

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
 Data File : BP007333.D
 Acq On : 05 Oct 2021 19:31
 Operator : CG/JU
 Sample : M4046-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-(3.0-3.5)

Manual Integrations
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mohammad
 10/8/2021 8:32:39 AM

Quant Time: Oct 06 05:25:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	121668	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	453614	20.00	ng	# 0.00
39) Acenaphthene-d10	14.498	164	275198	20.00	ng	0.00
64) Phenanthrene-d10	17.245	188	579763	20.00	ng	0.00
76) Chrysene-d12	21.333	240	668251	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	803304	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	707007	97.27	ng	-0.01
7) Phenol-d6	7.040	99	865444	87.12	ng	-0.01
23) Nitrobenzene-d5	9.022	82	527633	67.74	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	313204	87.79	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1230666	64.07	ng	-0.01
79) Terphenyl-d14	19.804	244	1910255	54.78	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.563	154	39356	2.66	ng	97
55) Dibenzofuran	14.904	168	54769	2.22	ng	91
58) Fluorene	15.551	166	55051	2.89	ng	99
71) Phenanthrene	17.286	178	963911	31.01	ng	99
72) Anthracene	17.381	178	204097	6.71	ng	99
73) Carbazole	17.657	167	136889	4.59	ng	98
75) Fluoranthene	19.257	202	1212918	33.87	ng	98
78) Pyrene	19.610	202	1017780	23.21	ng	99
81) Benzo(a)anthracene	21.316	228	555332	12.80	ng	99
83) Chrysene	21.369	228	513776	12.39	ng	96
87) Indeno(1,2,3-cd)pyrene	26.239	276	357885	6.20	ng	98
88) Benzo(b)fluoranthene	23.004	252	705061	14.69	ng	# 97
89) Benzo(k)fluoranthene	23.045	252	242453m	4.99	ng	
90) Benzo(a)pyrene	23.627	252	536625	13.16	ng	# 98
92) Benzo(g,h,i)perylene	27.015	276	355138	7.52	ng	# 95

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

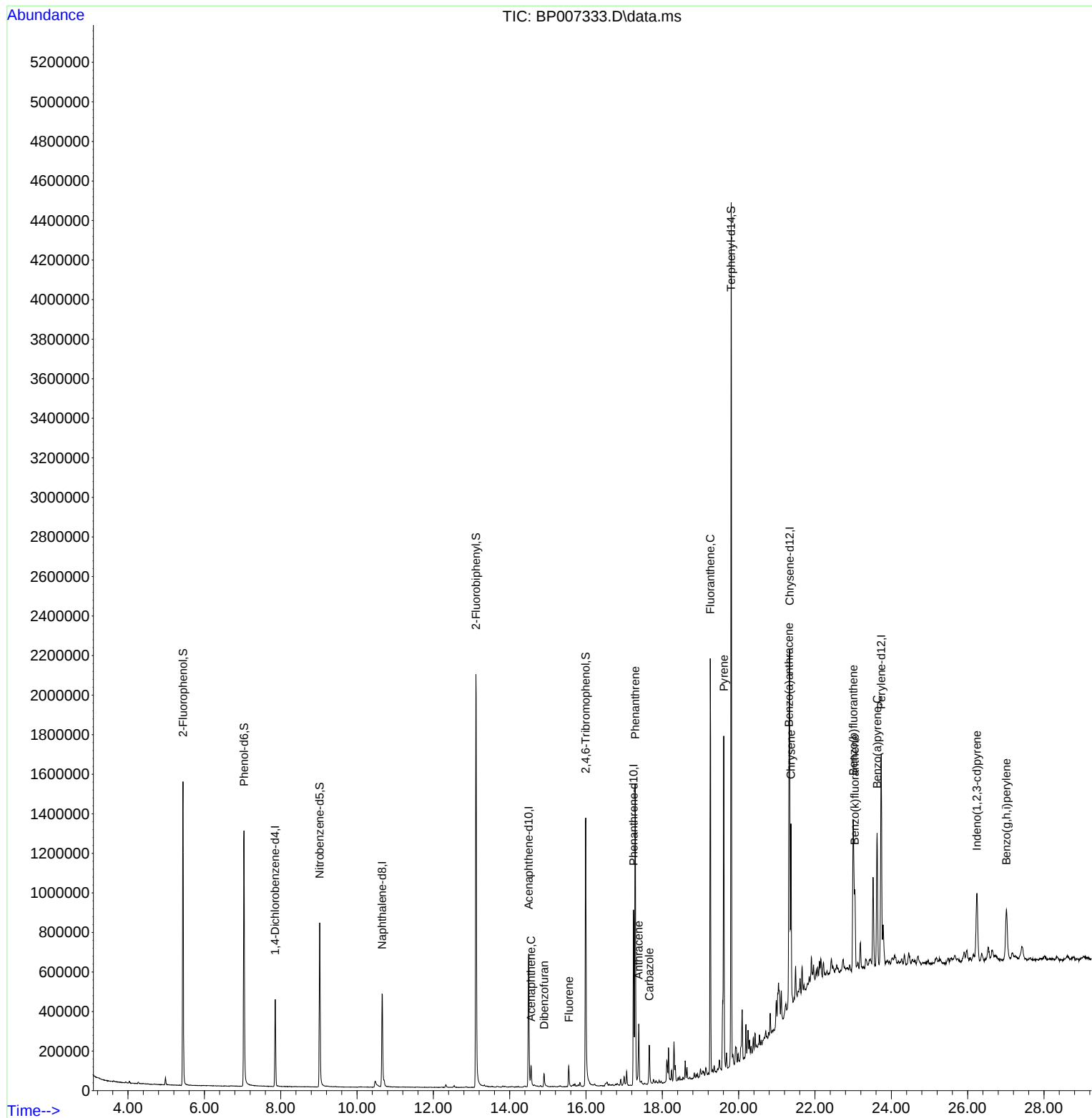
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
Data File : BP007333.D
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ALS Vial : 7 Sample Multiplier: 1

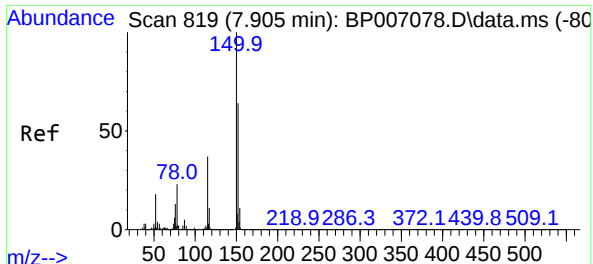
Instrument :
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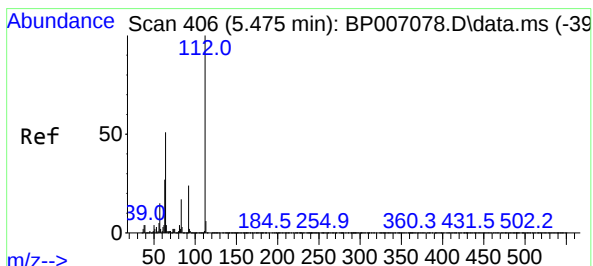
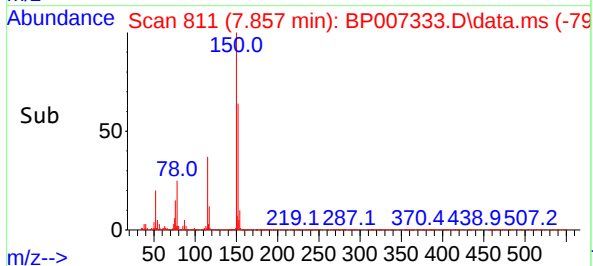
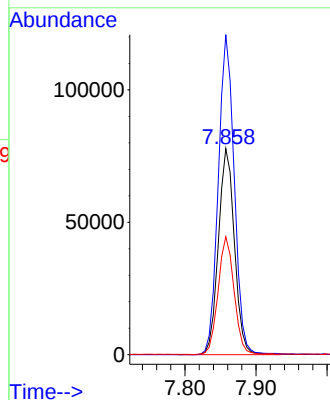
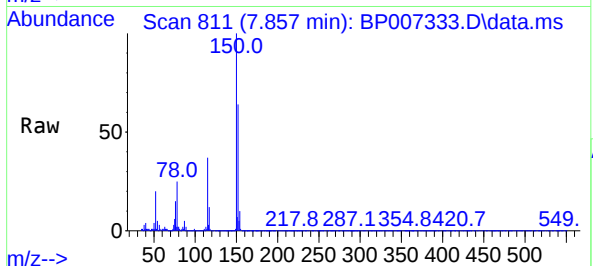
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

Tgt Ion:152 Resp: 121668
Ion Ratio Lower Upper
152 100
150 155.2 125.6 188.4
115 57.2 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)

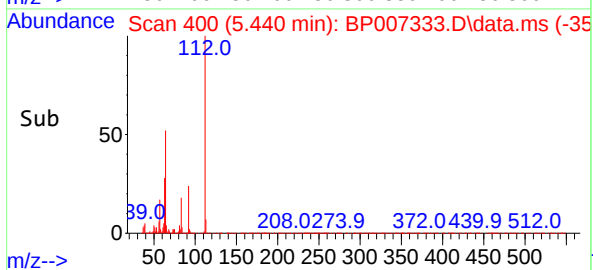
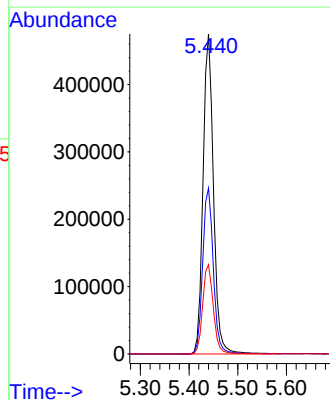
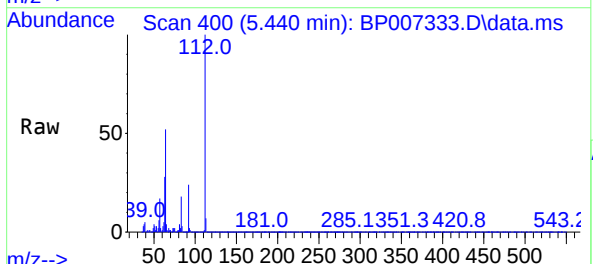
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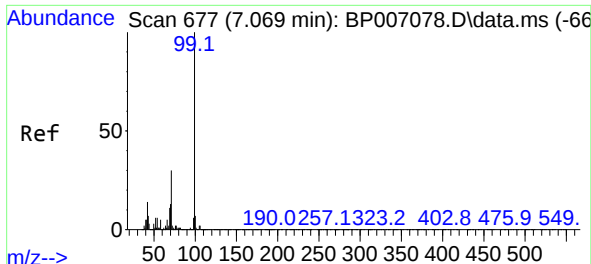
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#5
2-Fluorophenol
Concen: 97.27 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.012 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

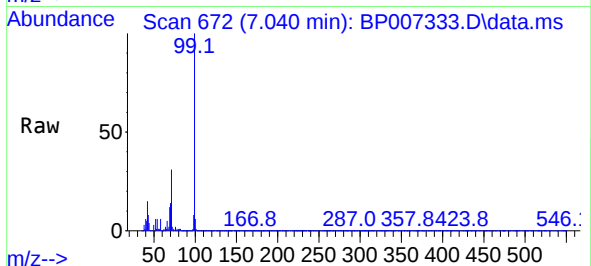
Tgt Ion:112 Resp: 707007
Ion Ratio Lower Upper
112 100
64 51.9 41.4 62.2
63 27.9 23.8 35.8





#7
Phenol-d6
Concen: 87.12 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.011 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

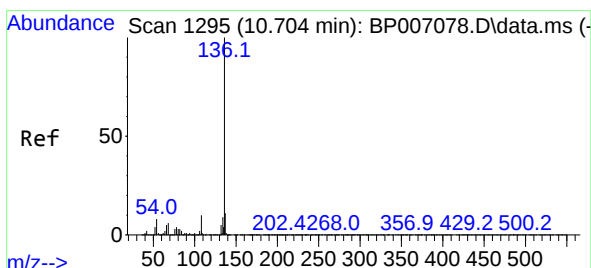
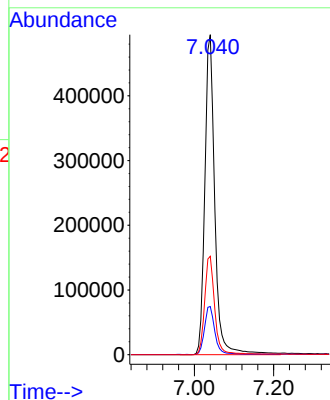
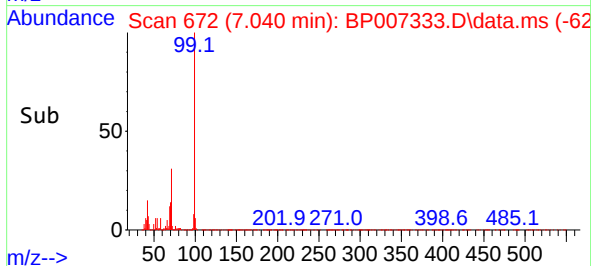
Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)



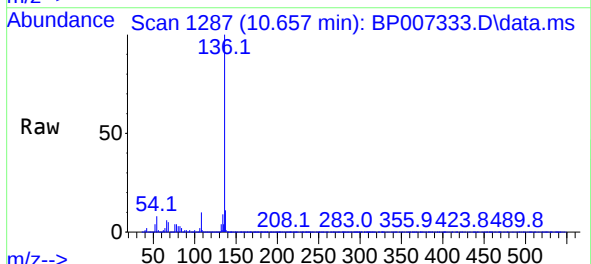
Tgt Ion: 99 Resp: 865444
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 30.8 30.6 46.0

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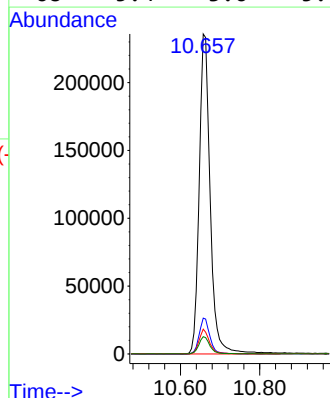
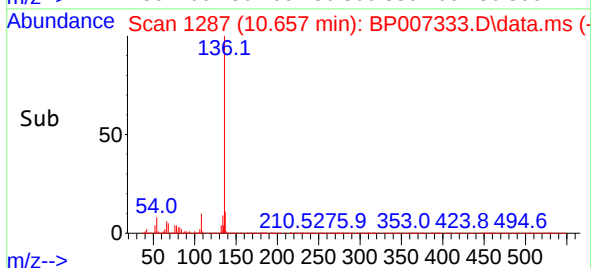
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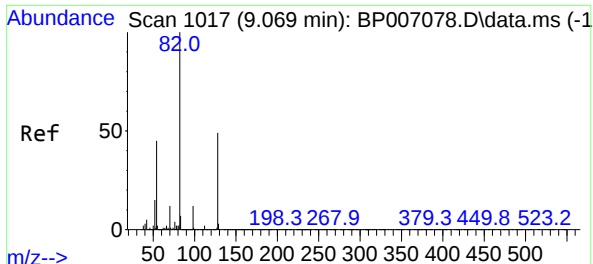


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31



Tgt Ion: 136 Resp: 453614
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.8 4.6 6.8#
68 5.4 3.6 5.4#





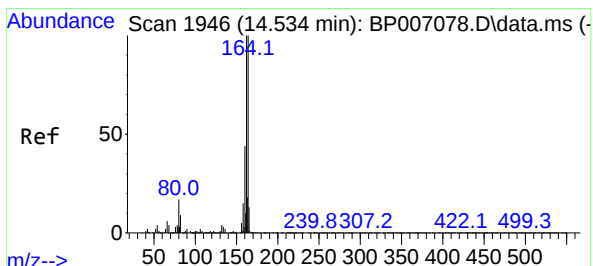
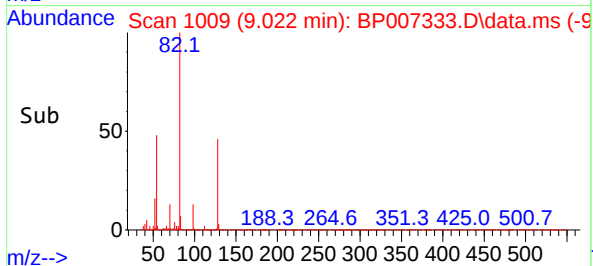
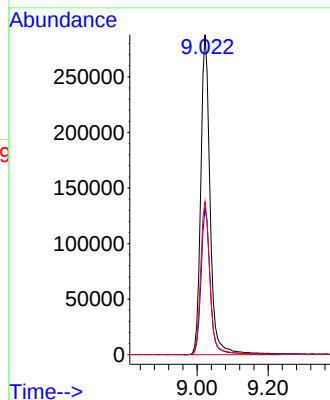
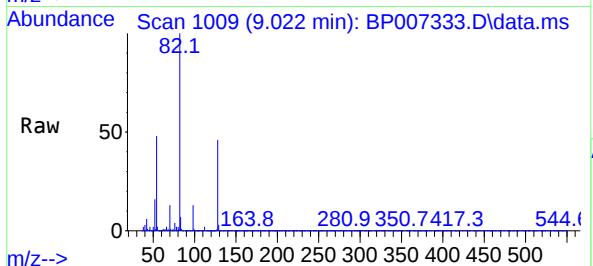
#23
Nitrobenzene-d5
Concen: 67.74 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

Tgt Ion: 82 Resp: 527633
Ion Ratio Lower Upper
82 100
128 45.8 35.7 53.5
54 47.8 35.0 52.4

Instrument :
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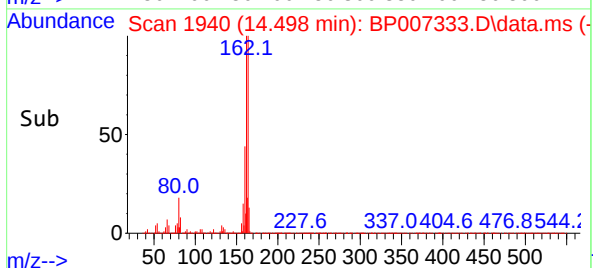
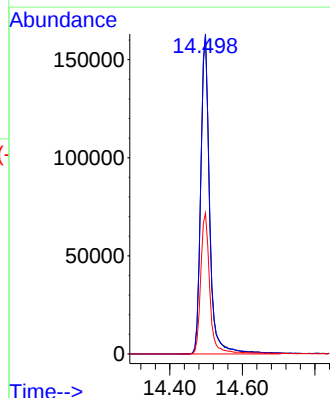
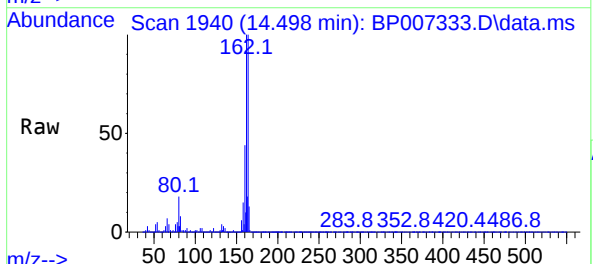
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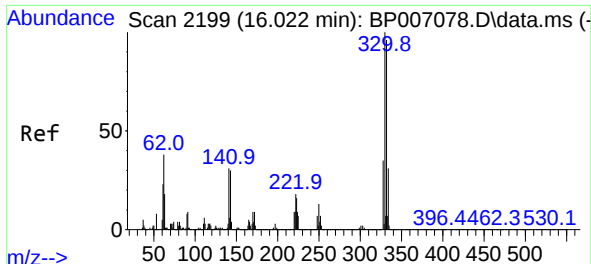
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

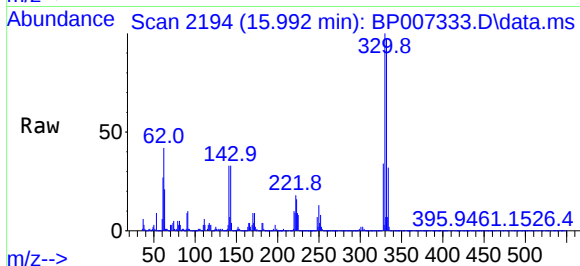
Tgt Ion: 164 Resp: 275198
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 44.0 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 87.79 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

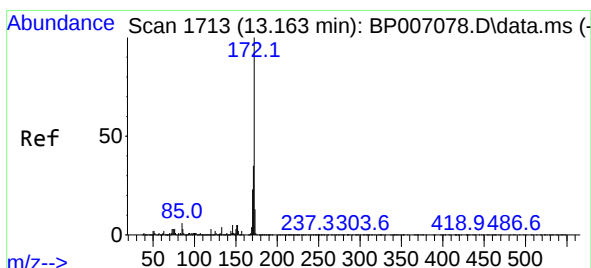
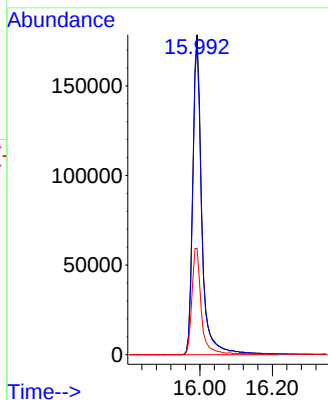
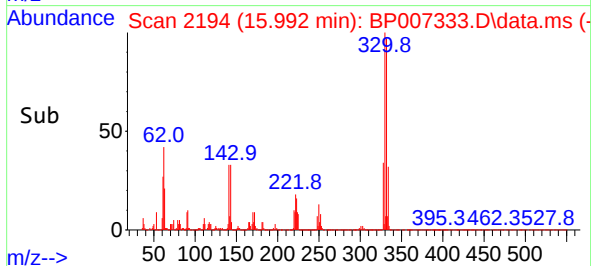
Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)



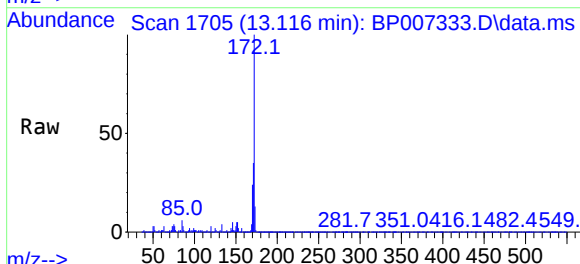
Tgt Ion:330 Resp: 313204
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 34.1 25.4 38.2

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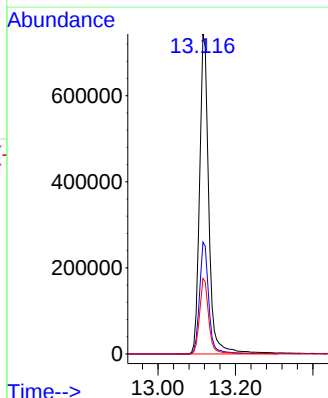
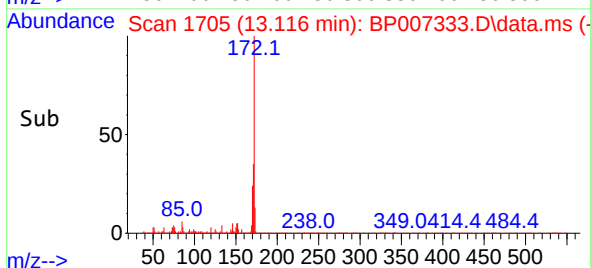
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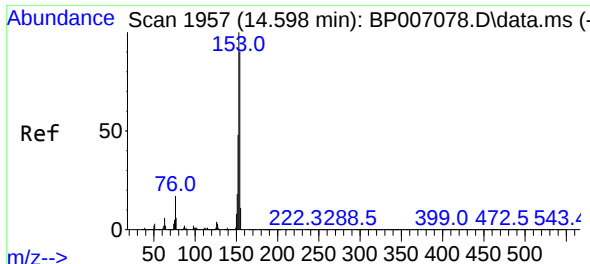


#45
2-Fluorobiphenyl
Concen: 64.07 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31



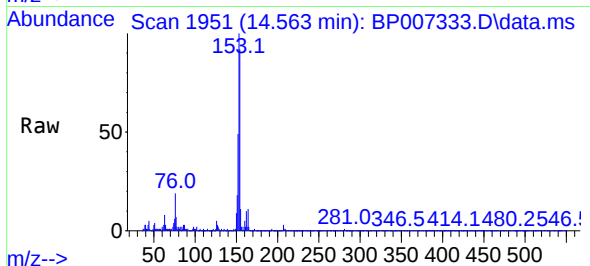
Tgt Ion:172 Resp: 1230666
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.6 18.6 27.8





#52
Acenaphthene
Concen: 2.66 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

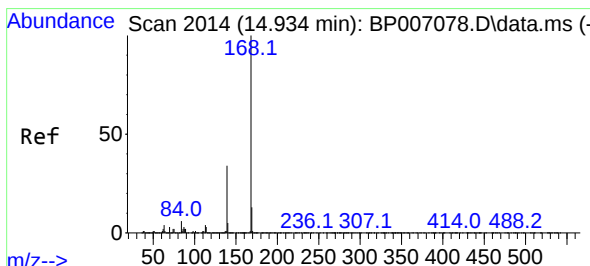
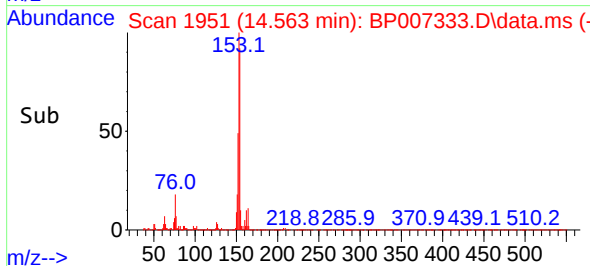
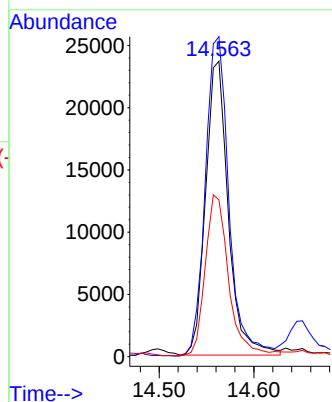
Instrument :
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Tgt Ion:154 Resp: 39356
Ion Ratio Lower Upper
154 100
153 108.3 89.4 134.2
152 53.0 43.0 64.4

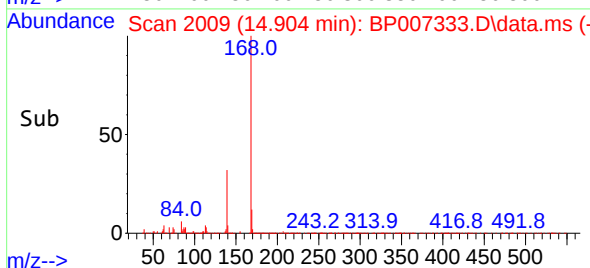
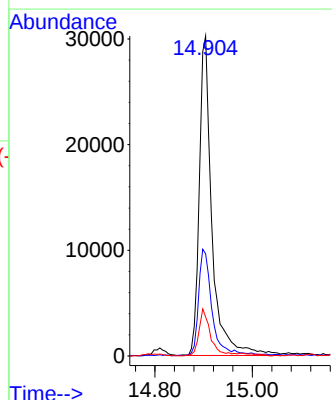
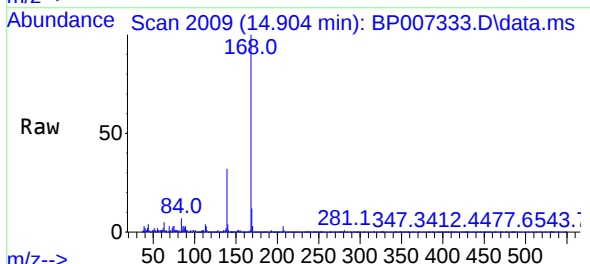
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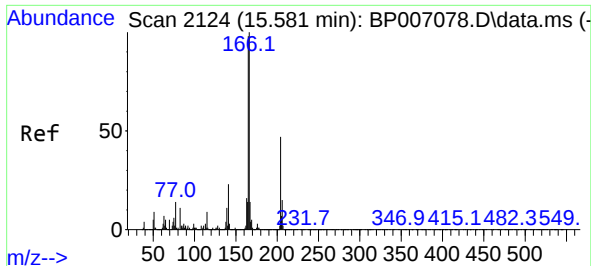
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#55
Dibenzofuran
Concen: 2.22 ng
RT: 14.904 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

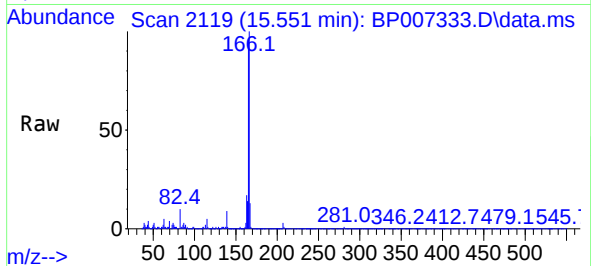
Tgt Ion:168 Resp: 54769
Ion Ratio Lower Upper
168 100
139 31.9 31.0 46.6
169 12.1 10.8 16.2





#58
Fluorene
Concen: 2.89 ng
RT: 15.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

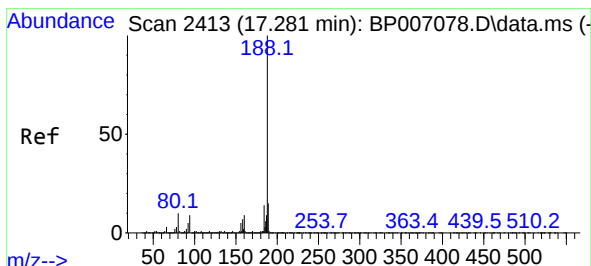
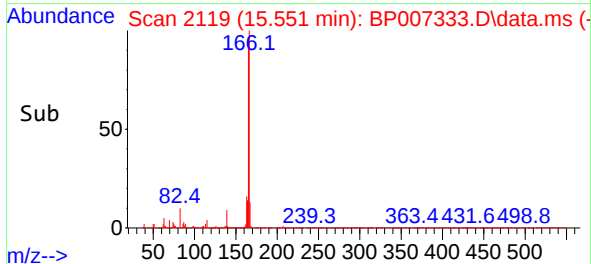
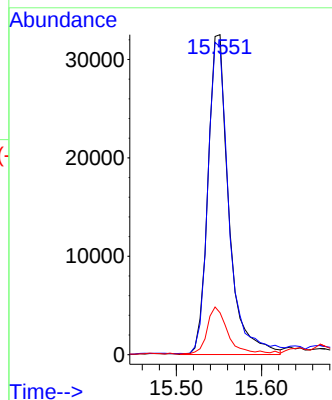
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Tgt Ion:166 Resp: 55051
Ion Ratio Lower Upper
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165 96.2 78.0 117.0
167 13.1 10.5 15.7

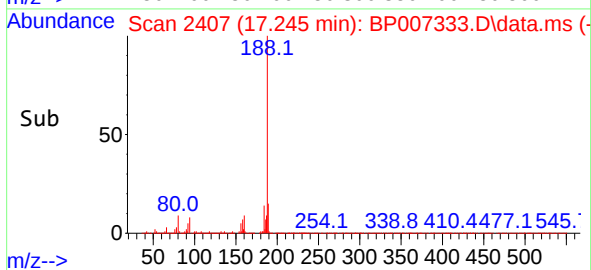
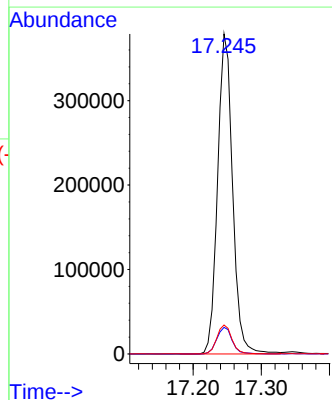
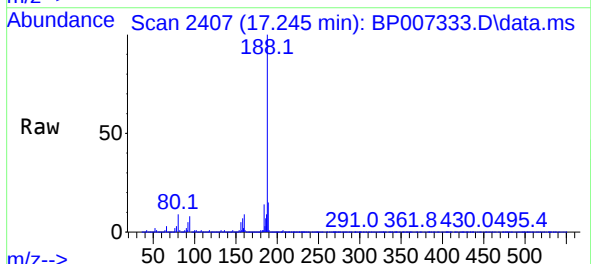
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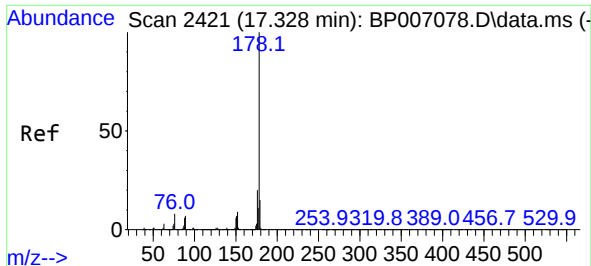
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

Tgt Ion:188 Resp: 579763
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 9.1 6.3 9.5





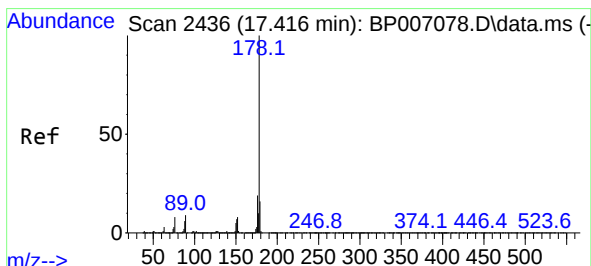
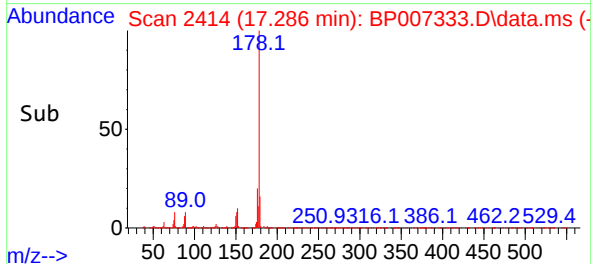
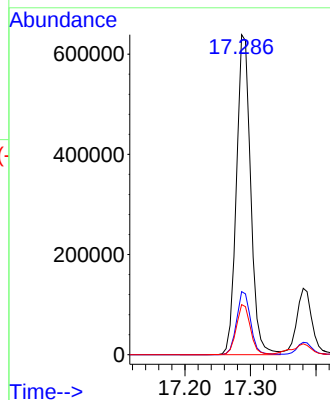
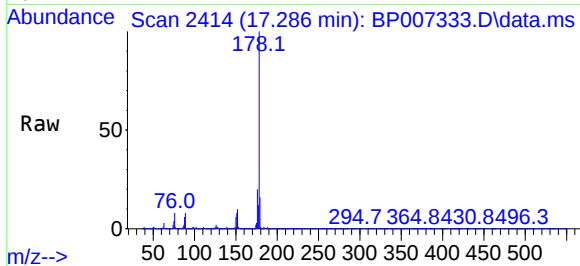
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Phenanthrene
Concen: 31.01 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

Tgt Ion:178 Resp: 963911
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.7 12.4 18.6

Instrument :
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TP-1-(3.0-3.5)

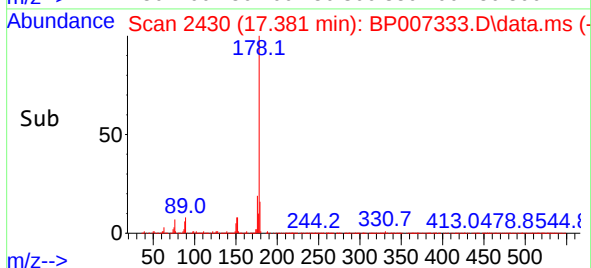
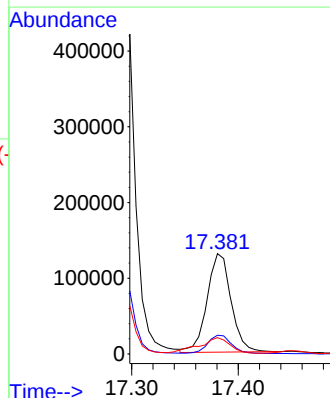
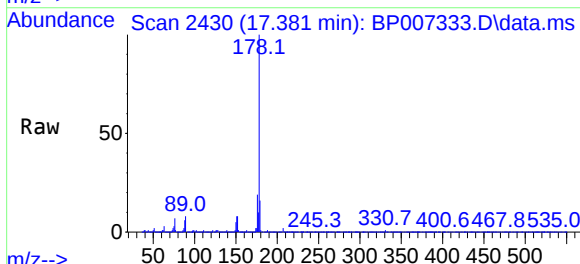
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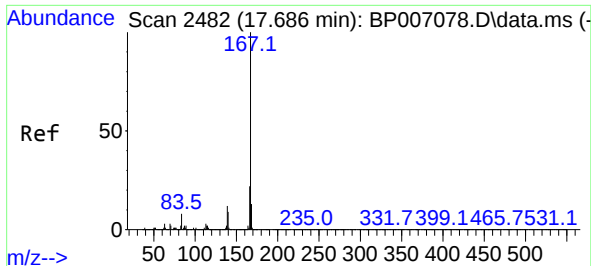
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#72
Anthracene
Concen: 6.71 ng
RT: 17.381 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

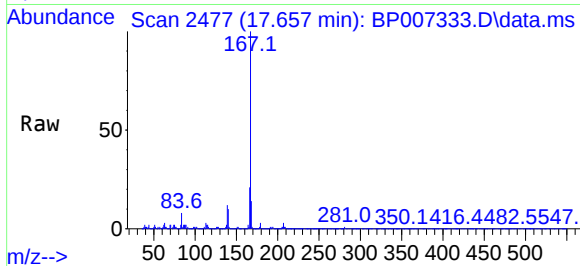
Tgt Ion:178 Resp: 204097
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 16.4 12.2 18.2





#73
 Carbazole
 Concen: 4.59 ng
 RT: 17.657 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP007333.D
 Acq: 05 Oct 2021 19:31

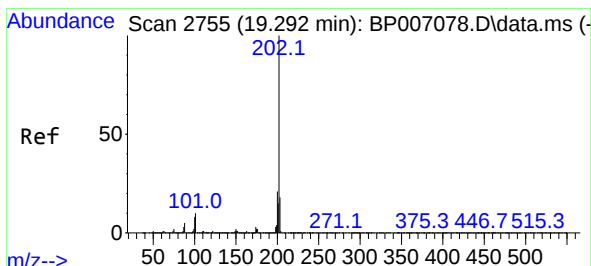
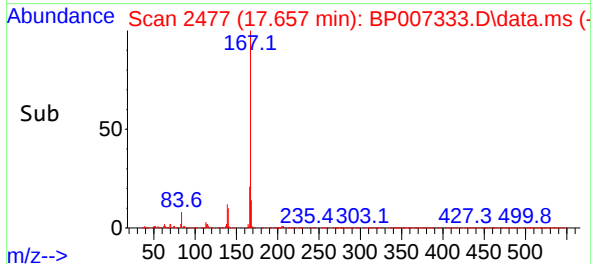
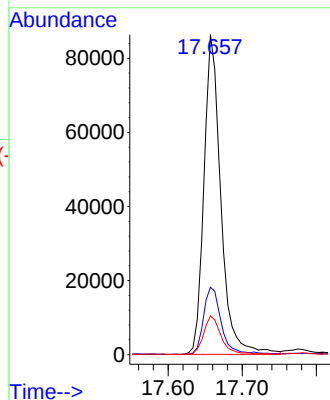
Instrument :
 BNA_P
 ClientSampleId :
 TP-1-(3.0-3.5)



Tgt Ion:167 Resp: 136889
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.1 10.7 16.1

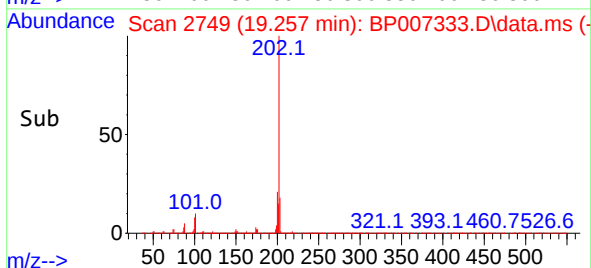
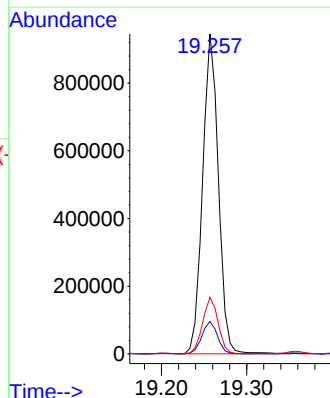
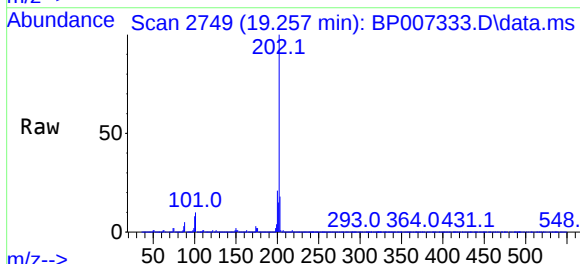
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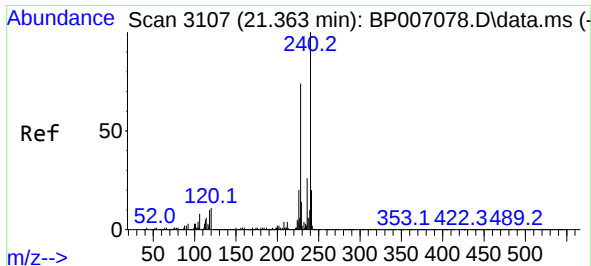
mohammad
 10/8/2021 8:32:39 AM



#75
 Fluoranthene
 Concen: 33.87 ng
 RT: 19.257 min Scan# 2749
 Delta R.T. -0.006 min
 Lab File: BP007333.D
 Acq: 05 Oct 2021 19:31

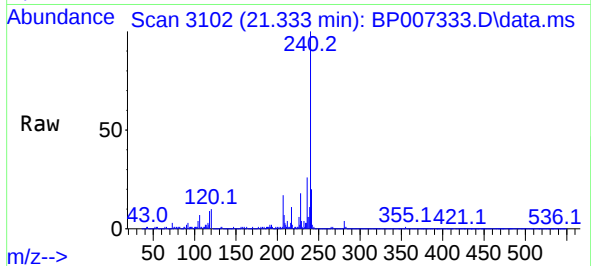
Tgt Ion:202 Resp: 1212918
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 27.6
 203 17.7 0.0 37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

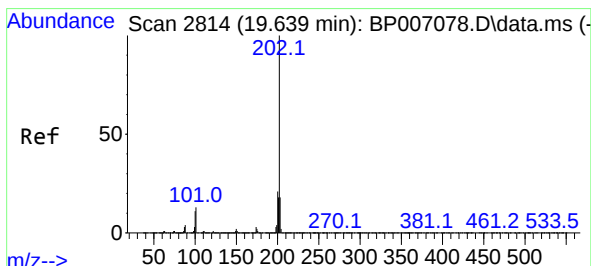
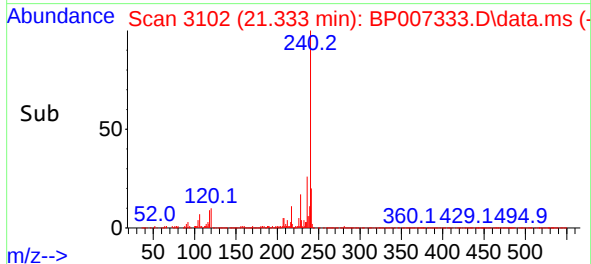
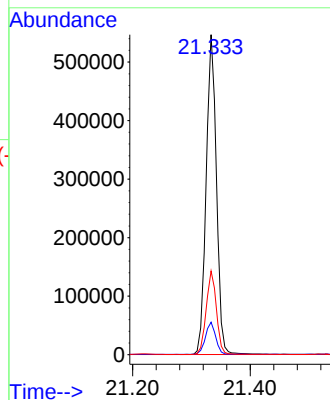
Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)



Tgt Ion:240 Resp: 668251
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 26.1 20.6 31.0

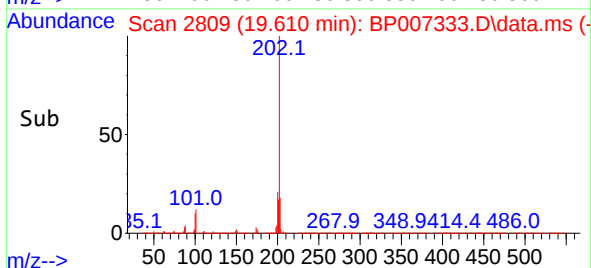
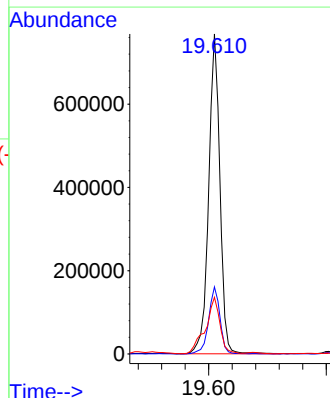
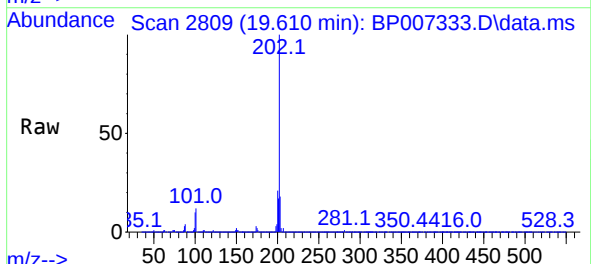
Manual Integrations
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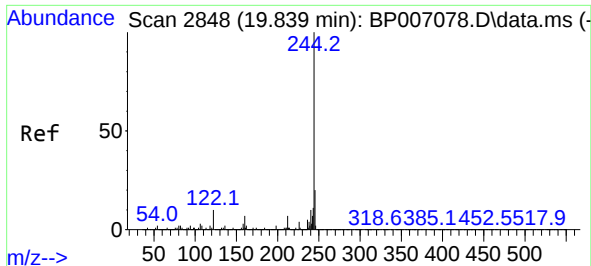
mohammad
10/8/2021 8:32:39 AM



#78
Pyrene
Concen: 23.21 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

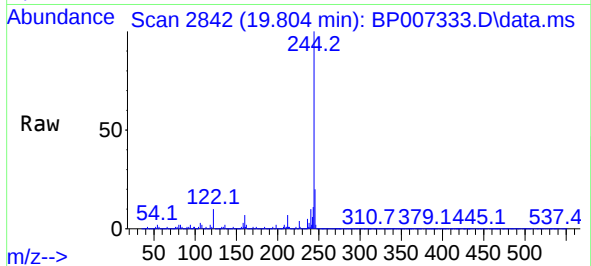
Tgt Ion:202 Resp: 1017780
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.7 14.2 21.2





#79
 Terphenyl-d14
 Concen: 54.78 ng
 RT: 19.804 min Scan# 2842
 Delta R.T. -0.006 min
 Lab File: BP007333.D
 Acq: 05 Oct 2021 19:31

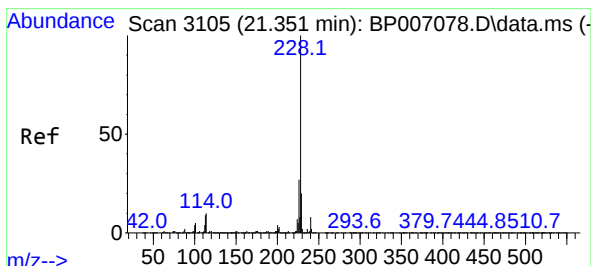
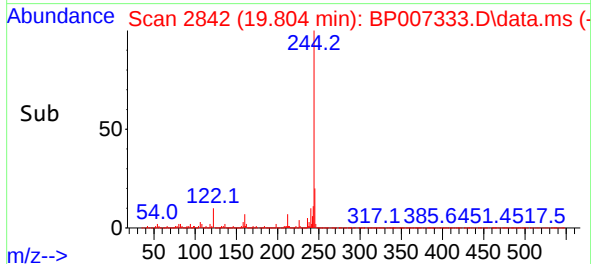
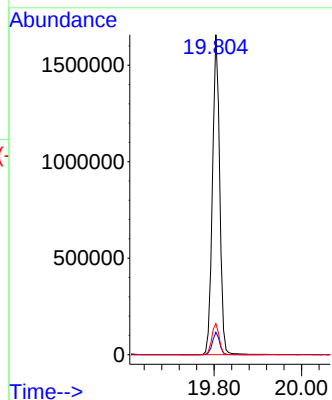
Instrument :
 BNA_P
 ClientSampleId :
 TP-1-(3.0-3.5)



Tgt Ion:244 Resp: 1910255
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.7 7.1 10.7

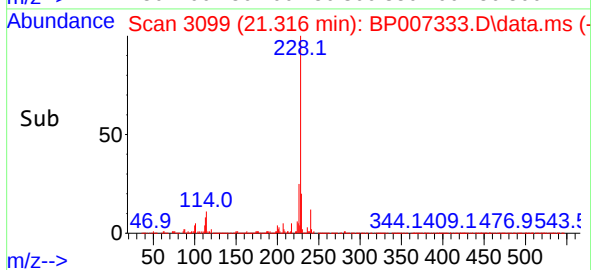
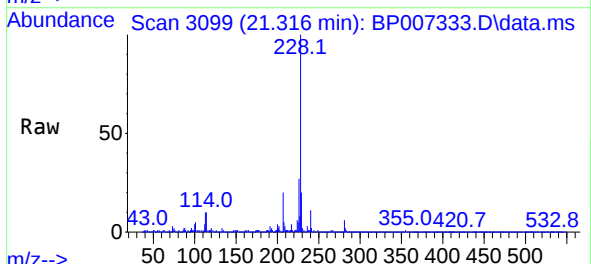
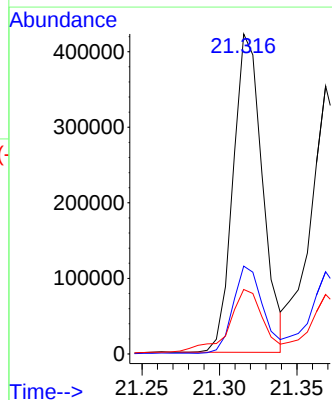
Manual Integrations
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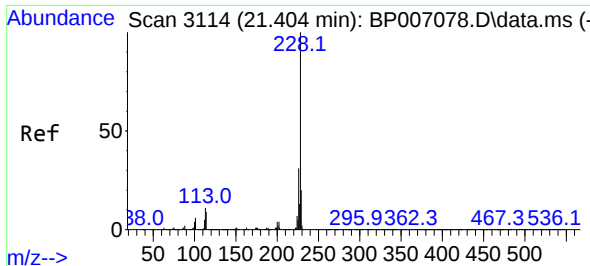
mohammad
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#81
 Benzo(a)anthracene
 Concen: 12.80 ng
 RT: 21.316 min Scan# 3099
 Delta R.T. -0.011 min
 Lab File: BP007333.D
 Acq: 05 Oct 2021 19:31

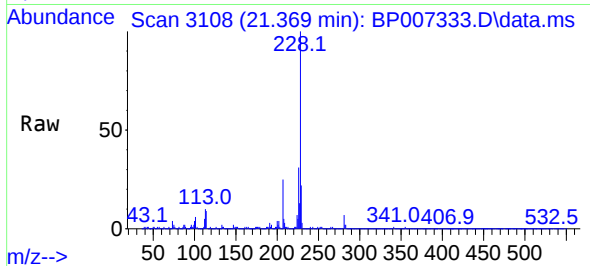
Tgt Ion:228 Resp: 555332
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.6 32.4
 229 20.1 15.8 23.6





#83
Chrysene
Concen: 12.39 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

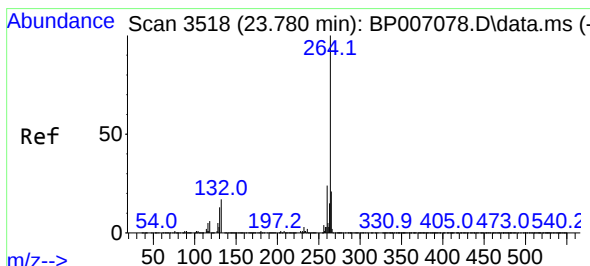
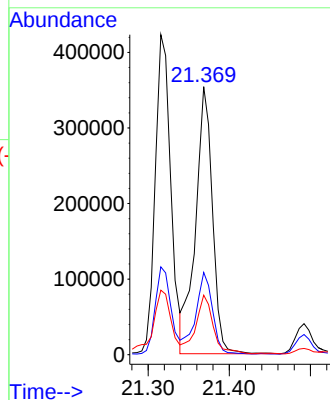
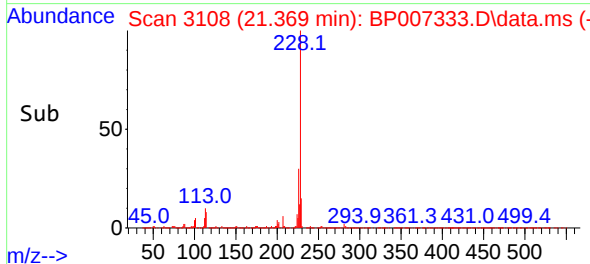
Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)



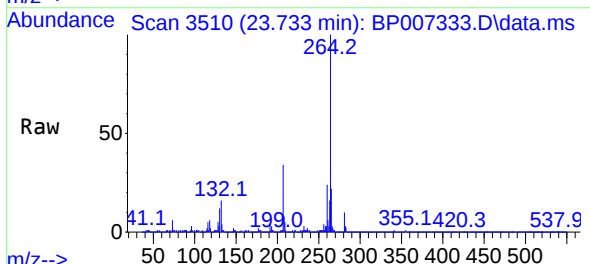
Tgt Ion:228 Resp: 513776
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 22.2 15.4 23.2

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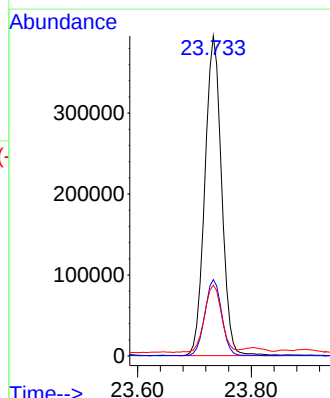
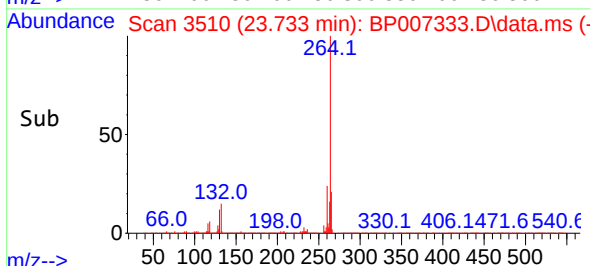
mohammad
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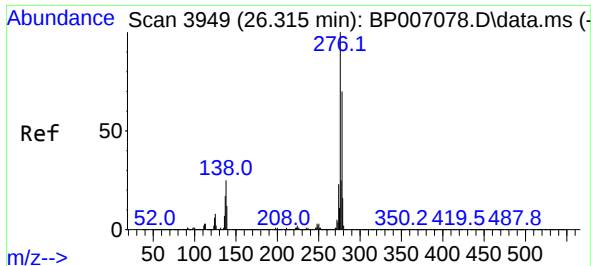


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.733 min Scan# 3510
Delta R.T. -0.012 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31



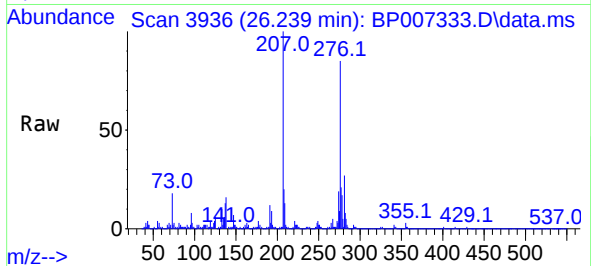
Tgt Ion:264 Resp: 803304
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.1 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.20 ng
RT: 26.239 min Scan# 3936
Delta R.T. -0.029 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

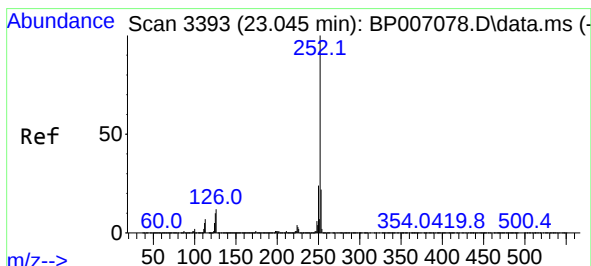
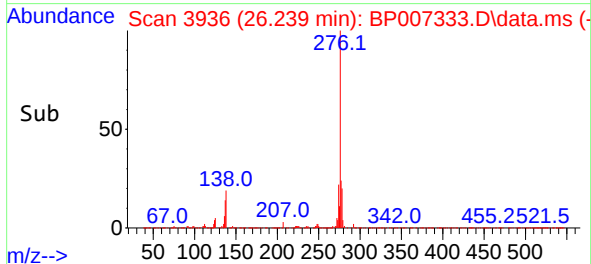
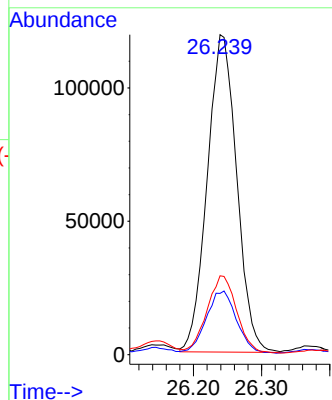
Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)



Tgt Ion:276 Resp: 357885
Ion Ratio Lower Upper
276 100
138 20.2 15.3 22.9
277 24.5 20.4 30.6

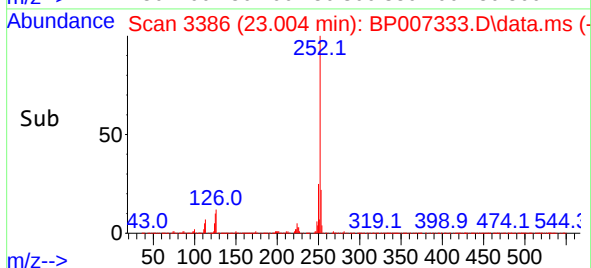
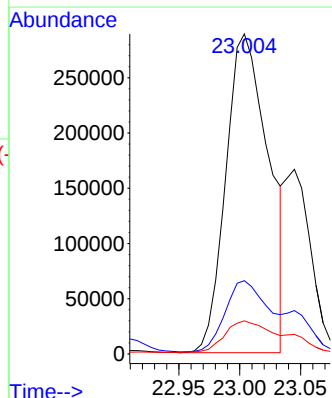
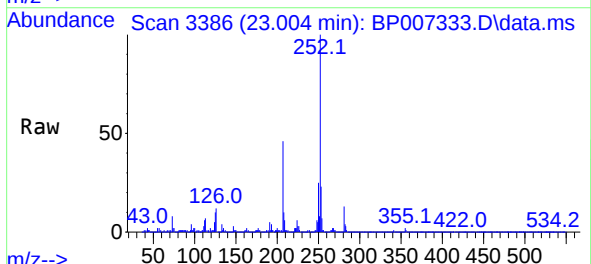
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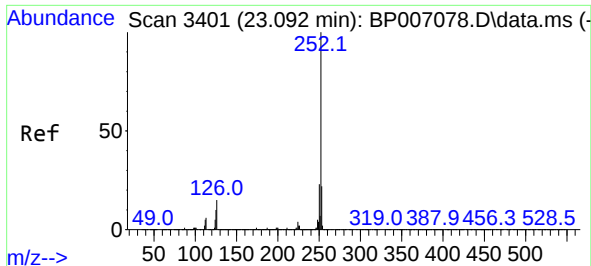
mohammad
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#88
Benzo(b)fluoranthene
Concen: 14.69 ng
RT: 23.004 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

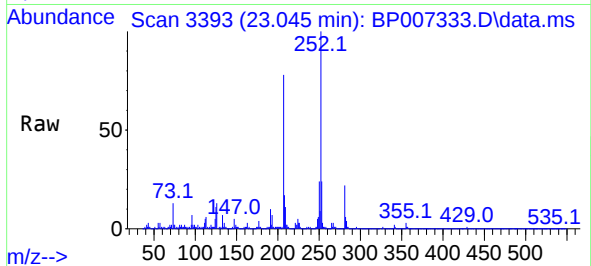
Tgt Ion:252 Resp: 705061
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 10.4 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 4.99 ng m
RT: 23.045 min Scan# 3393
Delta R.T. -0.012 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

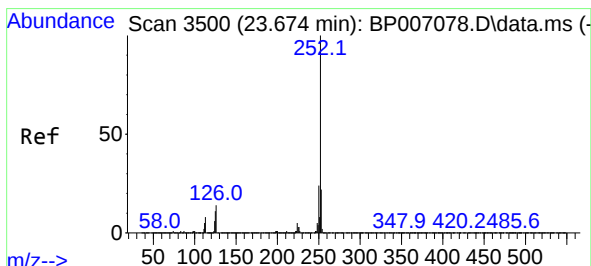
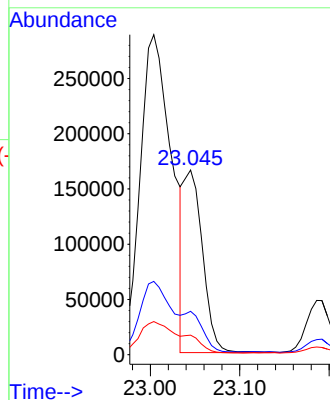
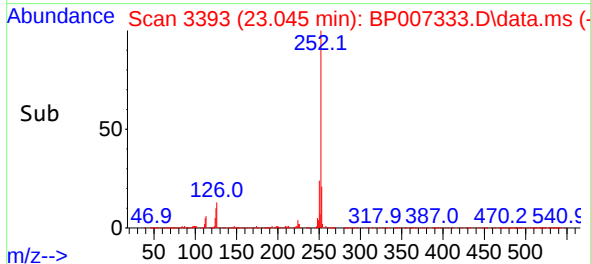
Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)



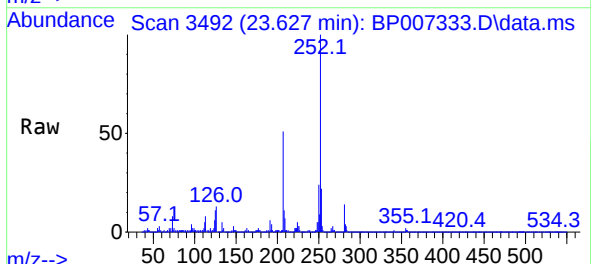
Tgt Ion:252 Resp: 242453
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 10.6 6.0 9.0#

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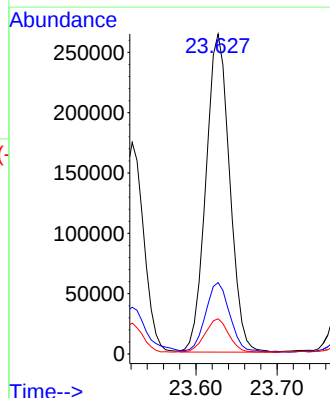
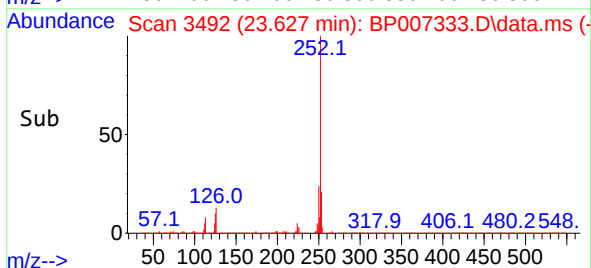
mohammad
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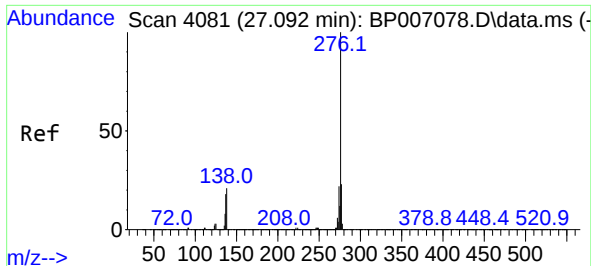


#90
Benzo(a)pyrene
Concen: 13.16 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31



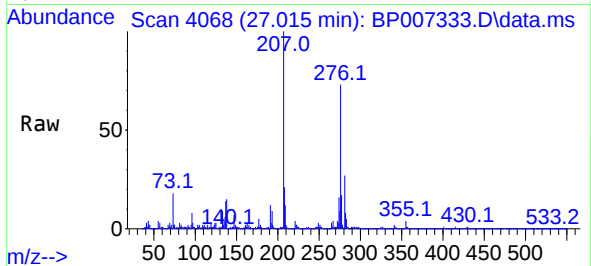
Tgt Ion:252 Resp: 536625
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.0 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 7.52 ng
RT: 27.015 min Scan# 4068
Delta R.T. -0.029 min
Lab File: BP007333.D
Acq: 05 Oct 2021 19:31

Instrument :
BNA_P
ClientSampleId :
TP-1-(3.0-3.5)



Tgt Ion: 276 Resp: 355138
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 20.7 12.6 18.8#

Manual Integrations
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mohammad
10/8/2021 8:32:39 AM

