

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
 Data File : BP007196.D
 Acq On : 25 Sep 2021 20:41
 Operator : CG/JU
 Sample : M3913-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-092321

Manual Integrations
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Quant Time: Sep 26 02:16:30 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	214845	20.00	ng	-0.01
21) Naphthalene-d8	10.681	136	853705	20.00	ng	#-0.01
39) Acenaphthene-d10	14.510	164	546560	20.00	ng	-0.02
64) Phenanthrene-d10	17.263	188	1150598	20.00	ng	-0.01
76) Chrysene-d12	21.345	240	1139980	20.00	ng	#-0.01
86) Perylene-d12	23.757	264	1261664	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	579176	45.13	ng	0.00
7) Phenol-d6	7.052	99	741268	42.26	ng	-0.01
23) Nitrobenzene-d5	9.040	82	426694	29.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	342546	48.34	ng	-0.01
45) 2-Fluorobiphenyl	13.134	172	1105535	28.98	ng	-0.02
79) Terphenyl-d14	19.822	244	1694496	28.48	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.728	128	480912	11.04	ng	100
37) 2-Methylnaphthalene	12.340	142	63872	2.09	ng	98
49) Acenaphthylene	14.234	152	163947	3.38	ng	99
71) Phenanthrene	17.304	178	655123	10.62	ng	100
72) Anthracene	17.392	178	281984	4.67	ng	99
75) Fluoranthene	19.275	202	1729545	24.33	ng	98
78) Pyrene	19.622	202	1659438	22.19	ng	99
81) Benzo(a)anthracene	21.333	228	1074366	14.52	ng	93
83) Chrysene	21.386	228	976528m	13.81	ng	
87) Indeno(1,2,3-cd)pyrene	26.274	276	678047	7.48	ng	100
88) Benzo(b)fluoranthene	23.022	252	1270296	16.85	ng	# 93
89) Benzo(k)fluoranthene	23.063	252	457281m	5.99	ng	
90) Benzo(a)pyrene	23.651	252	1053626	16.45	ng	# 96
91) Dibenzo(a,h)anthracene	26.286	278	187224	2.46	ng	# 79
92) Benzo(g,h,i)perylene	27.051	276	645728	8.71	ng	# 94

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

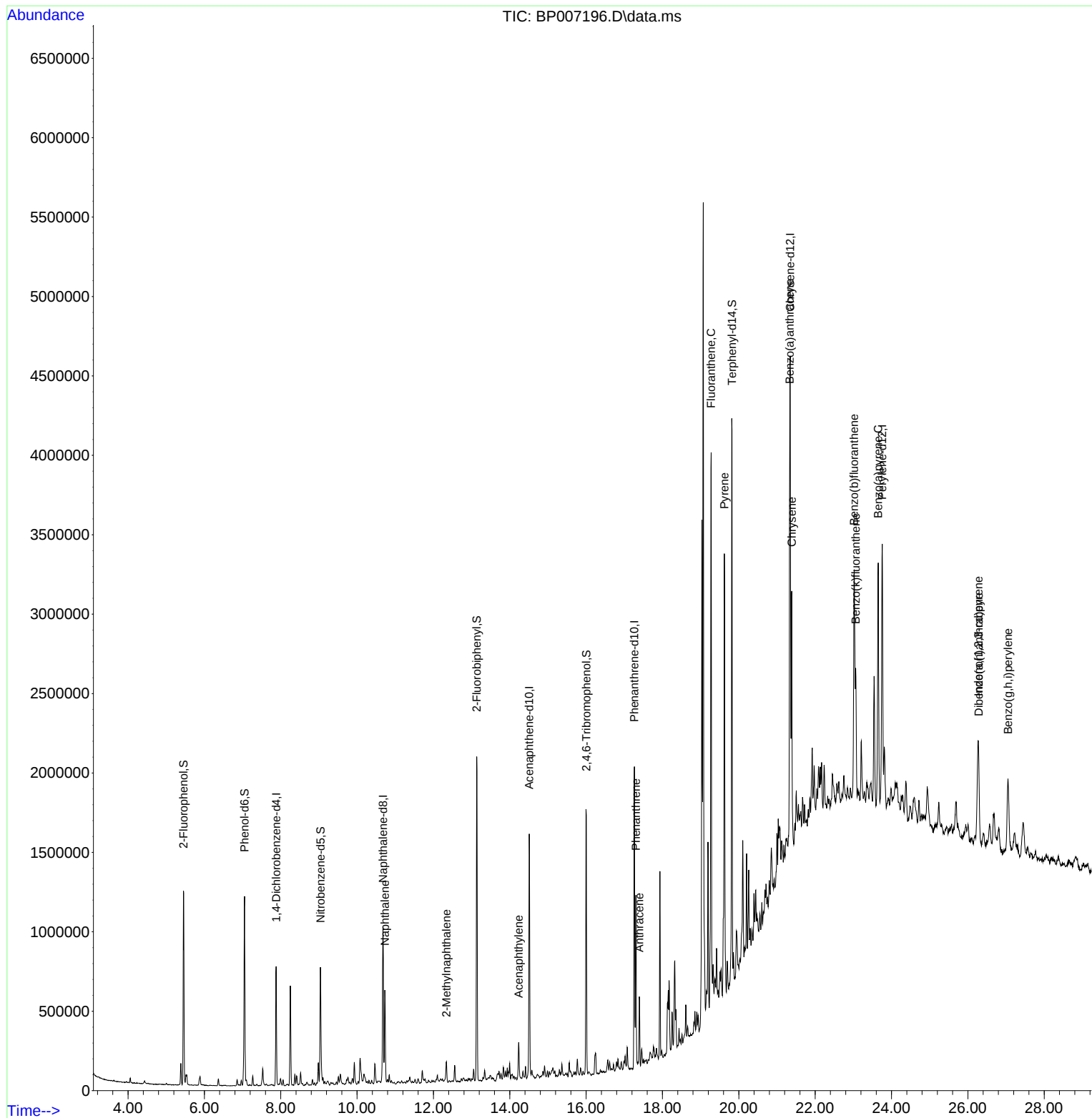
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007196.D
Acq On : 25 Sep 2021 20:41
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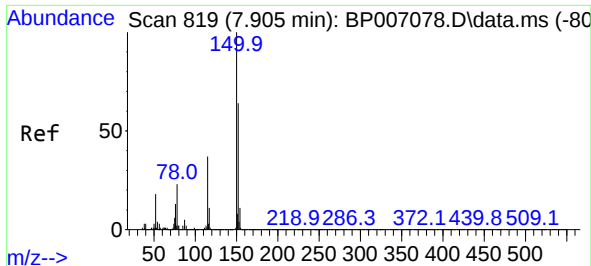
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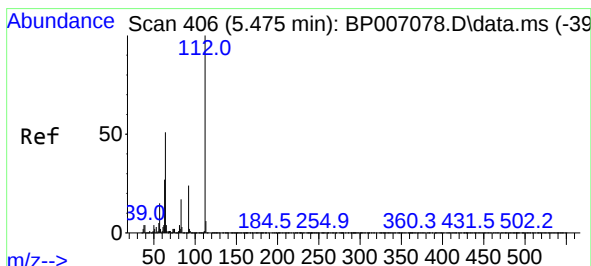
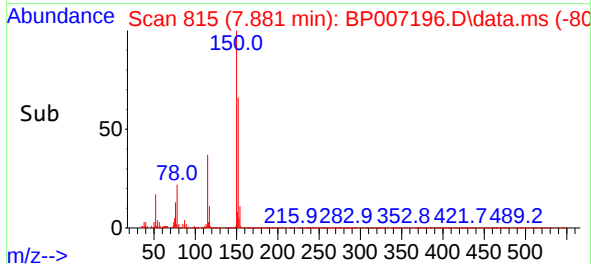
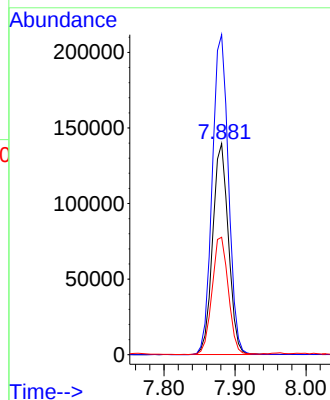
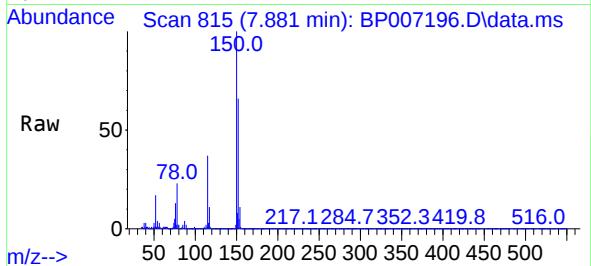
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

Tgt Ion:152 Resp: 214845
Ion Ratio Lower Upper
152 100
150 151.6 125.6 188.4
115 55.7 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

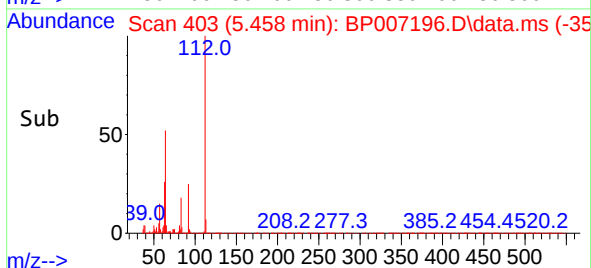
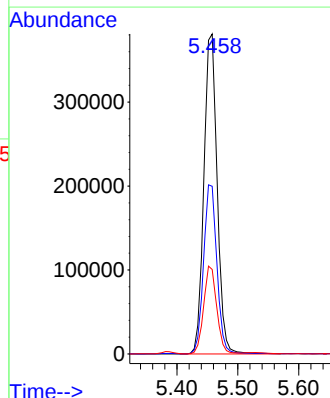
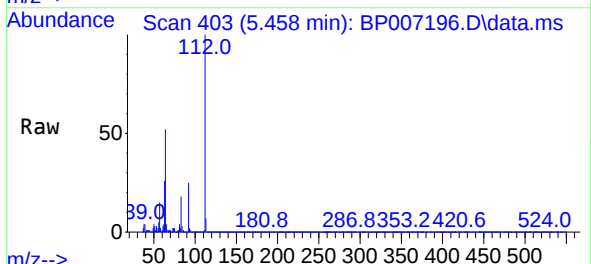
Manual Integrations
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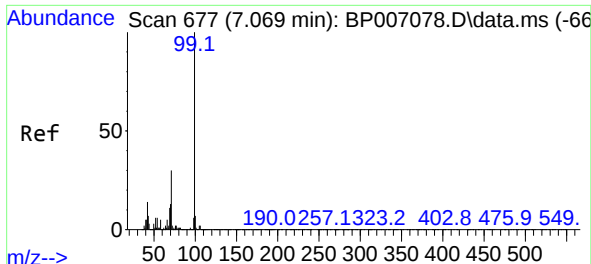
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#5
2-Fluorophenol
Concen: 45.13 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

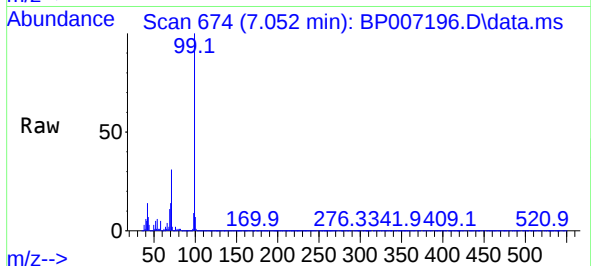
Tgt Ion:112 Resp: 579176
Ion Ratio Lower Upper
112 100
64 52.4 41.4 62.2
63 26.4 23.8 35.8





#7
Phenol-d6
Concen: 42.26 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

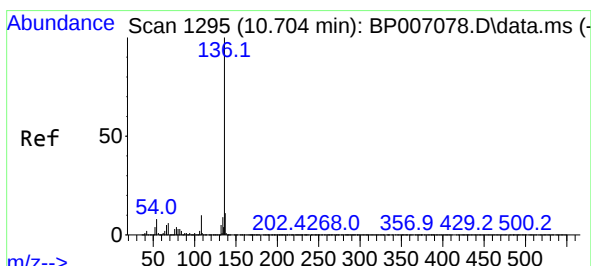
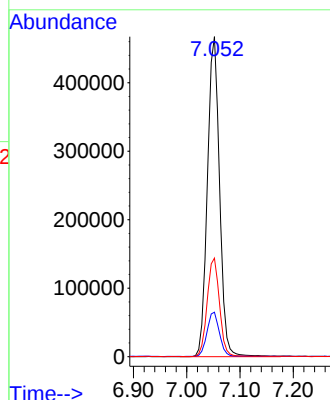
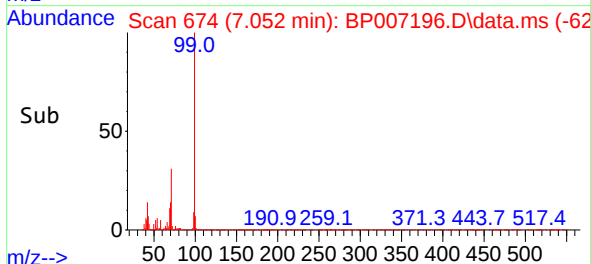
Instrument :
BNA_P
ClientSampleId :
TR-05-092321



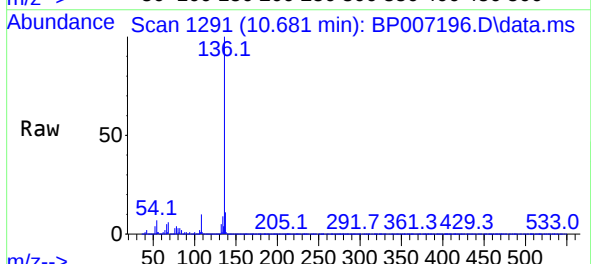
Tgt Ion: 99 Resp: 741268
Ion Ratio Lower Upper
99 100
42 13.9 13.4 20.0
71 30.8 30.6 46.0

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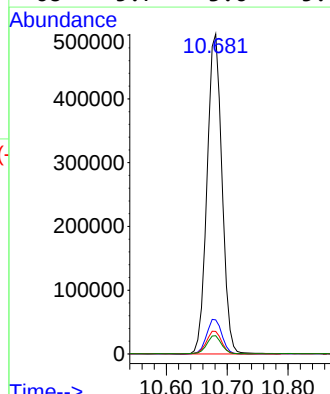
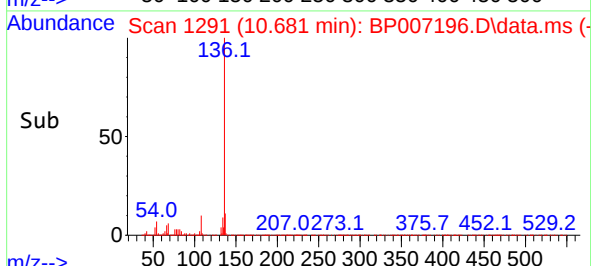
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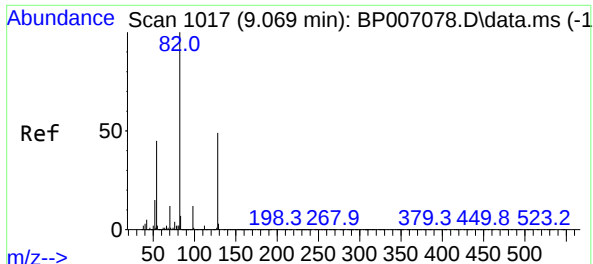


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41



Tgt Ion: 136 Resp: 853705
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.1 4.6 6.8#
68 5.7 3.6 5.4#





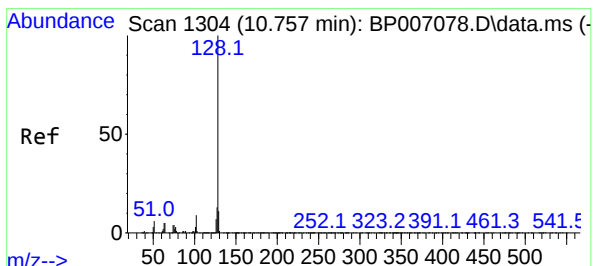
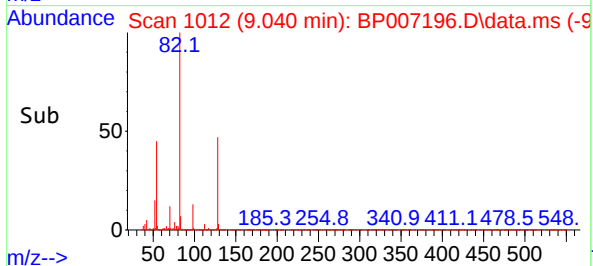
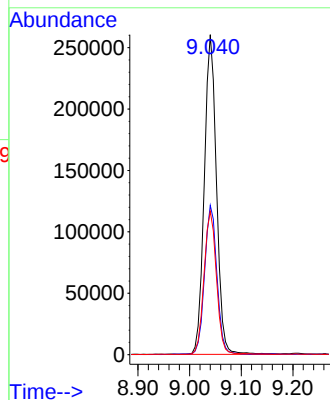
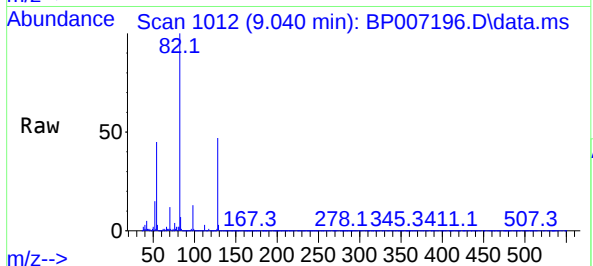
#23
Nitrobenzene-d5
Concen: 29.11 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.018 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

Tgt Ion: 82 Resp: 426694
Ion Ratio Lower Upper
82 100
128 46.6 35.7 53.5
54 44.8 35.0 52.4

Instrument :
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ClientSampleId :
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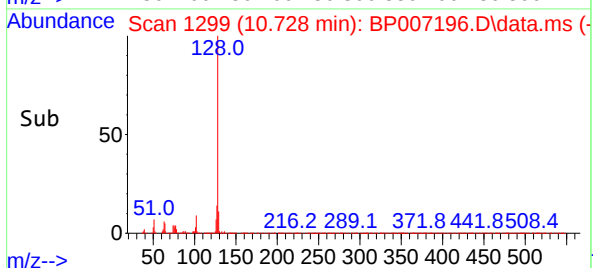
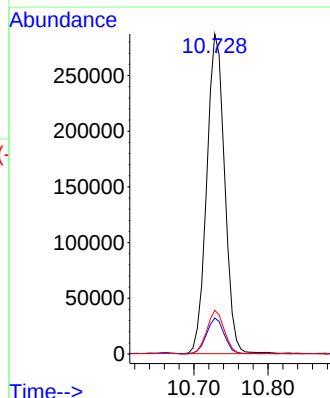
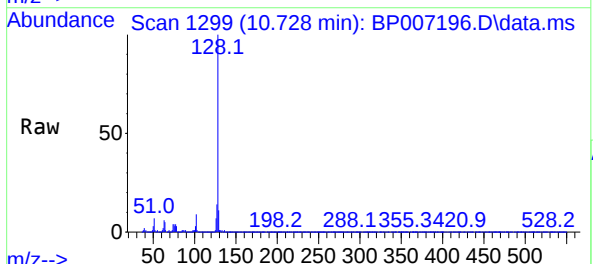
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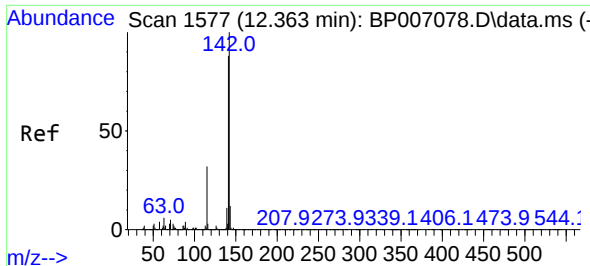
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#31
Naphthalene
Concen: 11.04 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

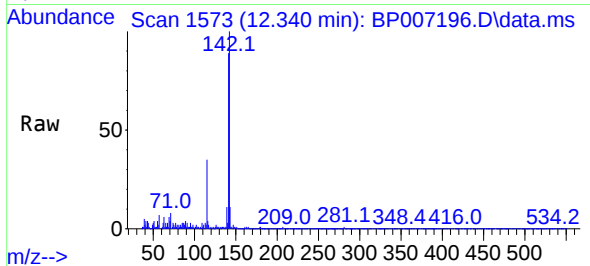
Tgt Ion: 128 Resp: 480912
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.7 10.7 16.1





#37
2-Methylnaphthalene
Concen: 2.09 ng
RT: 12.340 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

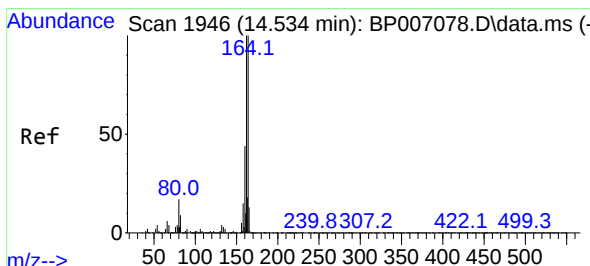
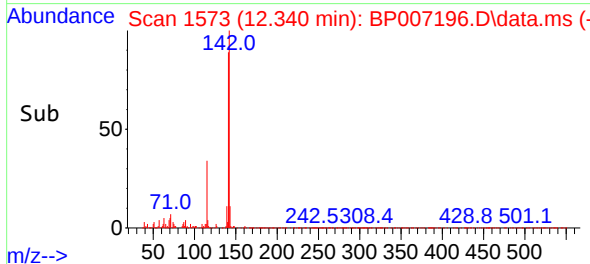
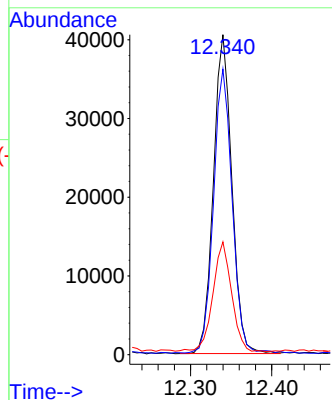
Instrument :
BNA_P
ClientSampleId :
TR-05-092321



Tgt Ion:142 Resp: 63872
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6
115 35.3 31.6 47.4

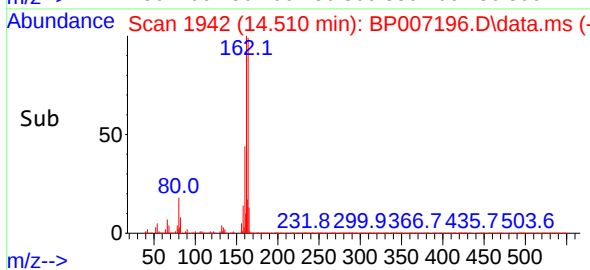
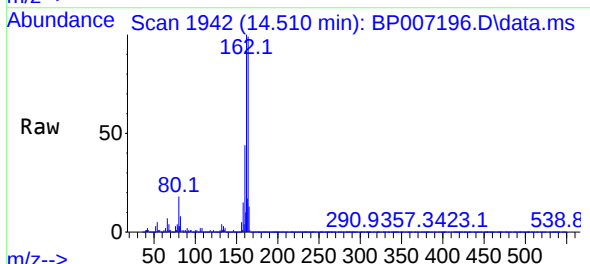
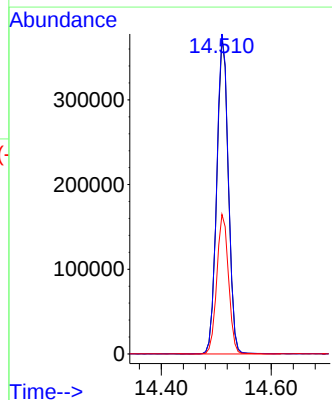
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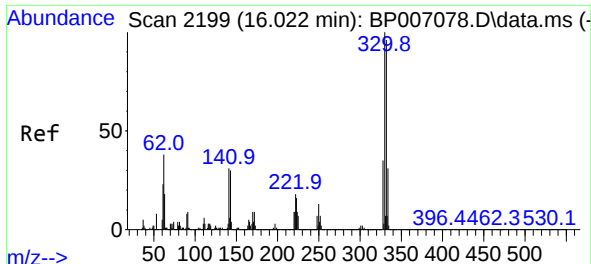
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

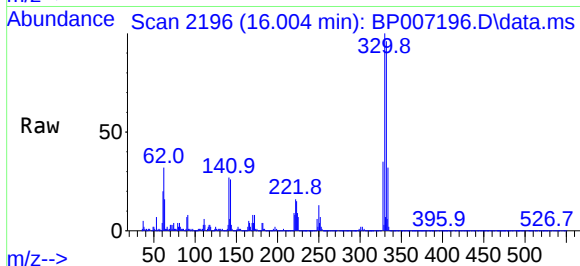
Tgt Ion:164 Resp: 546560
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 44.1 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 48.34 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

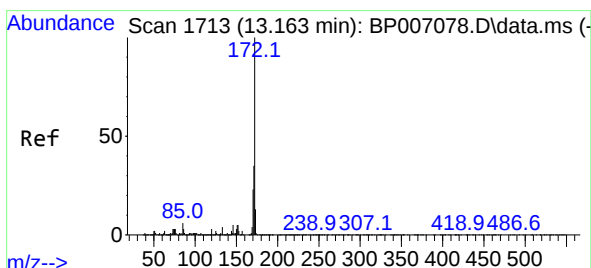
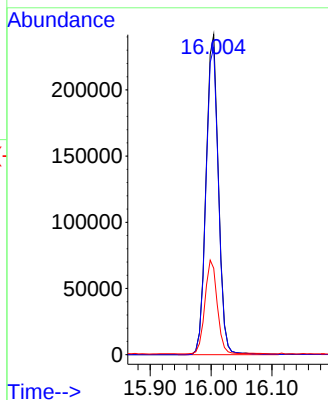
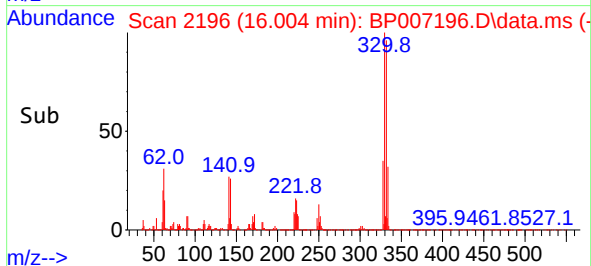
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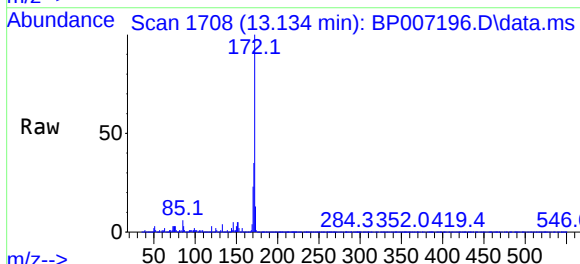
Tgt Ion:330 Resp: 342546
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 29.0 25.4 38.2

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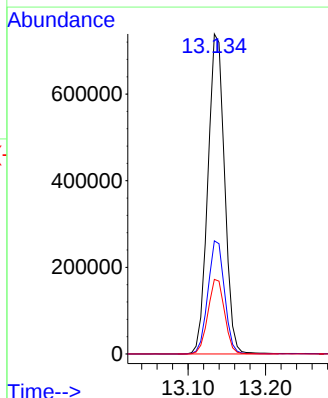
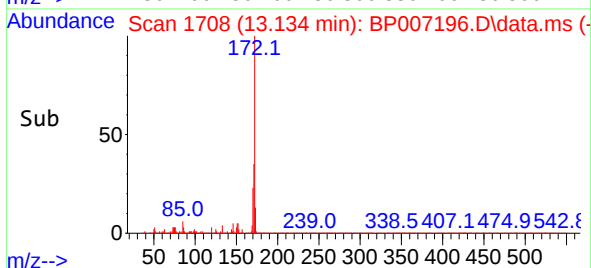
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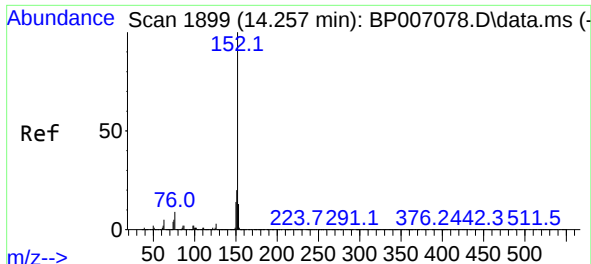


#45
2-Fluorobiphenyl
Concen: 28.98 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.018 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41



Tgt Ion:172 Resp: 1105535
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8





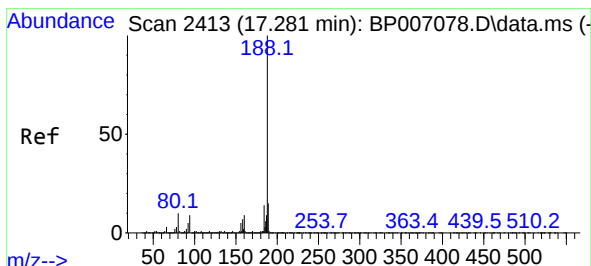
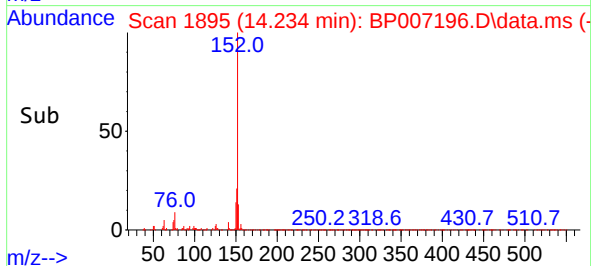
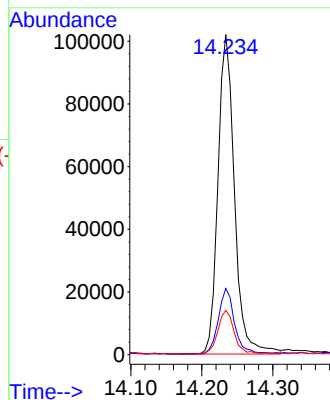
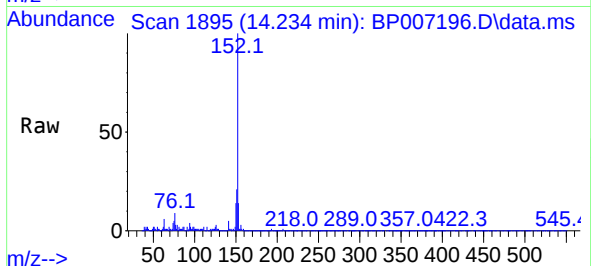
#49
Acenaphthylene
Concen: 3.38 ng
RT: 14.234 min Scan# 1895
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

Tgt Ion:152 Resp: 163947
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.8 10.6 16.0

Instrument :
BNA_P
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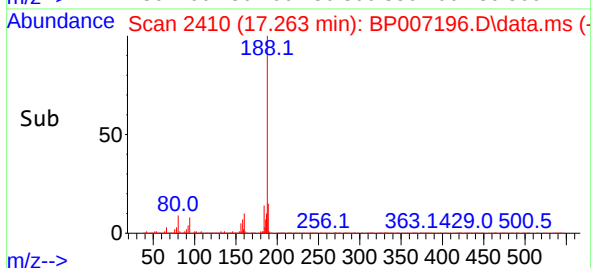
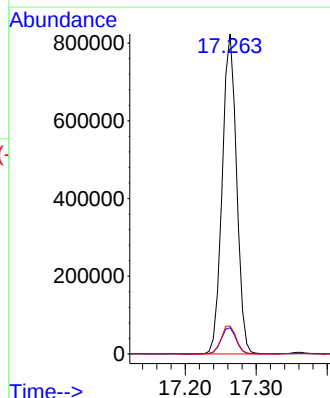
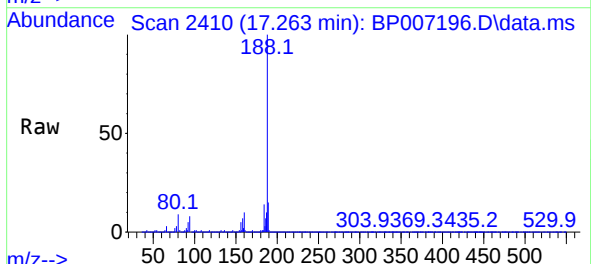
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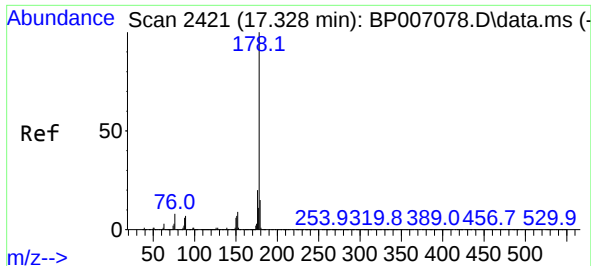
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

Tgt Ion:188 Resp: 1150598
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 8.7 6.3 9.5





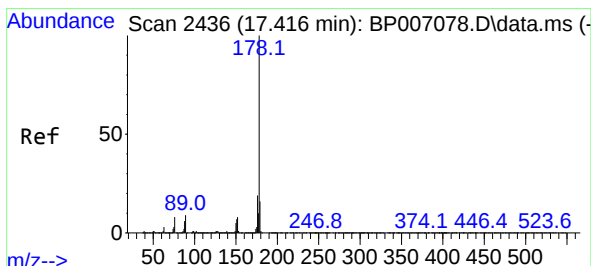
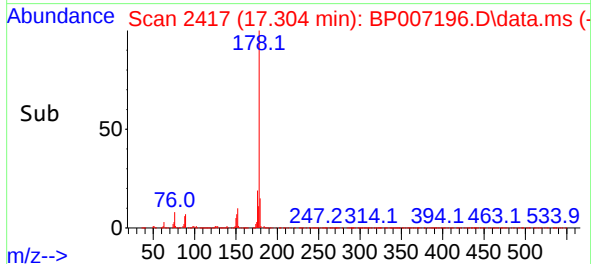
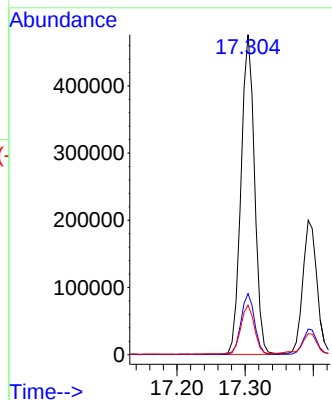
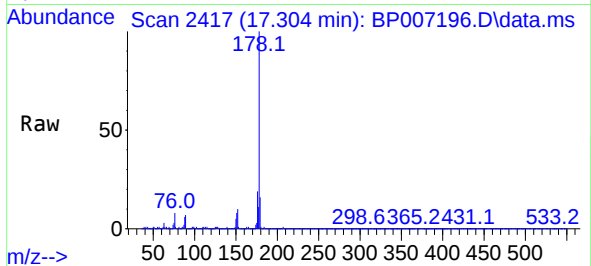
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Phenanthrene
Concen: 10.62 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

Tgt Ion:178 Resp: 655123
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.5 12.4 18.6

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

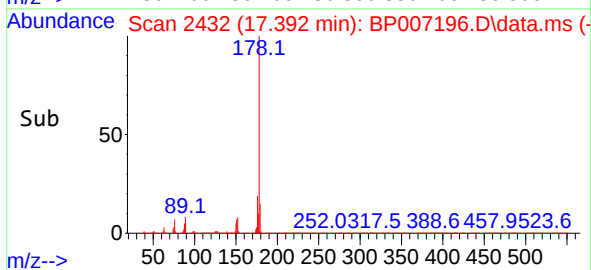
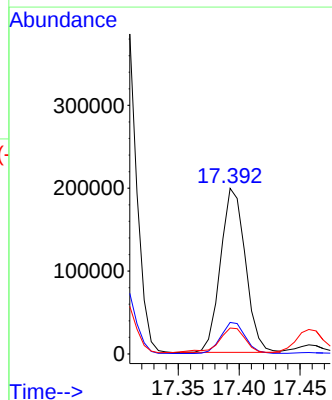
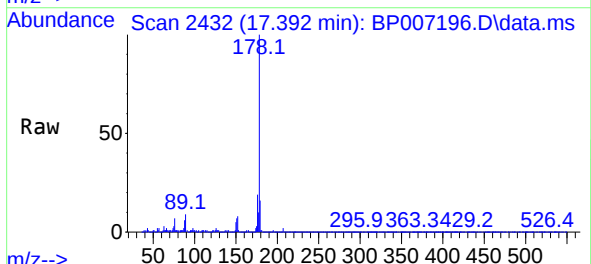
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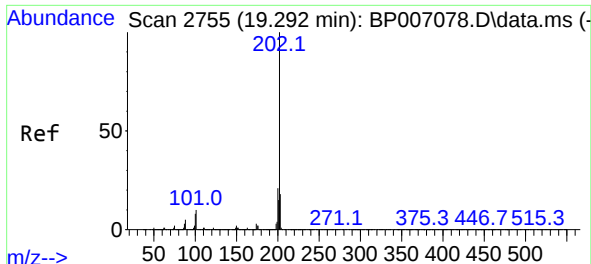
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#72
Anthracene
Concen: 4.67 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.018 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

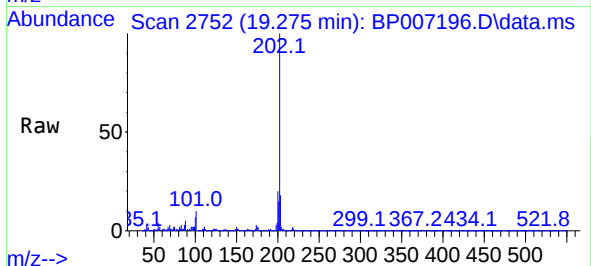
Tgt Ion:178 Resp: 281984
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.2 18.2





#75
Fluoranthene
Concen: 24.33 ng
RT: 19.275 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

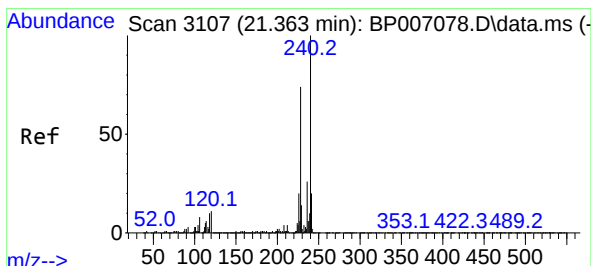
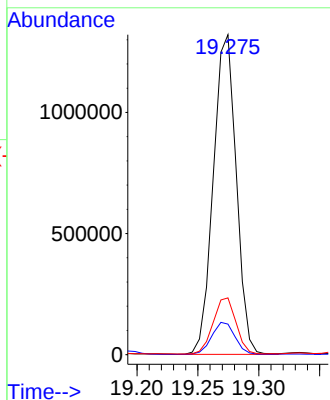
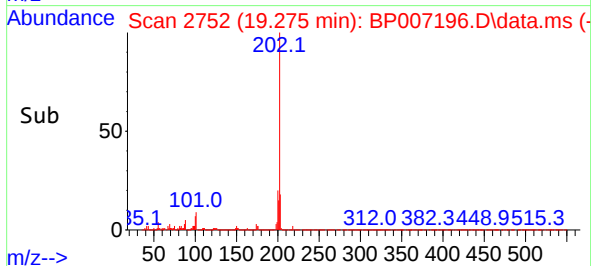
Instrument :
BNA_P
ClientSampleId :
TR-05-092321



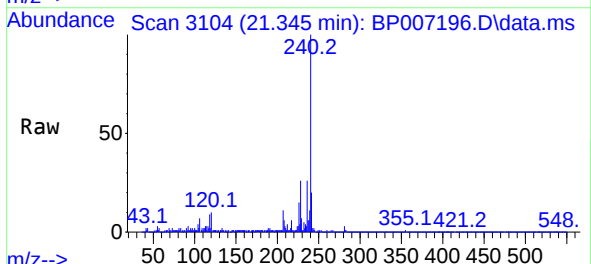
Tgt Ion:202 Resp: 1729545
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.6
203 17.8 0.0 37.8

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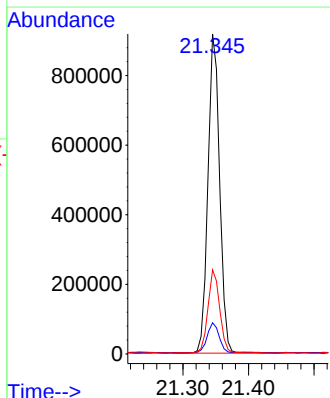
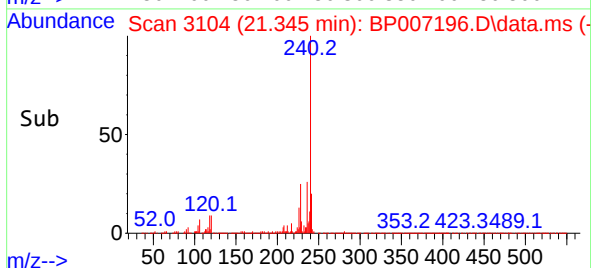
mohammad
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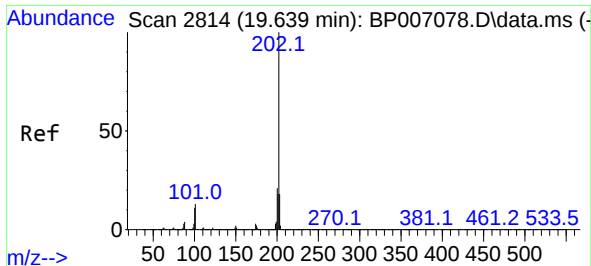


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41



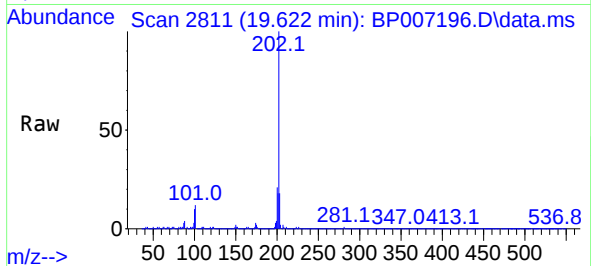
Tgt Ion:240 Resp: 1139980
Ion Ratio Lower Upper
240 100
120 9.8 6.5 9.7#
236 26.3 20.6 31.0





#78
Pyrene
Concen: 22.19 ng
RT: 19.622 min Scan# 2811
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

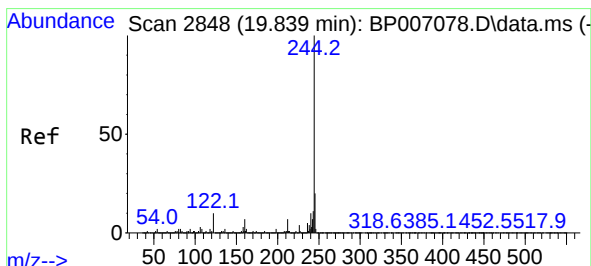
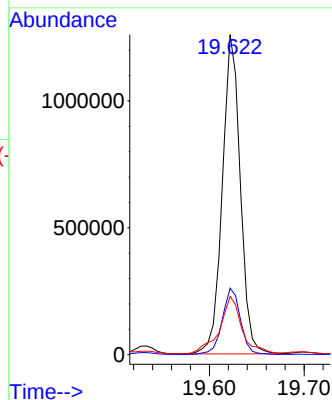
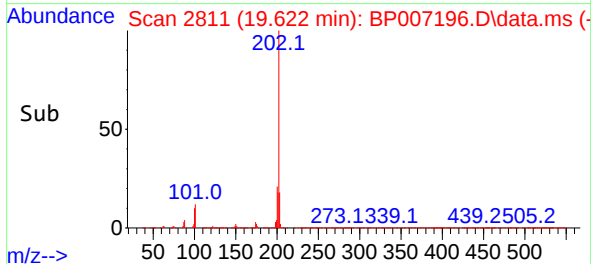
Instrument :
BNA_P
ClientSampleId :
TR-05-092321



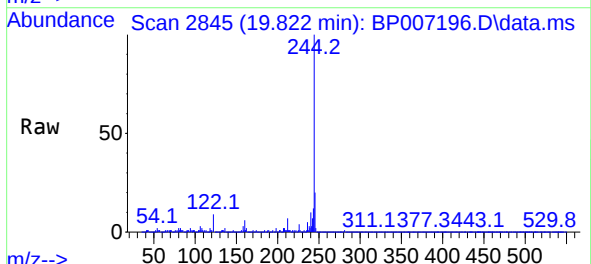
Tgt Ion:202 Resp: 1659438
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 18.2 14.2 21.2

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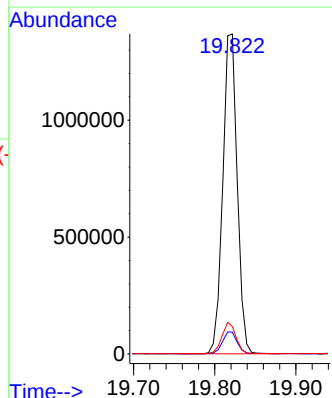
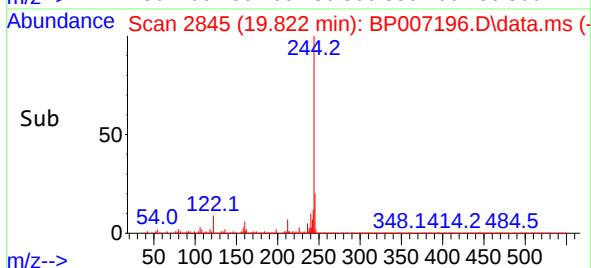
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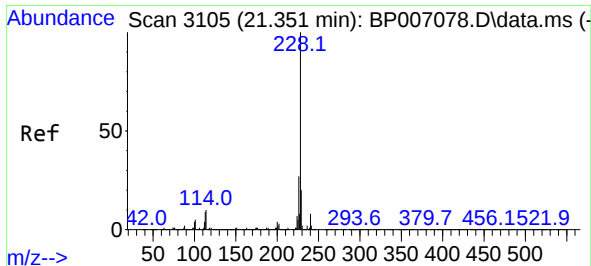


#79
Terphenyl-d14
Concen: 28.48 ng
RT: 19.822 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41



Tgt Ion:244 Resp: 1694496
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 8.6 7.1 10.7





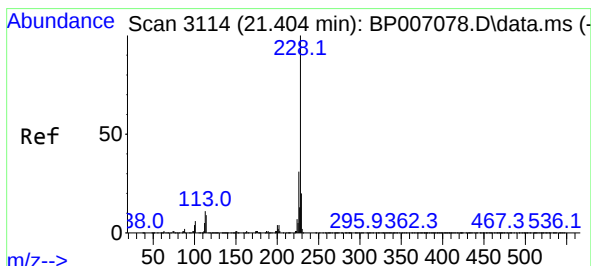
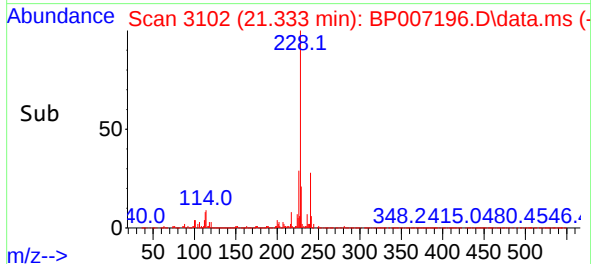
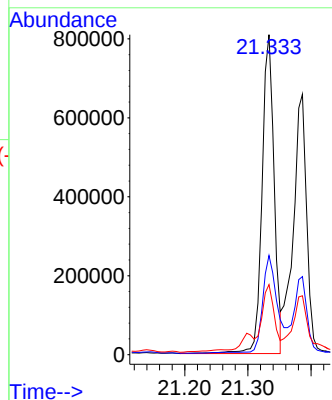
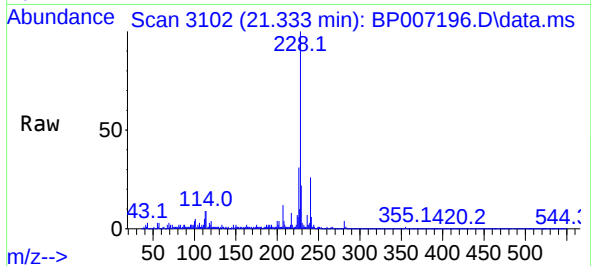
#81
Benzo(a)anthracene
Concen: 14.52 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

Tgt Ion:228 Resp: 1074366
Ion Ratio Lower Upper
228 100
226 31.0 21.6 32.4
229 21.9 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
TR-05-092321

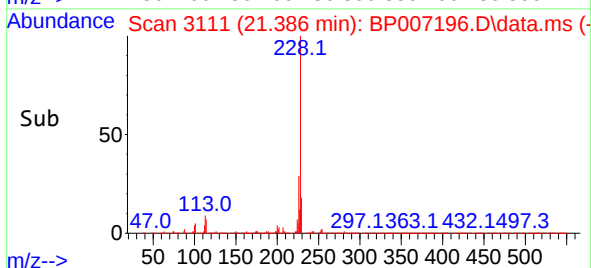
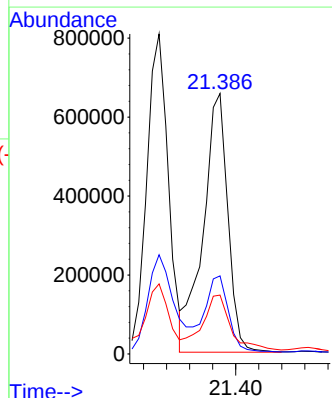
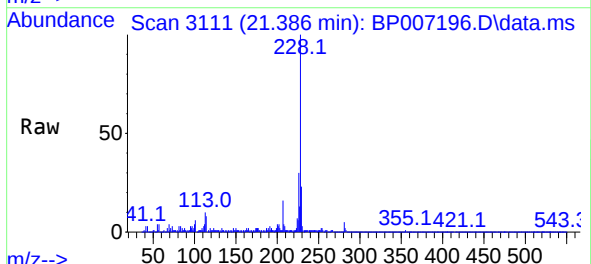
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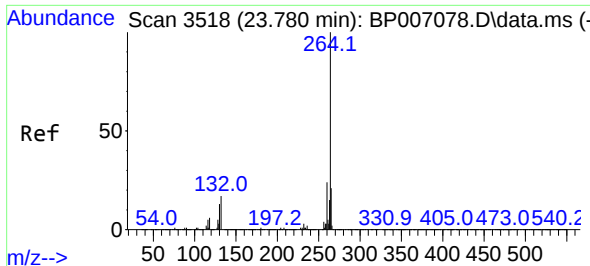
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#83
Chrysene
Concen: 13.81 ng m
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

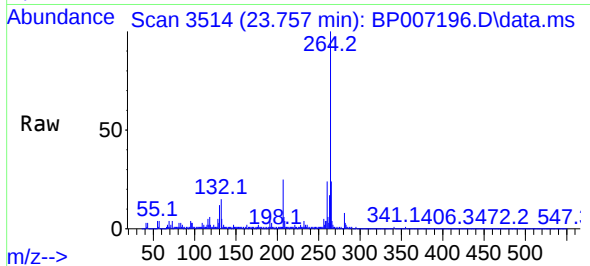
Tgt Ion:228 Resp: 976528
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 22.6 15.4 23.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

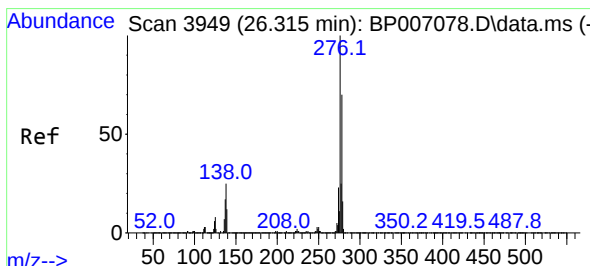
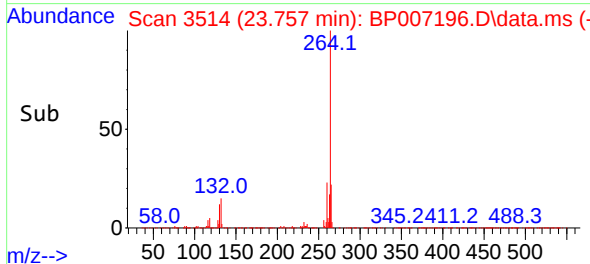
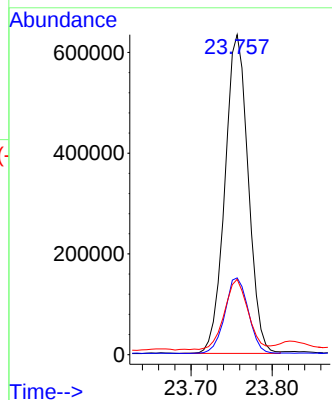
Instrument :
BNA_P
ClientSampleId :
TR-05-092321



Tgt Ion:264 Resp: 1261664
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 23.6 17.6 26.4

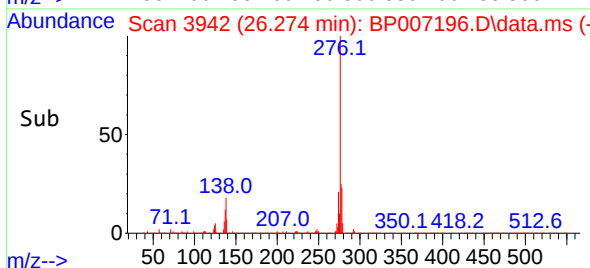
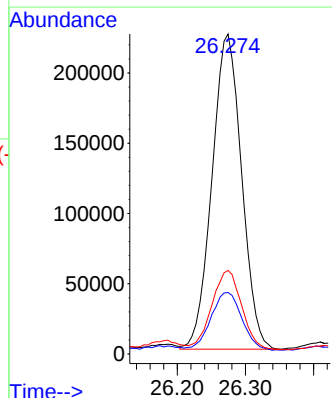
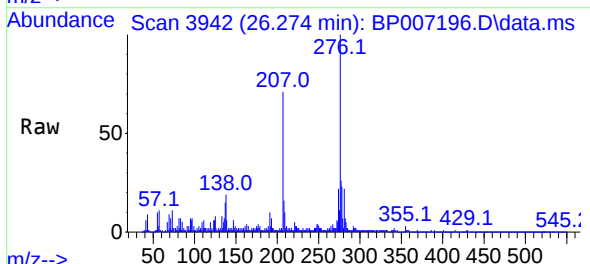
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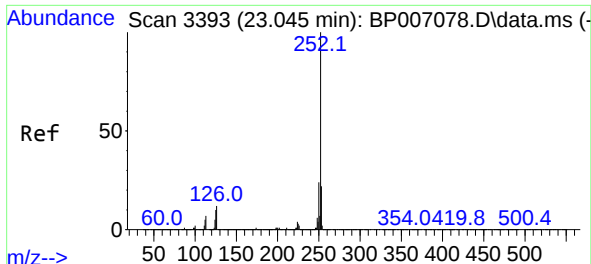
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.48 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.029 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

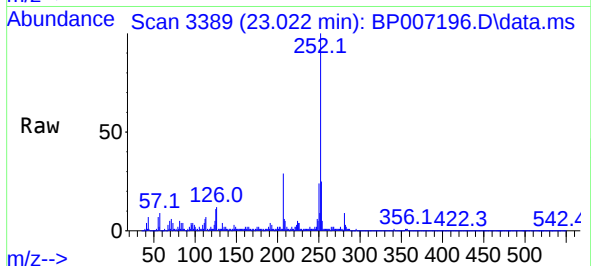
Tgt Ion:276 Resp: 678047
Ion Ratio Lower Upper
276 100
138 19.1 15.3 22.9
277 25.3 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 16.85 ng
RT: 23.022 min Scan# 3389
Delta R.T. -0.012 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

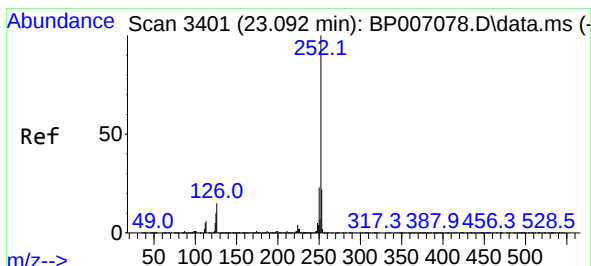
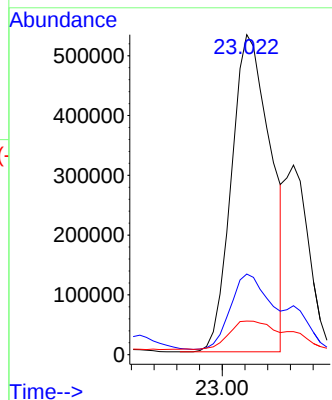
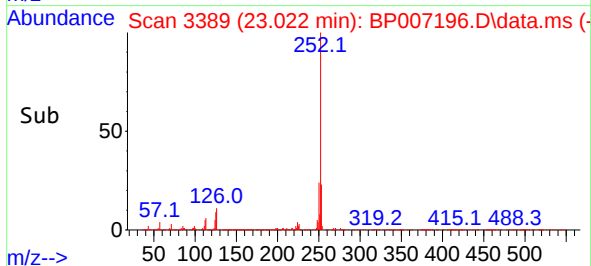
Instrument :
BNA_P
ClientSampleId :
TR-05-092321



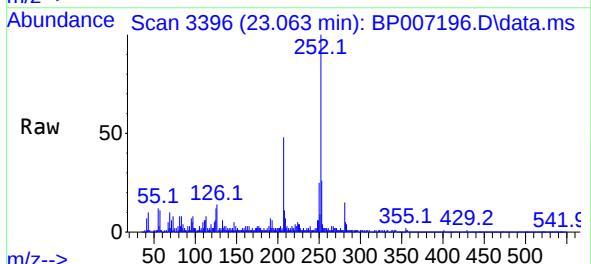
Tgt Ion:252 Resp: 1270296
Ion Ratio Lower Upper
252 100
253 25.2 17.5 26.3
125 10.5 6.2 9.4#

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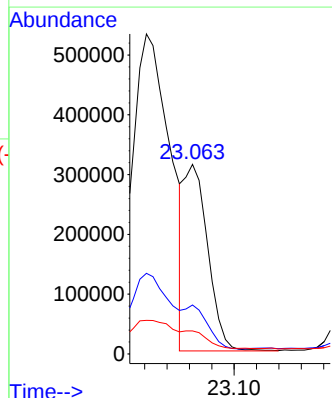
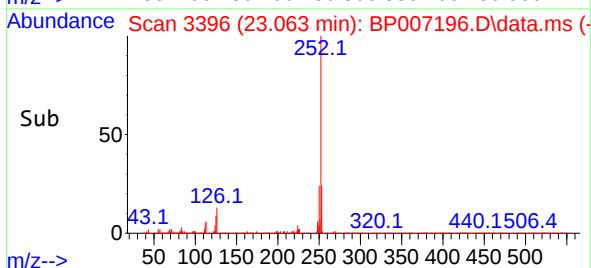
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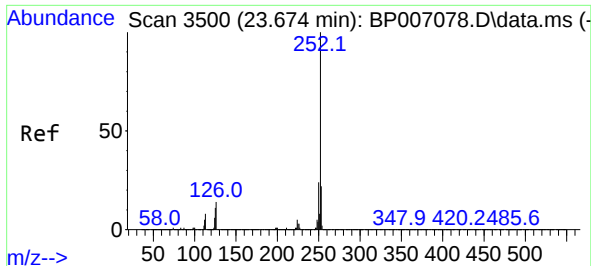


#89
Benzo(k)fluoranthene
Concen: 5.99 ng m
RT: 23.063 min Scan# 3396
Delta R.T. -0.023 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41



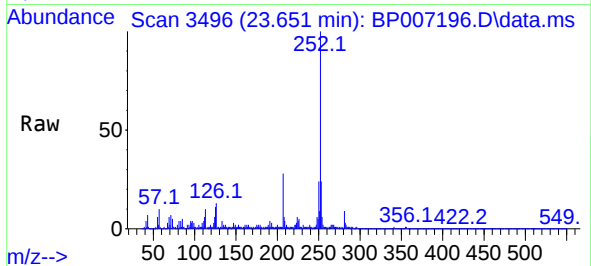
Tgt Ion:252 Resp: 457281
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 12.1 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 16.45 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.018 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

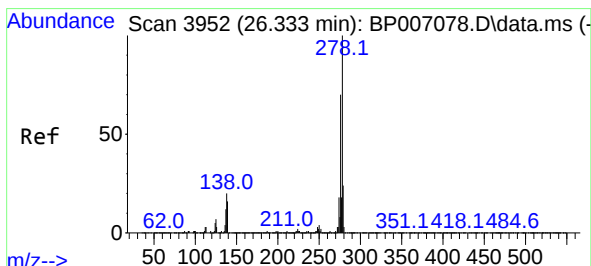
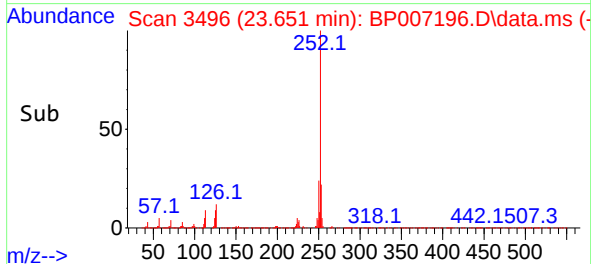
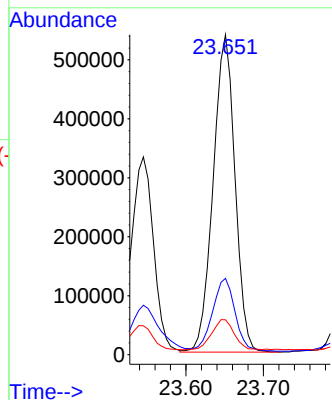
Instrument :
BNA_P
ClientSampleId :
TR-05-092321



Tgt Ion:252 Resp: 1053626
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 10.9 6.5 9.7#

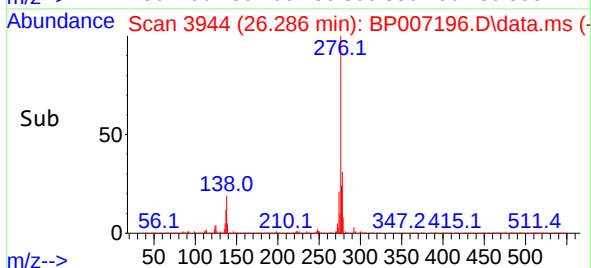
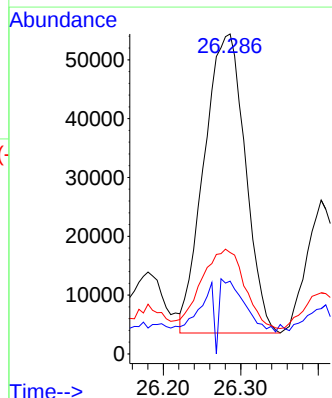
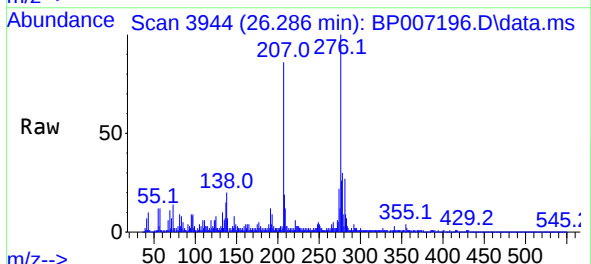
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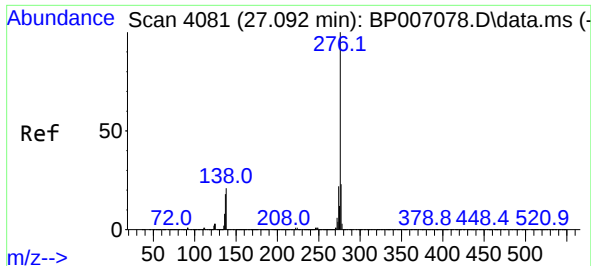
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#91
Dibenzo(a,h)anthracene
Concen: 2.46 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.029 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

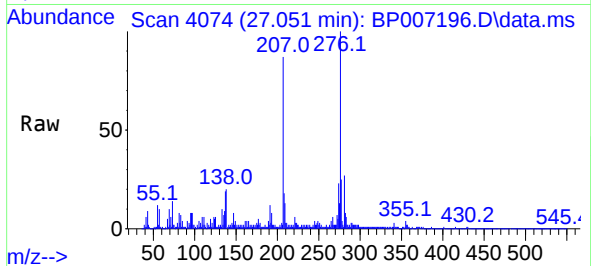
Tgt Ion:278 Resp: 187224
Ion Ratio Lower Upper
278 100
139 22.8 9.3 13.9#
279 31.7 18.8 28.2#





#92
Benzo(g,h,i)perylene
Concen: 8.71 ng
RT: 27.051 min Scan# 4074
Delta R.T. -0.023 min
Lab File: BP007196.D
Acq: 25 Sep 2021 20:41

Instrument :
BNA_P
ClientSampleId :
TR-05-092321



Tgt Ion:276 Resp: 645728
Ion Ratio Lower Upper
276 100
277 25.1 18.9 28.3
138 20.4 12.6 18.8#

Manual Integrations
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