

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006819.D
 Acq On : 21 Aug 2021 02:02
 Operator : CG/JU
 Sample : M3434-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-13-0002

Manual Integrations
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Quant Time: Aug 21 03:00:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 20 11:25:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	169244	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	694148	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	391765	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	814150	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	845252	20.000	ng	# 0.00
86) Perylene-d12	23.521	264	932464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1059148	96.121	ng	0.00
7) Phenol-d6	6.881	99	1314128	83.956	ng	0.00
23) Nitrobenzene-d5	8.851	82	907479	60.343	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	450258	109.970	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1651137	63.056	ng	0.00
79) Terphenyl-d14	19.680	244	2571008	60.949	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.057	152	895707	24.326	ng	99
58) Fluorene	15.410	166	67426	2.393	ng	# 51
71) Phenanthrene	17.139	178	1096165	23.870	ng	99
72) Anthracene	17.227	178	484908	10.928	ng	99
73) Carbazole	17.510	167	136102	3.007	ng	# 96
75) Fluoranthene	19.122	202	3419361	66.339	ng	95
78) Pyrene	19.474	202	3642054	64.509	ng	99
81) Benzo(a)anthracene	21.192	228	1482943m	26.845	ng	
83) Chrysene	21.245	228	2075153	38.749	ng	97
87) Indeno(1,2,3-cd)pyrene	25.909	276	1530635m	22.638	ng	
88) Benzo(b)fluoranthene	22.827	252	2958574	48.819	ng	# 95
89) Benzo(k)fluoranthene	22.862	252	799219m	13.736	ng	
90) Benzo(a)pyrene	23.421	252	1866146	34.331	ng	# 94
91) Dibenzo(a,h)anthracene	25.921	278	385455	6.594	ng	# 82
92) Benzo(g,h,i)perylene	26.651	276	1543498	27.553	ng	# 91

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

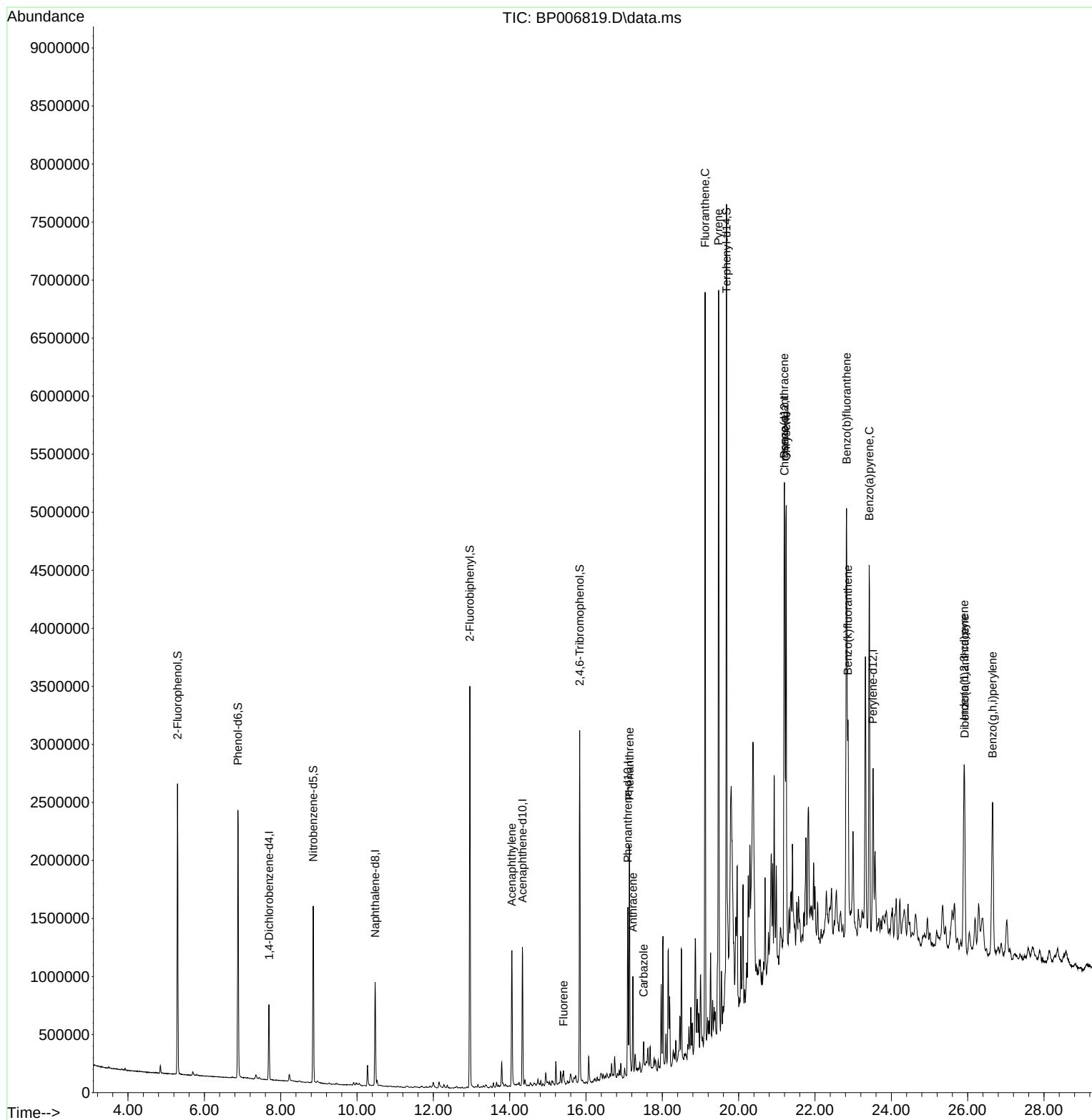
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006819.D
Acq On : 21 Aug 2021 02:02
Operator : CG/JU
Sample : M3434-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

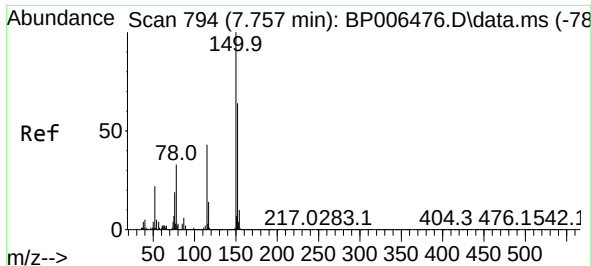
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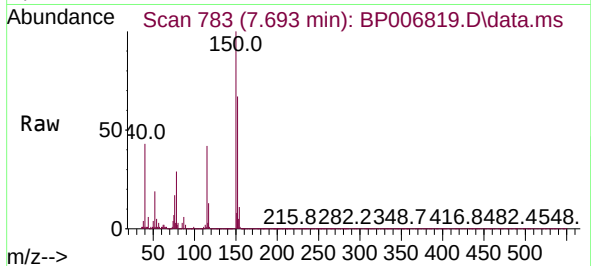
Quant Time: Aug 21 03:00:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 20 11:25:25 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

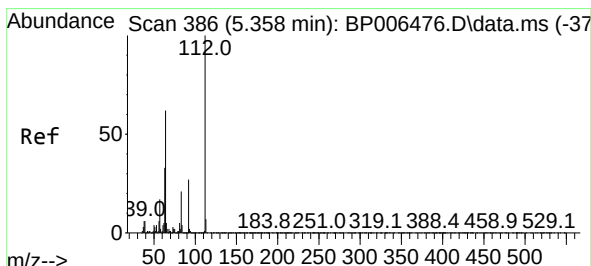
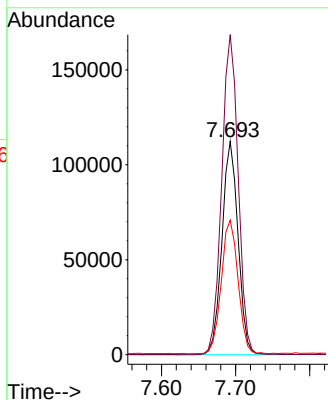
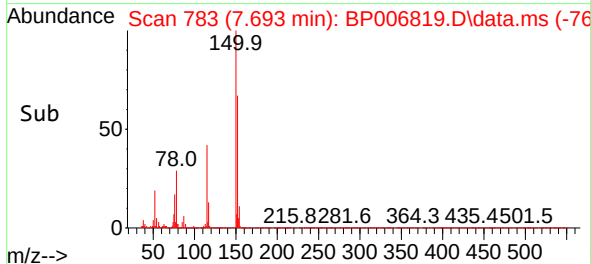
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BNA_P
ClientSampleId :
SWCS-13-0002



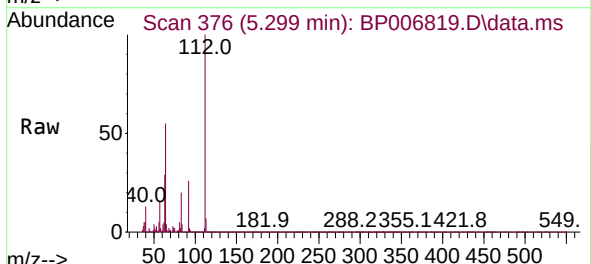
Tgt Ion:152 Resp: 169244
Ion Ratio Lower Upper
152 100
150 150.0 125.6 188.4
115 63.1 48.5 72.7

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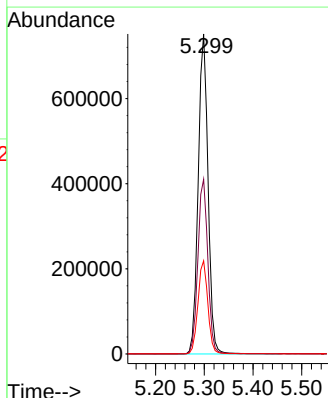
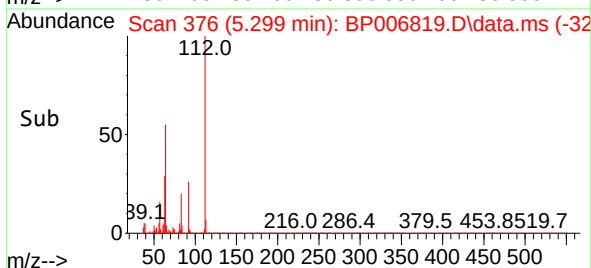
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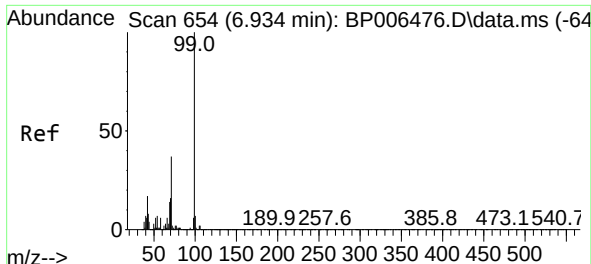


#5
2-Fluorophenol
Concen: 96.121 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



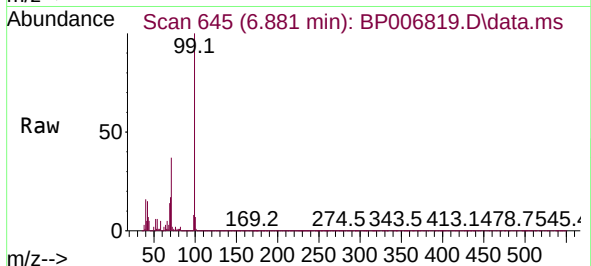
Tgt Ion:112 Resp: 1059148
Ion Ratio Lower Upper
112 100
64 54.6 41.4 62.2
63 29.1 23.8 35.8





#7
Phenol-d6
Concen: 83.956 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

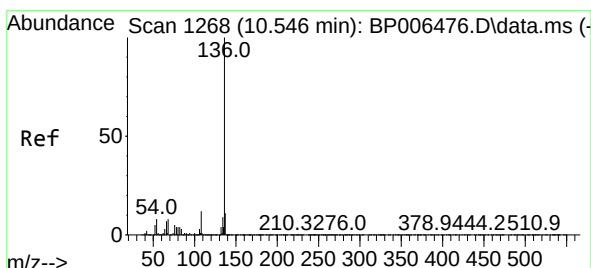
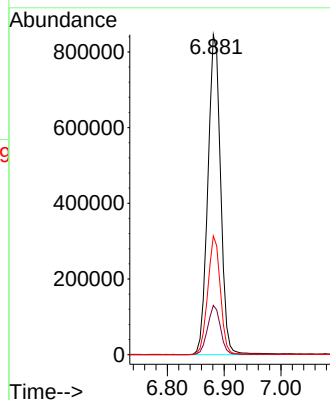
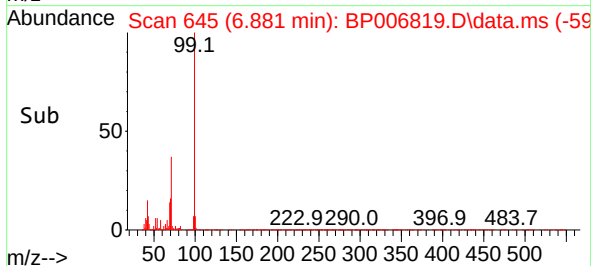
Instrument :
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ClientSampleId :
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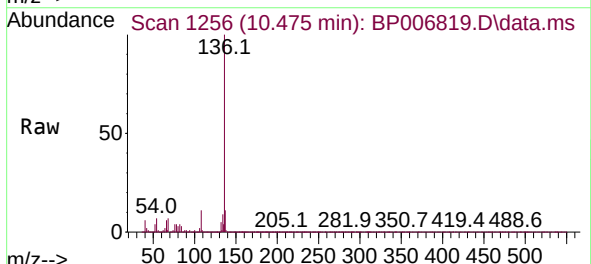
Tgt Ion: 99 Resp: 1314128
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.0
71 37.1 30.6 46.0

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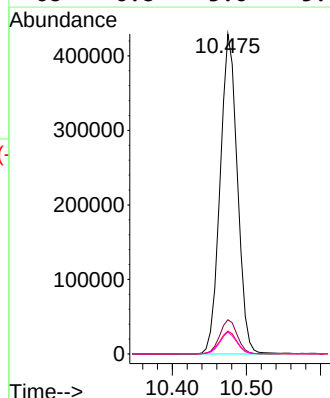
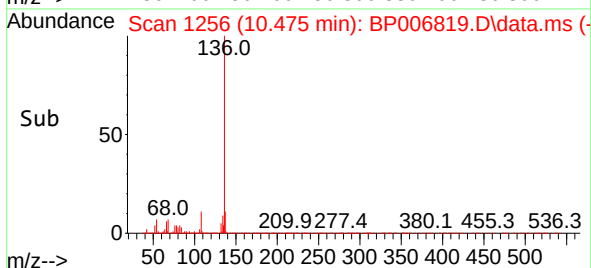
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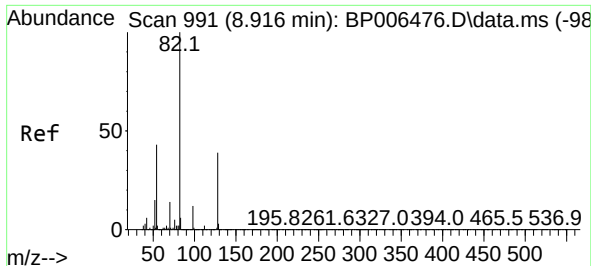


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



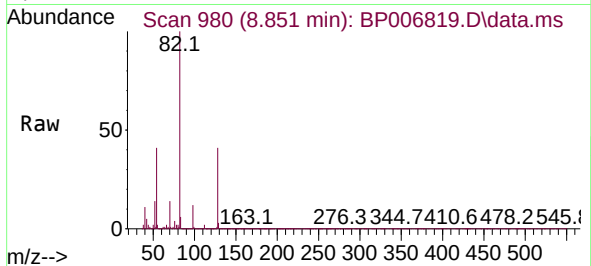
Tgt Ion: 136 Resp: 694148
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.1 4.6 6.8#
68 6.8 3.6 5.4#





#23
Nitrobenzene-d5
Concen: 60.343 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

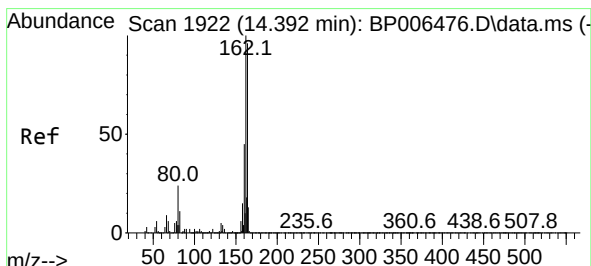
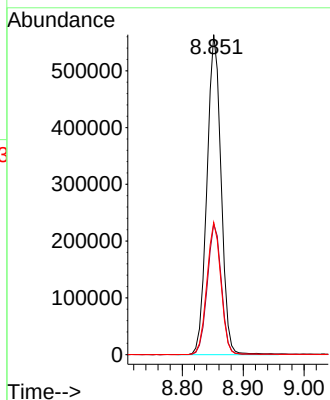
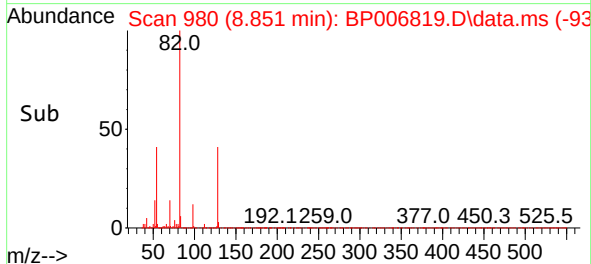
Instrument :
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ClientSampleId :
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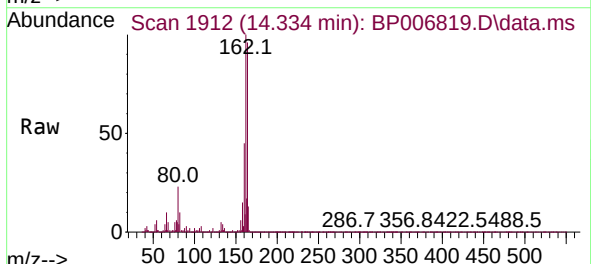
Tgt Ion: 82 Resp: 907479
Ion Ratio Lower Upper
82 100
128 40.8 35.7 53.5
54 41.4 35.0 52.4

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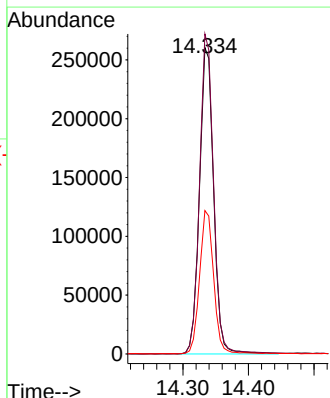
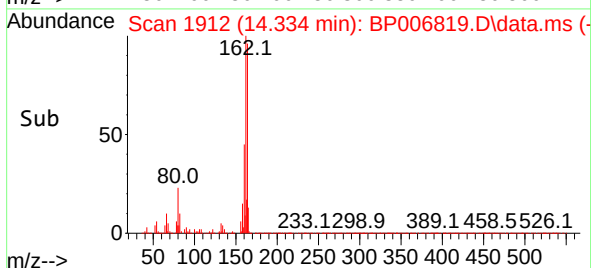
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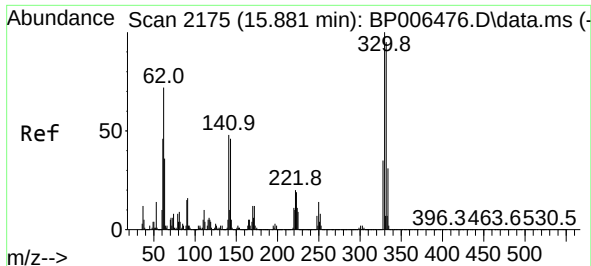


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



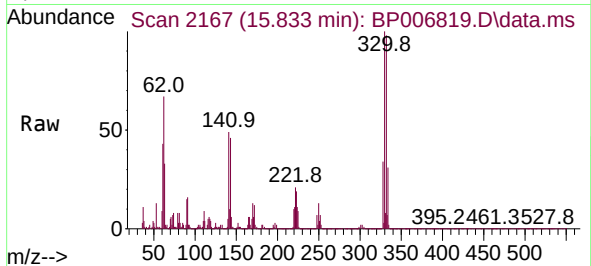
Tgt Ion: 164 Resp: 391765
Ion Ratio Lower Upper
164 100
162 104.4 80.2 120.2
160 46.8 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 109.970 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

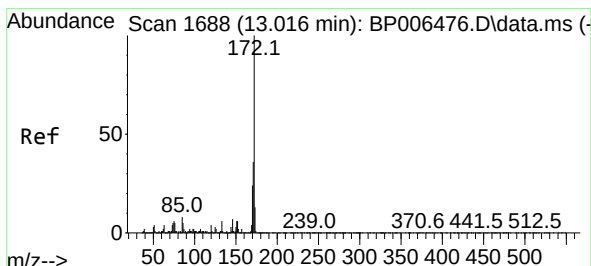
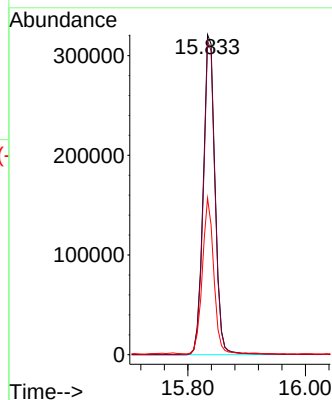
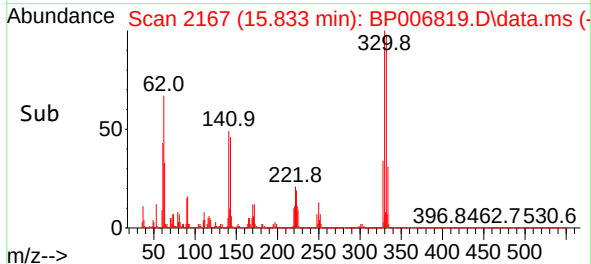
Instrument :
BNA_P
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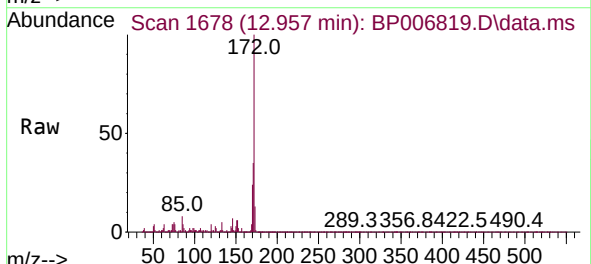
Tgt Ion:330 Resp: 450258
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 46.5 25.4 38.2#

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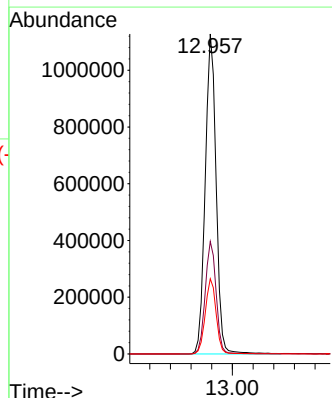
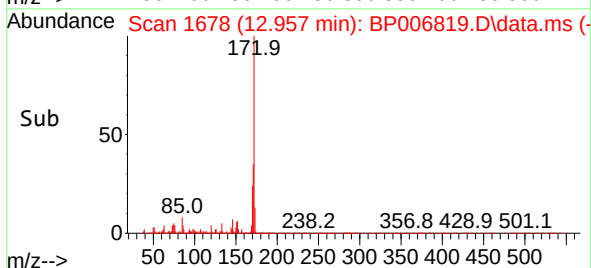
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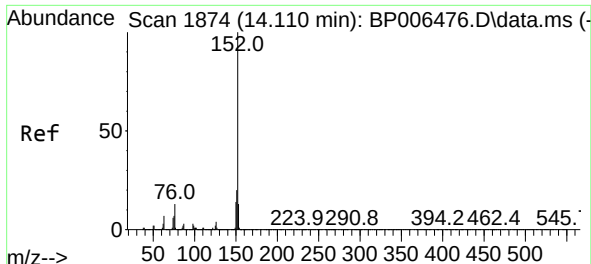


#45
2-Fluorobiphenyl
Concen: 63.056 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



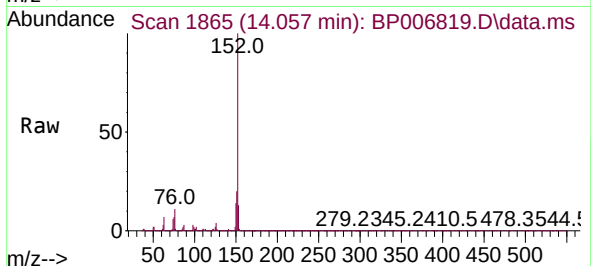
Tgt Ion:172 Resp: 1651137
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.5 18.6 27.8





#49
Acenaphthylene
Concen: 24.326 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

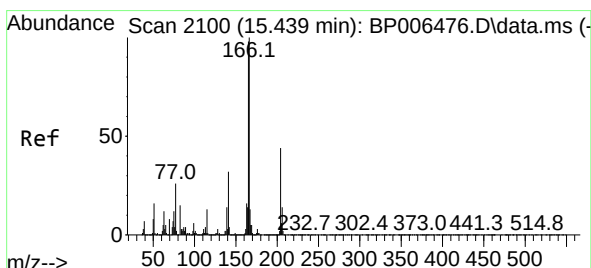
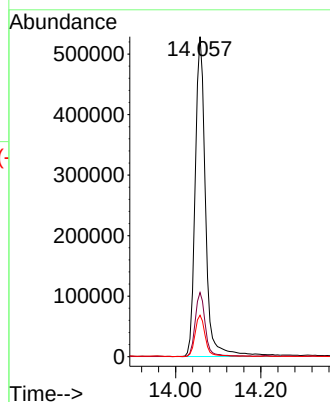
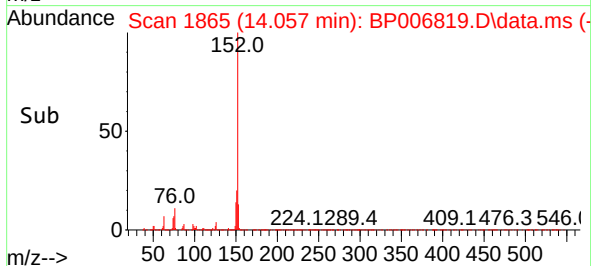
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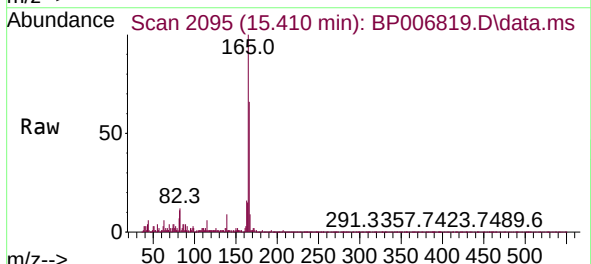
Tgt Ion:152 Resp: 895707
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.9 10.6 16.0

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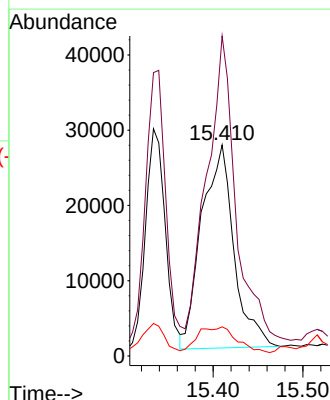
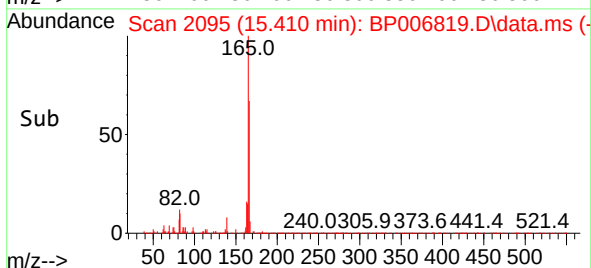
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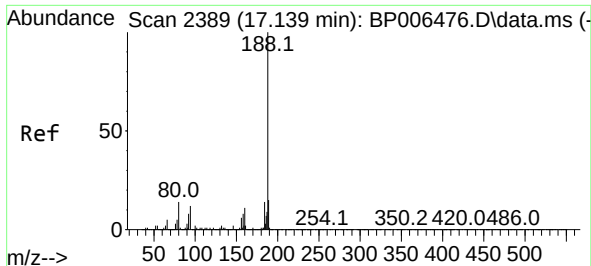


#58
Fluorene
Concen: 2.393 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.018 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



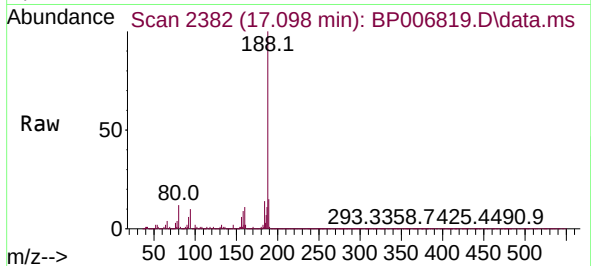
Tgt Ion:166 Resp: 67426
Ion Ratio Lower Upper
166 100
165 151.6 78.0 117.0#
167 13.8 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

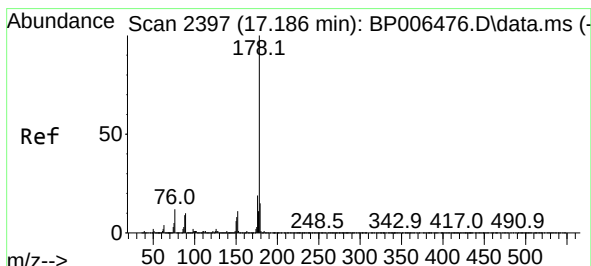
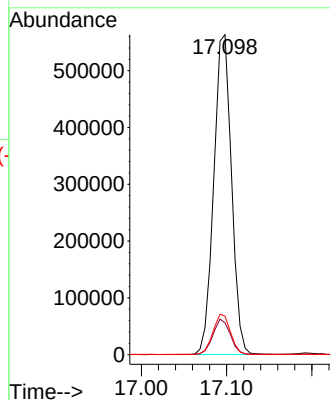
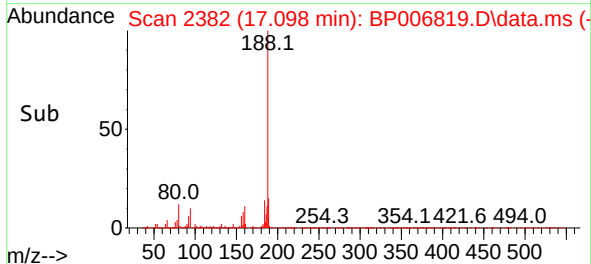
Instrument :
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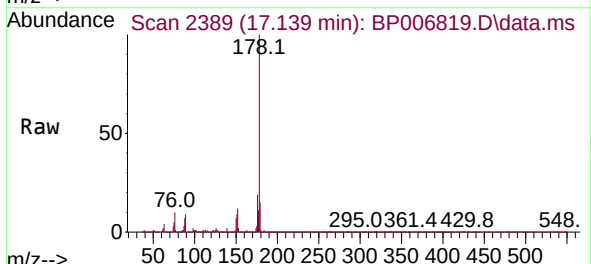
Tgt Ion:188 Resp: 814150
Ion Ratio Lower Upper
188 100
94 9.9 5.6 8.4#
80 12.1 6.3 9.5#

Manual Integrations
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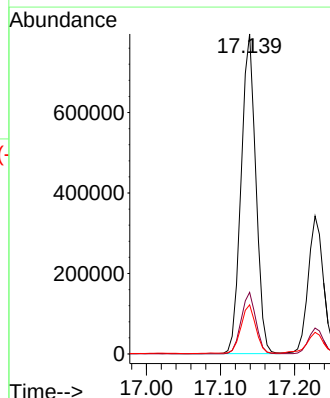
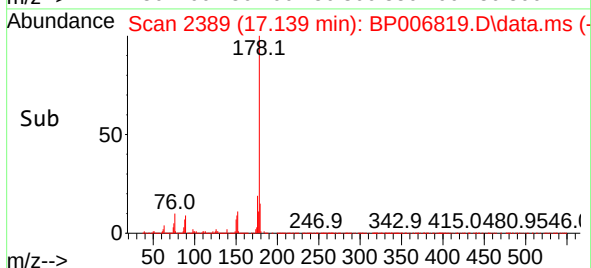
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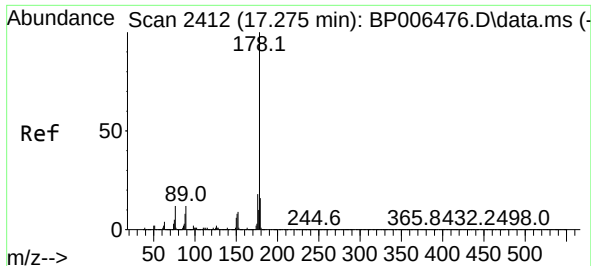


#71
Phenanthrene
Concen: 23.870 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



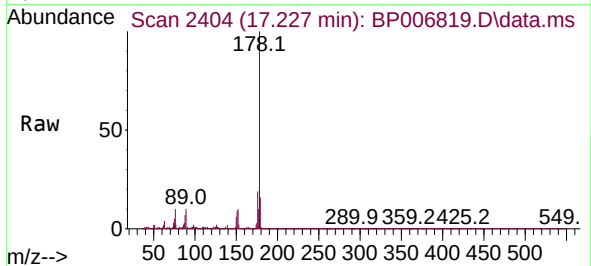
Tgt Ion:178 Resp: 1096165
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.4 18.6





#72
 Anthracene
 Concen: 10.928 ng
 RT: 17.227 min Scan# 2404
 Delta R.T. -0.006 min
 Lab File: BP006819.D
 Acq: 21 Aug 2021 02:02

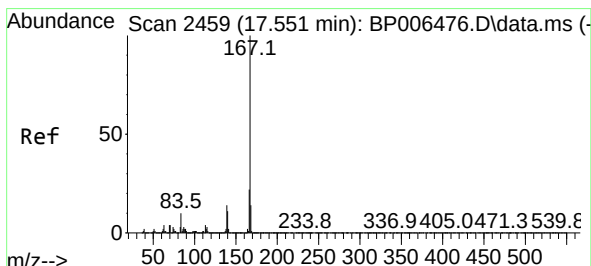
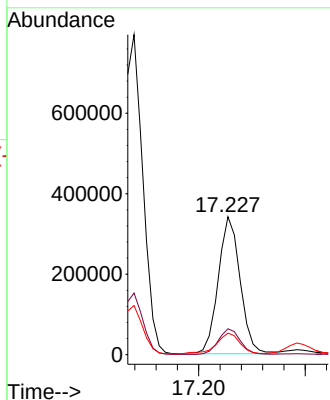
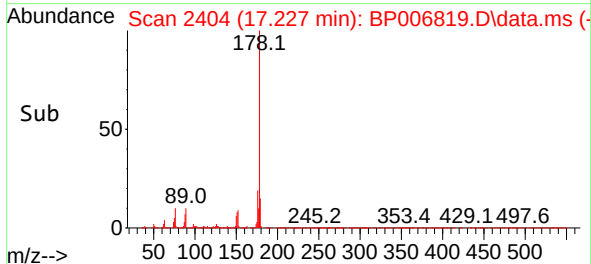
Instrument :
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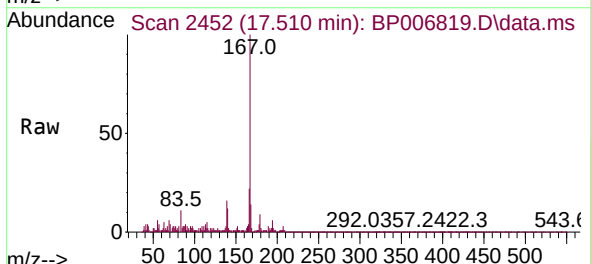
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 Ion Ratio Lower Upper
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 176 18.8 14.9 22.3
 179 15.7 12.2 18.2

Manual Integrations
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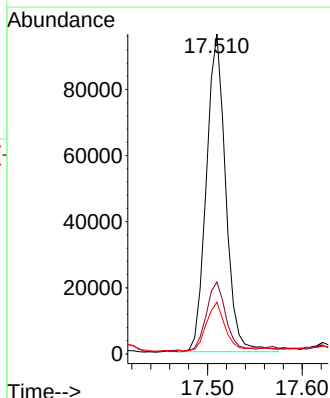
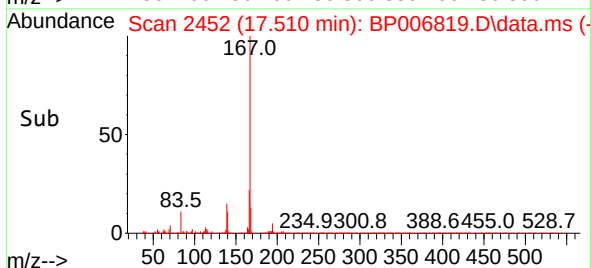
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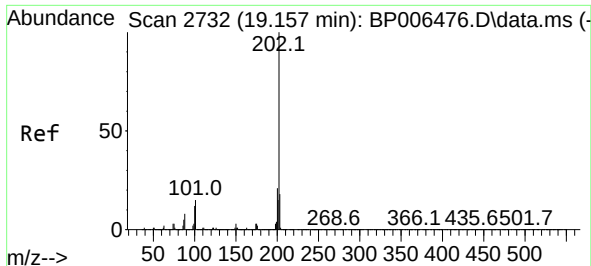


#73
 Carbazole
 Concen: 3.007 ng
 RT: 17.510 min Scan# 2452
 Delta R.T. 0.000 min
 Lab File: BP006819.D
 Acq: 21 Aug 2021 02:02



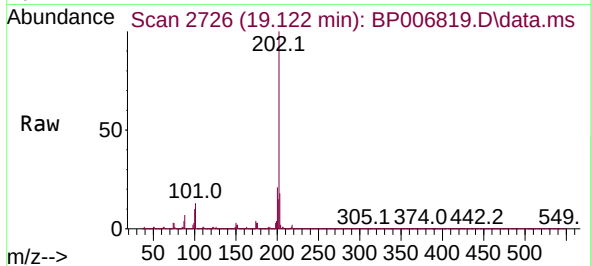
Tgt Ion:167 Resp: 136102
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.1 25.7
 139 16.2 10.7 16.1#





#75
Fluoranthene
Concen: 66.339 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

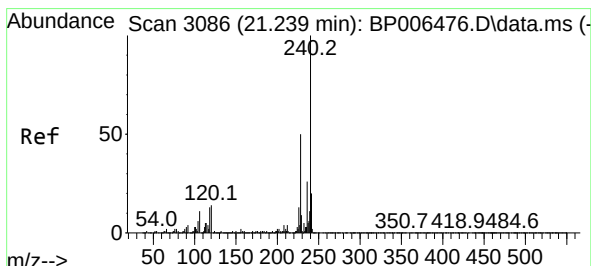
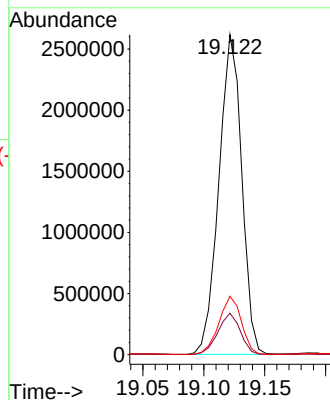
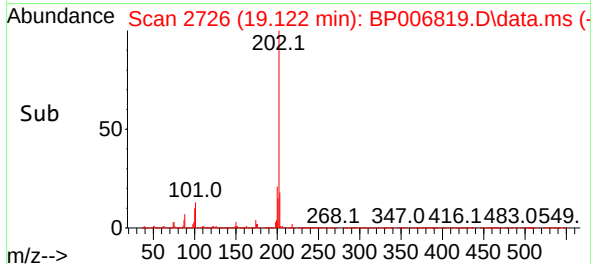
Instrument :
BNA_P
ClientSampleId :
SWCS-13-0002



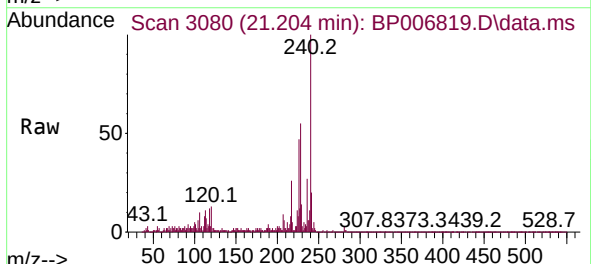
Tgt Ion:202 Resp: 3419361
Ion Ratio Lower Upper
202 100
101 13.0 0.0 27.6
203 18.2 0.0 37.8

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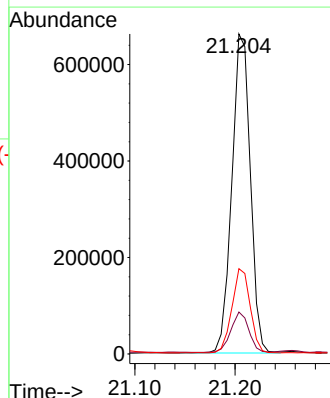
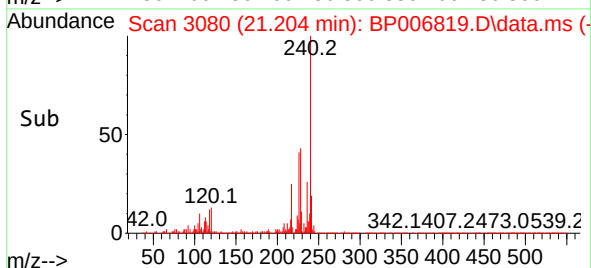
mohammad
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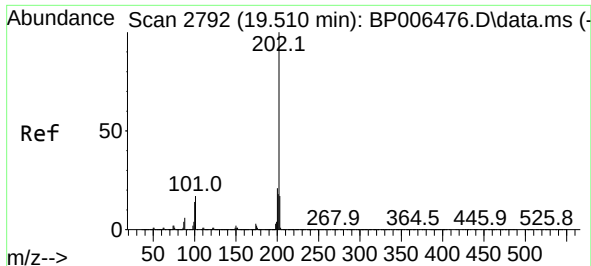


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



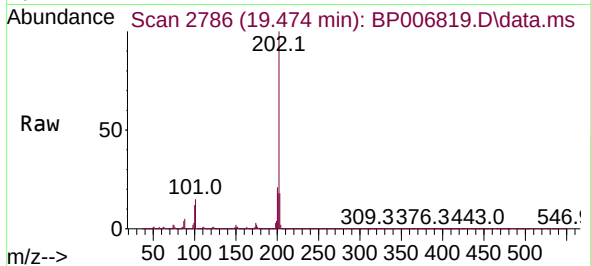
Tgt Ion:240 Resp: 845252
Ion Ratio Lower Upper
240 100
120 13.1 6.5 9.7#
236 26.6 20.6 31.0





#78
Pyrene
Concen: 64.509 ng
RT: 19.474 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

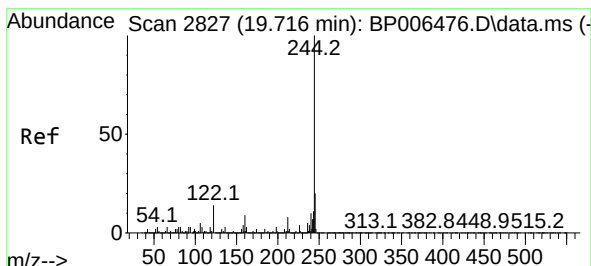
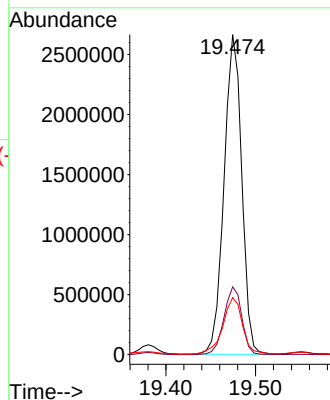
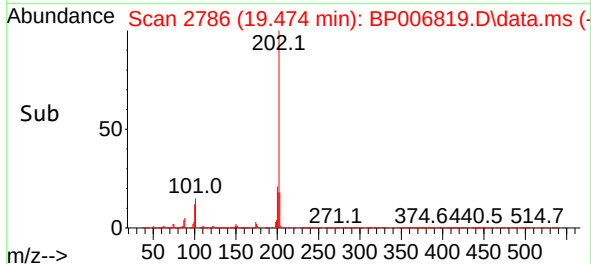
Instrument :
BNA_P
ClientSampleId :
SWCS-13-0002



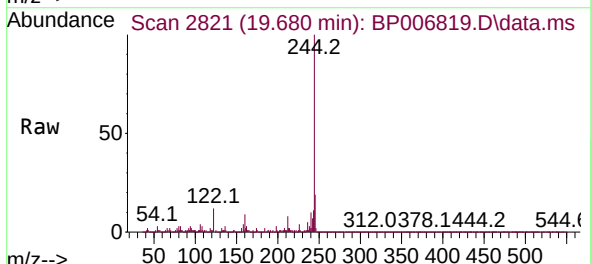
Tgt Ion:202 Resp: 3642054
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 17.8 14.2 21.2

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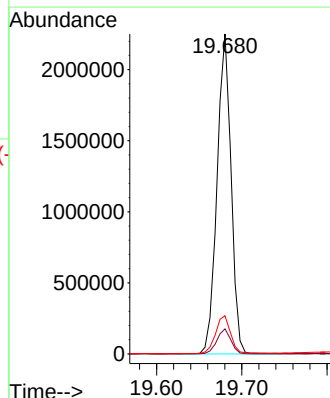
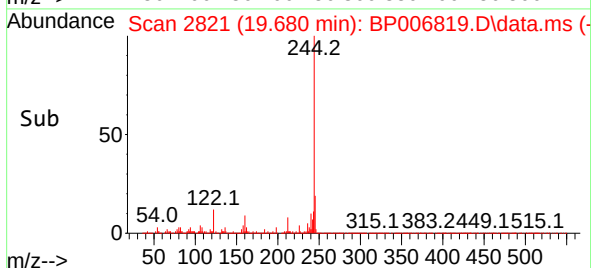
mohammad
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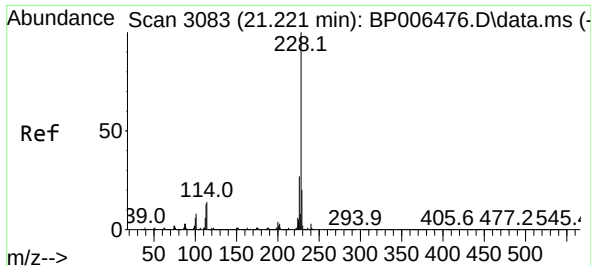


#79
Terphenyl-d14
Concen: 60.949 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



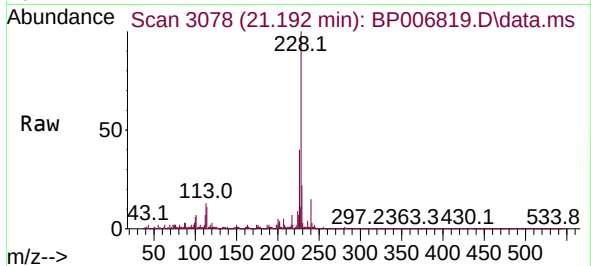
Tgt Ion:244 Resp: 2571008
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 11.9 7.1 10.7#





#81
Benzo(a)anthracene
Concen: 26.845 ng m
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

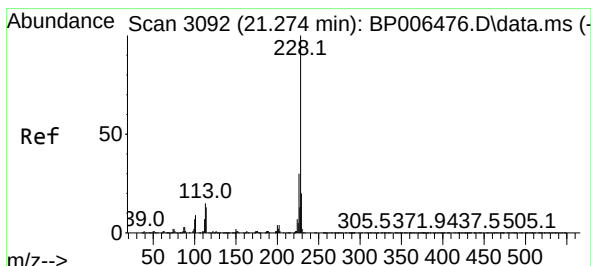
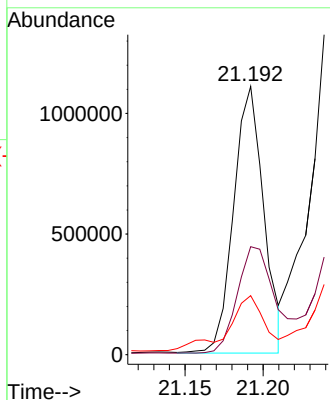
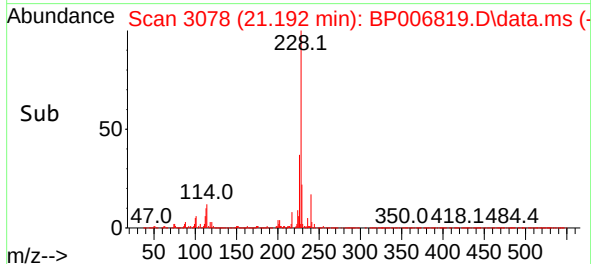
Instrument :
BNA_P
ClientSampleId :
SWCS-13-0002



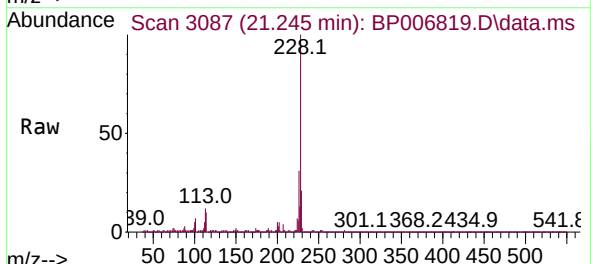
Tgt Ion:228 Resp: 1482943
Ion Ratio Lower Upper
228 100
226 40.3 21.6 32.4#
229 22.0 15.8 23.6

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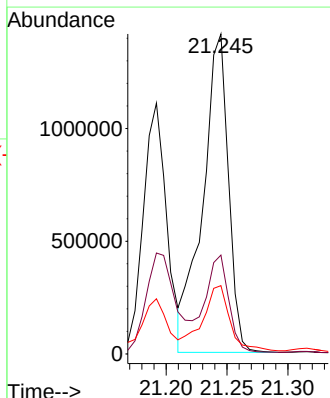
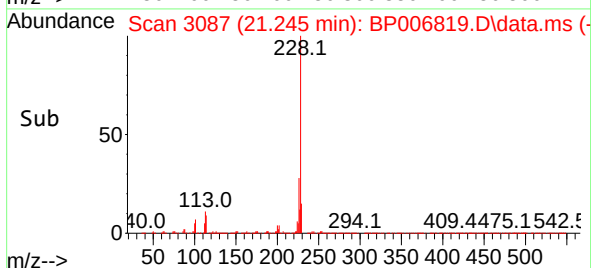
mohammad
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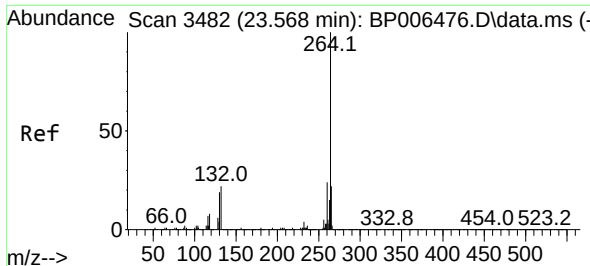


#83
Chrysene
Concen: 38.749 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



Tgt Ion:228 Resp: 2075153
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.6
229 21.4 15.4 23.2





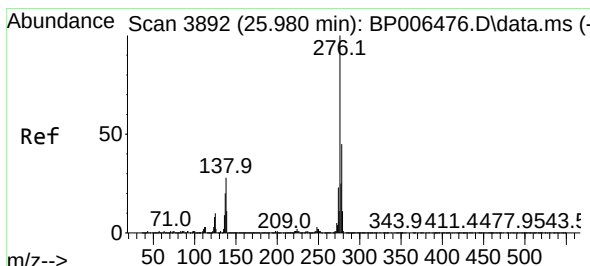
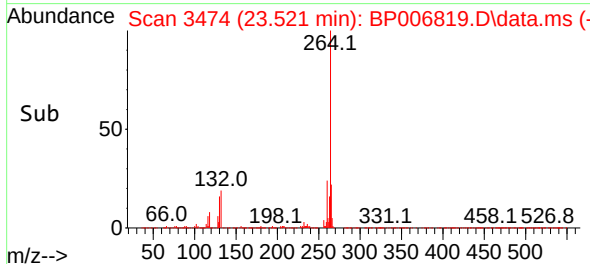
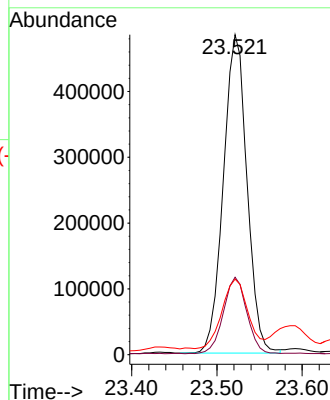
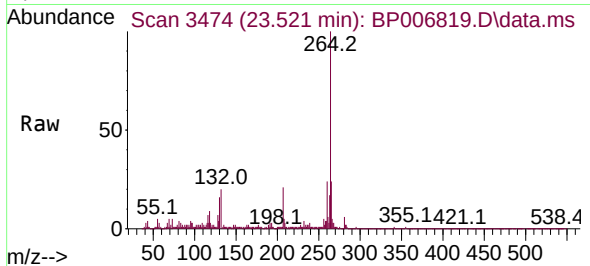
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion: 264 Resp: 932464
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 23.6 17.6 26.4

Instrument :
BNA_P
ClientSampleId :
SWCS-13-0002

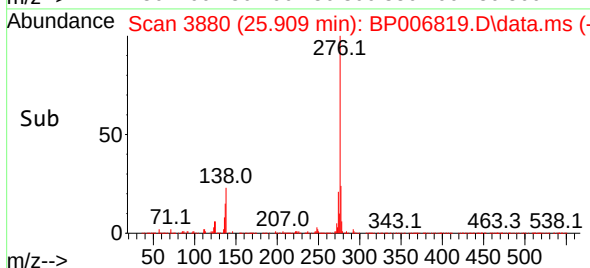
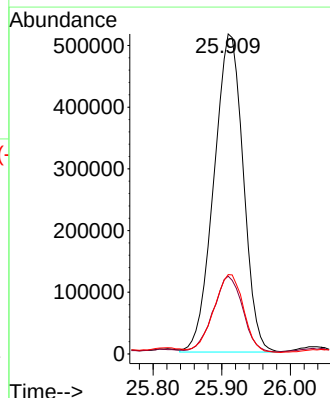
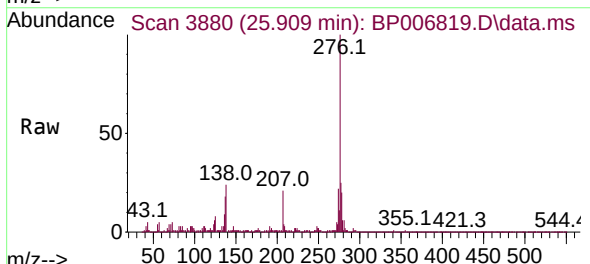
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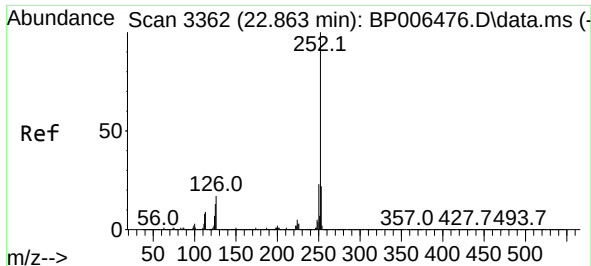
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#87
Indeno(1,2,3-cd)pyrene
Concen: 22.638 ng m
RT: 25.909 min Scan# 3880
Delta R.T. 0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

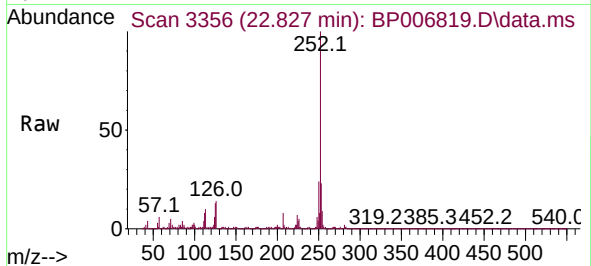
Tgt Ion: 276 Resp: 1530635
Ion Ratio Lower Upper
276 100
138 2.3 15.3 22.9#
277 2.7 20.4 30.6#





#88
Benzo(b)fluoranthene
Concen: 48.819 ng
RT: 22.827 min Scan# 3356
Delta R.T. 0.012 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

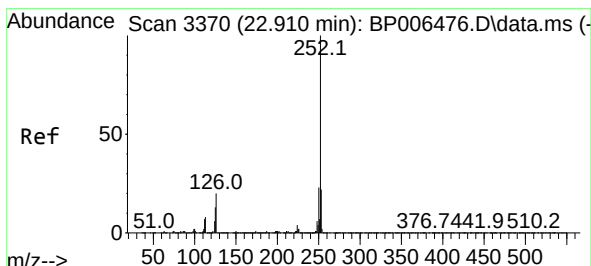
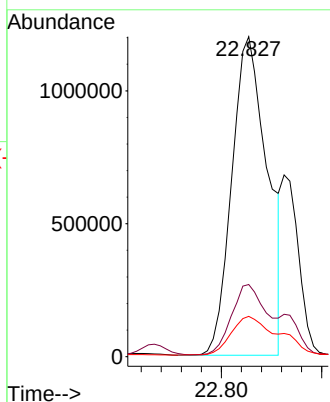
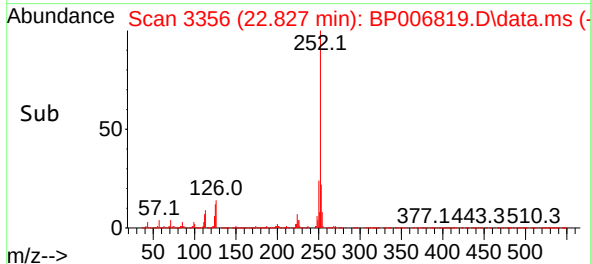
Instrument :
BNA_P
ClientSampleId :
SWCS-13-0002



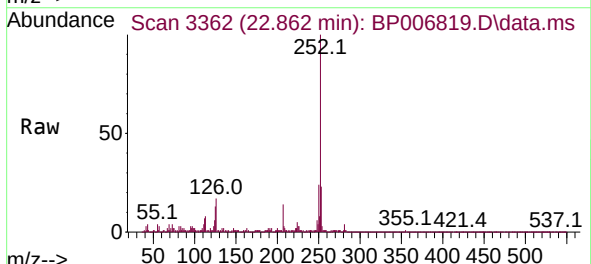
Tgt Ion:252 Resp: 2958574
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 12.6 6.2 9.4#

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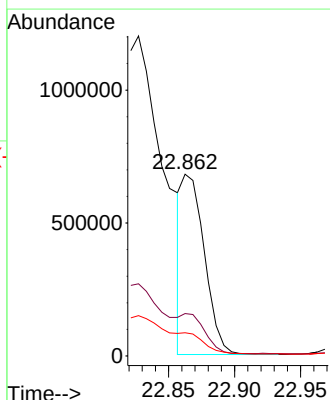
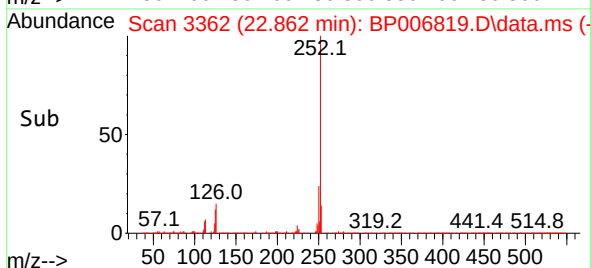
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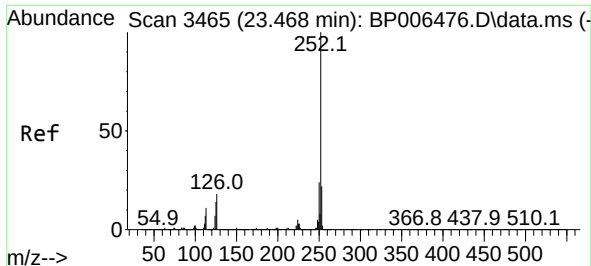


#89
Benzo(k)fluoranthene
Concen: 13.736 ng m
RT: 22.862 min Scan# 3362
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



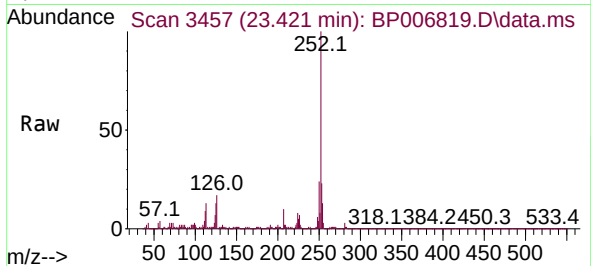
Tgt Ion:252 Resp: 799219
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 12.8 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 34.331 ng
RT: 23.421 min Scan# 3457
Delta R.T. 0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

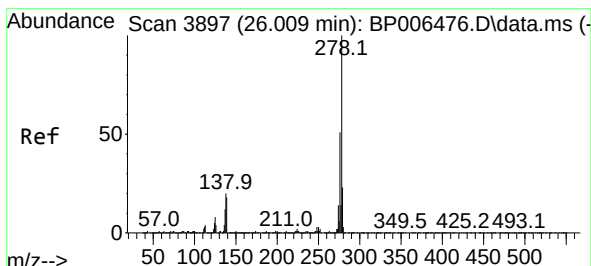
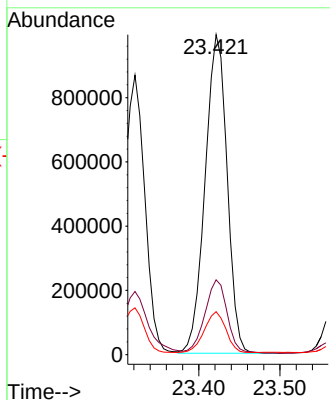
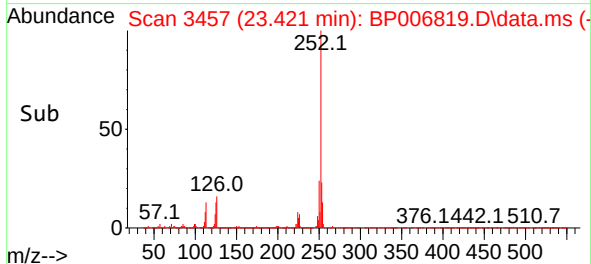
Instrument :
BNA_P
ClientSampleId :
SWCS-13-0002



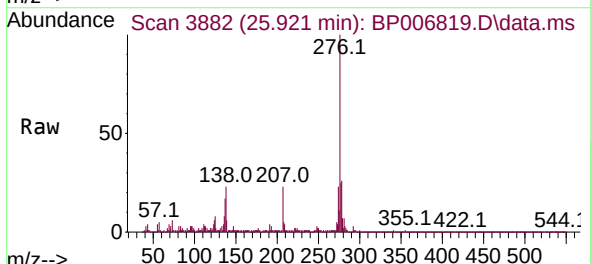
Tgt Ion:252 Resp: 1866146
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 13.4 6.5 9.7#

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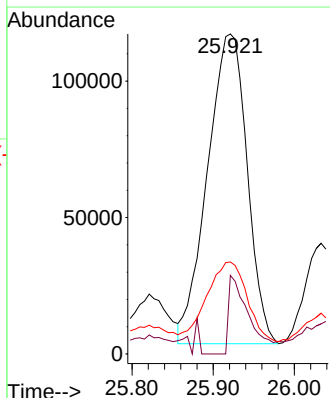
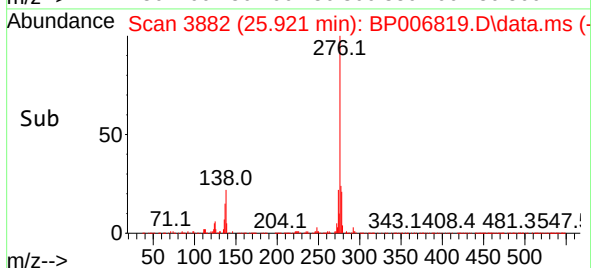
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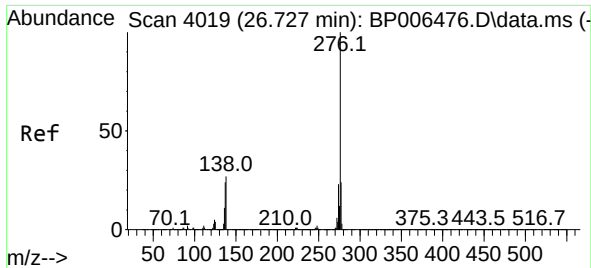


#91
Dibenzo(a,h)anthracene
Concen: 6.594 ng
RT: 25.921 min Scan# 3882
Delta R.T. -0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02



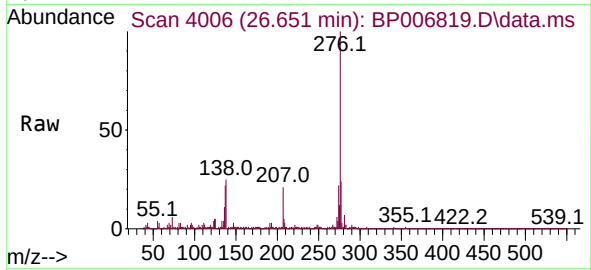
Tgt Ion:278 Resp: 385455
Ion Ratio Lower Upper
278 100
139 24.6 9.3 13.9#
279 28.8 18.8 28.2#





#92
Benzo(g,h,i)perylene
Concen: 27.553 ng
RT: 26.651 min Scan# 4006
Delta R.T. 0.012 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Instrument :
BNA_P
ClientSampleId :
SWCS-13-0002



Tgt Ion: 276 Resp: 1543498
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 25.2 12.6 18.8#

Manual Integrations
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