

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
 Data File : BP006103.D
 Acq On : 29 Jun 2021 22:01
 Operator : CG/JU
 Sample : M2886-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 26878

Manual Integrations
 APPROVED

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 6/30/2021 2:14:04 PM

Quant Time: Jun 30 01:14:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	94364	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	335221	20.000	ng	# 0.00
39) Acenaphthene-d10	14.540	164	212686	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	354587	20.000	ng	# 0.03
76) Chrysene-d12	21.374	240	459075	20.000	ng	# 0.02
86) Perylene-d12	23.763	264	525866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	459036	78.058	ng	0.00
7) Phenol-d6	7.087	99	537064	70.460	ng	0.00
23) Nitrobenzene-d5	9.069	82	323215	47.271	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	279032	76.450	ng	0.02
45) 2-Fluorobiphenyl	13.157	172	671198	41.440	ng	0.00
79) Terphenyl-d14	19.851	244	1149196	46.874	ng	0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.693	107	23876	3.407	ng	# 80
60) Diethylphthalate	15.334	149	82653	4.711	ng	# 49
71) Phenanthrene	17.351	178	301005	14.135	ng	# 71
72) Anthracene	17.445	178	49154	2.345	ng	# 1
73) Carbazole	17.704	167	67678	3.363	ng	# 1
75) Fluoranthene	19.316	202	933189	36.086	ng	92
78) Pyrene	19.669	202	778831	24.301	ng	# 93
81) Benzo(a)anthracene	21.357	228	440556m	13.294	ng	
83) Chrysene	21.410	228	557191	17.360	ng	96
87) Indeno(1,2,3-cd)pyrene	26.280	276	433037	9.630	ng	98
88) Benzo(b)fluoranthene	23.033	252	886548	24.615	ng	# 93
89) Benzo(k)fluoranthene	23.074	252	254710m	7.293	ng	
90) Benzo(a)pyrene	23.663	252	520847	15.382	ng	# 96
91) Dibenzo(a,h)anthracene	26.280	278	107695	2.782	ng	# 81
92) Benzo(g,h,i)perylene	27.057	276	425102	11.118	ng	96

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

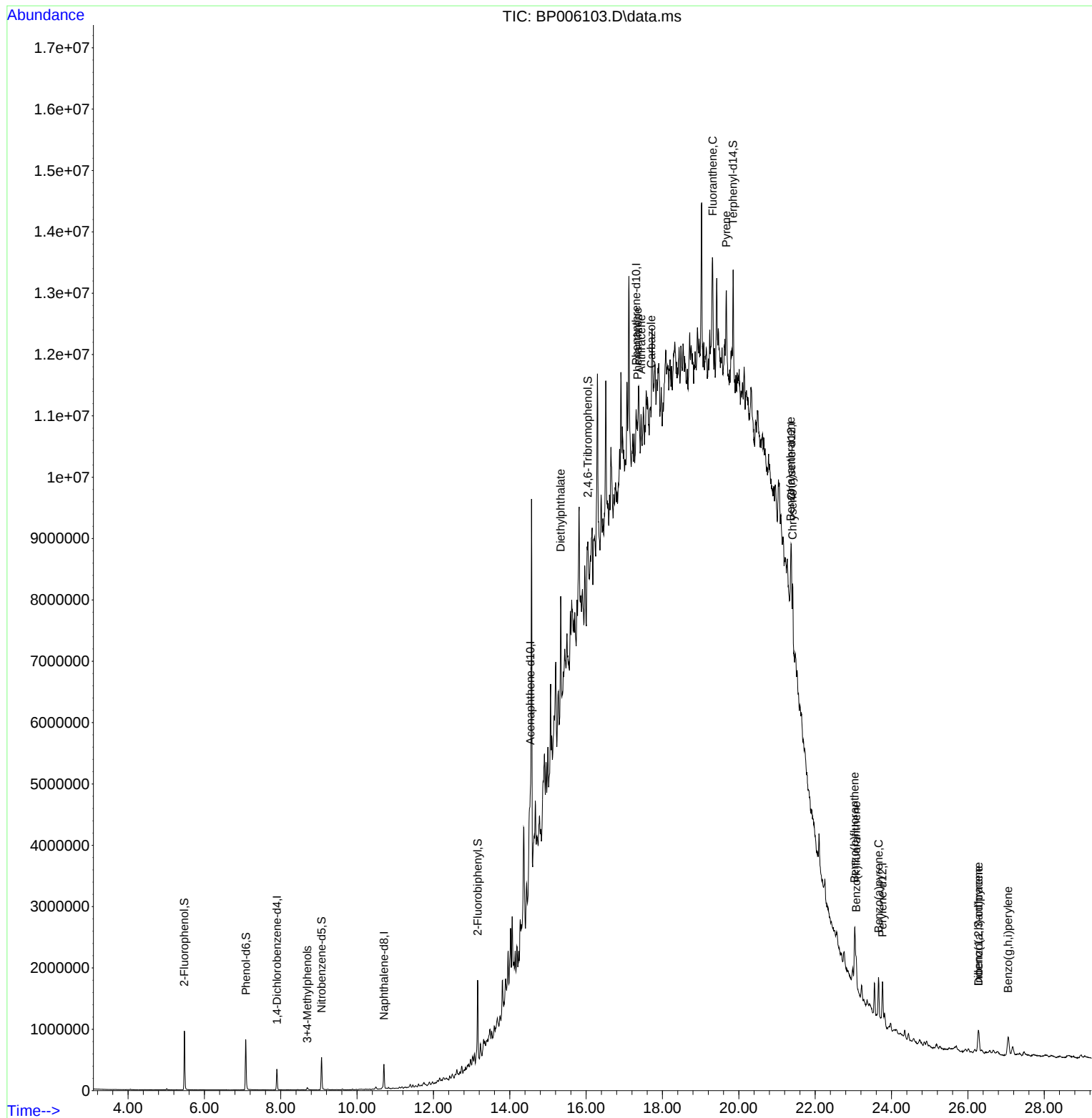
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Data File : BP006103.D
Acq On : 29 Jun 2021 22:01
Operator : CG/JU
Sample : M2886-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

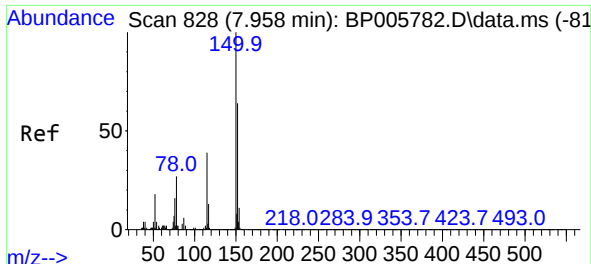
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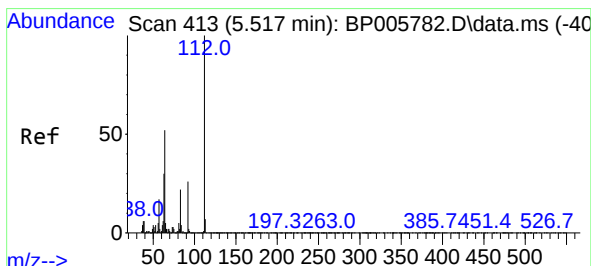
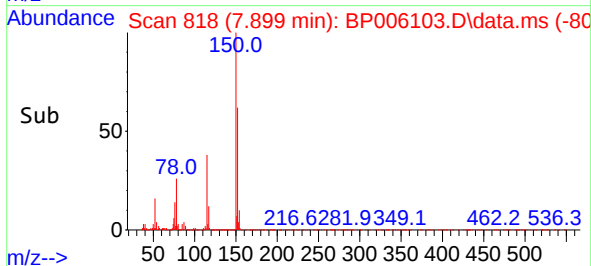
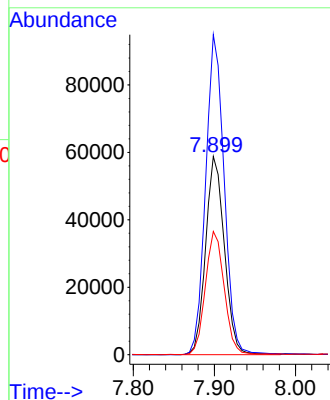
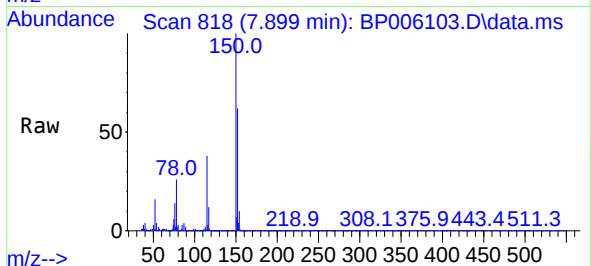
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Tgt Ion:	152	Resp:	94364
Ion	Ratio	Lower	Upper
152	100		
150	161.5	125.6	188.4
115	62.2	48.5	72.7

Instrument :
BNA_P
ClientSampled :
26878

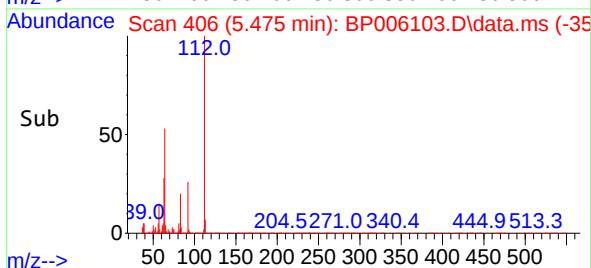
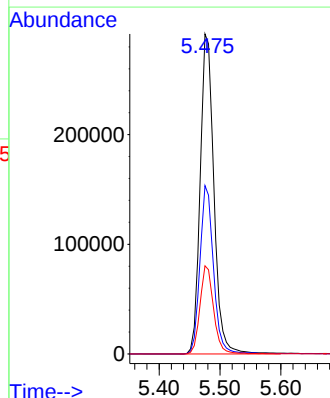
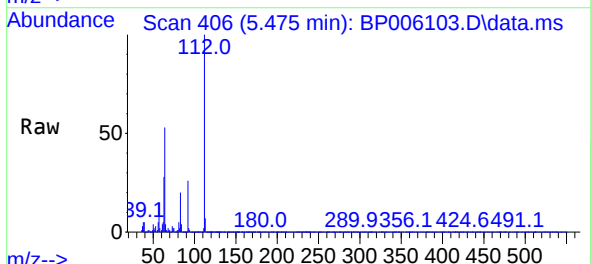
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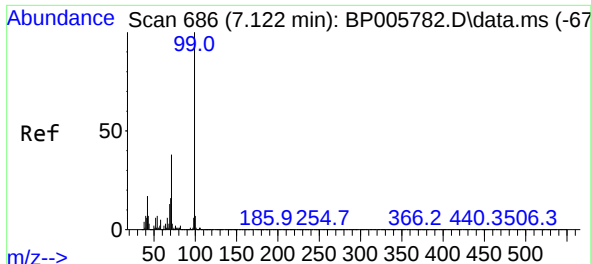
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#5
2-Fluorophenol
Concen: 78.058 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Tgt Ion:	112	Resp:	459036
Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.4	62.2
63	27.5	23.8	35.8





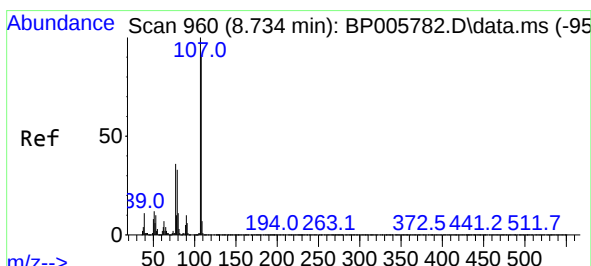
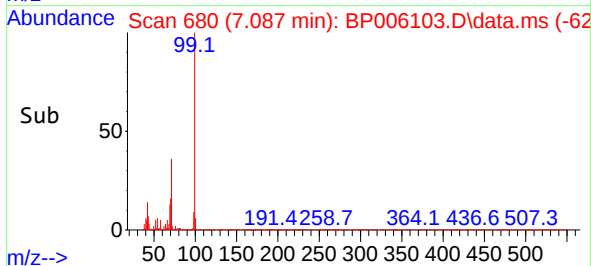
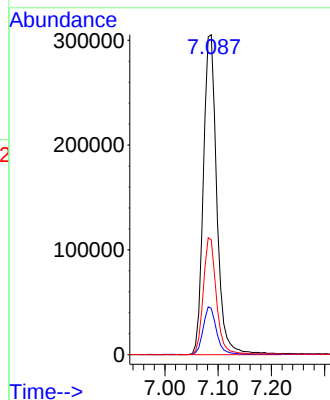
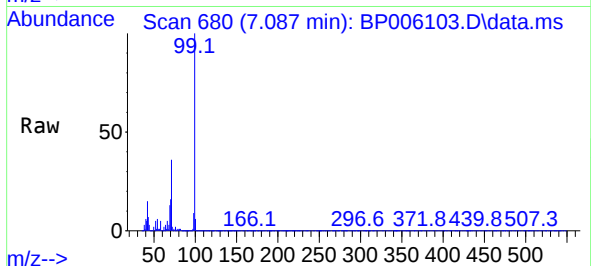
#7
Phenol-d6
Concen: 70.460 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Tgt Ion: 99 Resp: 537064
Ion Ratio Lower Upper
99 100
42 14.5 13.4 20.0
71 35.9 30.6 46.0

Instrument :
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ClientSampleId :
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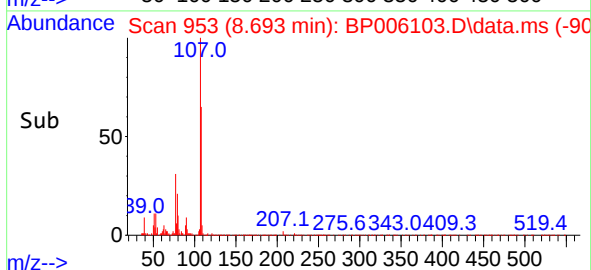
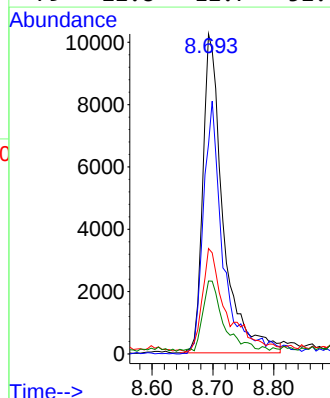
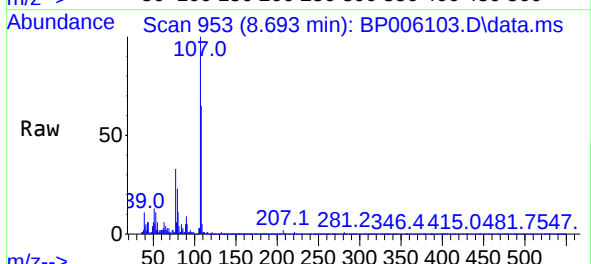
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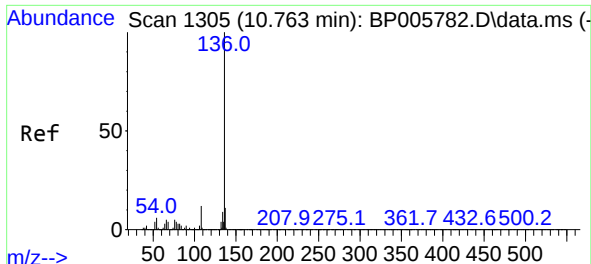
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#20
3+4-Methylphenols
Concen: 3.407 ng
RT: 8.693 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Tgt Ion: 107 Resp: 23876
Ion Ratio Lower Upper
107 100
108 65.5 71.0 111.0#
77 33.0 16.6 56.6
79 22.8 12.7 52.7





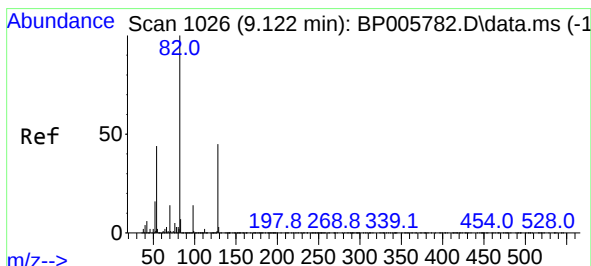
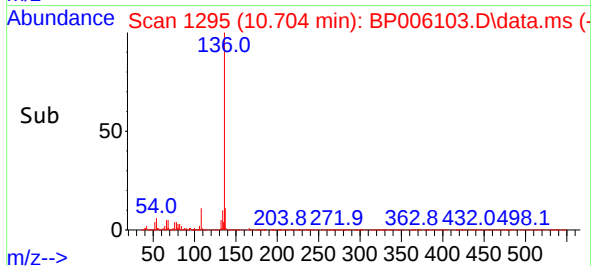
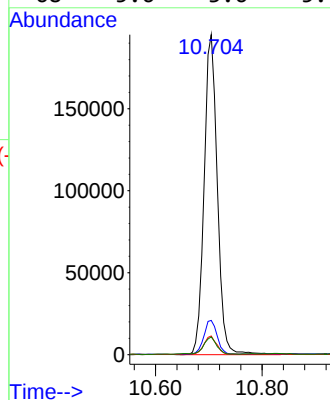
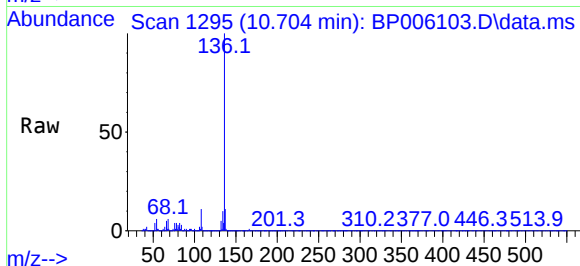
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Tgt Ion:	136	Resp:	335221
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	5.8	4.6	6.8
68	5.6	3.6	5.4

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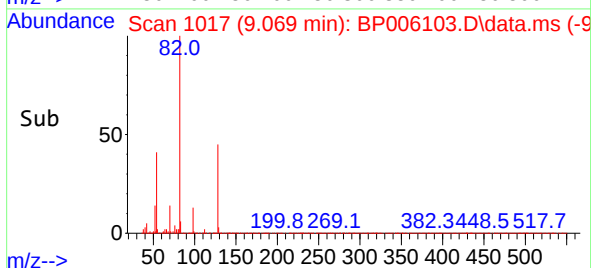
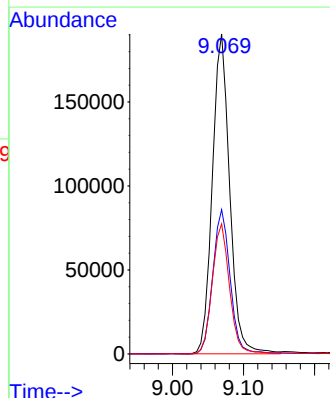
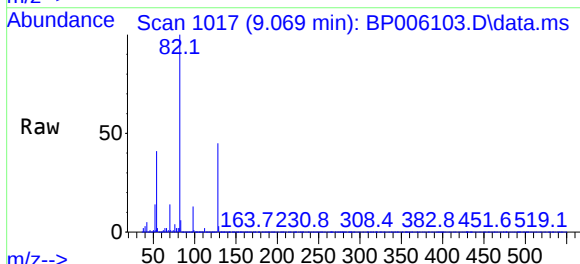
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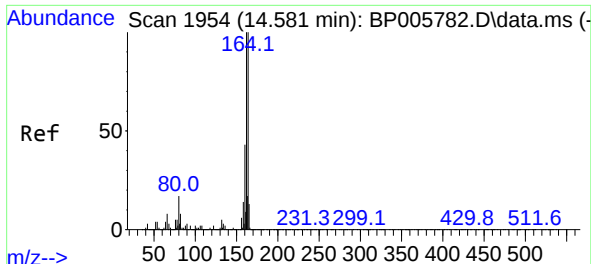
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#23
Nitrobenzene-d5
Concen: 47.271 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

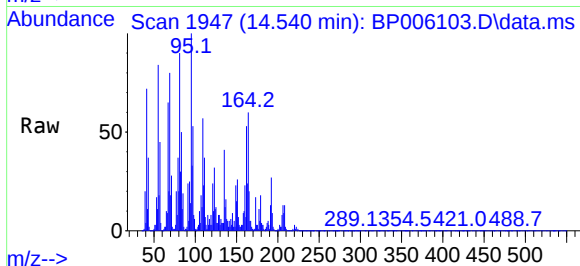
Tgt Ion:	82	Resp:	323215
Ion Ratio	Lower	Upper	
82	100		
128	45.1	35.7	53.5
54	40.7	35.0	52.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

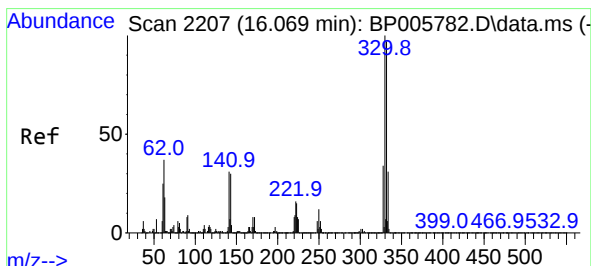
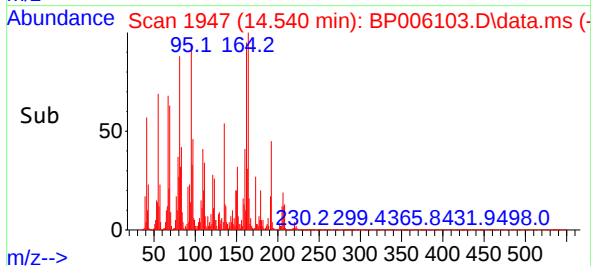
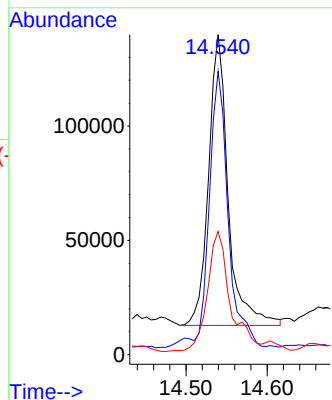
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26878



Tgt Ion:164 Resp: 212686
Ion Ratio Lower Upper
164 100
162 88.6 80.2 120.2
160 38.5 34.5 51.7

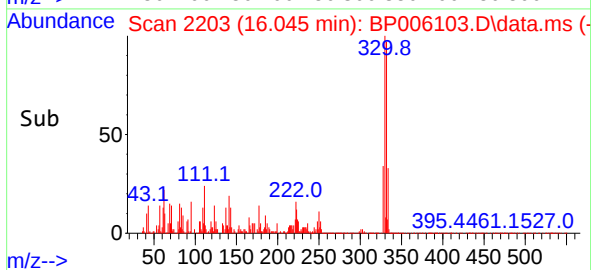
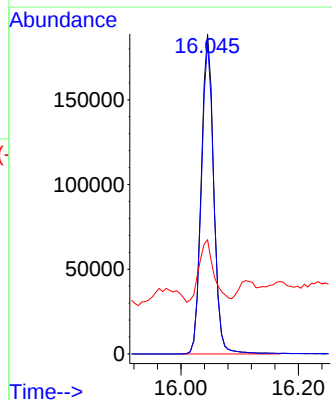
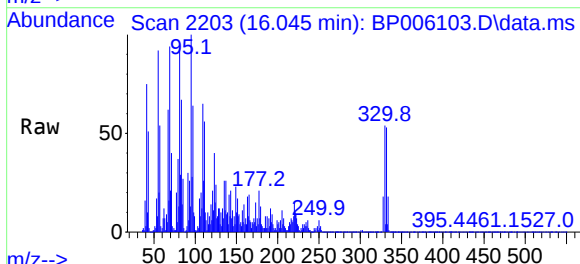
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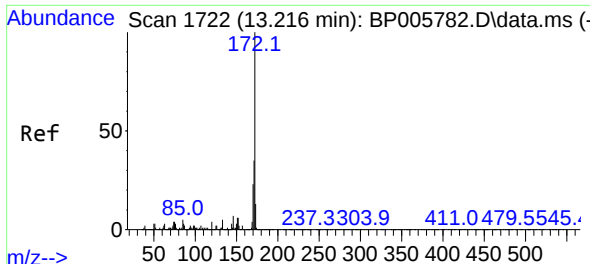
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#42
2,4,6-Tribromophenol
Concen: 76.450 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.018 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

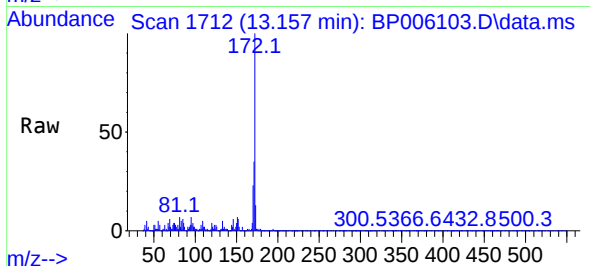
Tgt Ion:330 Resp: 279032
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 23.3 25.4 38.2#





#45
2-Fluorobiphenyl
Concen: 41.440 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

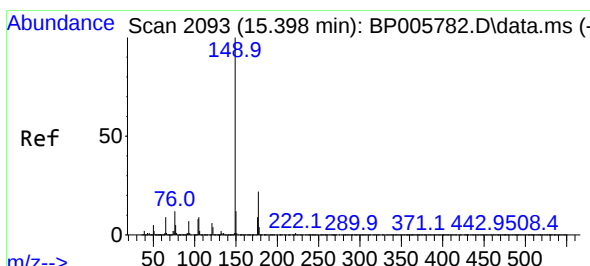
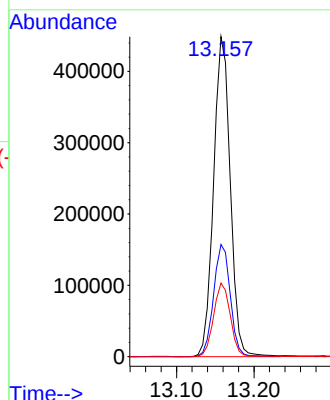
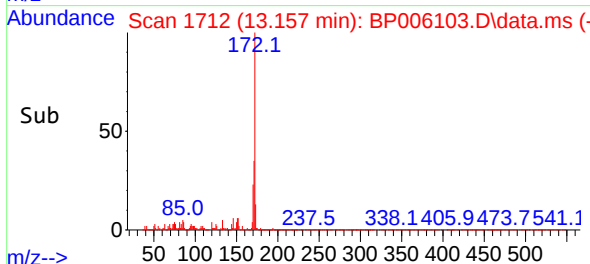
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BNA_P
ClientSampled :
26878



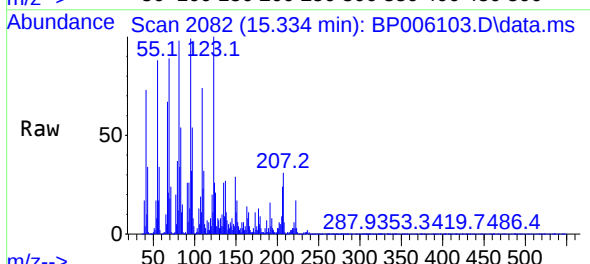
Tgt Ion:172 Resp: 671198
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.0 18.6 27.8

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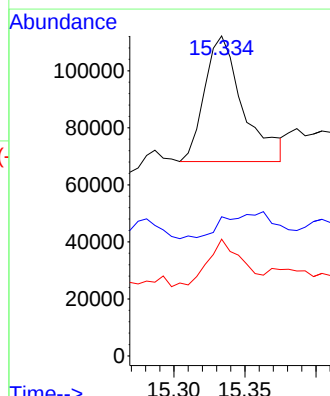
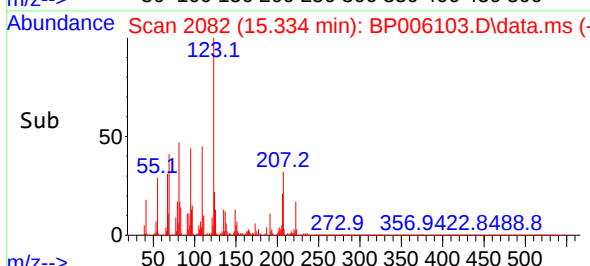
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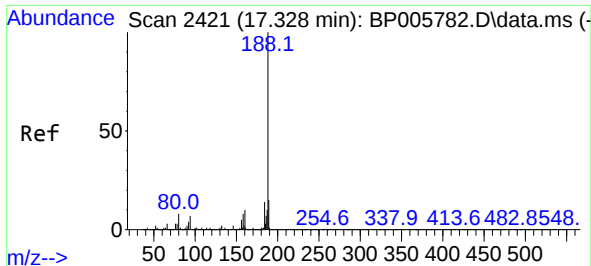


#60
Diethylphthalate
Concen: 4.711 ng
RT: 15.334 min Scan# 2082
Delta R.T. -0.023 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01



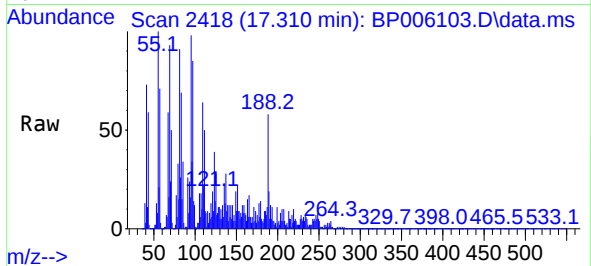
Tgt Ion:149 Resp: 82653
Ion Ratio Lower Upper
149 100
177 43.5 17.5 26.3#
150 36.5 9.9 14.9#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2418
Delta R.T. 0.029 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

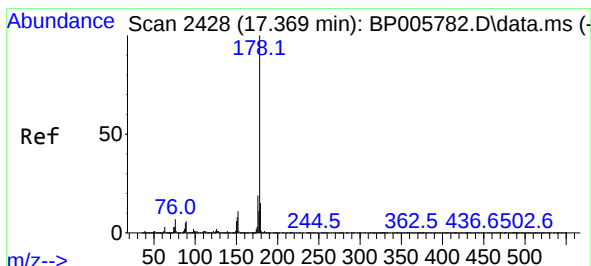
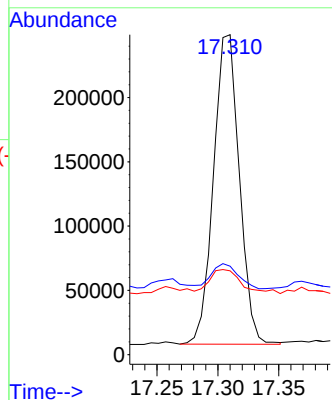
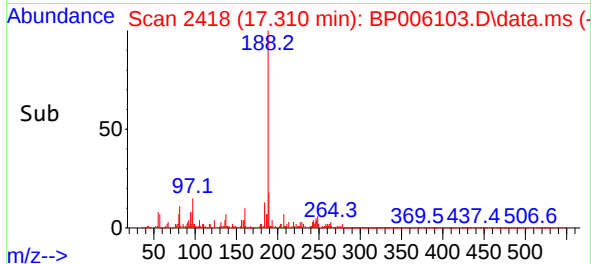
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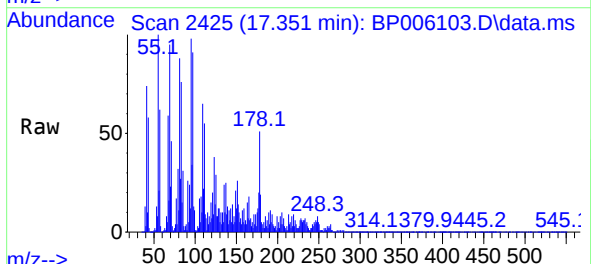
Tgt Ion:188 Resp: 354587
Ion Ratio Lower Upper
188 100
94 27.7 5.6 8.4#
80 26.2 6.3 9.5#

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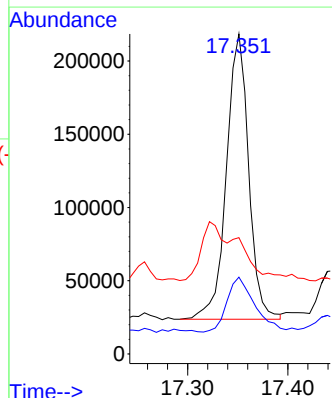
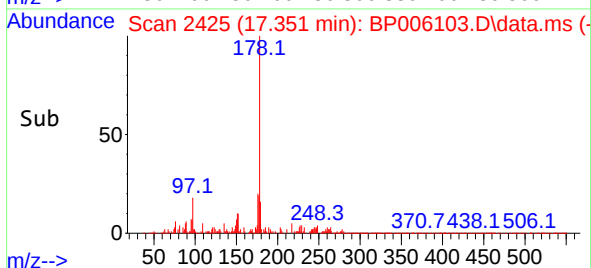
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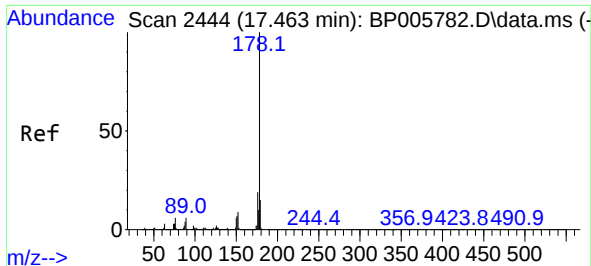


#71
Phenanthrene
Concen: 14.135 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.024 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01



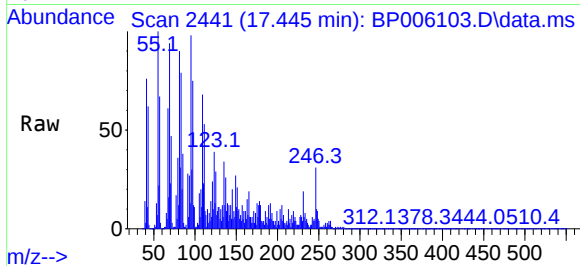
Tgt Ion:178 Resp: 301005
Ion Ratio Lower Upper
178 100
176 24.0 15.1 22.7#
179 36.3 12.4 18.6#





#72
 Anthracene
 Concen: 2.345 ng
 RT: 17.445 min Scan# 2441
 Delta R.T. 0.029 min
 Lab File: BP006103.D
 Acq: 29 Jun 2021 22:01

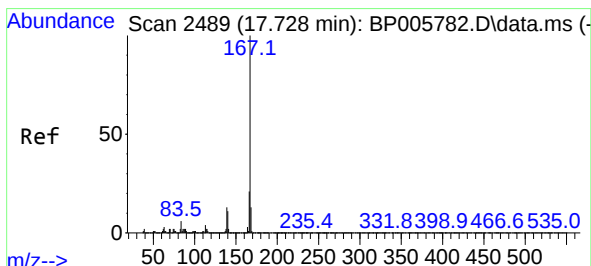
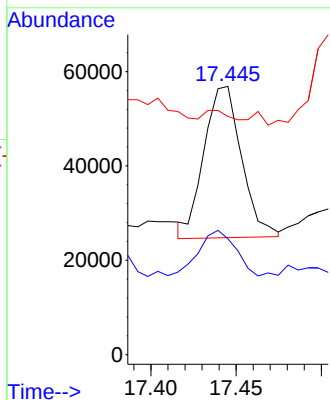
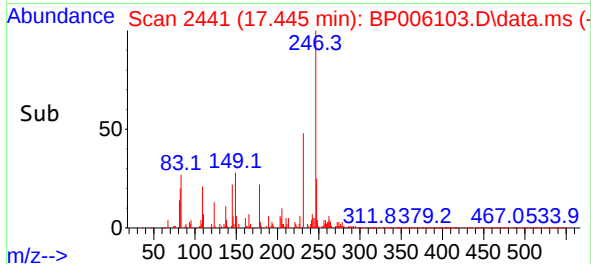
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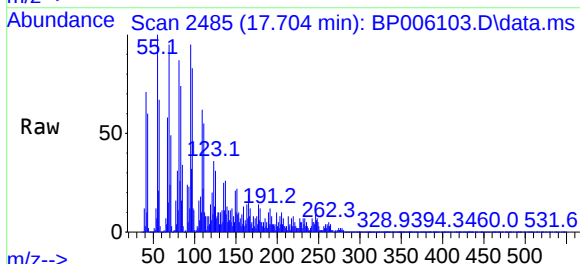
Tgt Ion:178 Resp: 49154
 Ion Ratio Lower Upper
 178 100
 176 43.2 14.9 22.3#
 179 88.8 12.2 18.2#

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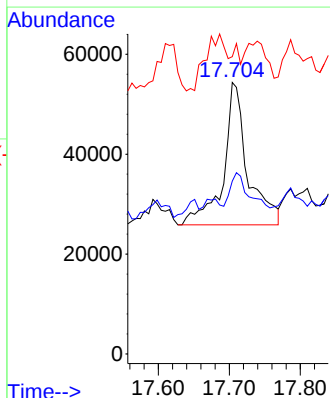
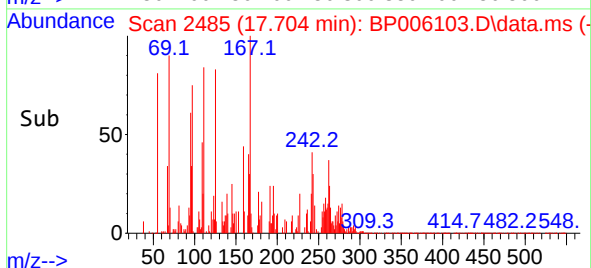
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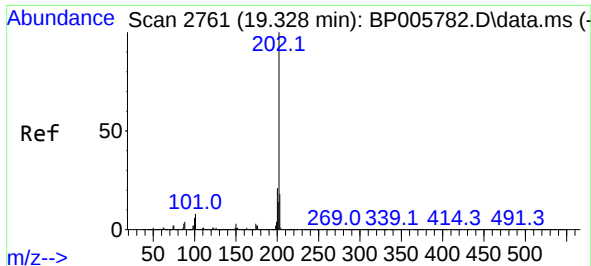


#73
 Carbazole
 Concen: 3.363 ng
 RT: 17.704 min Scan# 2485
 Delta R.T. 0.012 min
 Lab File: BP006103.D
 Acq: 29 Jun 2021 22:01



Tgt Ion:167 Resp: 67678
 Ion Ratio Lower Upper
 167 100
 166 63.6 17.1 25.7#
 139 109.5 10.7 16.1#



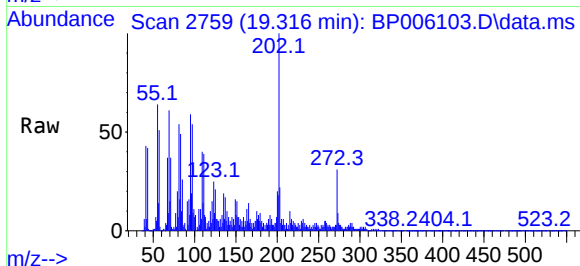


#75
Fluoranthene
Concen: 36.086 ng
RT: 19.316 min Scan# 2759
Delta R.T. 0.029 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

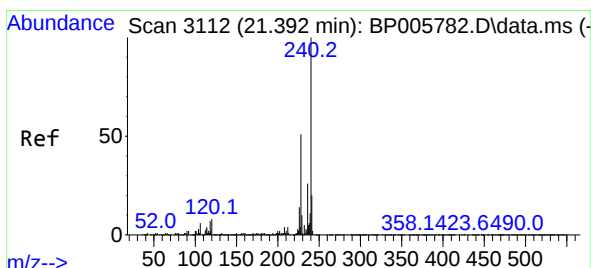
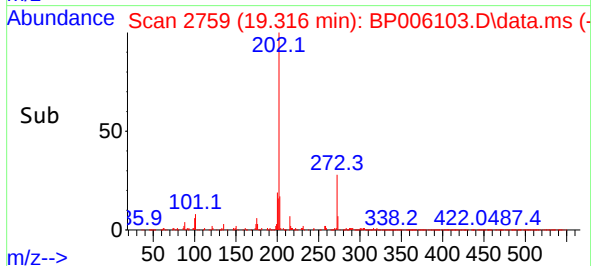
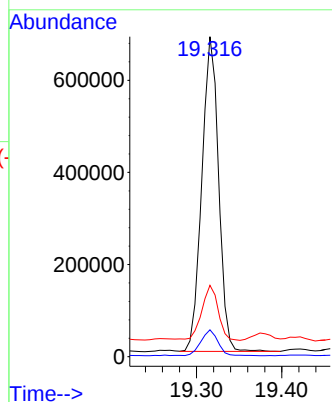
Instrument :
BNA_P
ClientSampleId :
26878

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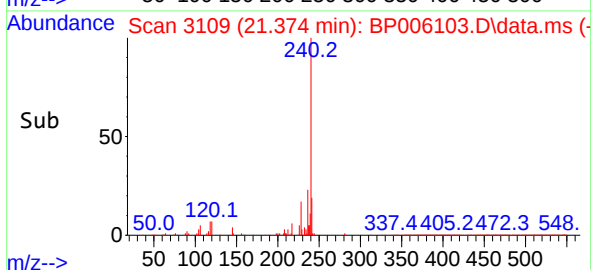
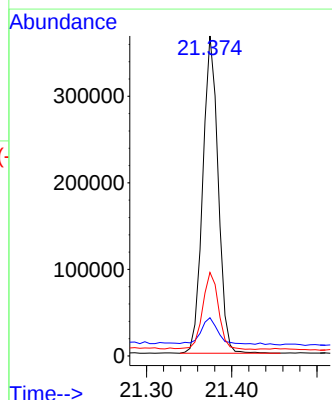
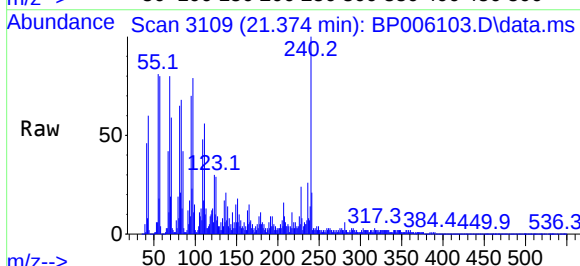


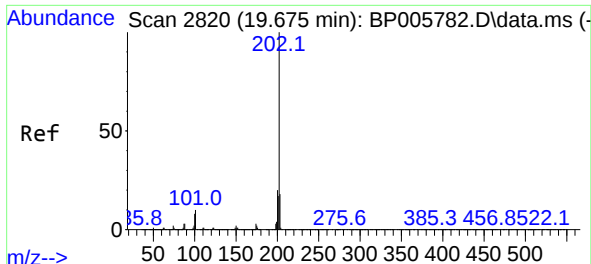
Tgt Ion:202 Resp: 933189
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.6
203 22.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3109
Delta R.T. 0.018 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

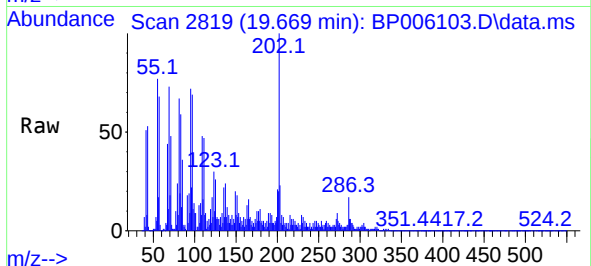
Tgt Ion:240 Resp: 459075
Ion Ratio Lower Upper
240 100
120 12.0 6.5 9.7#
236 26.1 20.6 31.0





#78
Pyrene
Concen: 24.301 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.029 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

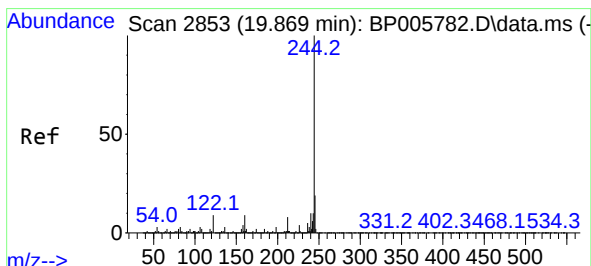
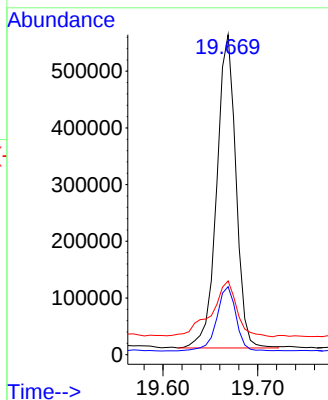
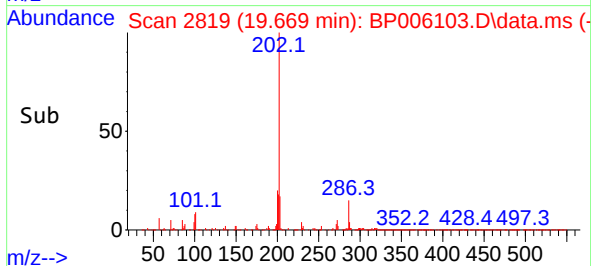
Instrument :
BNA_P
ClientSampleId :
26878



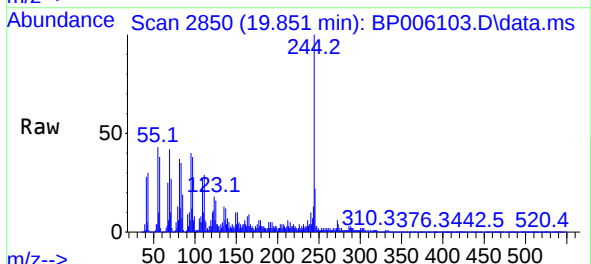
Tgt Ion:202 Resp: 778831
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 23.0 14.2 21.2#

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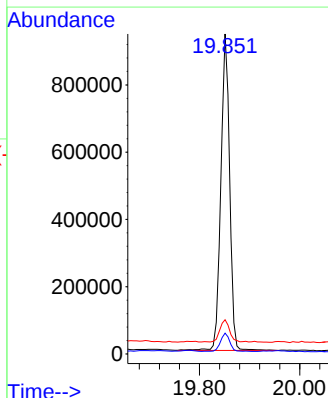
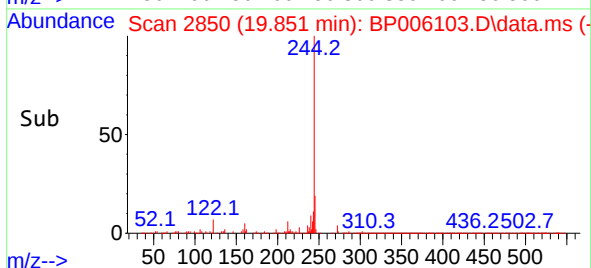
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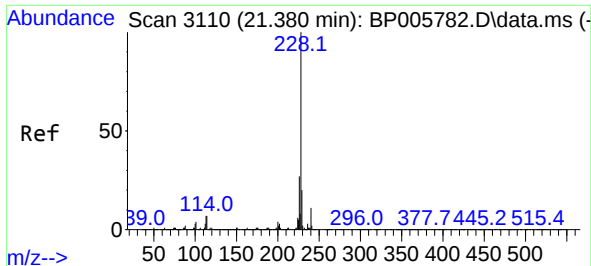


#79
Terphenyl-d14
Concen: 46.874 ng
RT: 19.851 min Scan# 2850
Delta R.T. 0.018 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01



Tgt Ion:244 Resp: 1149196
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 10.7 7.1 10.7#





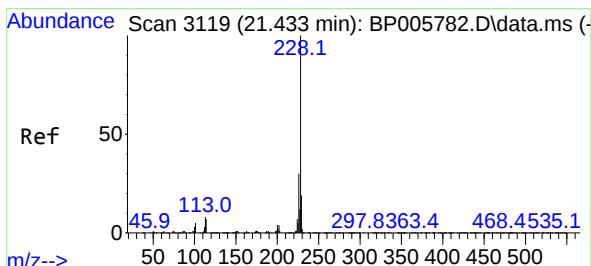
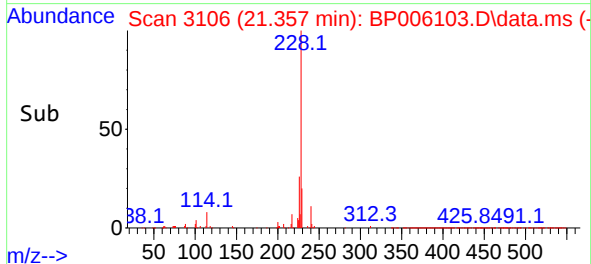
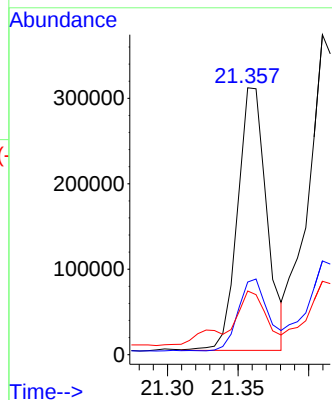
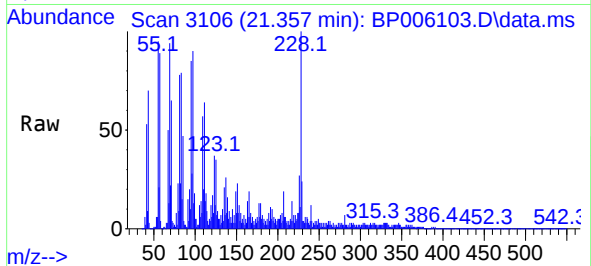
#81
Benzo(a)anthracene
Concen: 13.294 ng m
RT: 21.357 min Scan# 3106
Delta R.T. 0.018 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Tgt Ion:228 Resp: 440556
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 23.9 15.8 23.6#

Instrument :
BNA_P
ClientSampleId :
26878

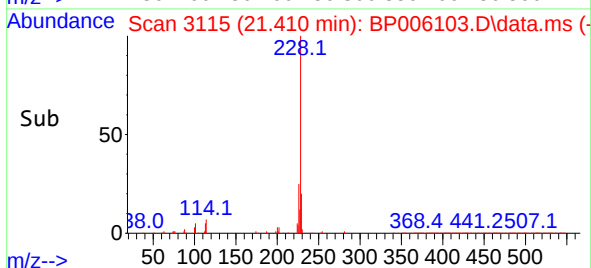
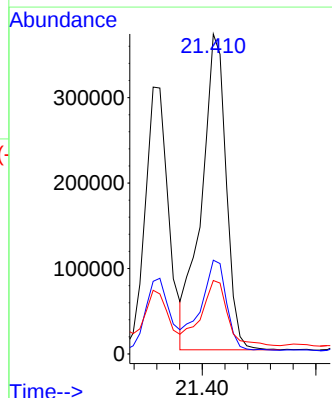
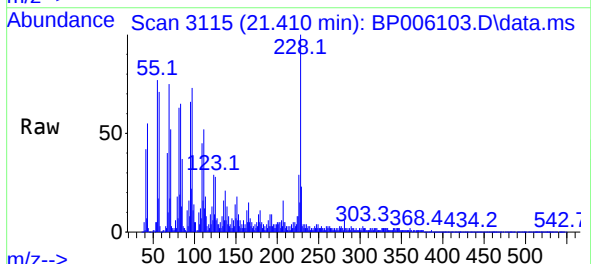
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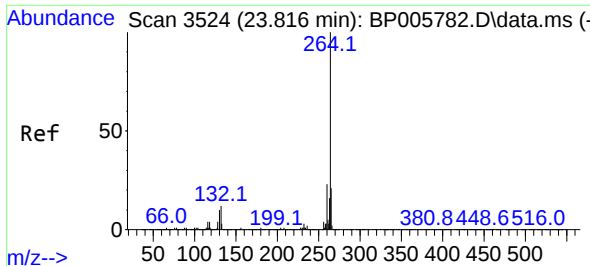
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#83
Chrysene
Concen: 17.360 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.018 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Tgt Ion:228 Resp: 557191
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.6
229 22.9 15.4 23.2





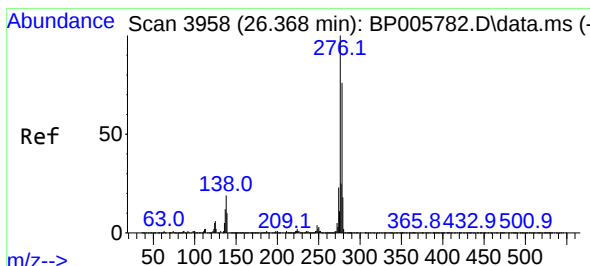
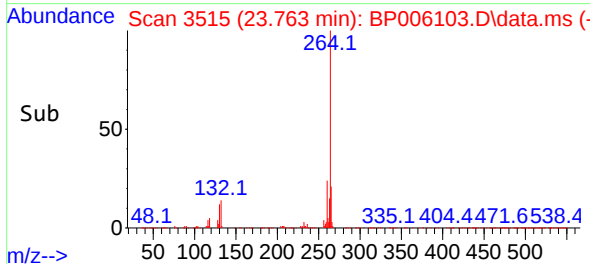
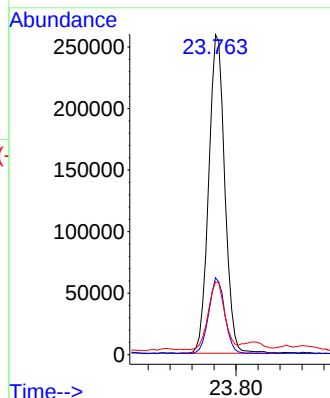
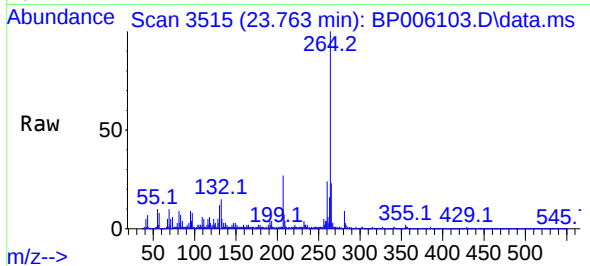
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Tgt Ion: 264 Resp: 525866
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.7 17.6 26.4

Instrument :
BNA_P
ClientSampled :
26878

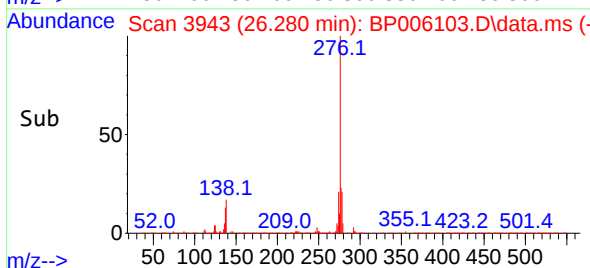
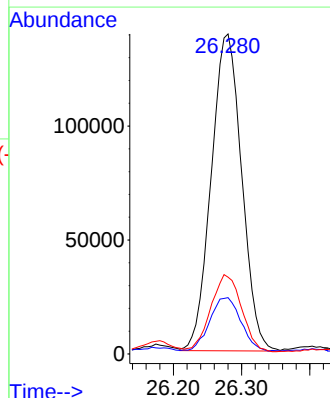
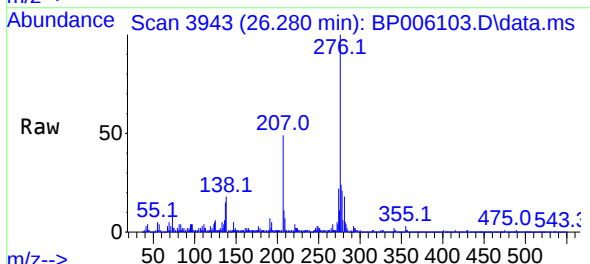
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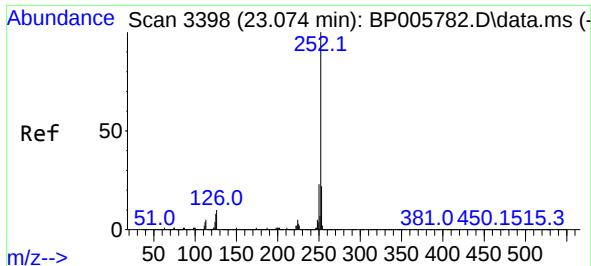
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#87
Indeno(1,2,3-cd)pyrene
Concen: 9.630 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.012 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Tgt Ion: 276 Resp: 433037
Ion Ratio Lower Upper
276 100
138 17.7 15.3 22.9
277 24.6 20.4 30.6





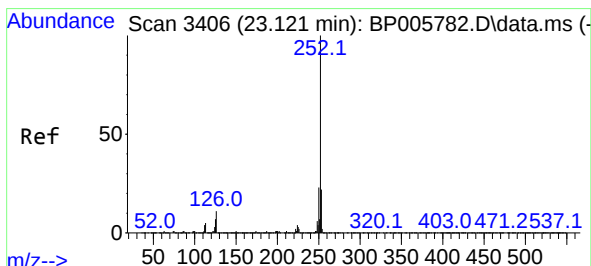
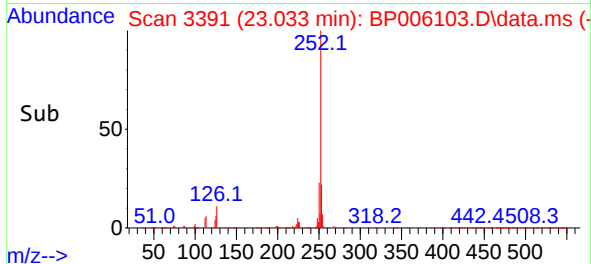
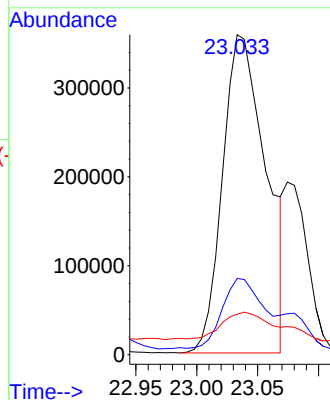
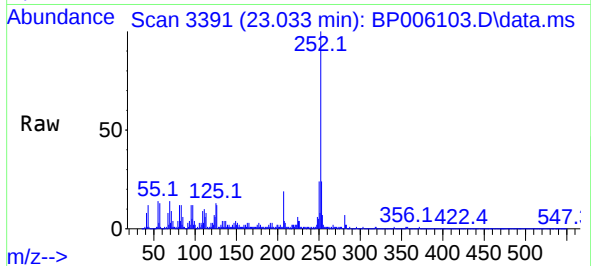
#88
Benzo(b)fluoranthene
Concen: 24.615 ng
RT: 23.033 min Scan# 3391
Delta R.T. 0.012 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Tgt Ion:252 Resp: 886548
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 12.7 6.2 9.4#

Instrument :
BNA_P
ClientSampled :
26878

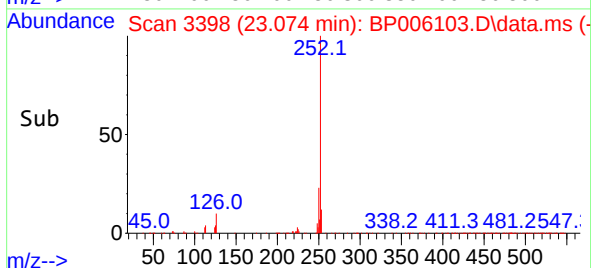
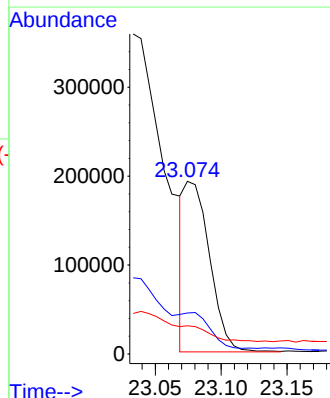
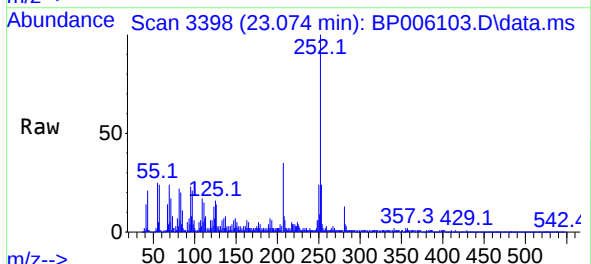
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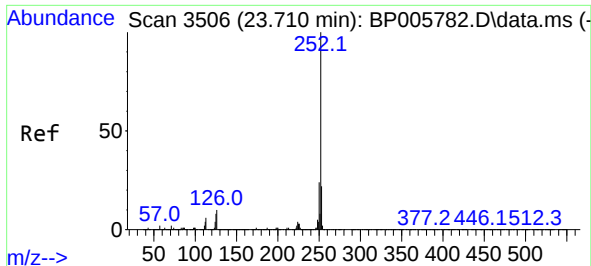
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#89
Benzo(k)fluoranthene
Concen: 7.293 ng m
RT: 23.074 min Scan# 3398
Delta R.T. 0.006 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

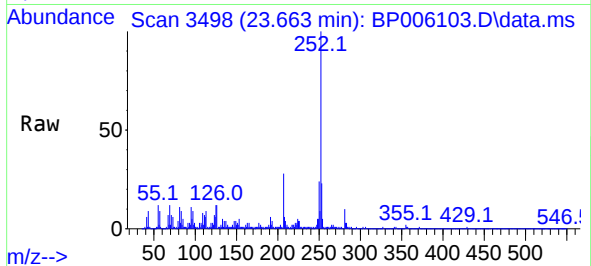
Tgt Ion:252 Resp: 254710
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 16.3 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 15.382 ng
RT: 23.663 min Scan# 3498
Delta R.T. 0.012 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

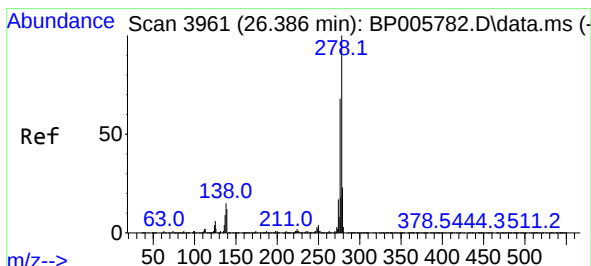
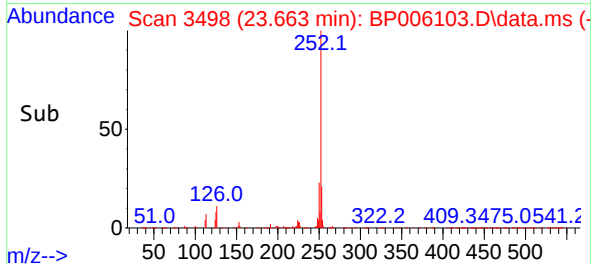
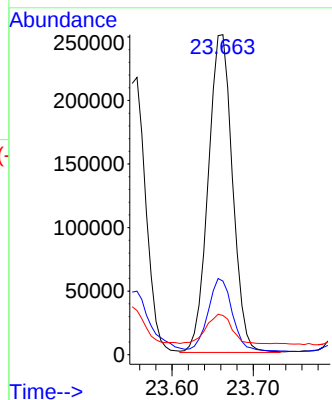
Instrument :
BNA_P
ClientSampled :
26878



Tgt Ion:252 Resp: 520847
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 12.2 6.5 9.7#

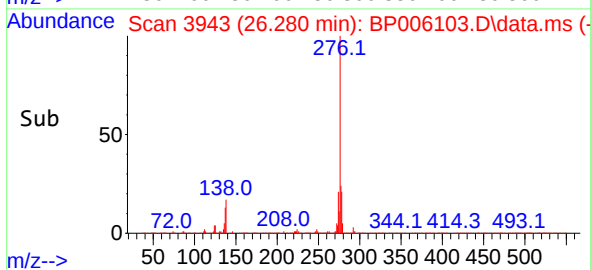
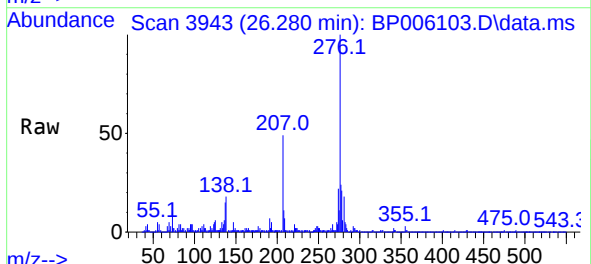
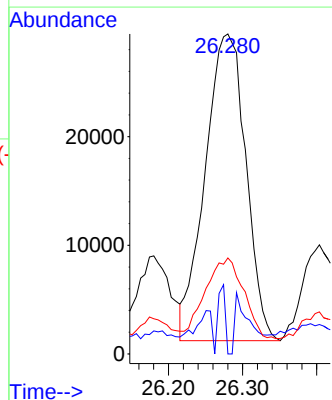
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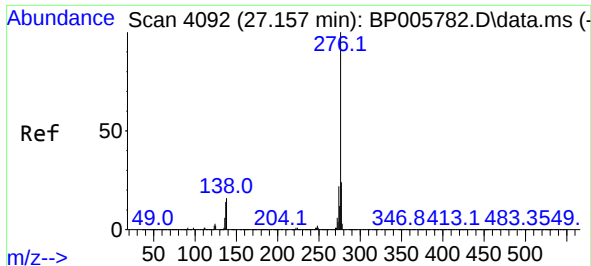
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#91
Dibenzo(a,h)anthracene
Concen: 2.782 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.018 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

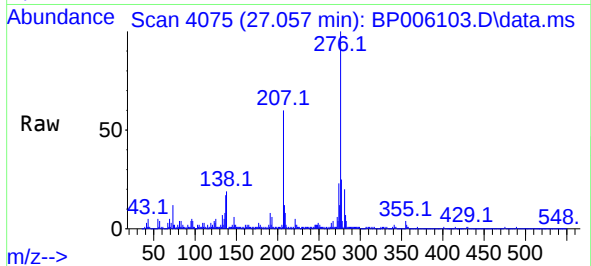
Tgt Ion:278 Resp: 107695
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 30.0 18.8 28.2#





#92
Benzo(g,h,i)perylene
Concen: 11.118 ng
RT: 27.057 min Scan# 4075
Delta R.T. -0.006 min
Lab File: BP006103.D
Acq: 29 Jun 2021 22:01

Instrument :
BNA_P
ClientSampleId :
26878



Tgt Ion: 276 Resp: 425102
Ion Ratio Lower Upper
276 100
277 24.8 18.9 28.3
138 18.7 12.6 18.8

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