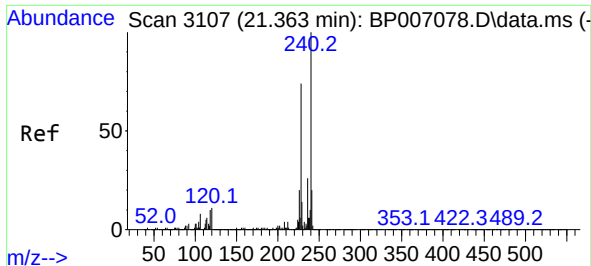


#75
 Fluoranthene
 Concen: 51.37 ng
 RT: 19.275 min Scan# 2752
 Delta R.T. -0.006 min
 Lab File: BP007198.D
 Acq: 25 Sep 2021 21:49



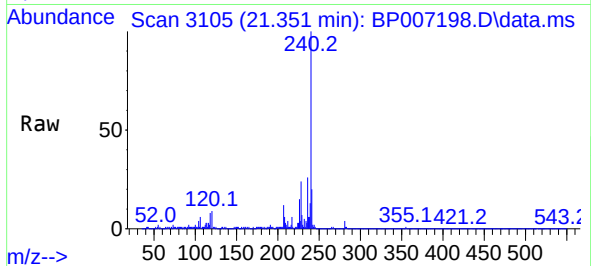
Tgt Ion:202 Resp: 3632410
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 27.6
 203 18.0 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

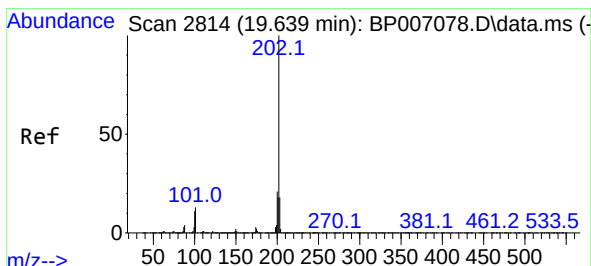
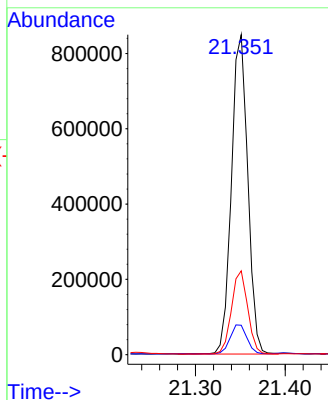
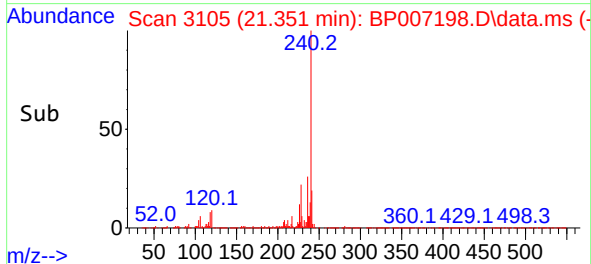
Instrument :
BNA_P
ClientSampled :
TP-6DL



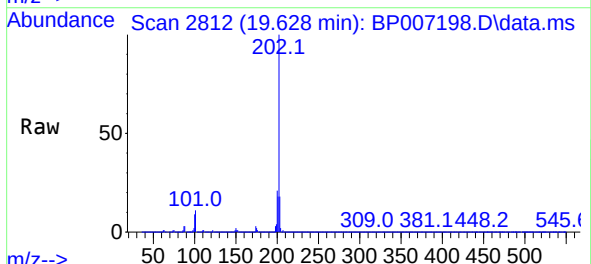
Tgt Ion:240 Resp: 1073354
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 26.2 20.6 31.0

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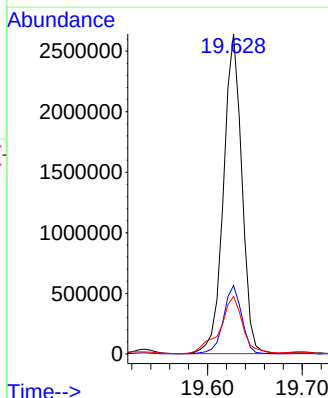
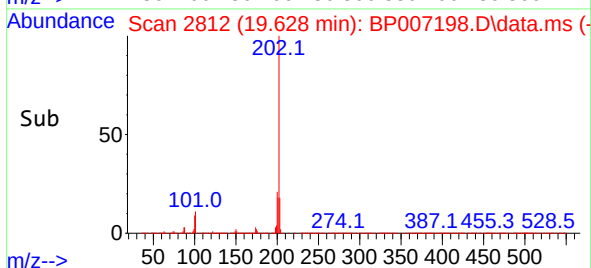
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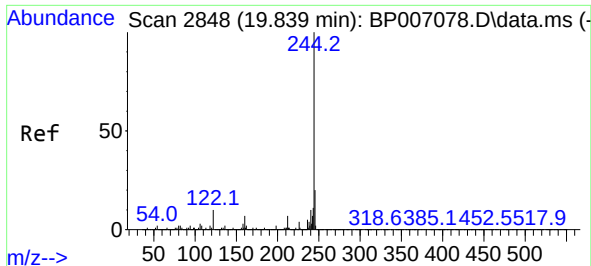


#78
Pyrene
Concen: 50.31 ng
RT: 19.628 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49



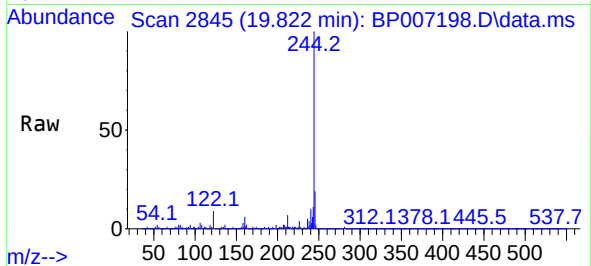
Tgt Ion:202 Resp: 3543158
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 17.9 14.2 21.2





#79
Terphenyl-d14
Concen: 29.32 ng
RT: 19.822 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

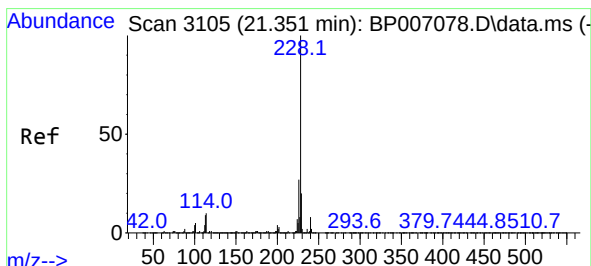
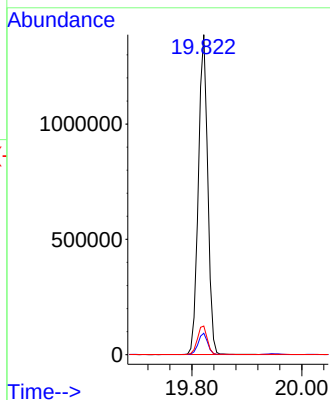
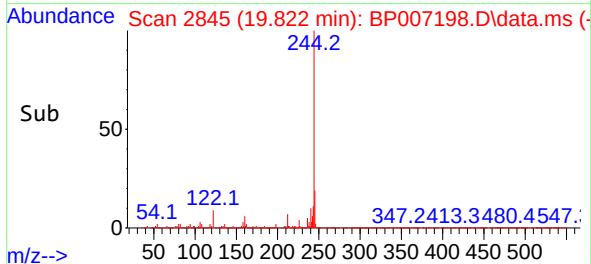
Instrument :
BNA_P
ClientSampled :
TP-6DL



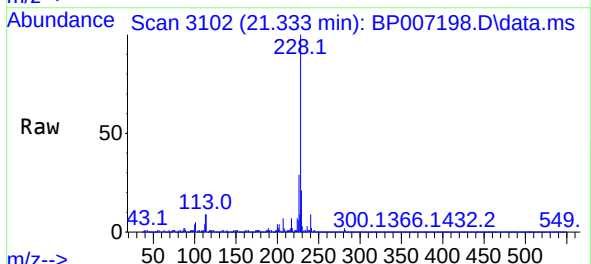
Tgt Ion:244 Resp: 1642478
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 9.0 7.1 10.7

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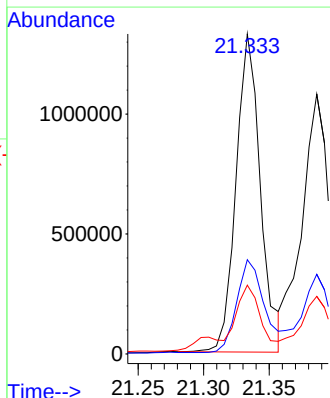
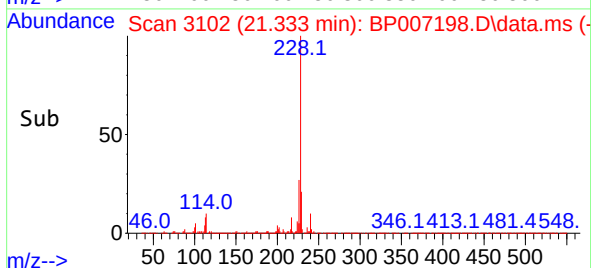
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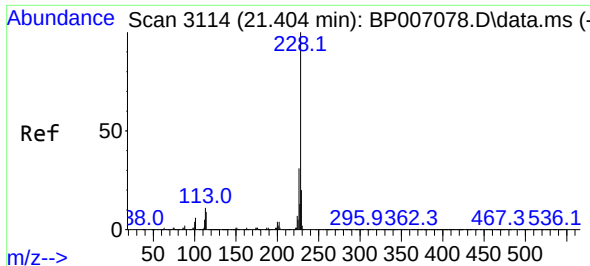


#81
Benzo(a)anthracene
Concen: 24.58 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49



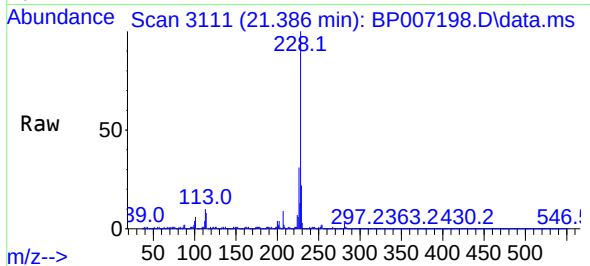
Tgt Ion:228 Resp: 1712668
Ion Ratio Lower Upper
228 100
226 29.5 21.6 32.4
229 21.5 15.8 23.6





#83
Chrysene
Concen: 23.27 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

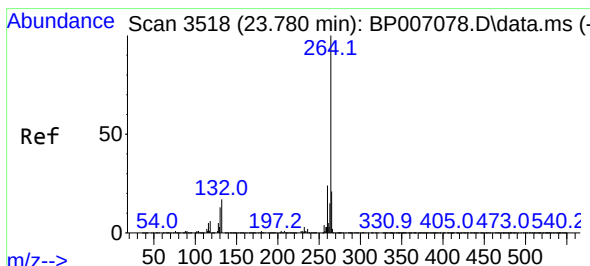
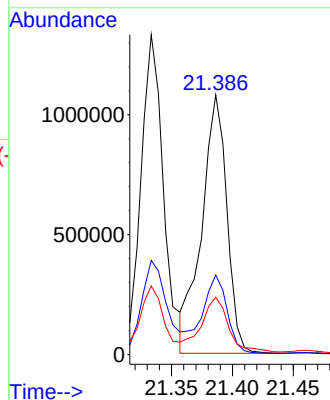
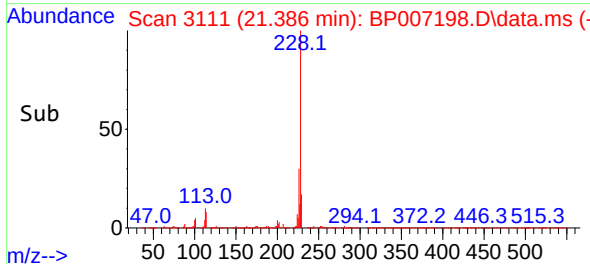
Instrument :
BNA_P
ClientSampled :
TP-6DL



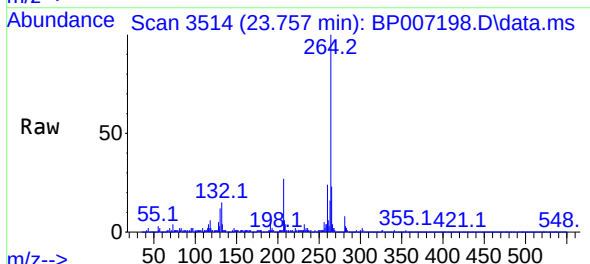
Tgt Ion:228 Resp: 1549514
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 22.2 15.4 23.2

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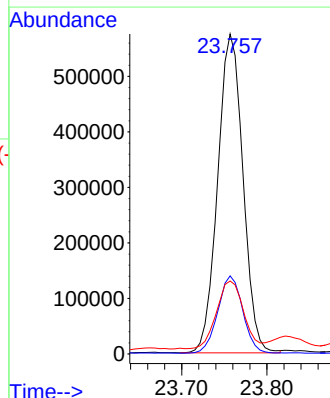
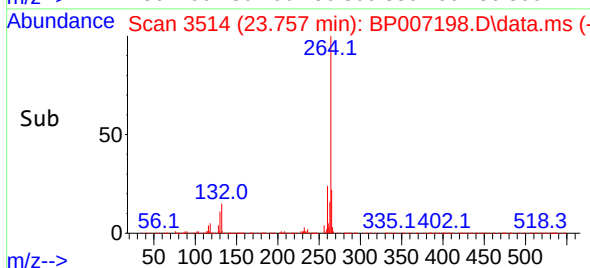
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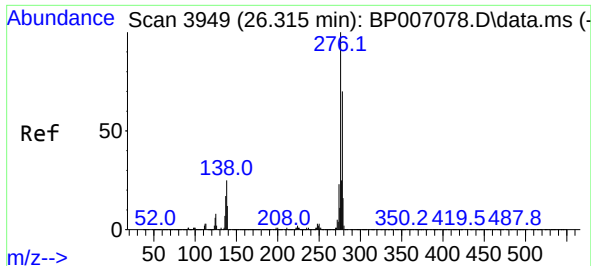


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49



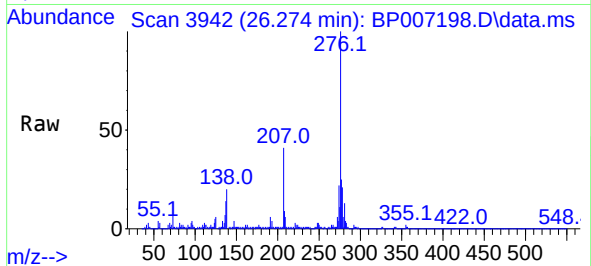
Tgt Ion:264 Resp: 1183531
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.8 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 14.14 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.029 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

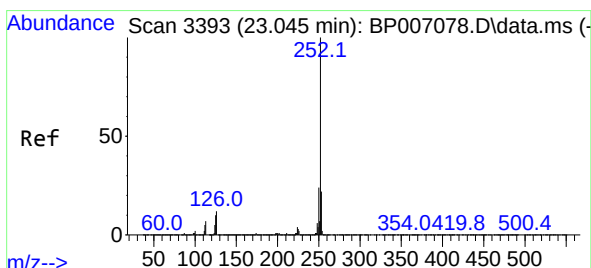
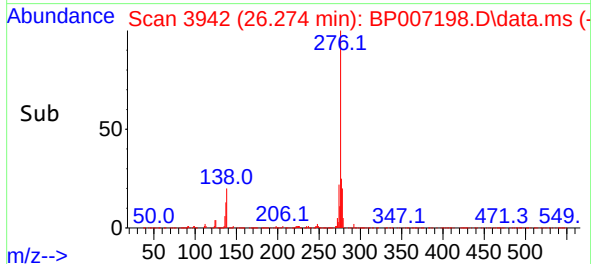
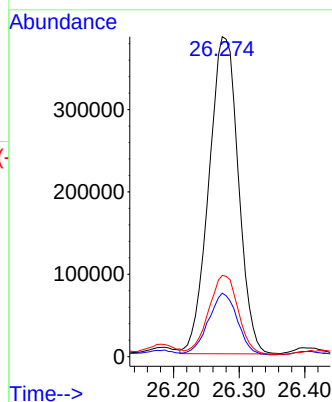
Instrument :
BNA_P
ClientSampled :
TP-6DL



Tgt Ion:276 Resp: 1202436
Ion Ratio Lower Upper
276 100
138 19.2 15.3 22.9
277 25.1 20.4 30.6

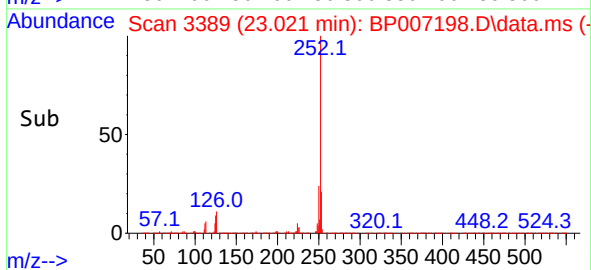
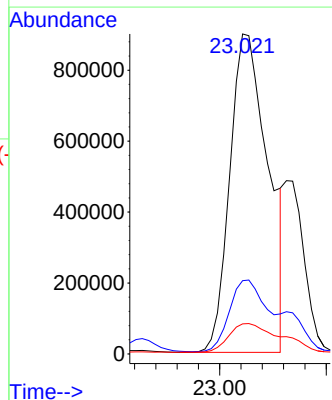
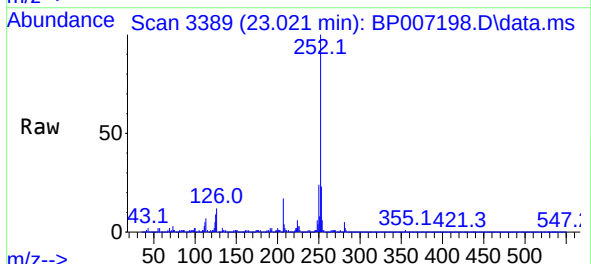
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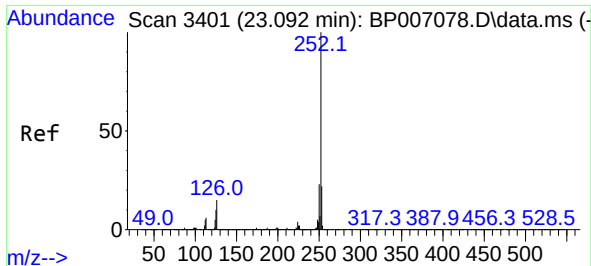
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#88
Benzo(b)fluoranthene
Concen: 31.78 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.012 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Tgt Ion:252 Resp: 2247631
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.4 6.2 9.4#





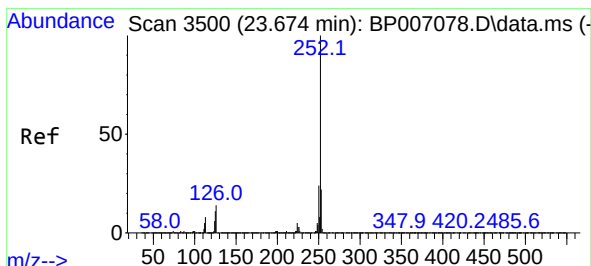
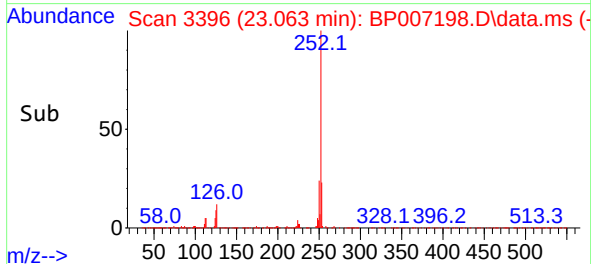
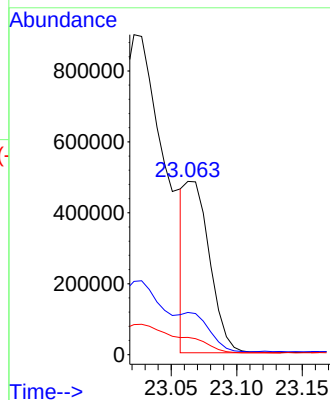
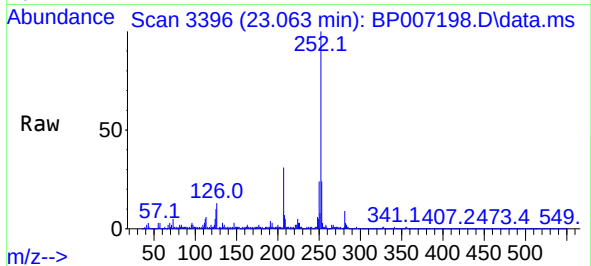
#89
Benzo(k)fluoranthene
Concen: 8.85 ng m
RT: 23.063 min Scan# 3396
Delta R.T. -0.024 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

Instrument :
BNA_P
ClientSampleId :
TP-6DL

Tgt Ion:252 Resp: 633501
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 9.9 6.0 9.0#

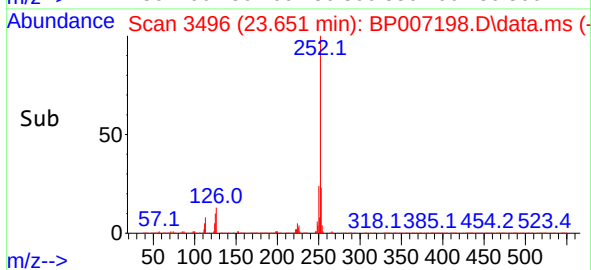
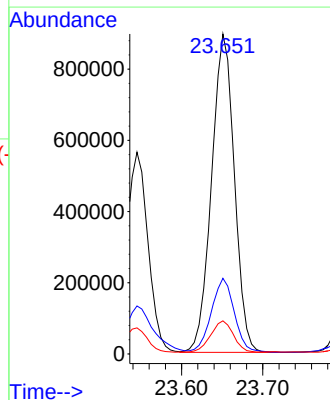
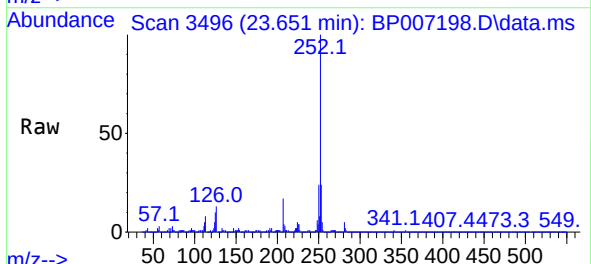
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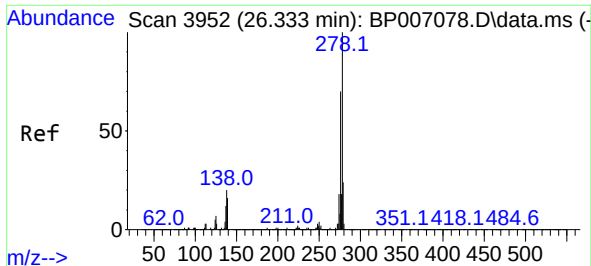
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#90
Benzo(a)pyrene
Concen: 29.07 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.018 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

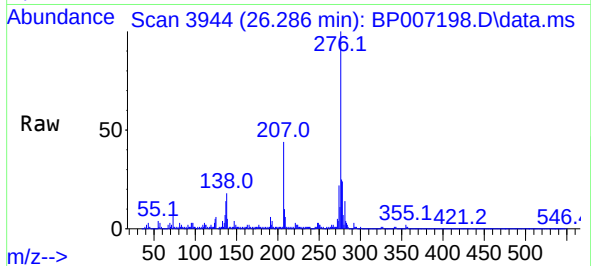
Tgt Ion:252 Resp: 1746950
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 10.3 6.5 9.7#





#91
Dibenzo(a,h)anthracene
Concen: 4.13 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.029 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49

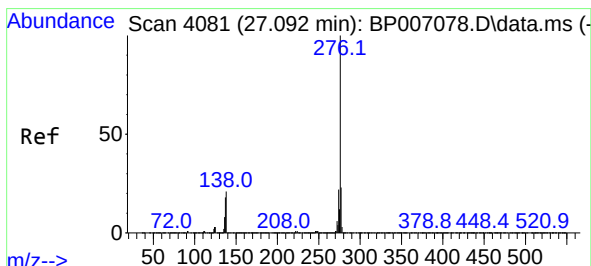
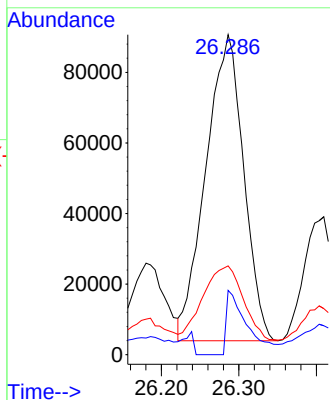
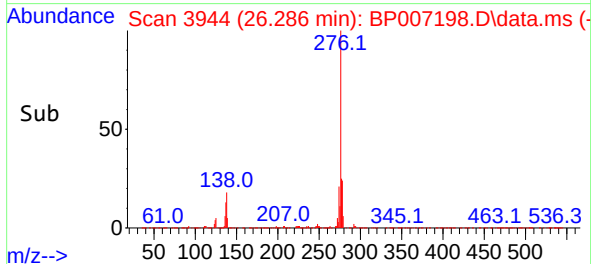
Instrument :
BNA_P
ClientSampled :
TP-6DL



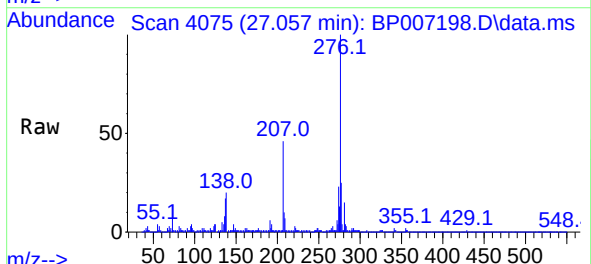
Tgt Ion:278 Resp: 294225
Ion Ratio Lower Upper
278 100
139 20.1 9.3 13.9#
279 27.7 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 17.54 ng
RT: 27.057 min Scan# 4075
Delta R.T. -0.018 min
Lab File: BP007198.D
Acq: 25 Sep 2021 21:49



Tgt Ion:276 Resp: 1220255
Ion Ratio Lower Upper
276 100
277 24.8 18.9 28.3
138 19.6 12.6 18.8#

