

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
 Data File : BP007199.D
 Acq On : 25 Sep 2021 22:23
 Operator : CG/JU
 Sample : M3917-16DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4DL

Manual Integrations
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Quant Time: Sep 26 02:17:18 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	209827	20.00	ng	-0.01
21) Naphthalene-d8	10.681	136	838077	20.00	ng	#-0.01
39) Acenaphthene-d10	14.510	164	527979	20.00	ng	-0.02
64) Phenanthrene-d10	17.263	188	1092038	20.00	ng	#-0.01
76) Chrysene-d12	21.351	240	1054565	20.00	ng	0.00
86) Perylene-d12	23.757	264	1151229	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	528114	42.13	ng	0.00
7) Phenol-d6	7.052	99	676196	39.47	ng	-0.01
23) Nitrobenzene-d5	9.040	82	394954	27.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	308973	45.14	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	988096	26.81	ng	-0.01
79) Terphenyl-d14	19.822	244	1316331	23.92	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.728	128	87256	2.04	ng	99
49) Acenaphthylene	14.234	152	290464	6.20	ng	99
52) Acenaphthene	14.575	154	78225	2.76	ng	99
58) Fluorene	15.557	166	159319	4.35	ng	99
71) Phenanthrene	17.304	178	1702774	29.08	ng	100
72) Anthracene	17.398	178	579666	10.12	ng	99
73) Carbazole	17.669	167	177451	3.16	ng	99
75) Fluoranthene	19.275	202	3393251	50.30	ng	98
78) Pyrene	19.627	202	3243554	46.88	ng	99
81) Benzo(a)anthracene	21.333	228	1624740	23.74	ng	97
83) Chrysene	21.386	228	1463459	22.37	ng	96
87) Indeno(1,2,3-cd)pyrene	26.274	276	1207331	14.59	ng	99
88) Benzo(b)fluoranthene	23.021	252	2238132	32.53	ng	# 97
89) Benzo(k)fluoranthene	23.063	252	623421m	8.95	ng	
90) Benzo(a)pyrene	23.651	252	1698373	29.06	ng	# 98
91) Dibenzo(a,h)anthracene	26.286	278	292456	4.22	ng	# 85
92) Benzo(g,h,i)perylene	27.051	276	1203464	17.79	ng	97

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

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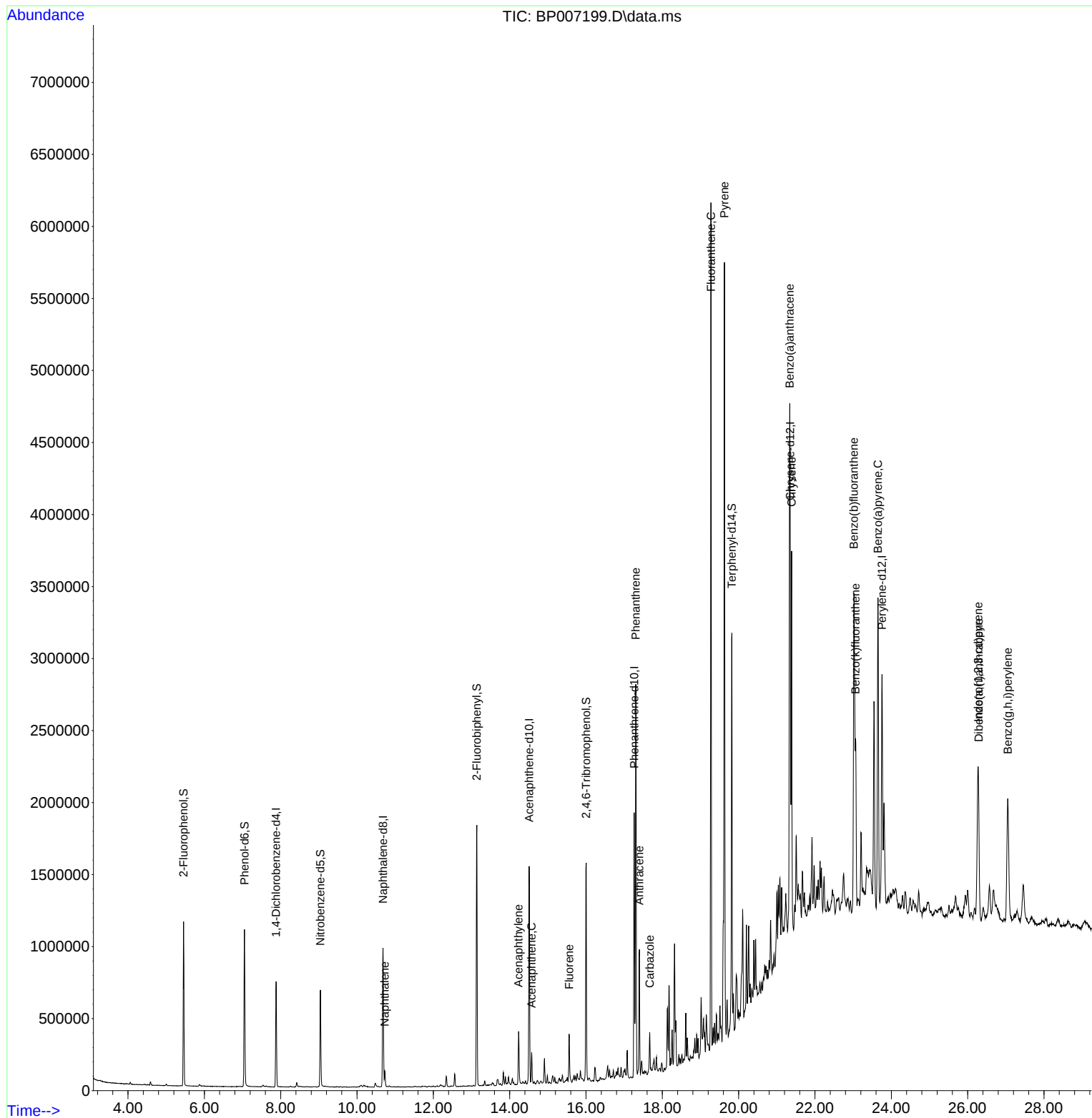
Instrument :
BNA_P
ClientSampleId :
TP-4DL

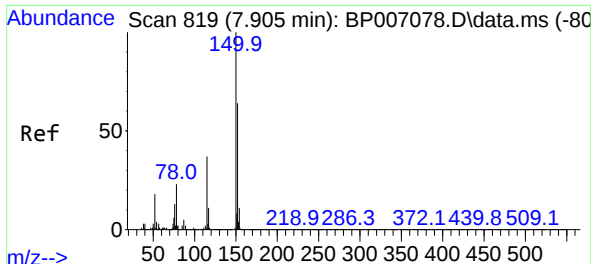
Quant Time: Sep 26 02:17:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

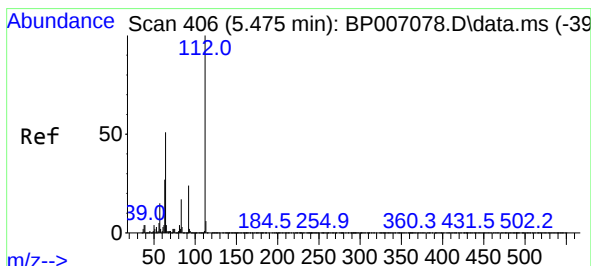
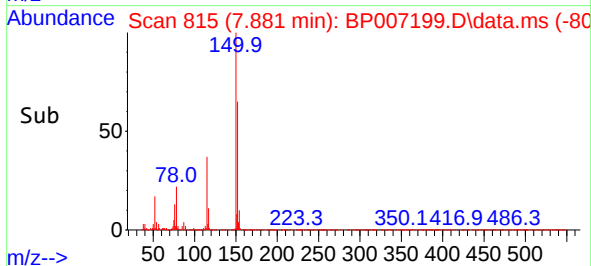
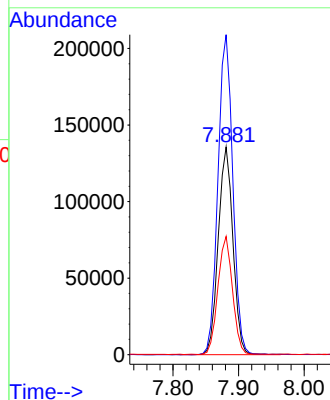
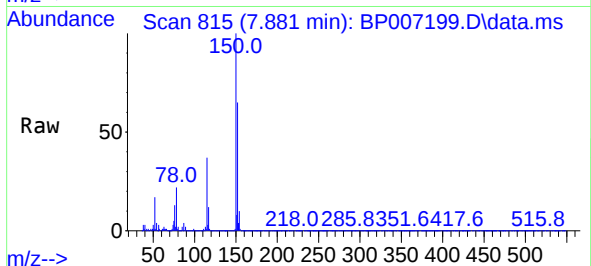
Tgt Ion:152 Resp: 209827
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 57.0 48.5 72.7

Instrument :
BNA_P
ClientSampled :
TP-4DL

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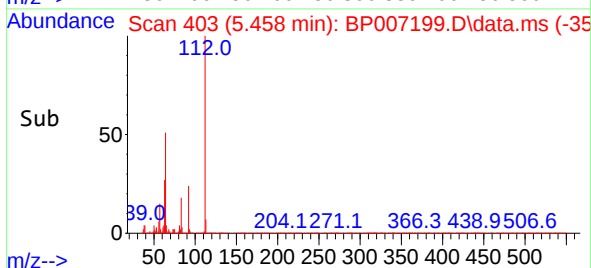
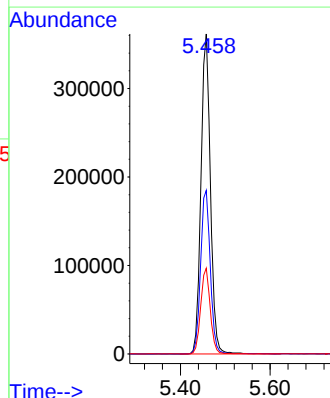
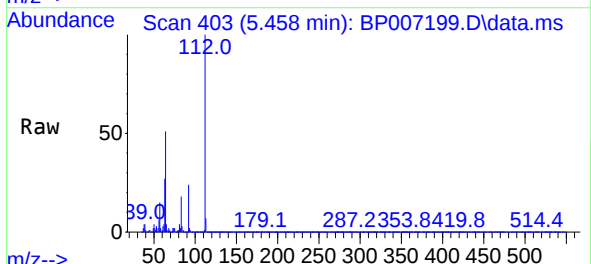
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#5
2-Fluorophenol
Concen: 42.13 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

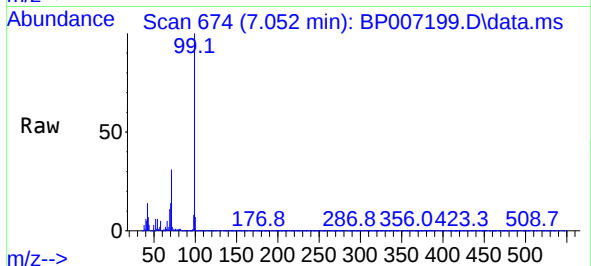
Tgt Ion:112 Resp: 528114
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 26.8 23.8 35.8





#7
Phenol-d6
Concen: 39.47 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Instrument :
BNA_P
ClientSampled :
TP-4DL

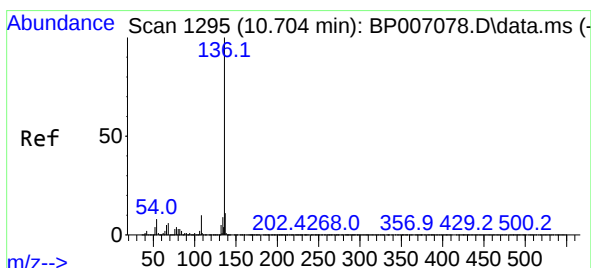
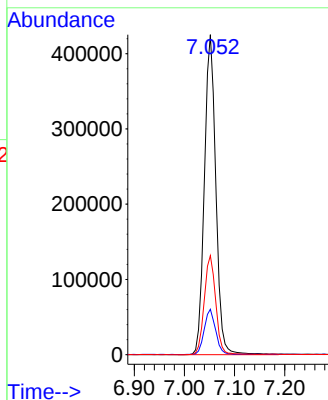
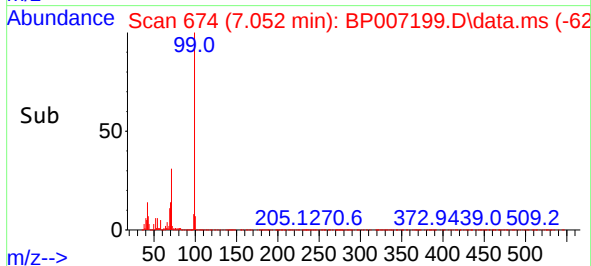


Tgt Ion: 99 Resp: 676196
Ion Ratio Lower Upper
99 100
42 14.2 13.4 20.0
71 31.0 30.6 46.0

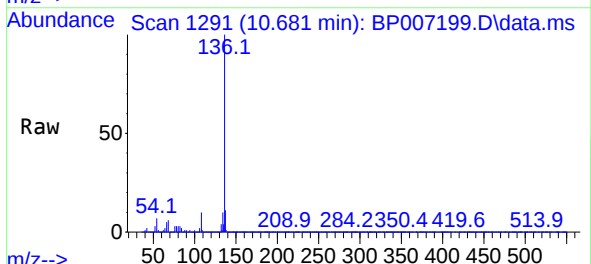
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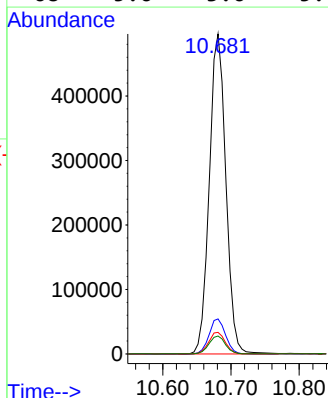
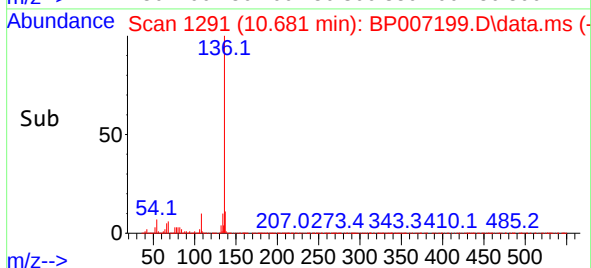
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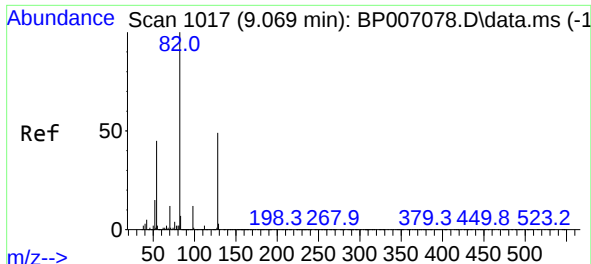


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23



Tgt Ion: 136 Resp: 838077
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 4.6 6.8
68 5.6 3.6 5.4





#23
Nitrobenzene-d5
Concen: 27.44 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.018 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

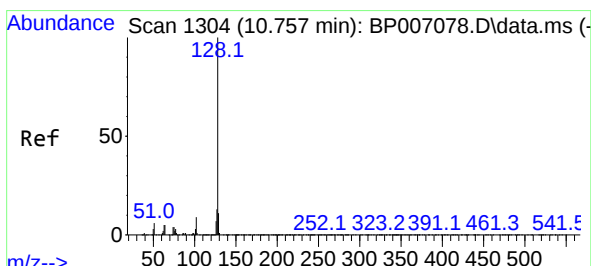
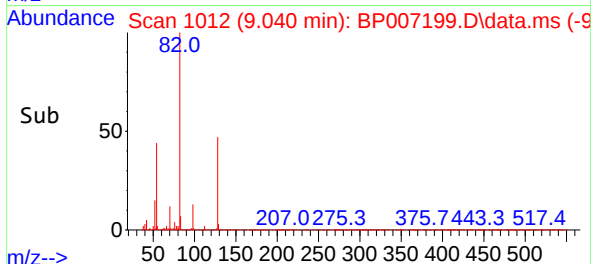
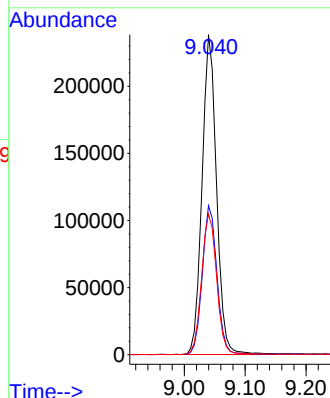
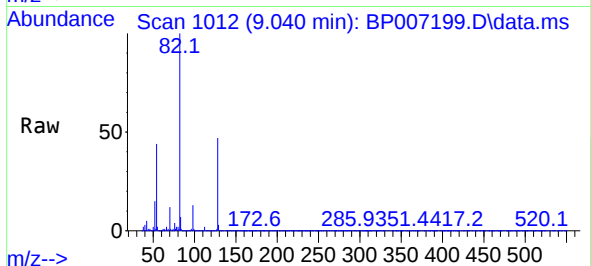
Tgt Ion: 82 Resp: 394954
Ion Ratio Lower Upper
82 100
128 46.6 35.7 53.5
54 44.0 35.0 52.4

Instrument :
BNA_P
ClientSampled :
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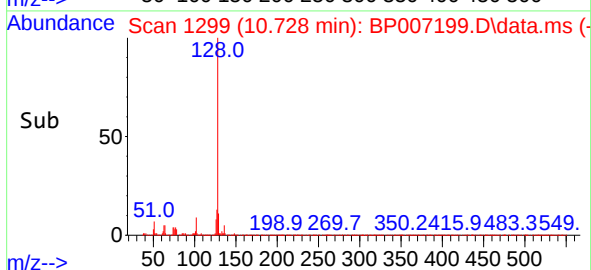
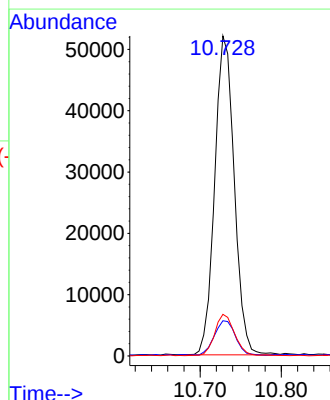
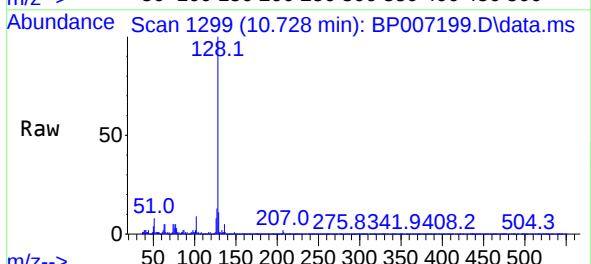
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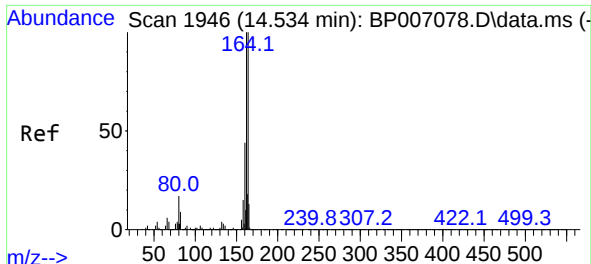
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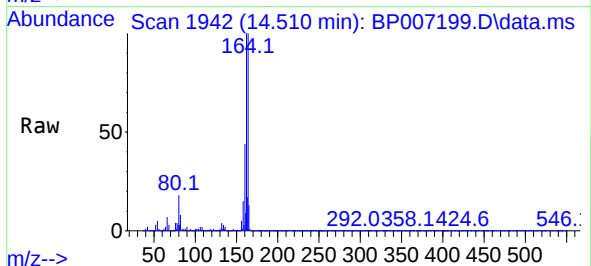
#31
Naphthalene
Concen: 2.04 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Tgt Ion: 128 Resp: 87256
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.7 16.1

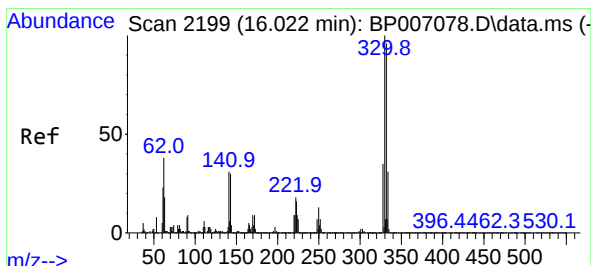
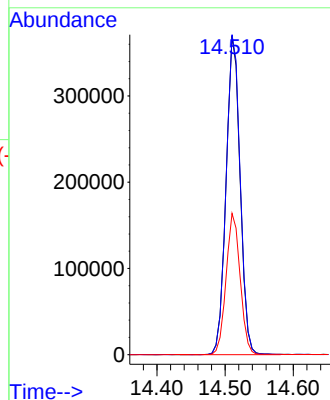
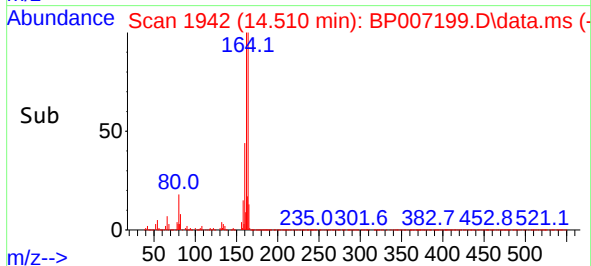




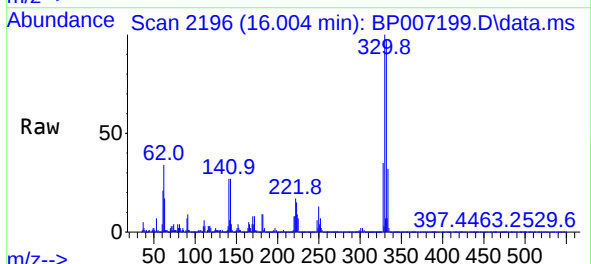
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23



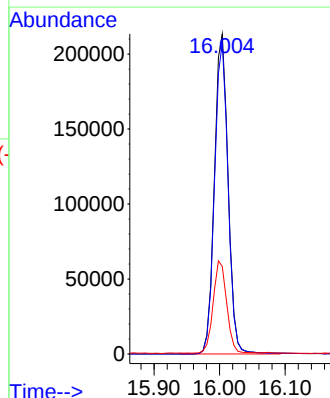
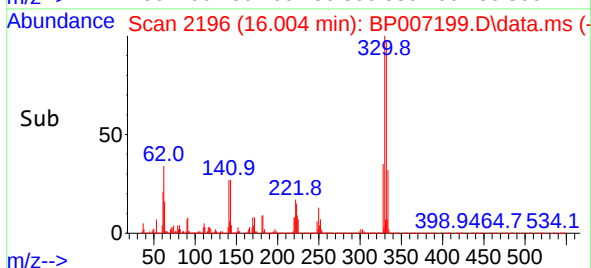
Tgt Ion:164 Resp: 527979
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 44.3 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 45.14 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23



Tgt Ion:330 Resp: 308973
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 28.4 25.4 38.2

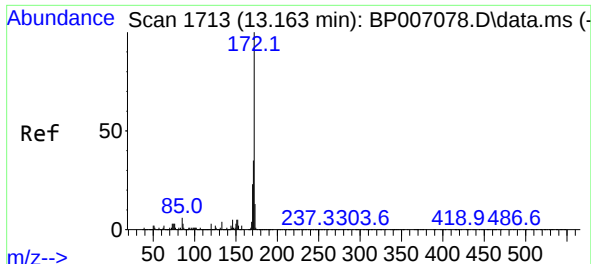


Instrument :
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#45
2-Fluorobiphenyl
Concen: 26.81 ng
RT: 13.140 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

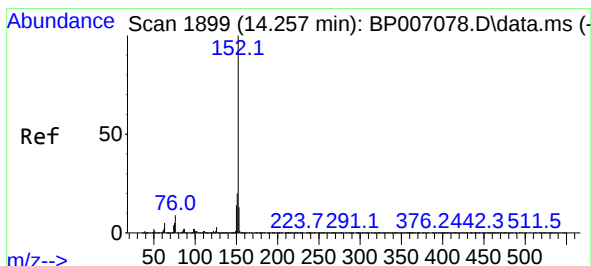
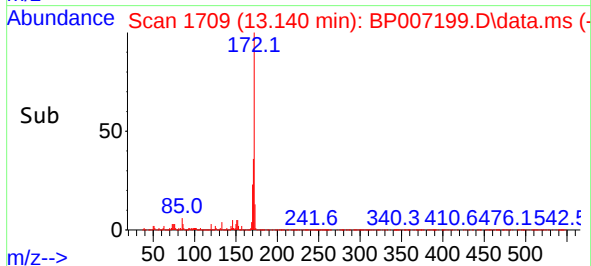
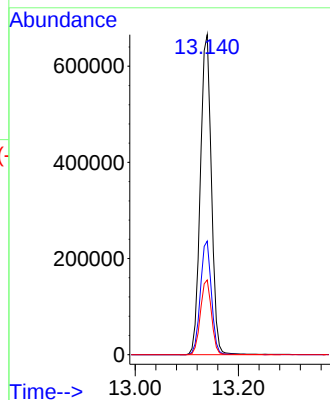
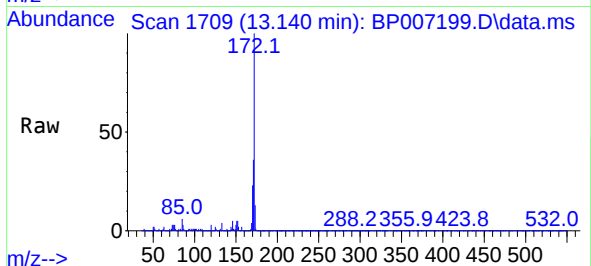
Tgt Ion:	172	Resp:	988096
Ion Ratio	Lower	Upper	
172	100		
171	35.5	27.9	41.9
170	23.4	18.6	27.8

Instrument :
BNA_P
ClientSampled :
TP-4DL

Manual Integrations
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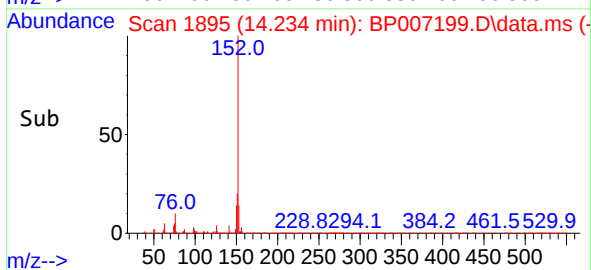
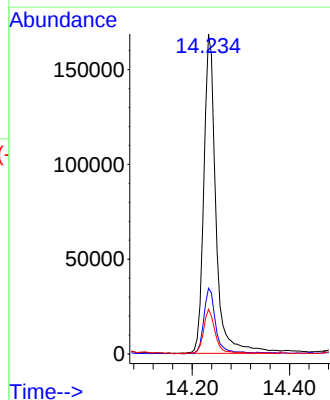
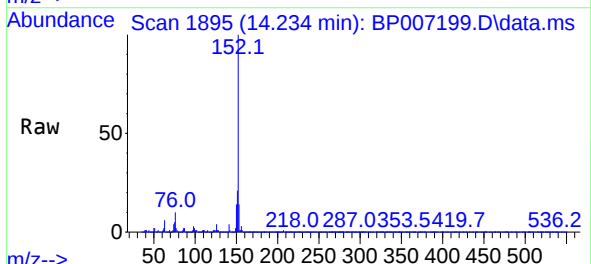
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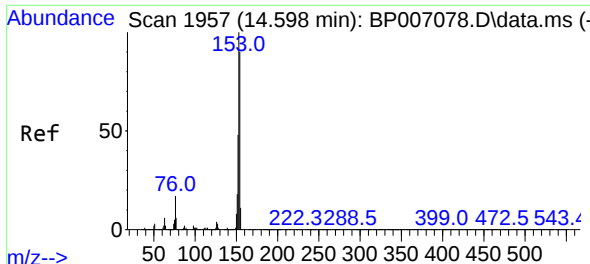
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#49
Acenaphthylene
Concen: 6.20 ng
RT: 14.234 min Scan# 1895
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

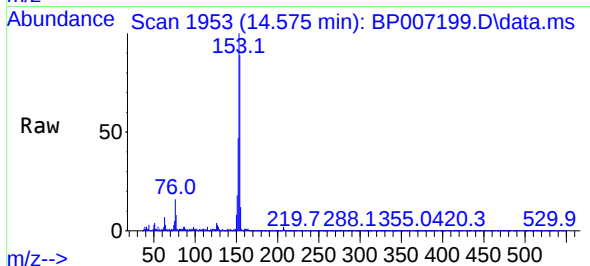
Tgt Ion:	152	Resp:	290464
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.2
153	13.9	10.6	16.0





#52
Acenaphthene
Concen: 2.76 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Instrument :
BNA_P
ClientSampleId :
TP-4DL

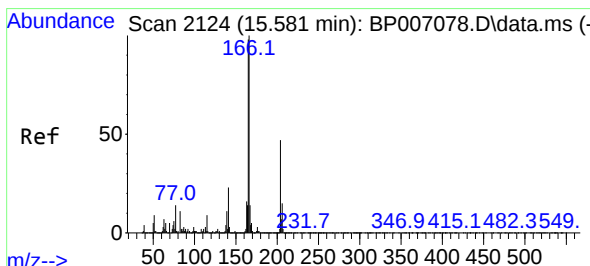
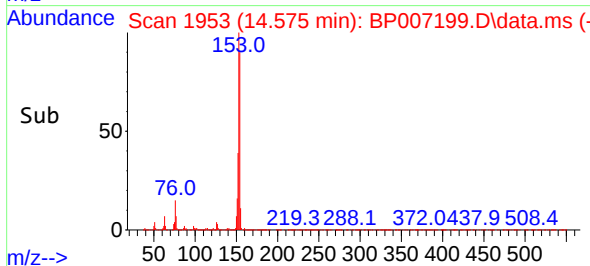
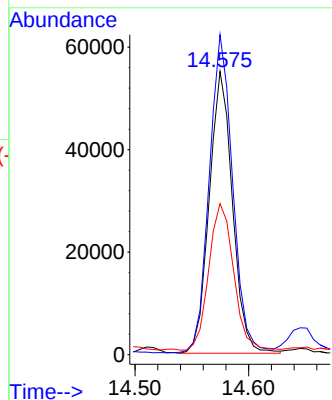


Tgt Ion:154 Resp: 78225
Ion Ratio Lower Upper
154 100
153 113.0 89.4 134.2
152 53.4 43.0 64.4

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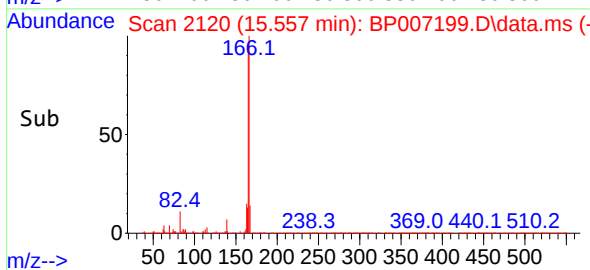
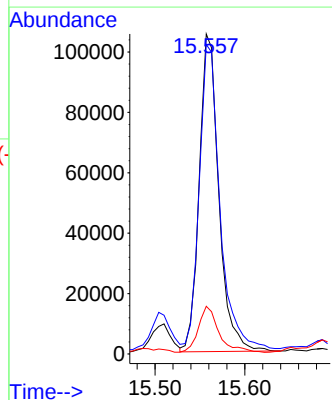
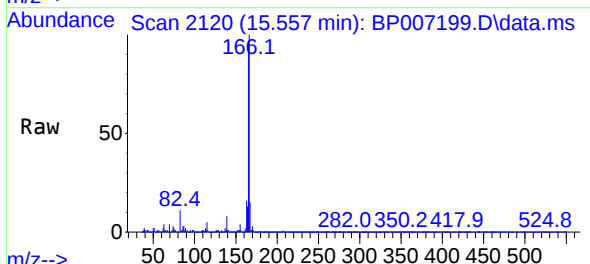
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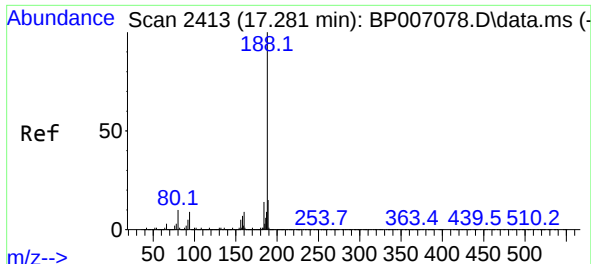
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#58
Fluorene
Concen: 4.35 ng
RT: 15.557 min Scan# 2120
Delta R.T. -0.018 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

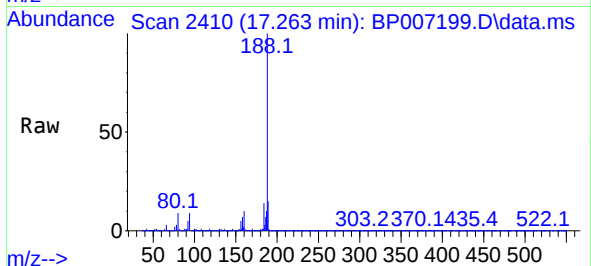
Tgt Ion:166 Resp: 159319
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 14.9 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Instrument :
BNA_P
ClientSampled :
TP-4DL

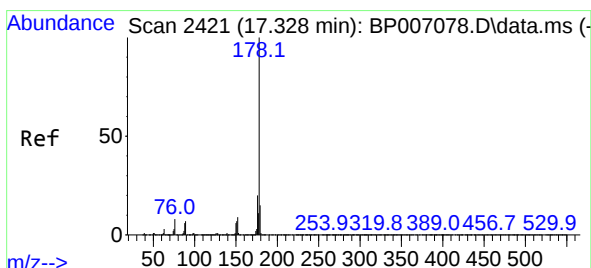
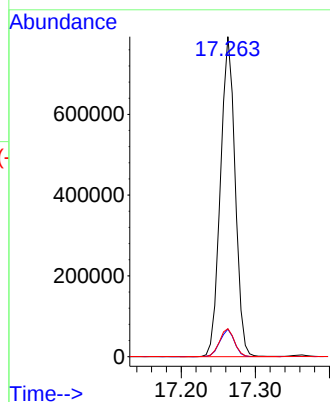
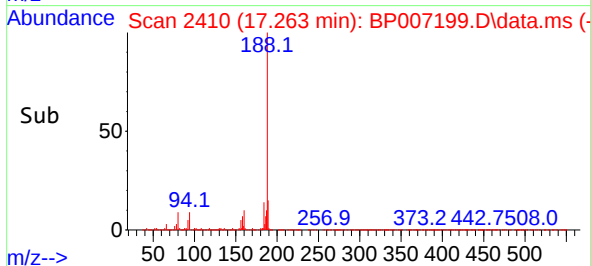


Tgt Ion:188 Resp: 1092038
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 8.8 6.3 9.5

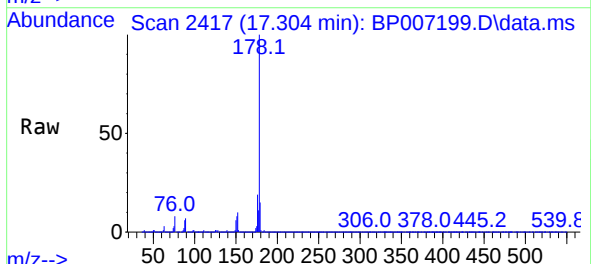
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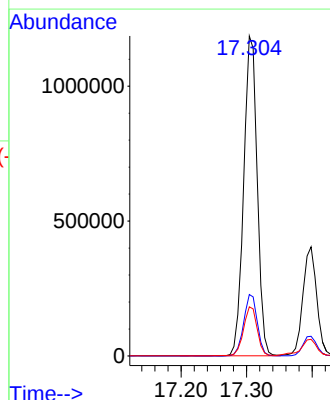
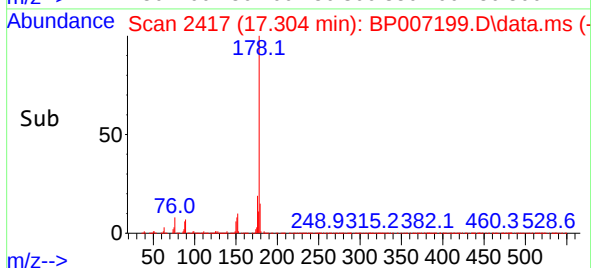
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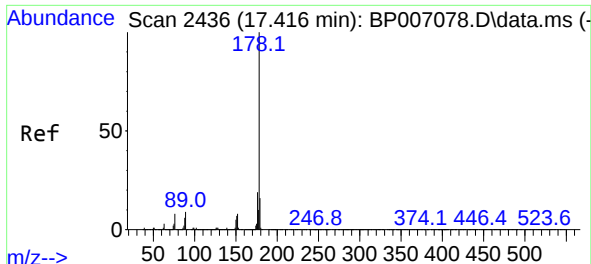


#71
Phenanthrene
Concen: 29.08 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23



Tgt Ion:178 Resp: 1702774
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.4 18.6





#72
 Anthracene
 Concen: 10.12 ng
 RT: 17.398 min Scan# 2433
 Delta R.T. -0.012 min
 Lab File: BP007199.D
 Acq: 25 Sep 2021 22:23

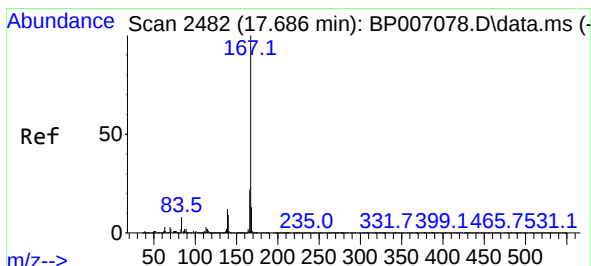
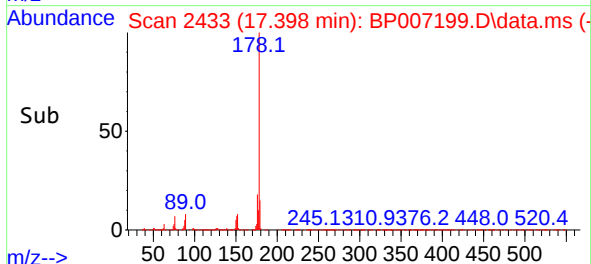
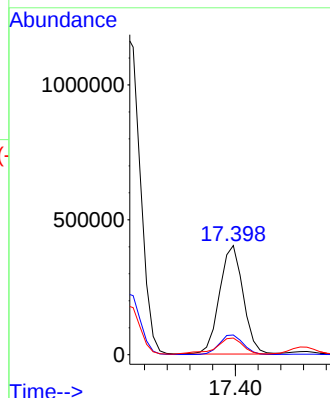
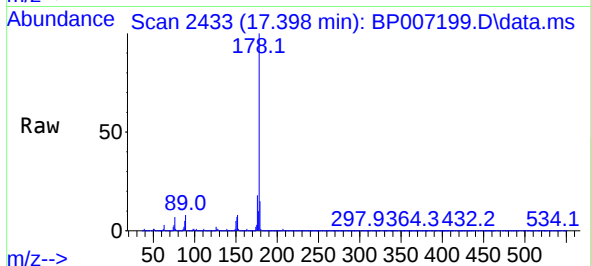
Tgt Ion:178 Resp: 579666
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.9 22.3
 179 15.2 12.2 18.2

Instrument :
 BNA_P
 ClientSampled :
 TP-4DL

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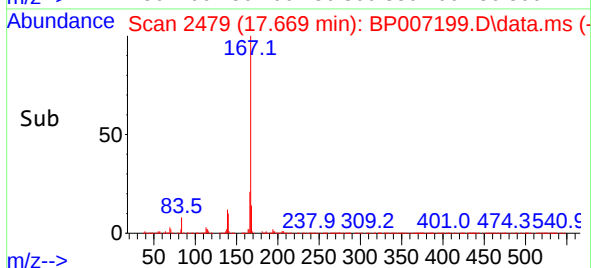
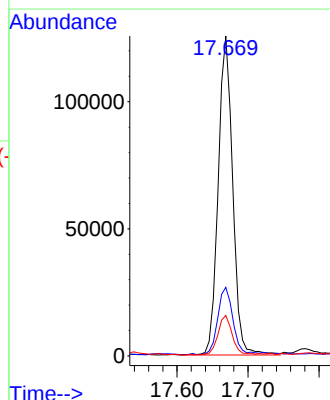
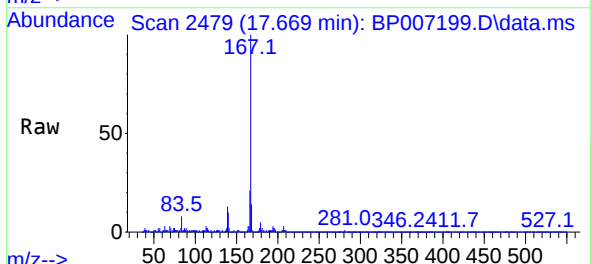
mohammad

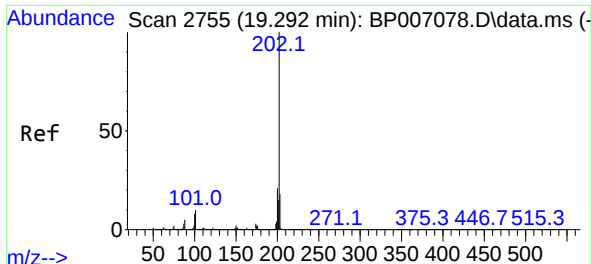
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#73
 Carbazole
 Concen: 3.16 ng
 RT: 17.669 min Scan# 2479
 Delta R.T. -0.012 min
 Lab File: BP007199.D
 Acq: 25 Sep 2021 22:23

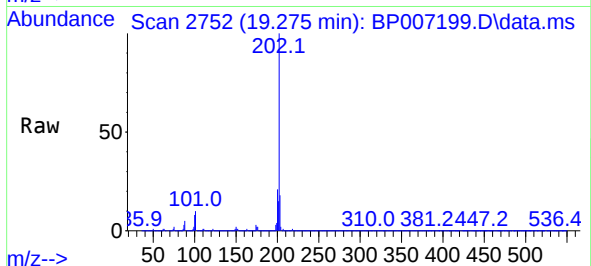
Tgt Ion:167 Resp: 177451
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.7 10.7 16.1





#75
Fluoranthene
Concen: 50.30 ng
RT: 19.275 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Instrument :
BNA_P
ClientSampled :
TP-4DL

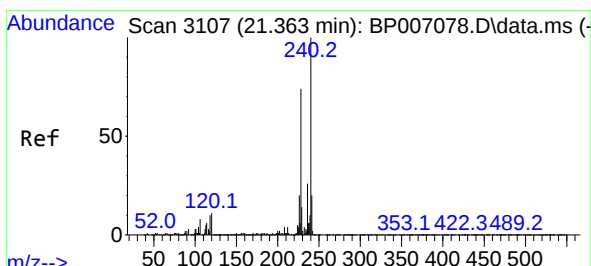
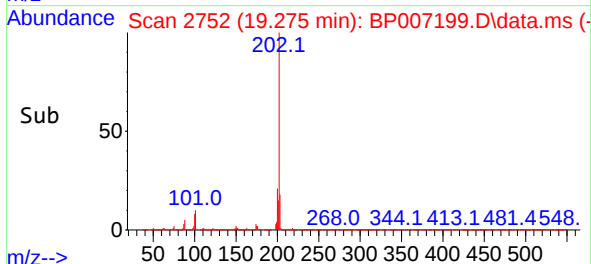
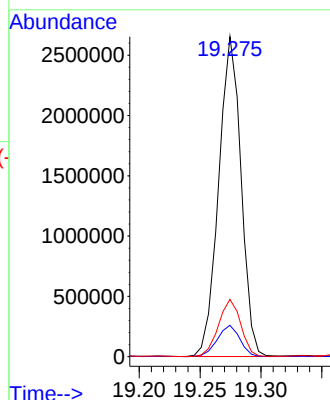


Tgt Ion:202 Resp: 3393251
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.6
203 17.9 0.0 37.8

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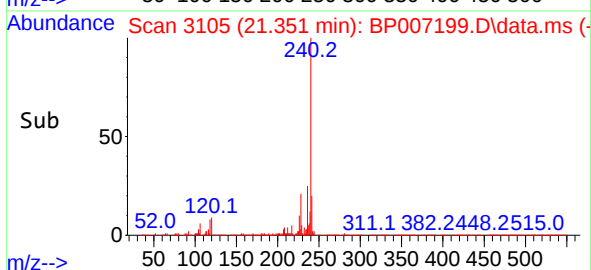
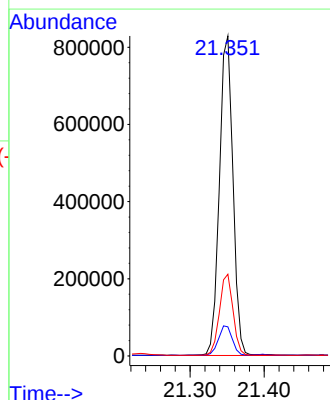
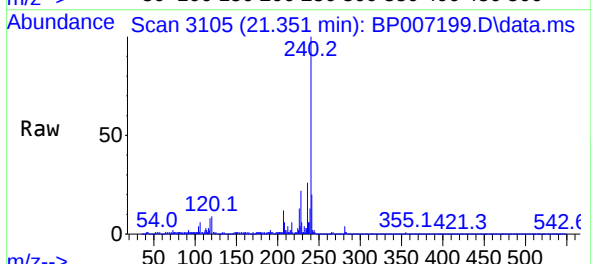
mohammad

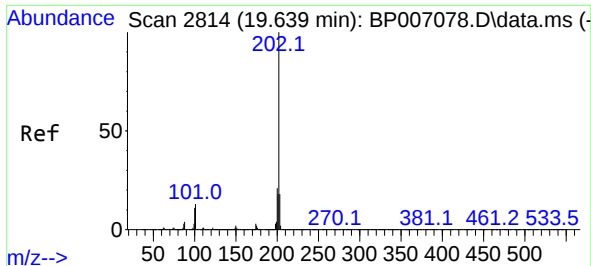
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

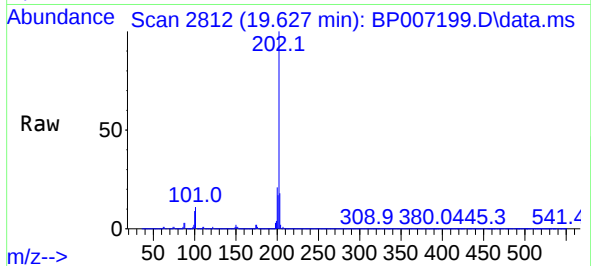
Tgt Ion:240 Resp: 1054565
Ion Ratio Lower Upper
240 100
120 9.1 6.5 9.7
236 25.5 20.6 31.0





#78
Pyrene
Concen: 46.88 ng
RT: 19.627 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Instrument :
BNA_P
ClientSampled :
TP-4DL

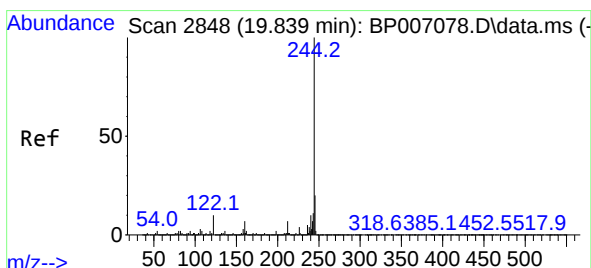
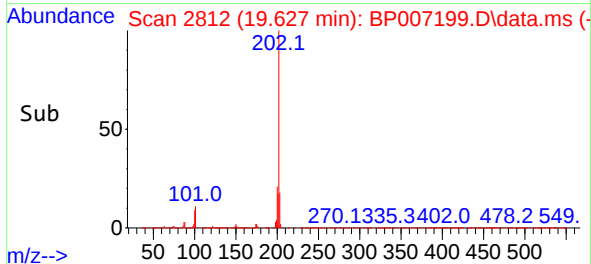
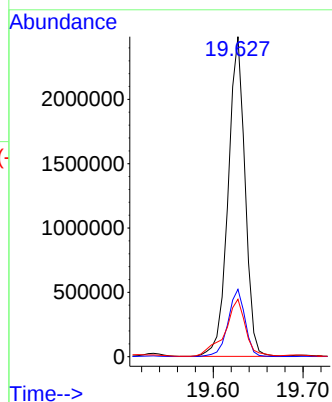


Tgt Ion:202 Resp: 3243554
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 17.9 14.2 21.2

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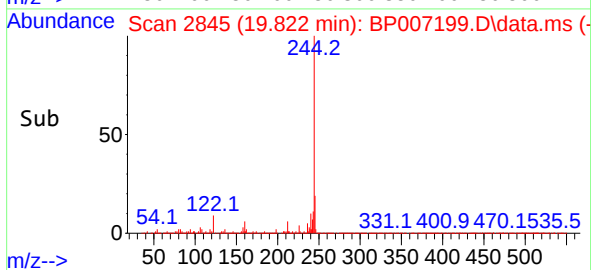
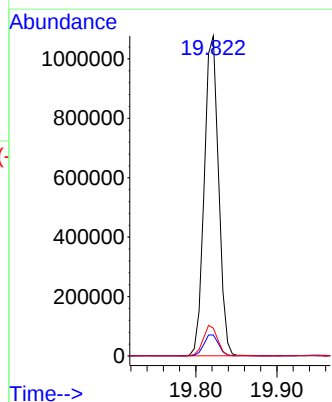
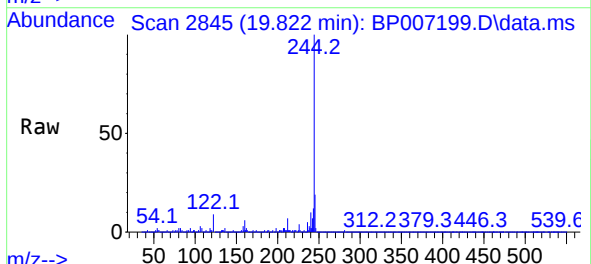
mohammad

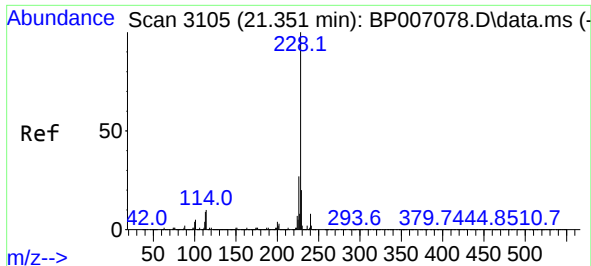
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#79
Terphenyl-d14
Concen: 23.92 ng
RT: 19.822 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Tgt Ion:244 Resp: 1316331
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 8.7 7.1 10.7





#81
Benzo(a)anthracene
Concen: 23.74 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

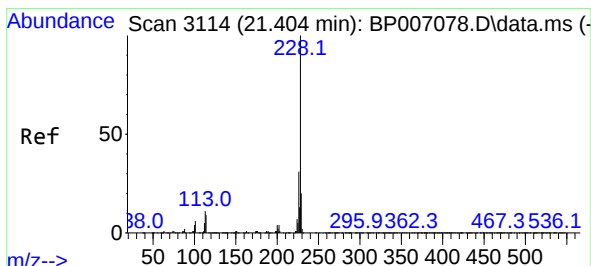
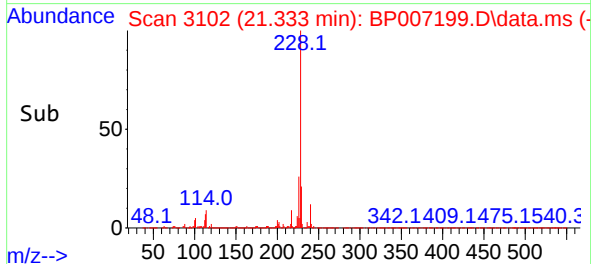
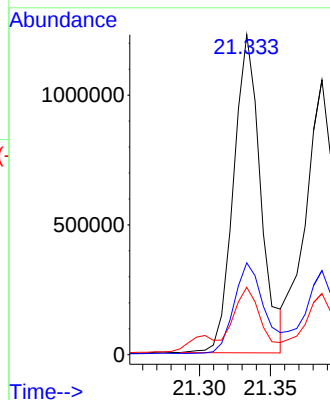
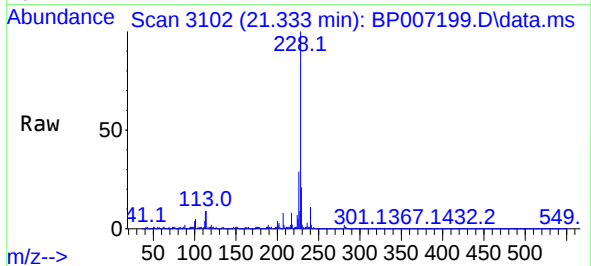
Tgt Ion:228 Resp: 1624740
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 21.1 15.8 23.6

Instrument :
BNA_P
ClientSampled :
TP-4DL

Manual Integrations
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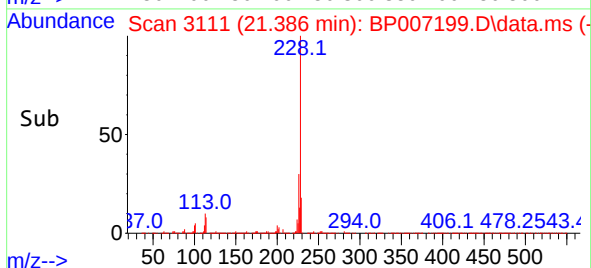
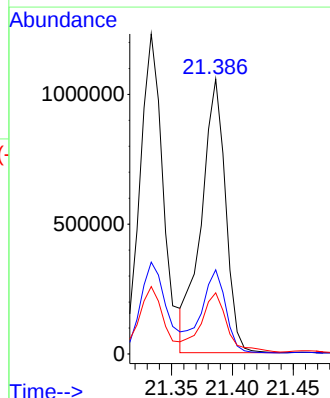
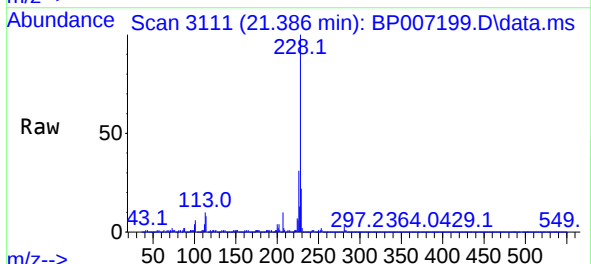
mohammad

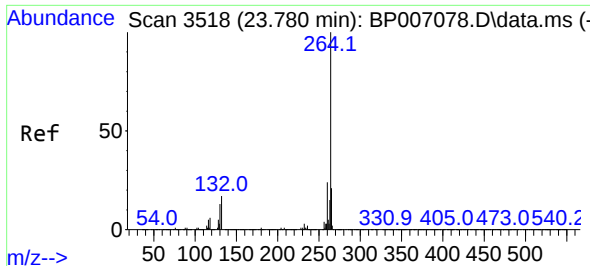
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#83
Chrysene
Concen: 22.37 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

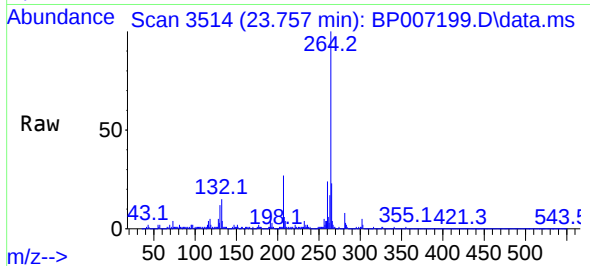
Tgt Ion:228 Resp: 1463459
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.6
229 22.2 15.4 23.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Instrument :
BNA_P
ClientSampled :
TP-4DL



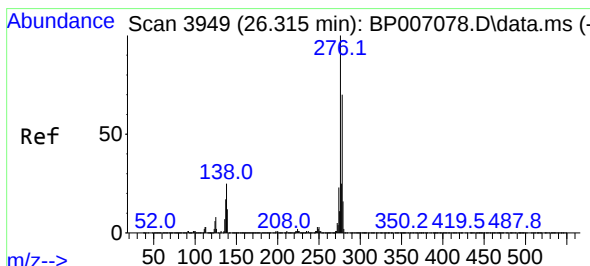
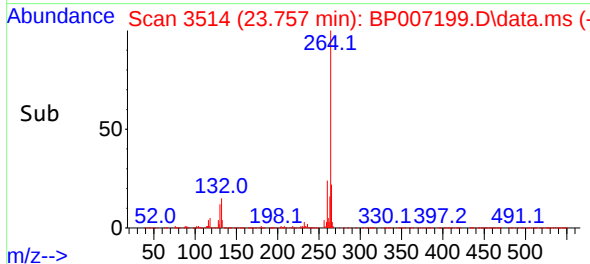
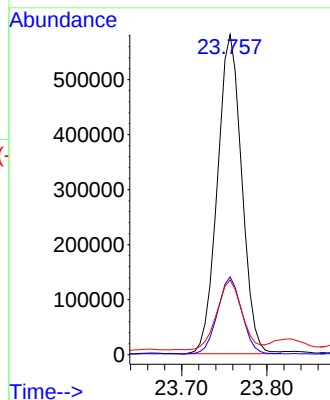
Tgt Ion:264 Resp: 1151229

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	23.4	17.6	26.4

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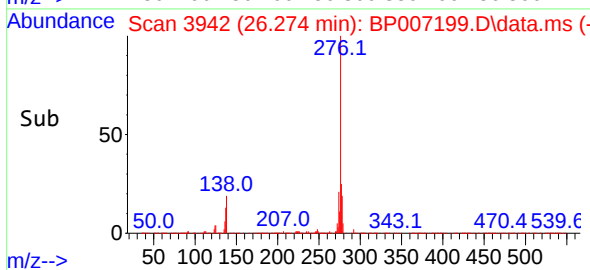
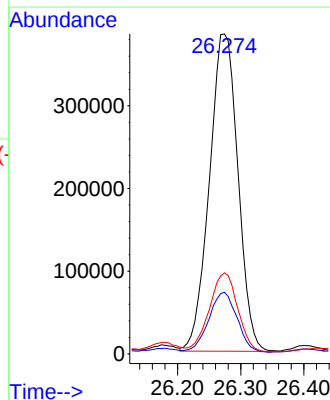
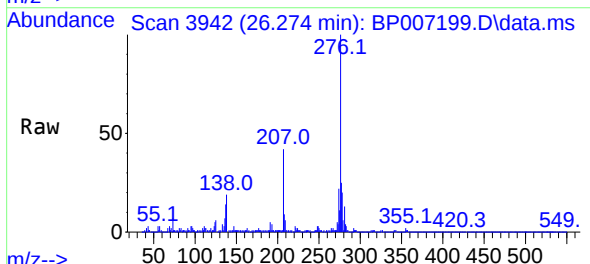
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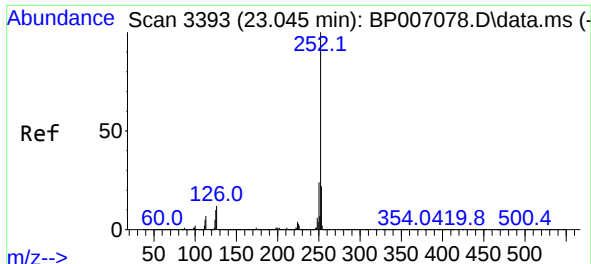


#87
Indeno(1,2,3-cd)pyrene
Concen: 14.59 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.029 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Tgt Ion:276 Resp: 1207331

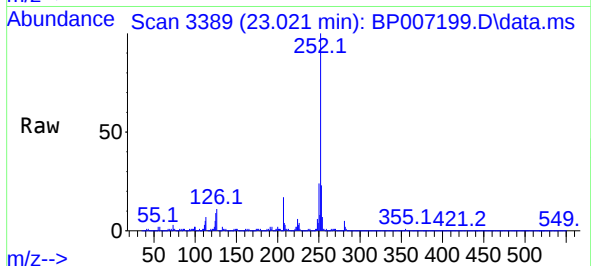
Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.3	22.9
277	24.9	20.4	30.6





#88
Benzo(b)fluoranthene
Concen: 32.53 ng
RT: 23.021 min Scan# 3389
Delta R.T. -0.012 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Instrument :
BNA_P
ClientSampled :
TP-4DL

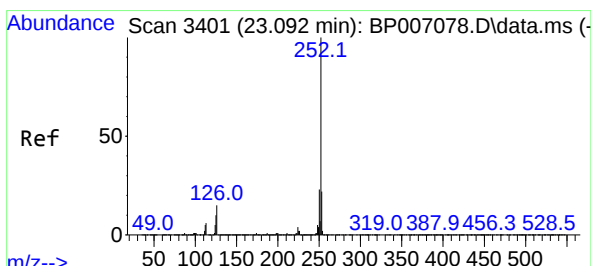
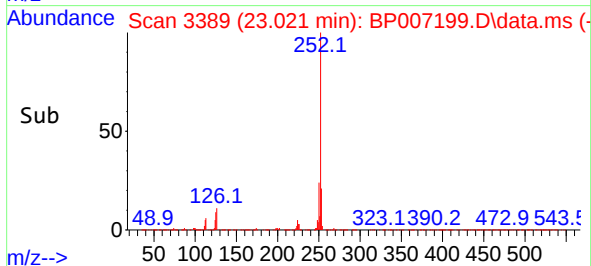
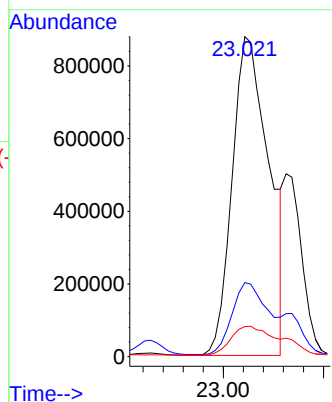


Tgt Ion:252 Resp: 2238132
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.4 6.2 9.4#

Manual Integrations
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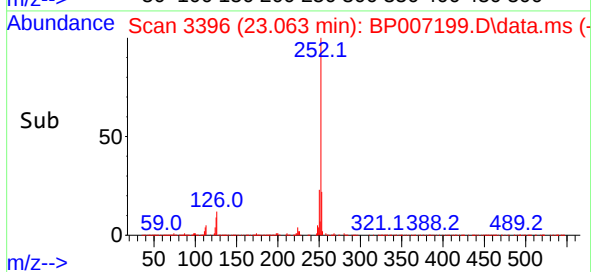
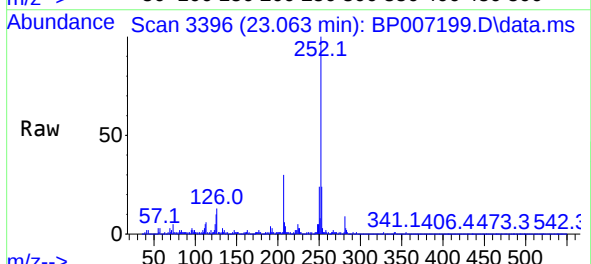
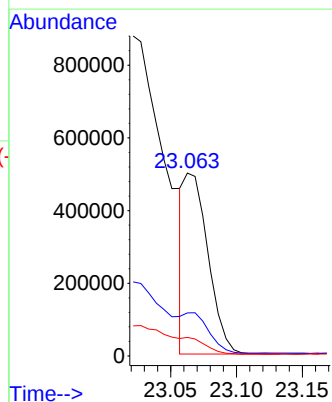
mohammad

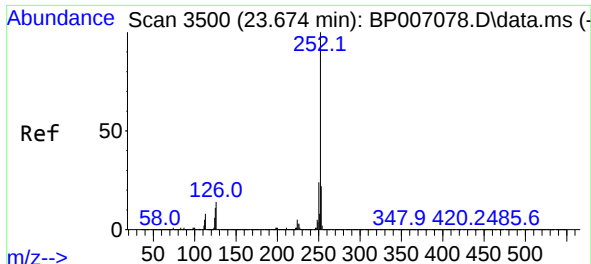
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#89
Benzo(k)fluoranthene
Concen: 8.95 ng m
RT: 23.063 min Scan# 3396
Delta R.T. -0.024 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

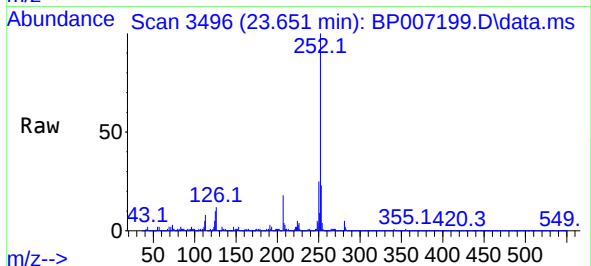
Tgt Ion:252 Resp: 623421
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 10.2 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 29.06 ng
RT: 23.651 min Scan# 3496
Delta R.T. -0.018 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Instrument :
BNA_P
ClientSampled :
TP-4DL

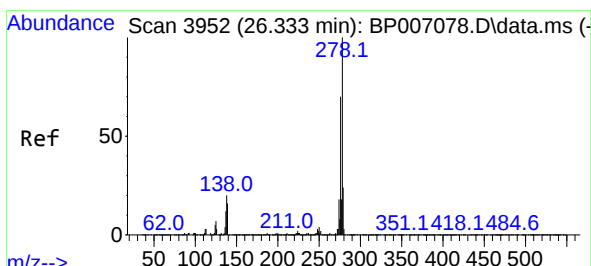
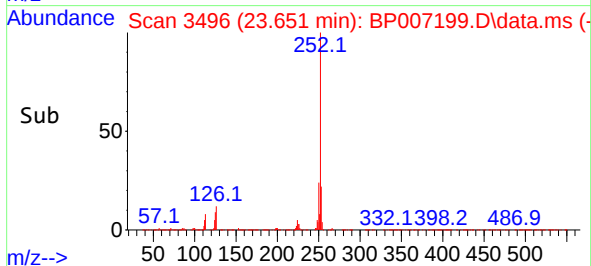
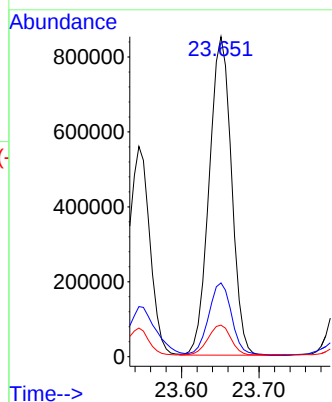


Tgt Ion:252 Resp: 1698373
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 9.9 6.5 9.7#

Manual Integrations
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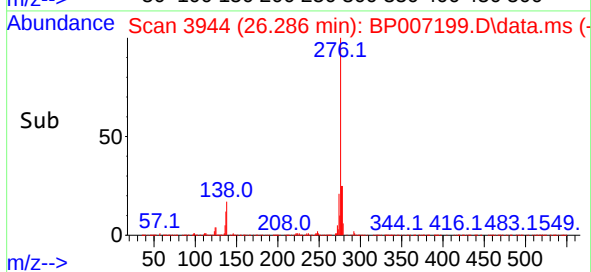
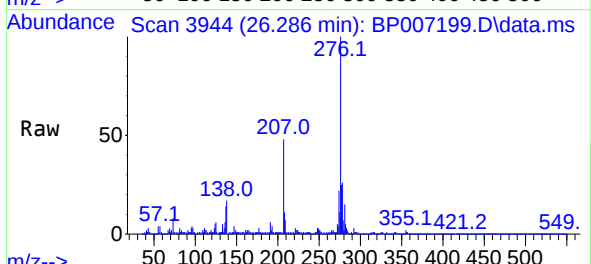
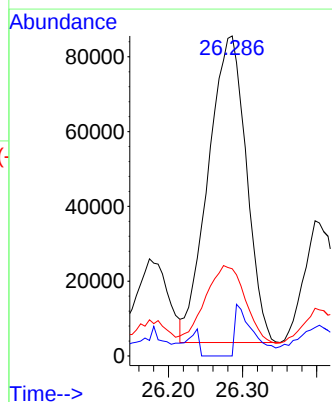
mohammad

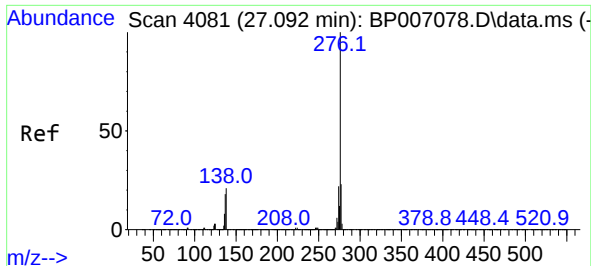
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#91
Dibenzo(a,h)anthracene
Concen: 4.22 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.029 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

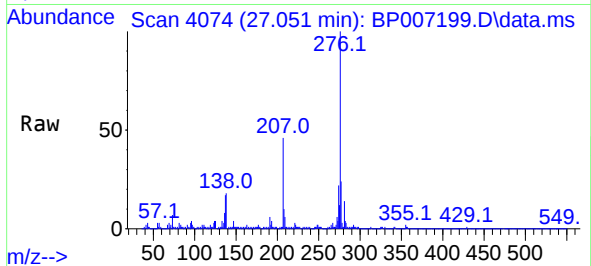
Tgt Ion:278 Resp: 292456
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 27.2 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 17.79 ng
RT: 27.051 min Scan# 4074
Delta R.T. -0.024 min
Lab File: BP007199.D
Acq: 25 Sep 2021 22:23

Instrument :
BNA_P
ClientSampleId :
TP-4DL



Tgt Ion:276 Resp: 1203464
Ion Ratio Lower Upper
276 100
277 24.2 18.9 28.3
138 18.4 12.6 18.8

Manual Integrations
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