

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006040.D
 Acq On : 23 Jun 2021 18:10
 Operator : CG/JU
 Sample : M2790-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-062121

Manual Integrations
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Quant Time: Jun 24 01:17:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	76671	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	296073	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	189920	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	390422	20.000	ng	0.00
76) Chrysene-d12	21.369	240	423346	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	495007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	145374	30.425	ng	0.00
7) Phenol-d6	7.099	99	168390	27.190	ng	0.00
23) Nitrobenzene-d5	9.087	82	106193	17.585	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	99878	30.645	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	274895	19.007	ng	0.00
79) Terphenyl-d14	19.845	244	476488	21.075	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.275	152	90260	4.705	ng	99
52) Acenaphthene	14.610	154	23809	2.044	ng	95
58) Fluorene	15.598	166	61528	4.122	ng	99
71) Phenanthrene	17.339	178	551477	23.521	ng	99
72) Anthracene	17.428	178	192827	8.356	ng	99
75) Fluoranthene	19.298	202	963191	33.827	ng	98
78) Pyrene	19.651	202	1011862	34.237	ng	99
81) Benzo(a)anthracene	21.357	228	574784	18.809	ng	97
83) Chrysene	21.410	228	560575	18.939	ng	97
87) Indeno(1,2,3-cd)pyrene	26.315	276	460213	10.872	ng	98
88) Benzo(b)fluoranthene	23.045	252	869561	25.648	ng	# 95
89) Benzo(k)fluoranthene	23.086	252	245561m	7.469	ng	
90) Benzo(a)pyrene	23.674	252	649261	20.369	ng	# 94
91) Dibenzo(a,h)anthracene	26.321	278	124349	3.413	ng	# 79
92) Benzo(g,h,i)perylene	27.104	276	475672	13.216	ng	# 94

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

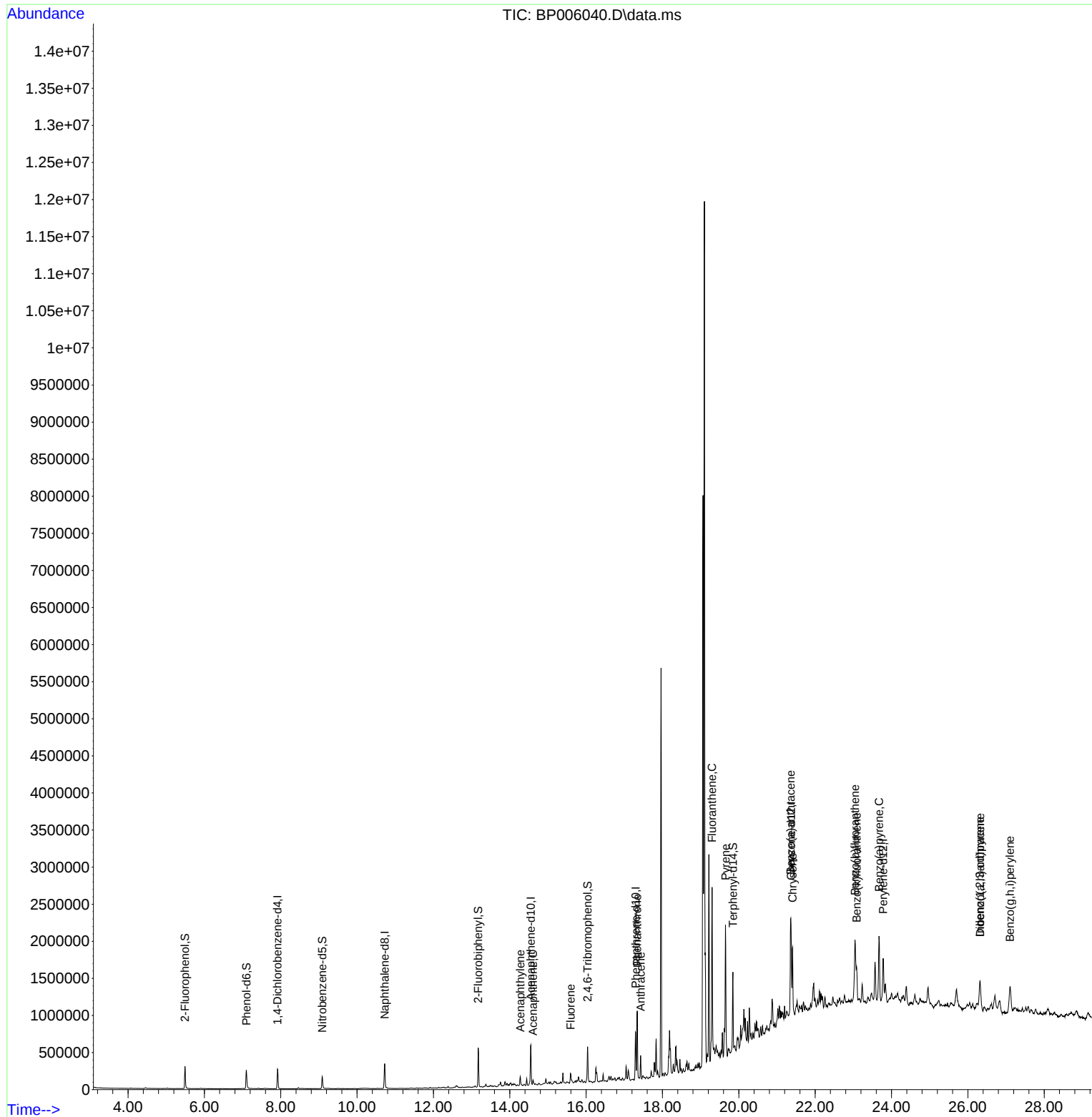
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Data File : BP006040.D
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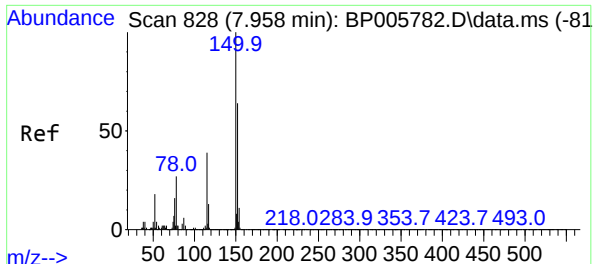
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
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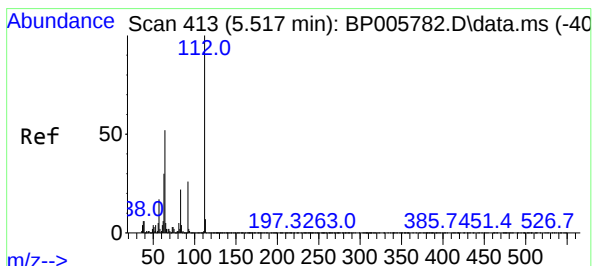
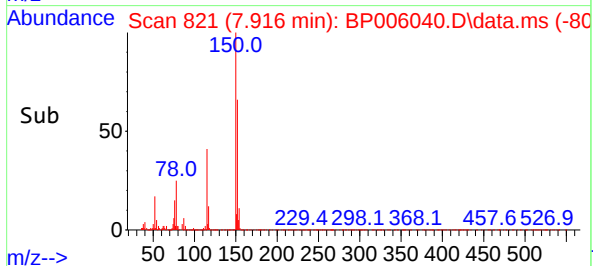
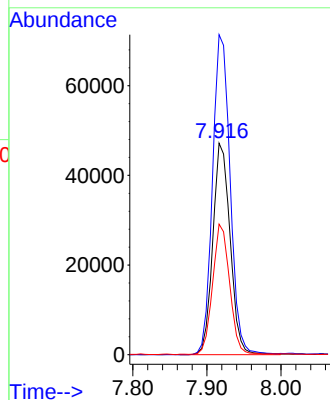
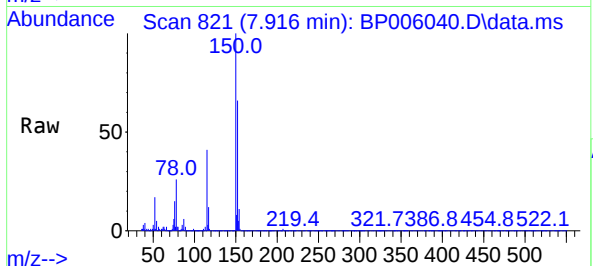
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:	152	Resp:	76671
Ion Ratio	Lower	Upper	
152	100		
150	151.3	125.6	188.4
115	61.8	48.5	72.7

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

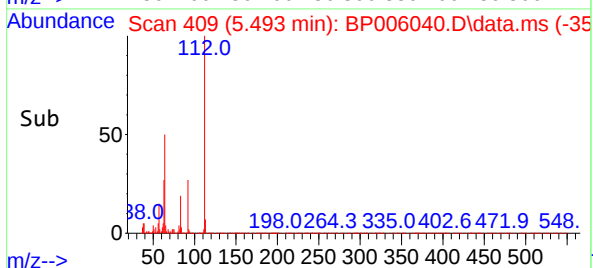
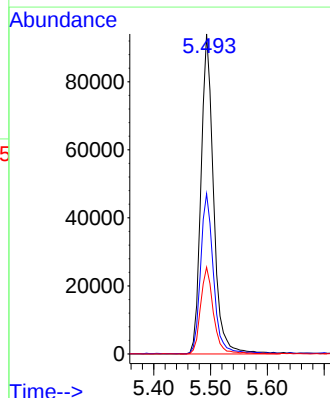
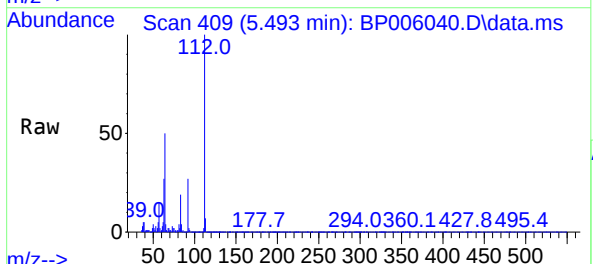
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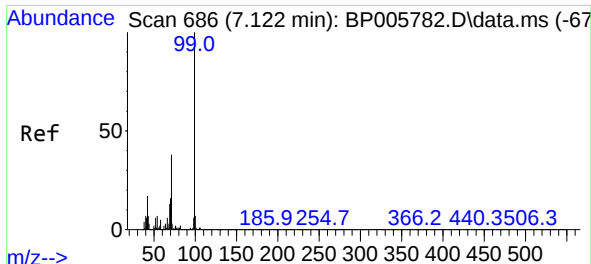
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#5
2-Fluorophenol
Concen: 30.425 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:	112	Resp:	145374
Ion Ratio	Lower	Upper	
112	100		
64	50.1	41.4	62.2
63	27.1	23.8	35.8





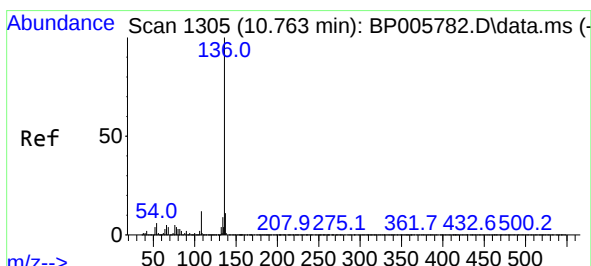
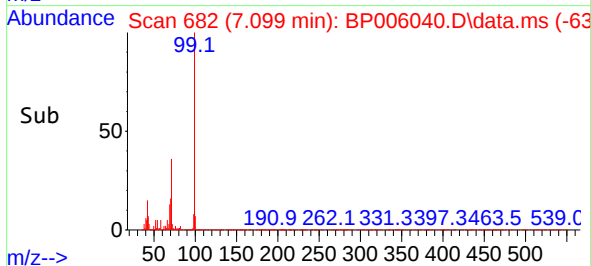
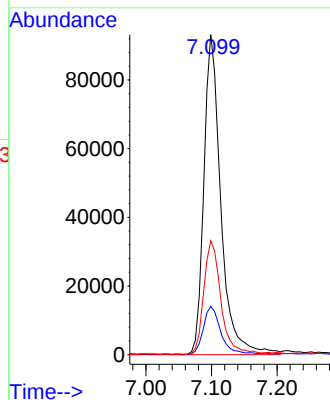
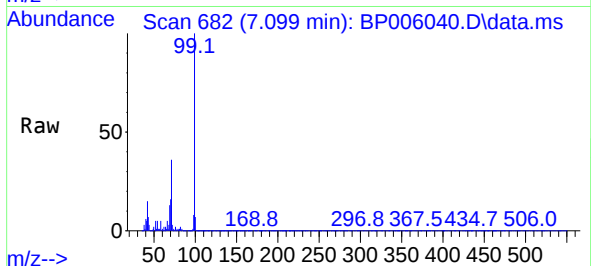
#7
Phenol-d6
Concen: 27.190 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion: 99 Resp: 168390
Ion Ratio Lower Upper
99 100
42 15.1 13.4 20.0
71 35.6 30.6 46.0

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

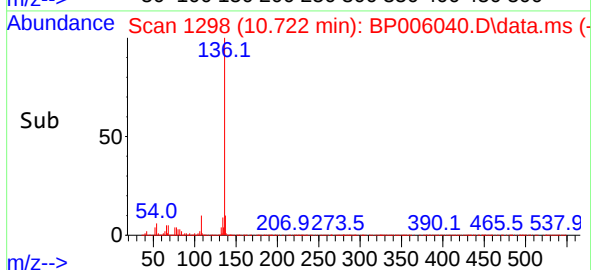
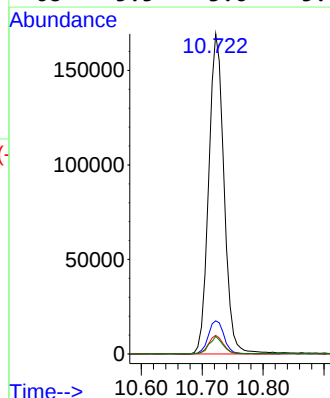
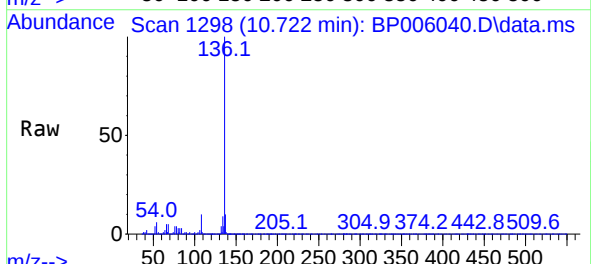
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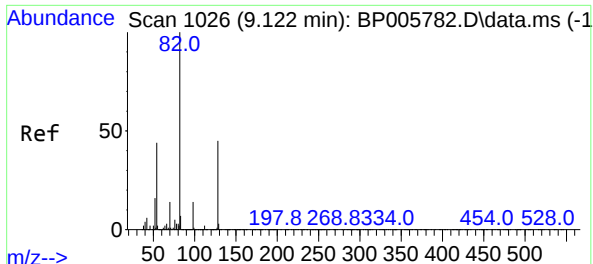
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion: 136 Resp: 296073
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 5.8 4.6 6.8
68 5.5 3.6 5.4





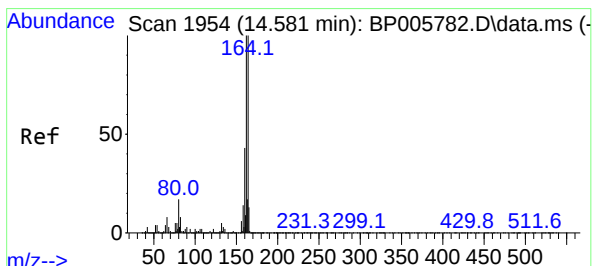
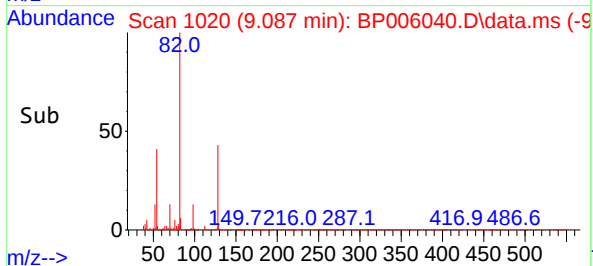
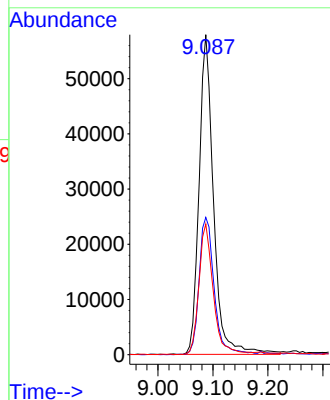
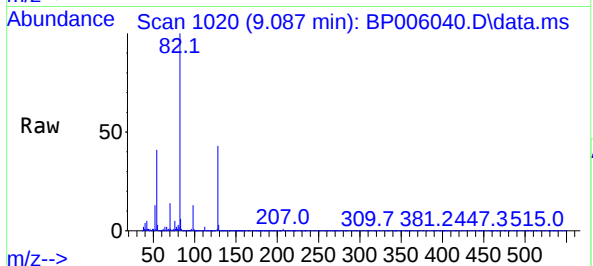
#23
Nitrobenzene-d5
Concen: 17.585 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Instrument :
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ClientSampleId :
SU-04-062121

Tgt Ion: 82 Resp: 106193
Ion Ratio Lower Upper
82 100
128 42.9 35.7 53.5
54 40.8 35.0 52.4

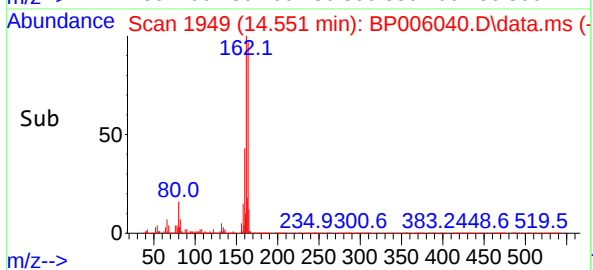
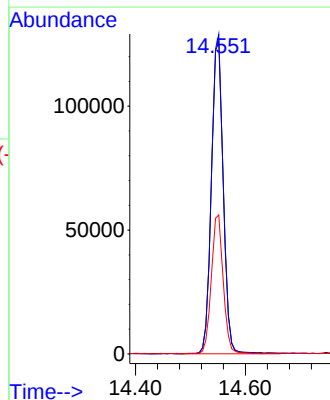
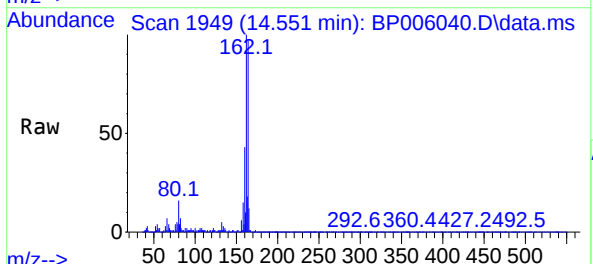
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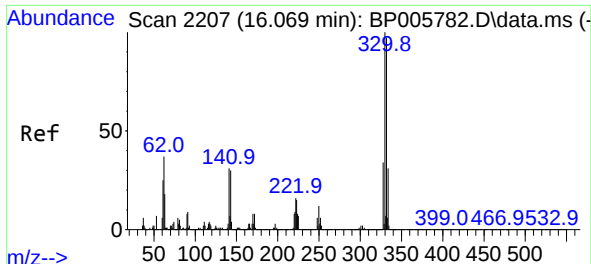
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

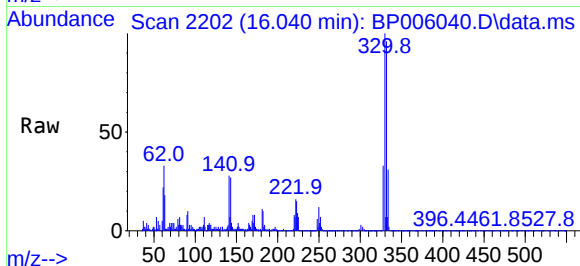
Tgt Ion: 164 Resp: 189920
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 44.6 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 30.645 ng
RT: 16.040 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

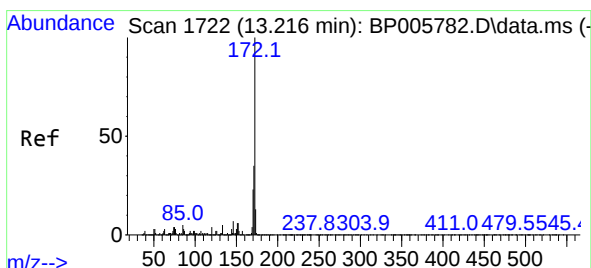
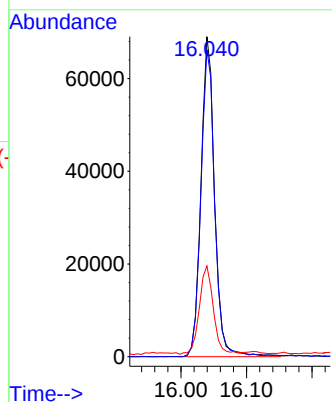
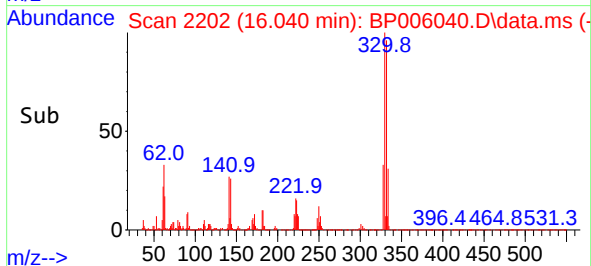
Instrument :
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ClientSampleId :
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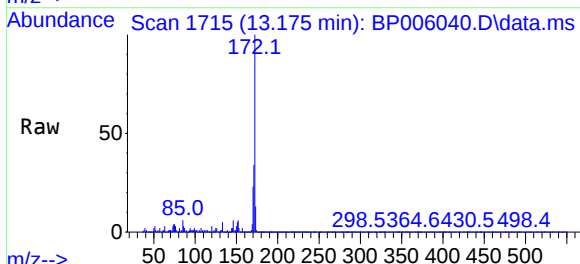
Tgt Ion:330 Resp: 99878
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 28.5 25.4 38.2

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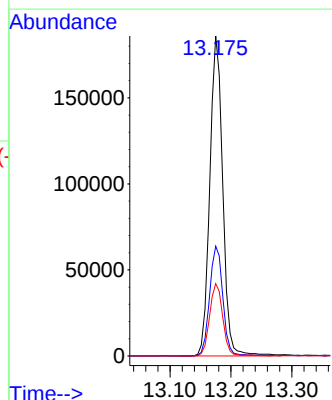
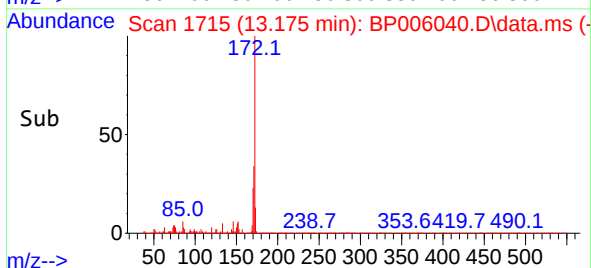
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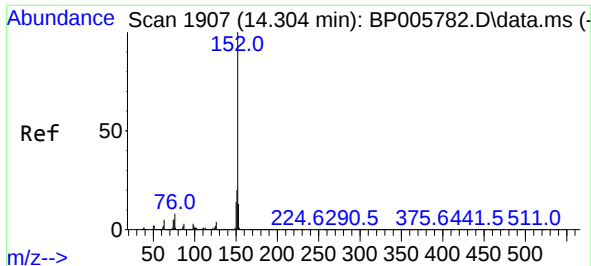


#45
2-Fluorobiphenyl
Concen: 19.007 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10



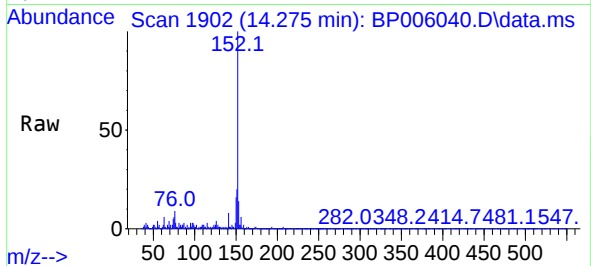
Tgt Ion:172 Resp: 274895
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 22.6 18.6 27.8





#49
Acenaphthylene
Concen: 4.705 ng
RT: 14.275 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

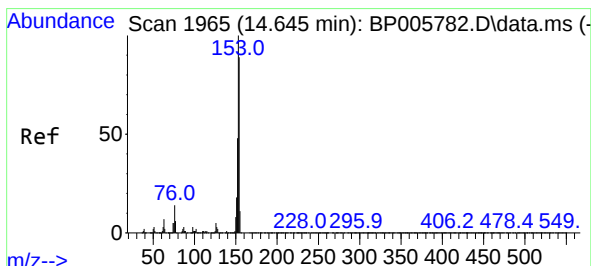
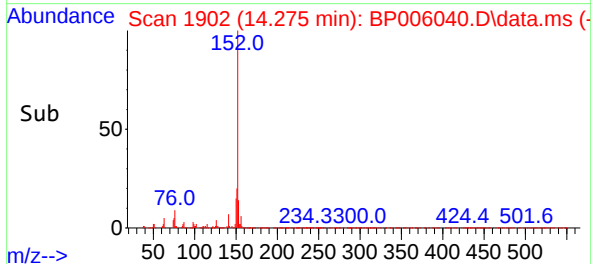
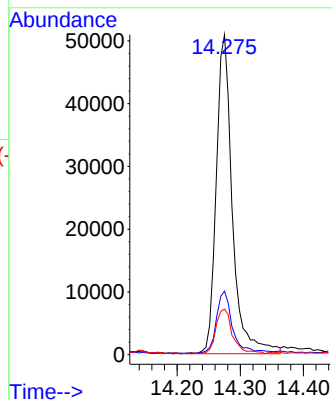
Instrument :
BNA_P
ClientSampleId :
SU-04-062121



Tgt Ion:152 Resp: 90260
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 14.3 10.6 16.0

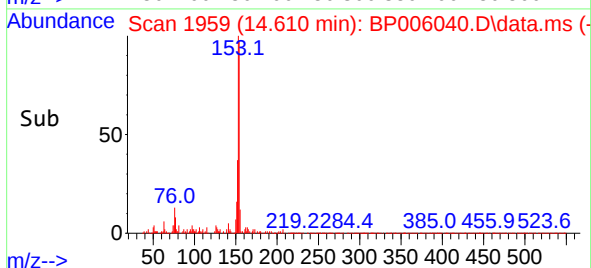
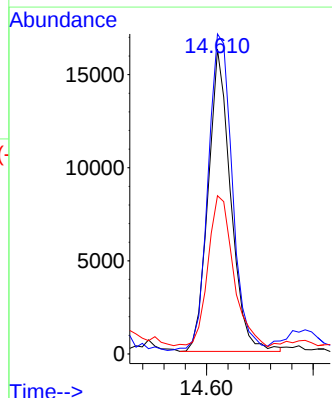
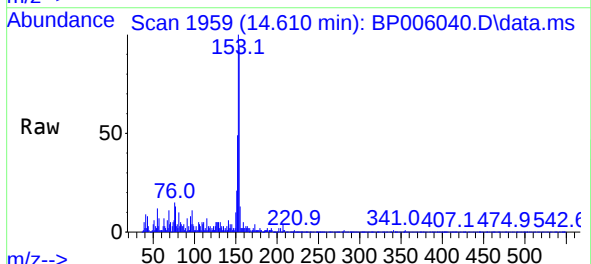
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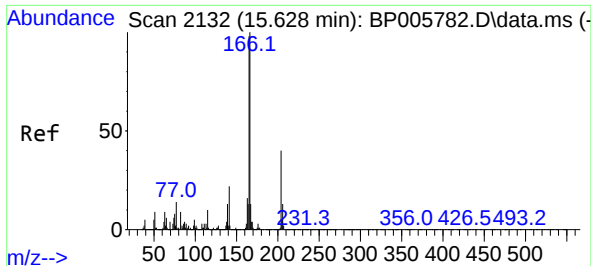
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#52
Acenaphthene
Concen: 2.044 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

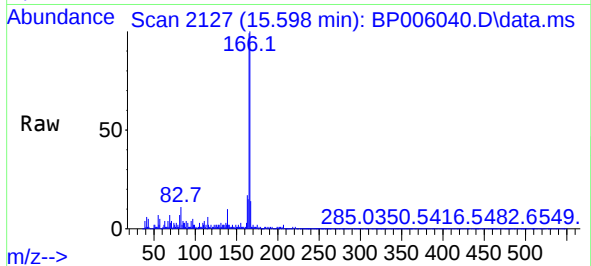
Tgt Ion:154 Resp: 23809
Ion Ratio Lower Upper
154 100
153 105.0 89.4 134.2
152 51.9 43.0 64.4





#58
Fluorene
Concen: 4.122 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

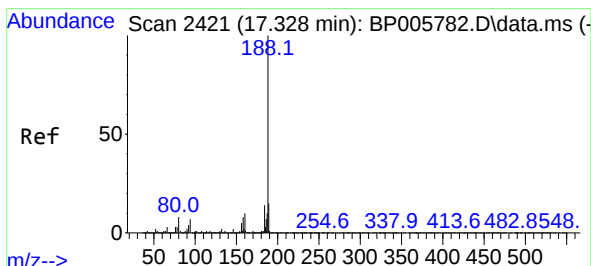
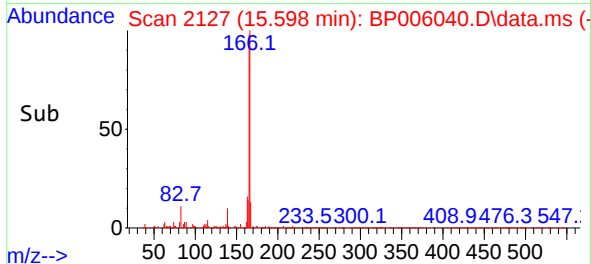
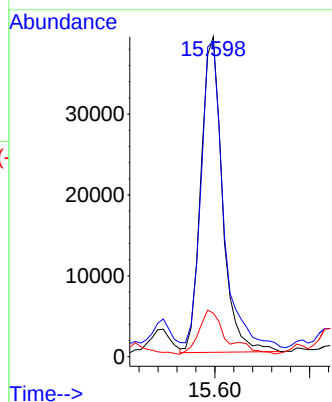
Instrument :
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SU-04-062121



Tgt Ion:166 Resp: 61528
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 13.6 10.5 15.7

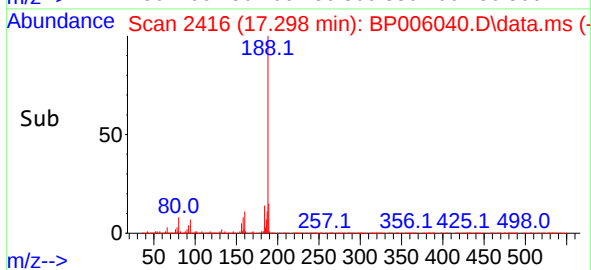
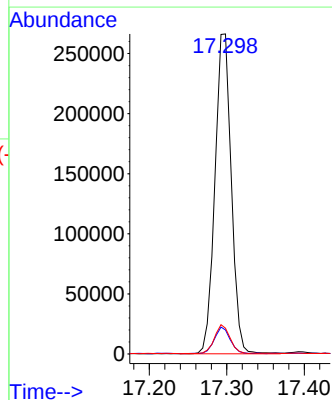
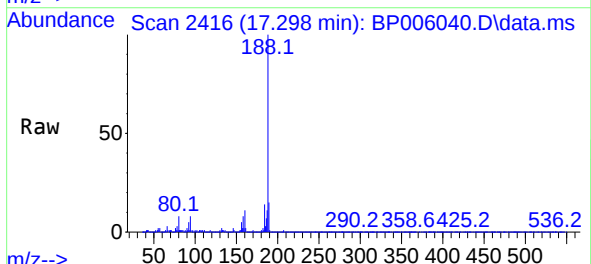
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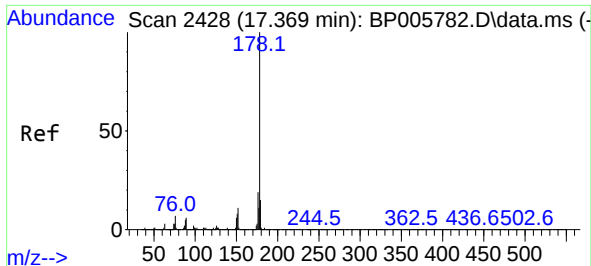
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

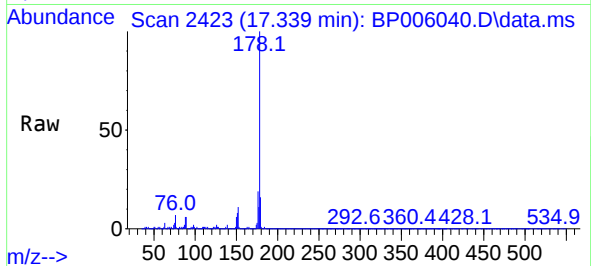
Tgt Ion:188 Resp: 390422
Ion Ratio Lower Upper
188 100
94 7.5 5.6 8.4
80 8.1 6.3 9.5





#71
Phenanthrene
Concen: 23.521 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

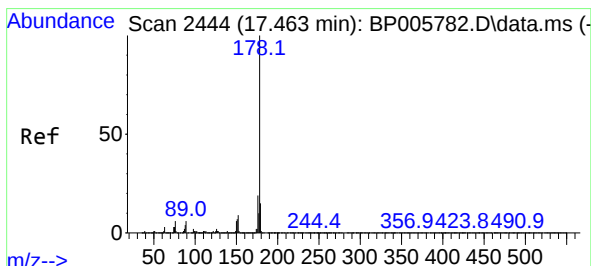
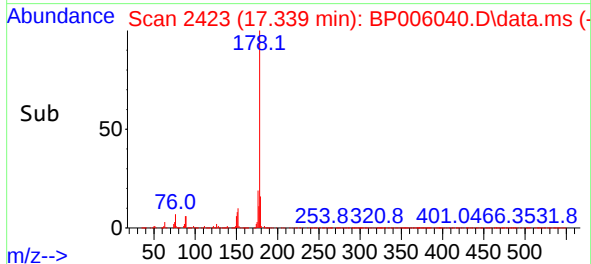
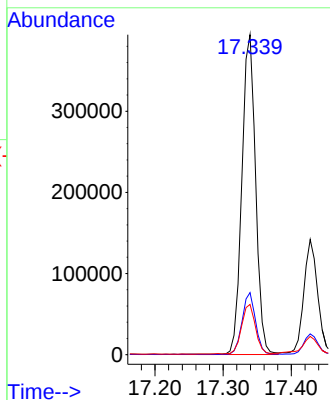
Instrument :
BNA_P
ClientSampleId :
SU-04-062121



Tgt Ion:178 Resp: 551477
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.7 12.4 18.6

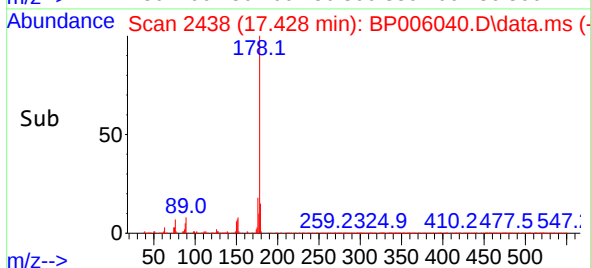
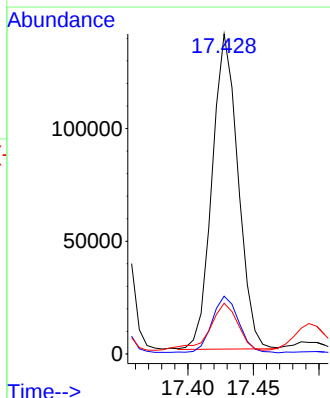
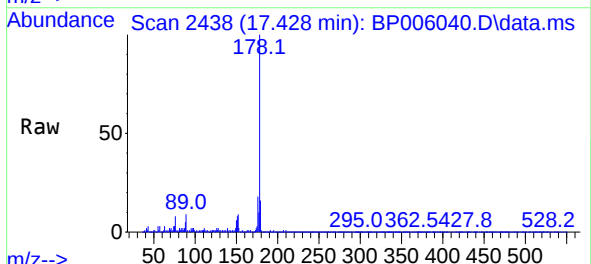
Manual Integrations
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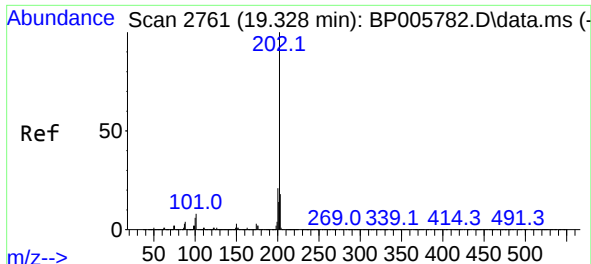
mohammad
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#72
Anthracene
Concen: 8.356 ng
RT: 17.428 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

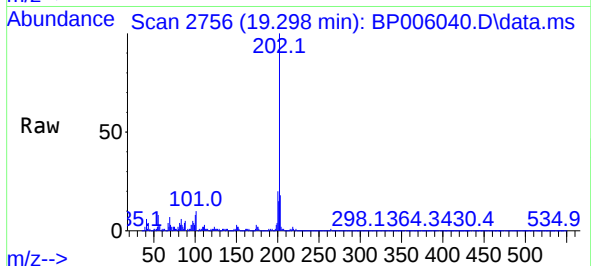
Tgt Ion:178 Resp: 192827
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 15.9 12.2 18.2





#75
Fluoranthene
Concen: 33.827 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

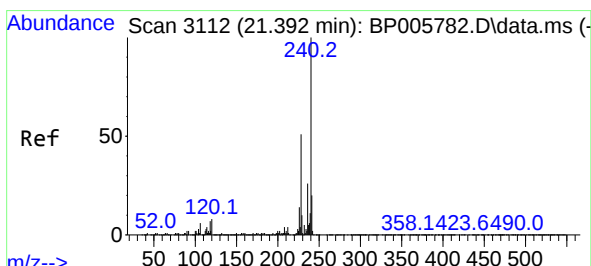
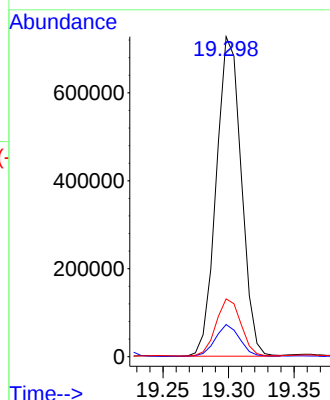
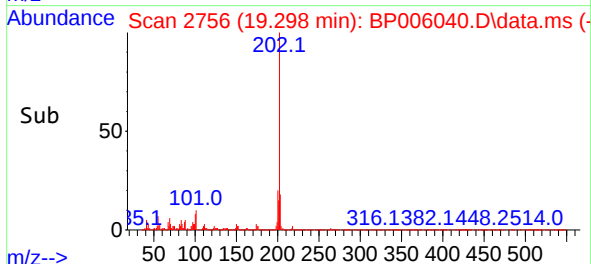
Instrument :
BNA_P
ClientSampleId :
SU-04-062121



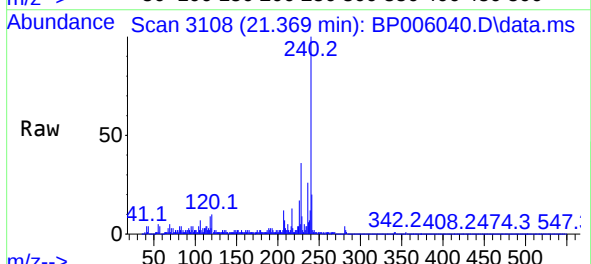
Tgt Ion:202 Resp: 963191
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.6
203 18.0 0.0 37.8

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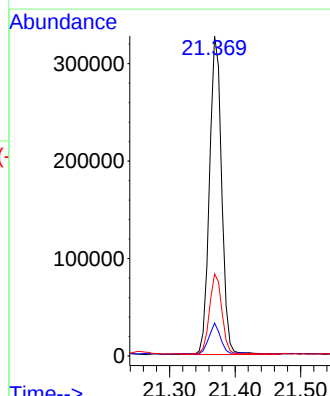
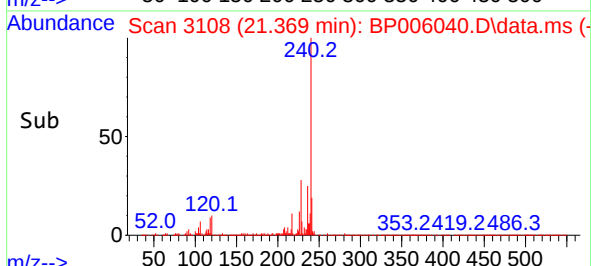
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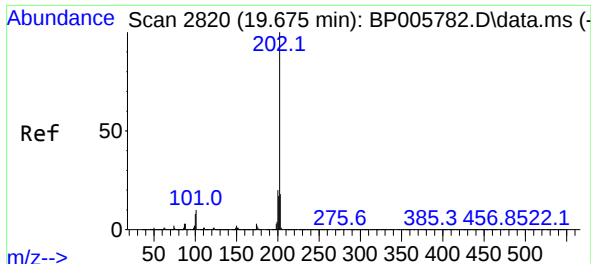


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10



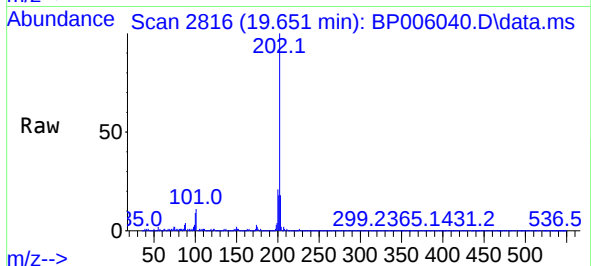
Tgt Ion:240 Resp: 423346
Ion Ratio Lower Upper
240 100
120 10.3 6.5 9.7#
236 25.7 20.6 31.0





#78
Pyrene
Concen: 34.237 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

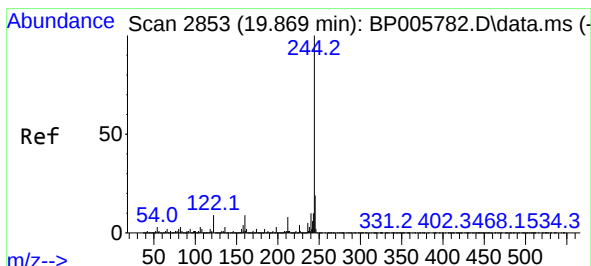
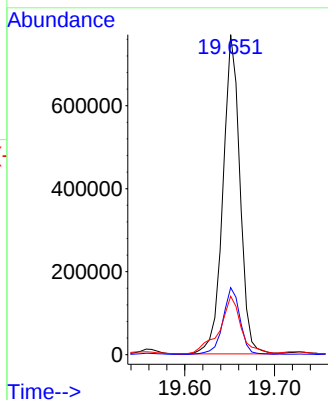
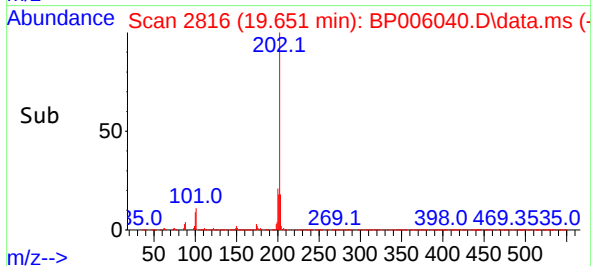
Instrument :
BNA_P
ClientSampleId :
SU-04-062121



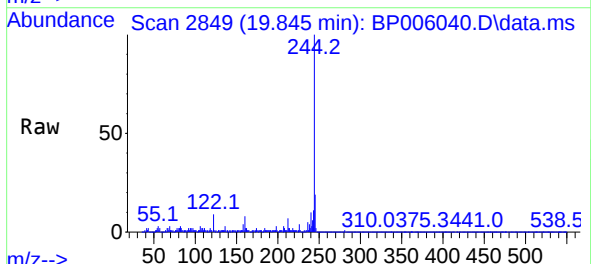
Tgt Ion:202 Resp: 1011862
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 18.2 14.2 21.2

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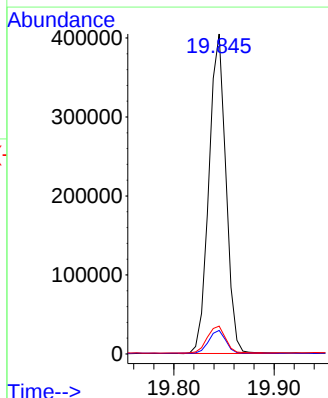
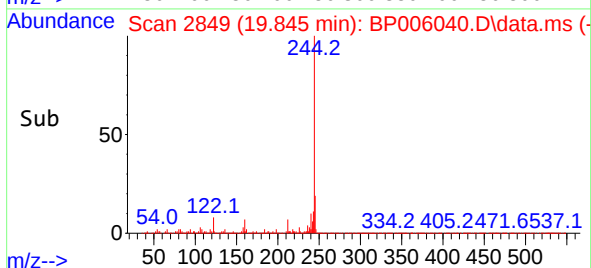
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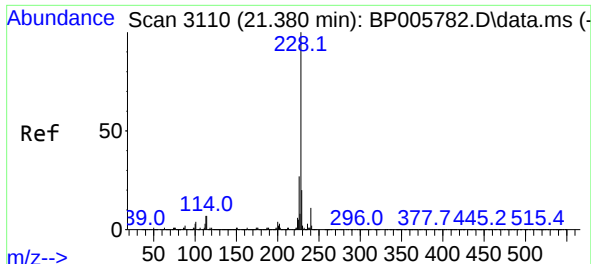


#79
Terphenyl-d14
Concen: 21.075 ng
RT: 19.845 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10



Tgt Ion:244 Resp: 476488
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 8.7 7.1 10.7





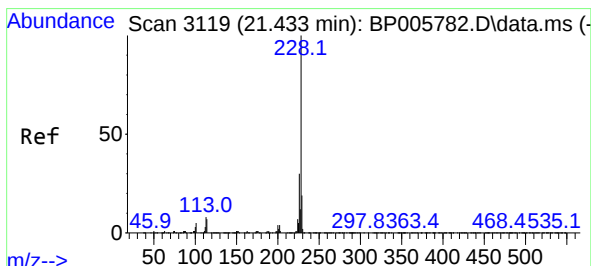
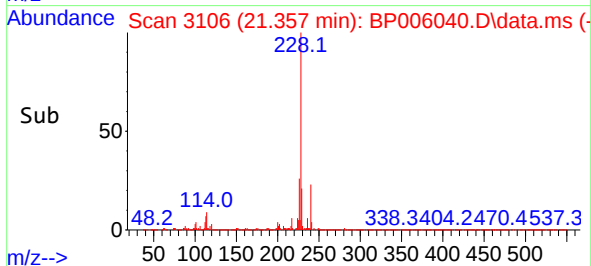
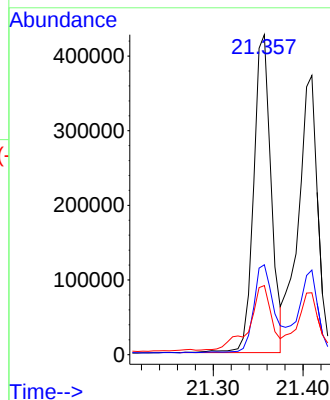
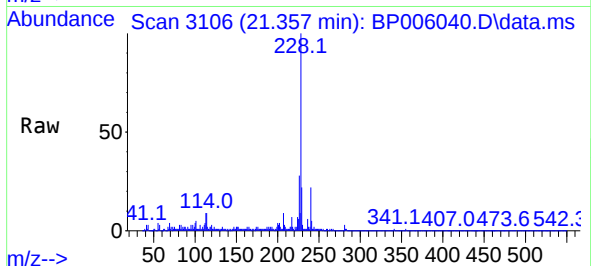
#81
Benzo(a)anthracene
Concen: 18.809 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Tgt Ion:228 Resp: 574784
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 21.6 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

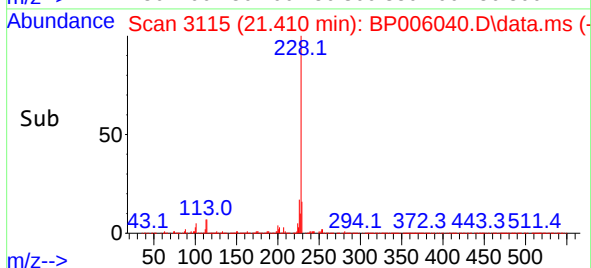
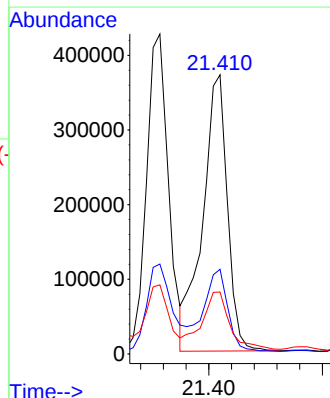
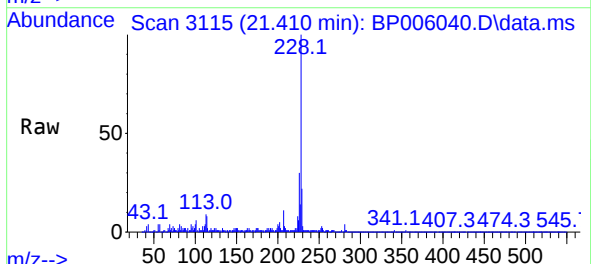
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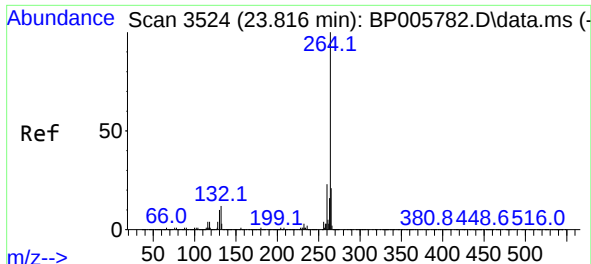
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#83
Chrysene
Concen: 18.939 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

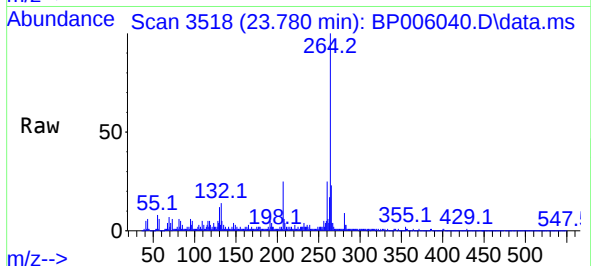
Tgt Ion:228 Resp: 560575
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 22.2 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3518
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

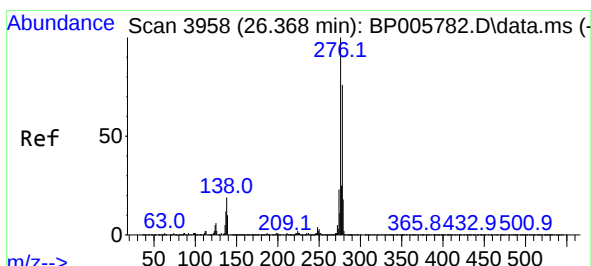
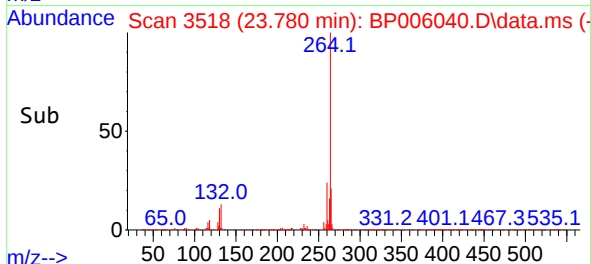
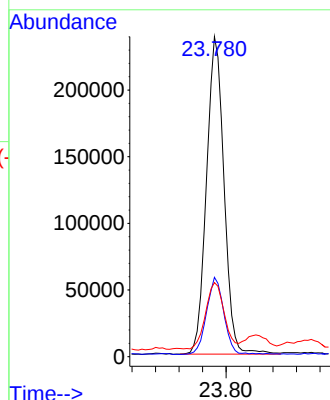
Instrument :
BNA_P
ClientSampled :
SU-04-062121



Tgt Ion:264 Resp: 495007
Ion Ratio Lower Upper
264 100
260 24.8 18.6 28.0
265 23.2 17.6 26.4

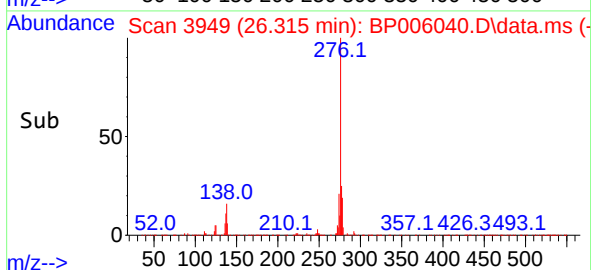
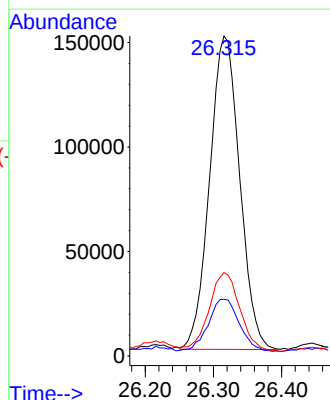
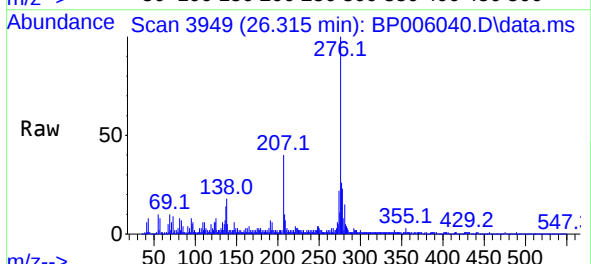
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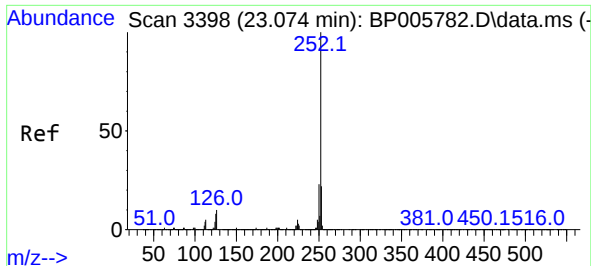
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#87
Indeno(1,2,3-cd)pyrene
Concen: 10.872 ng
RT: 26.315 min Scan# 3949
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

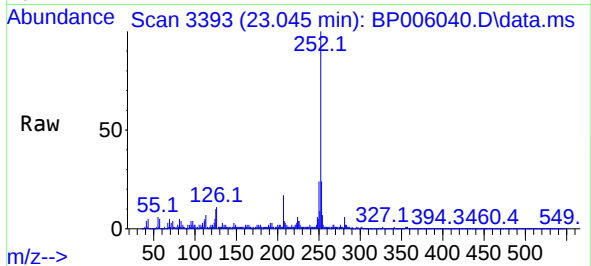
Tgt Ion:276 Resp: 460213
Ion Ratio Lower Upper
276 100
138 17.2 15.3 22.9
277 25.9 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 25.648 ng
RT: 23.045 min Scan# 3393
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

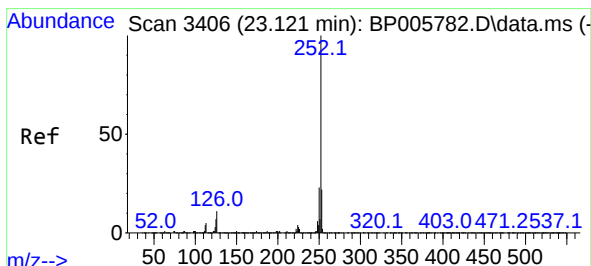
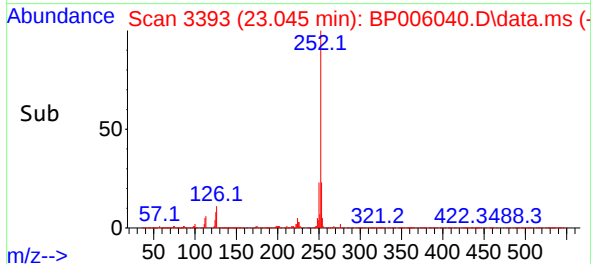
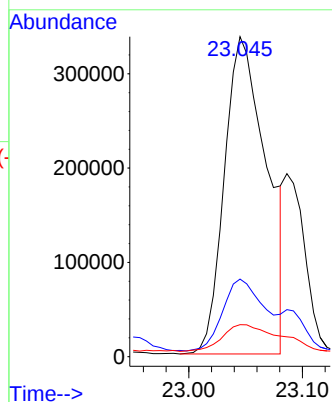
Instrument :
BNA_P
ClientSampled :
SU-04-062121



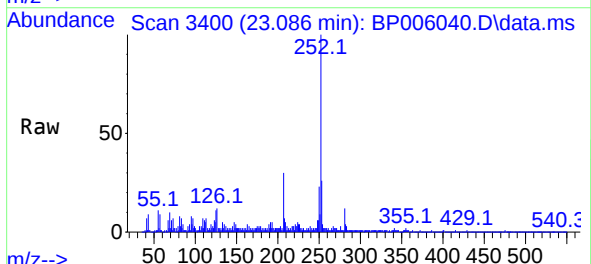
Tgt Ion:252 Resp: 869561
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 10.0 6.2 9.4#

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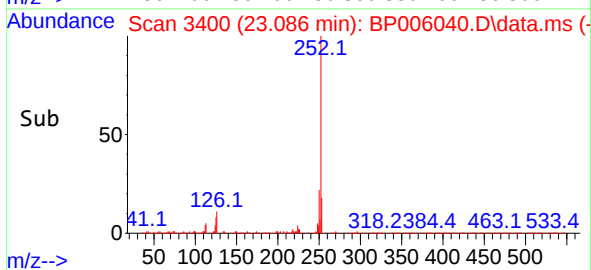
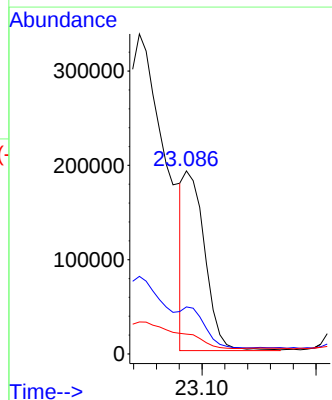
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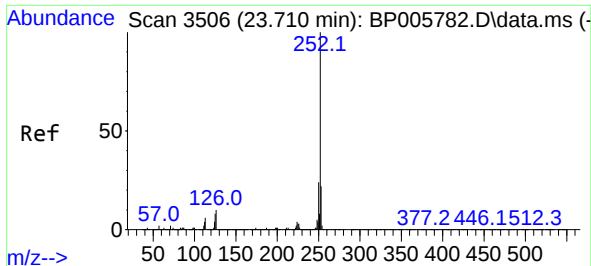


#89
Benzo(k)fluoranthene
Concen: 7.469 ng m
RT: 23.086 min Scan# 3400
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10



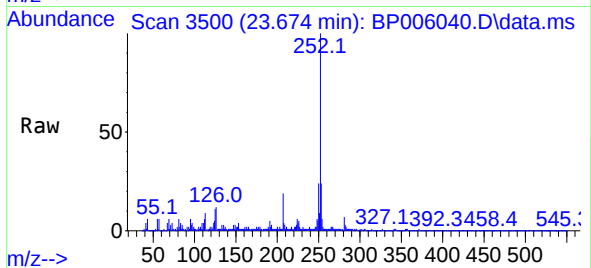
Tgt Ion:252 Resp: 245561
Ion Ratio Lower Upper
252 100
253 25.7 17.6 26.4
125 10.9 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 20.369 ng
RT: 23.674 min Scan# 3500
Delta R.T. 0.006 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

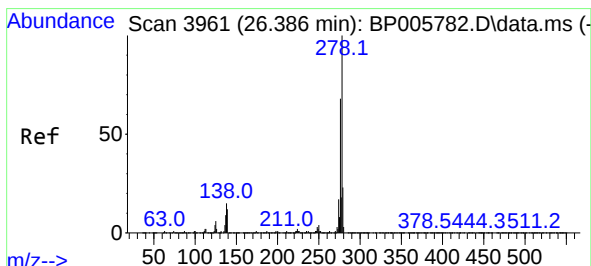
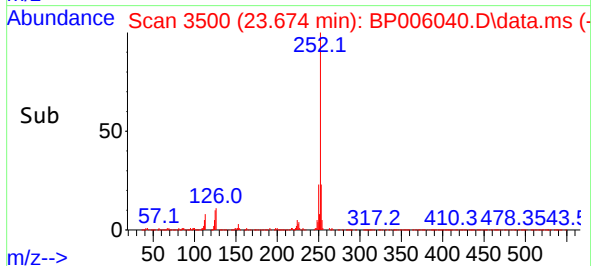
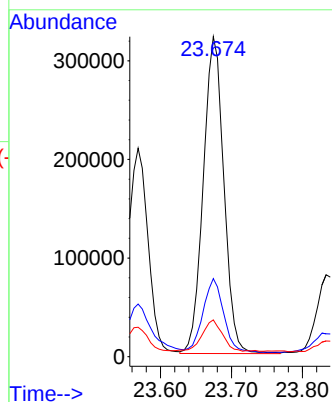
Instrument :
BNA_P
ClientSampleId :
SU-04-062121



Tgt Ion:252 Resp: 649261
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 11.5 6.5 9.7#

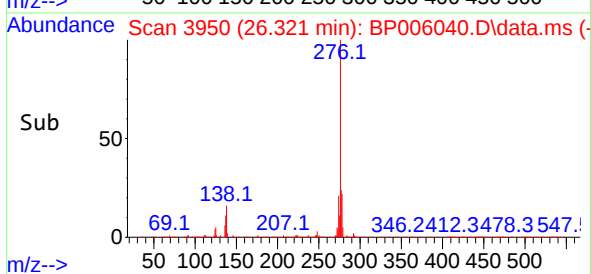
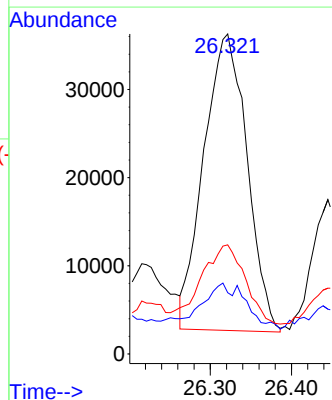
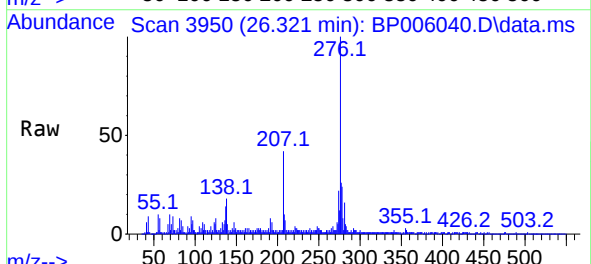
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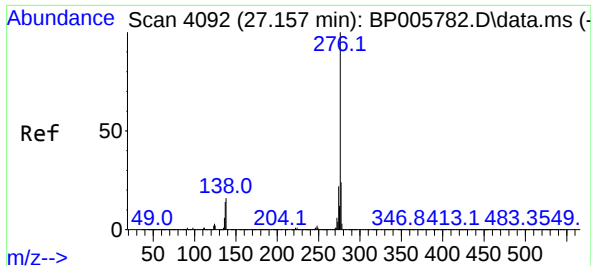
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#91
Dibenzo(a,h)anthracene
Concen: 3.413 ng
RT: 26.321 min Scan# 3950
Delta R.T. -0.000 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

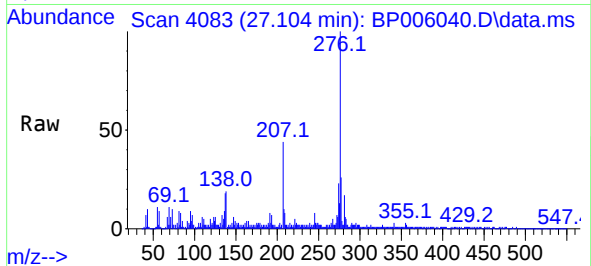
Tgt Ion:278 Resp: 124349
Ion Ratio Lower Upper
278 100
139 19.2 9.3 13.9#
279 34.1 18.8 28.2#





#92
Benzo(g,h,i)perylene
Concen: 13.216 ng
RT: 27.104 min Scan# 4083
Delta R.T. 0.018 min
Lab File: BP006040.D
Acq: 23 Jun 2021 18:10

Instrument :
BNA_P
ClientSampleId :
SU-04-062121



Tgt Ion: 276 Resp: 475672
Ion Ratio Lower Upper
276 100
277 25.8 18.9 28.3
138 18.9 12.6 18.8#

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