

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
 Data File : BP006061.D
 Acq On : 24 Jun 2021 19:45
 Operator : CG/JU
 Sample : M2795-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B1-0-2

Manual Integrations
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Quant Time: Jun 25 01:11:27 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	7.911	152	86024	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	325248	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	200409	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	406201	20.000	ng	0.00
76) Chrysene-d12	21.363	240	455793	20.000	ng	0.00
86) Perylene-d12	23.763	264	515424	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	241826	45.108	ng	0.00
7) Phenol-d6	7.093	99	296870	42.724	ng	0.00
23) Nitrobenzene-d5	9.081	82	176878	26.662	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	146064	42.471	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	389860	25.545	ng	-0.01
79) Terphenyl-d14	19.833	244	592350	24.335	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.763	128	60453	3.212	ng	98
49) Acenaphthylene	14.263	152	57808	2.856	ng	98
52) Acenaphthene	14.604	154	50334	4.094	ng	99
55) Dibenzofuran	14.940	168	44033	2.178	ng	# 95
58) Fluorene	15.587	166	49847	3.165	ng	# 97
71) Phenanthrene	17.328	178	1265546	51.879	ng	99
72) Anthracene	17.416	178	246501	10.267	ng	98
73) Carbazole	17.692	167	86800	3.766	ng	99
75) Fluoranthene	19.292	202	2109421	71.205	ng	99
78) Pyrene	19.645	202	2062222	64.810	ng	99
81) Benzo(a)anthracene	21.345	228	1029144	31.279	ng	99
83) Chrysene	21.398	228	940510	29.513	ng	97
87) Indeno(1,2,3-cd)pyrene	26.292	276	651549	14.782	ng	97
88) Benzo(b)fluoranthene	23.033	252	1211846	34.328	ng	97
89) Benzo(k)fluoranthene	23.074	252	418099m	12.214	ng	
90) Benzo(a)pyrene	23.663	252	973605	29.335	ng	98
91) Dibenzo(a,h)anthracene	26.298	278	165417	4.360	ng	# 84
92) Benzo(g,h,i)perylene	27.074	276	654345	17.460	ng	97

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

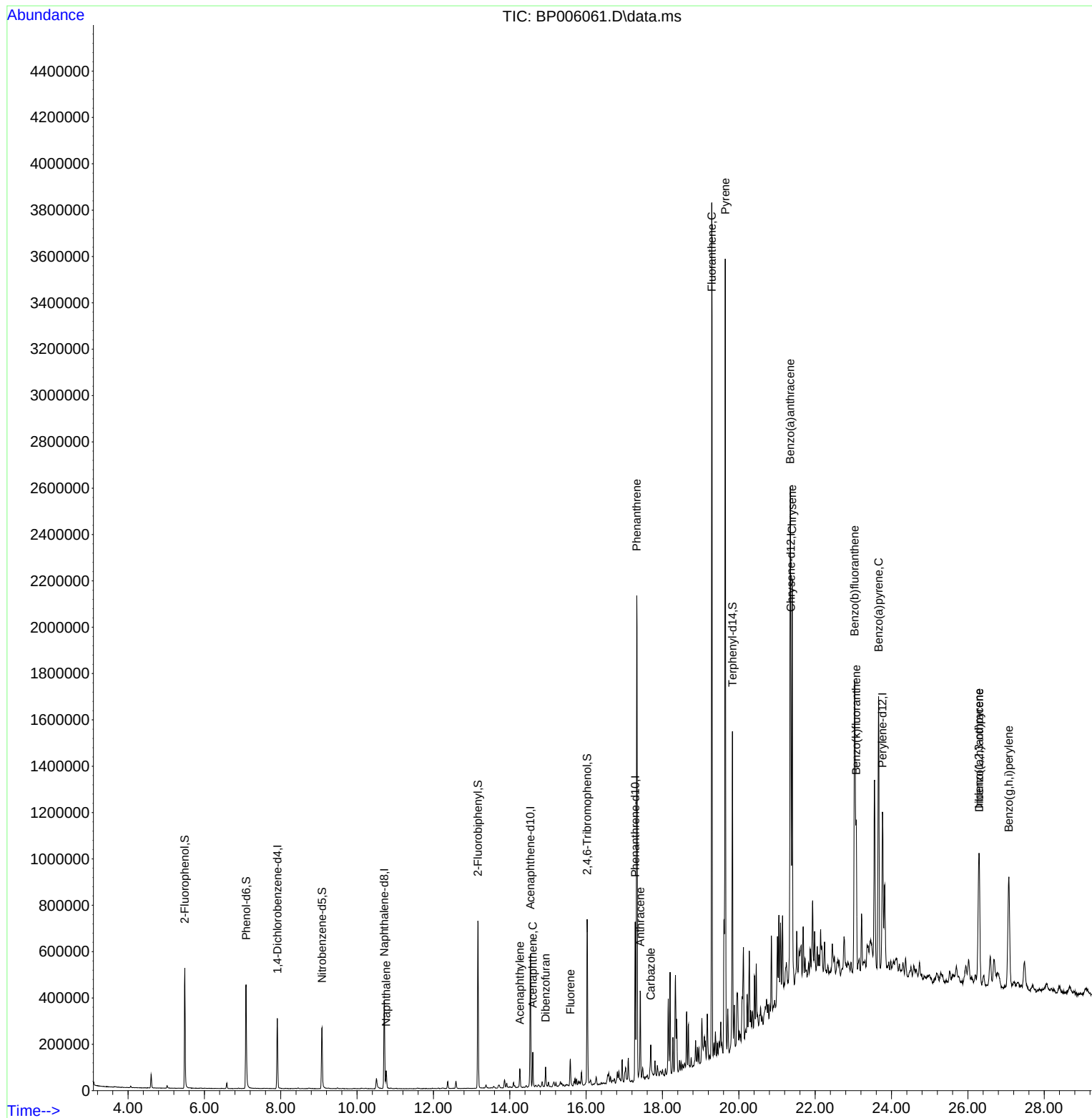
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006061.D
Acq On : 24 Jun 2021 19:45
Operator : CG/JU
Sample : M2795-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

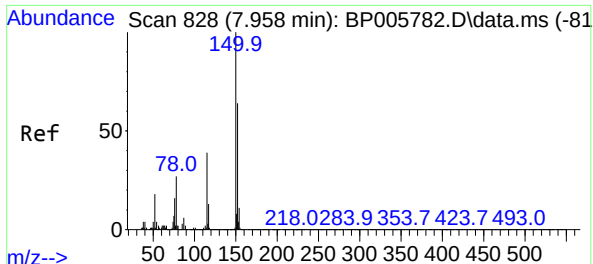
Instrument :
BNA_P
ClientSampled :
B1-0-2

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Quant Time: Jun 25 01:11:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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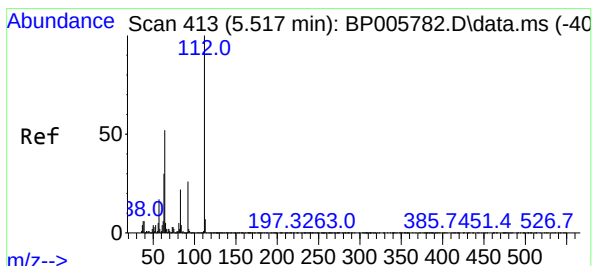
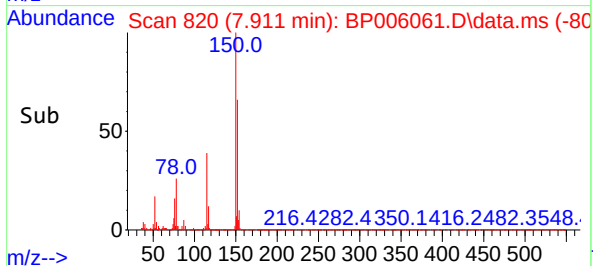
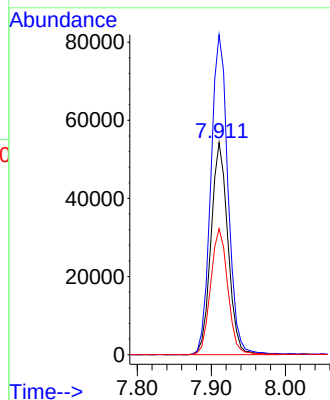
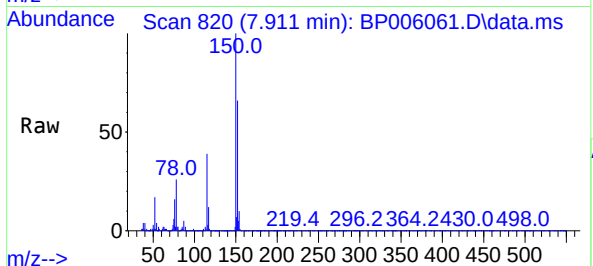
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 820
Delta R.T. -0.011 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

Tgt Ion:	152	Resp:	86024
Ion Ratio	Lower	Upper	
152	100		
150	150.8	125.6	188.4
115	59.4	48.5	72.7

Instrument :
BNA_P
ClientSampleId :
B1-0-2

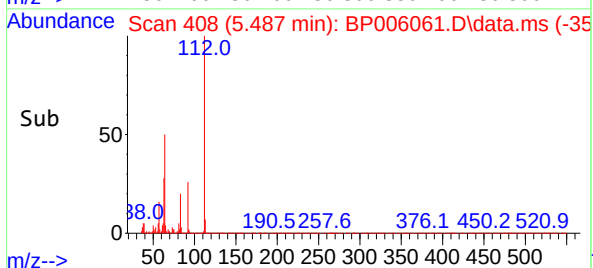
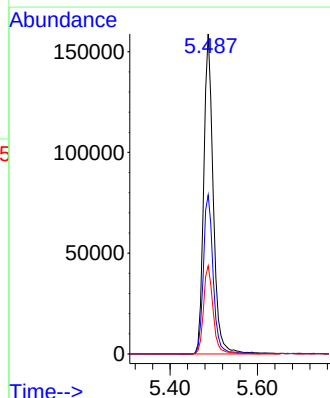
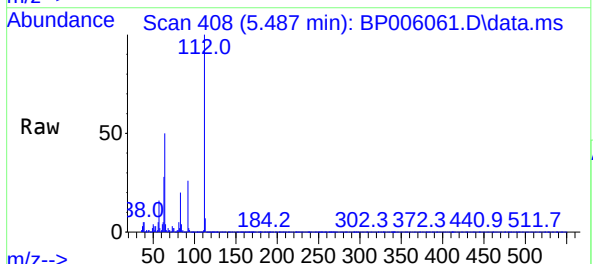
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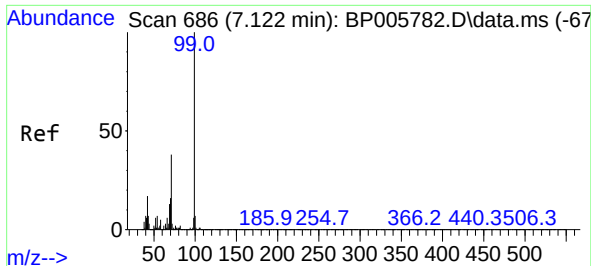
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#5
2-Fluorophenol
Concen: 45.108 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

Tgt Ion:	112	Resp:	241826
Ion Ratio	Lower	Upper	
112	100		
64	49.7	41.4	62.2
63	27.5	23.8	35.8





#7
Phenol-d6
Concen: 42.724 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

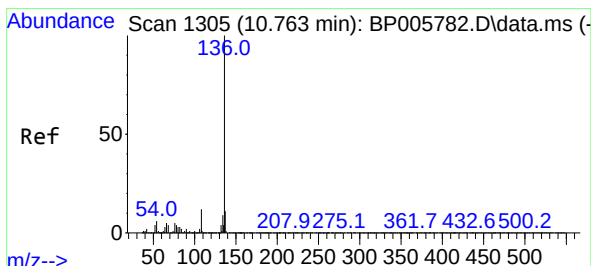
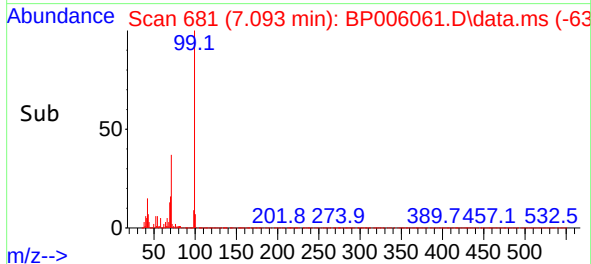
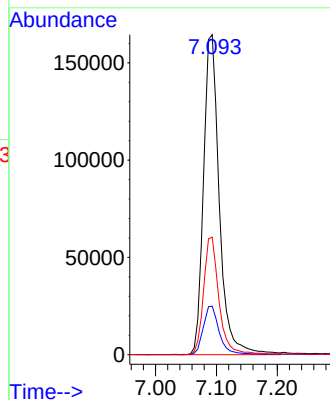
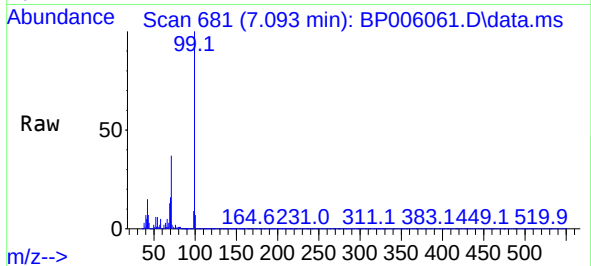
Tgt Ion: 99 Resp: 296870
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 36.8 30.6 46.0

Instrument :
BNA_P
ClientSampled :
B1-0-2

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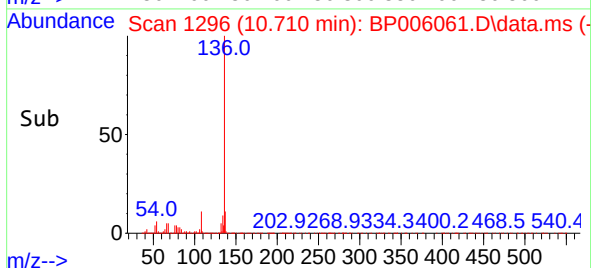
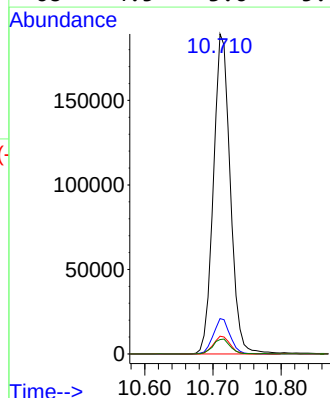
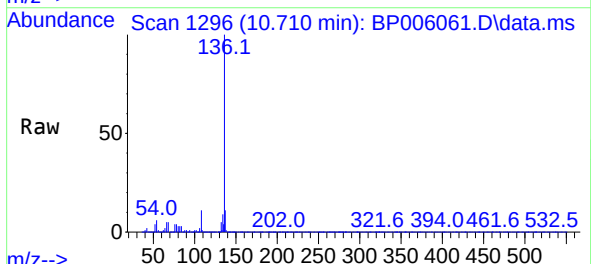
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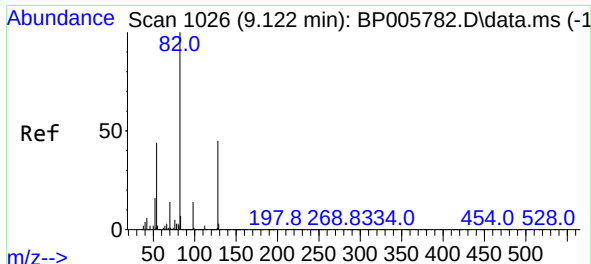
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

Tgt Ion: 136 Resp: 325248
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 5.6 4.6 6.8
68 4.5 3.6 5.4





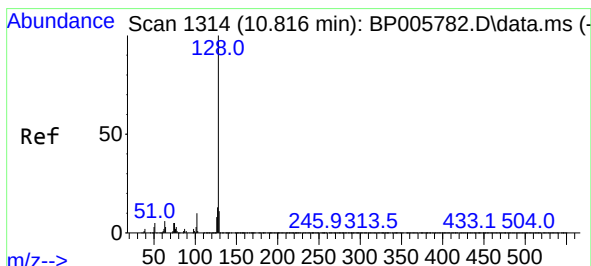
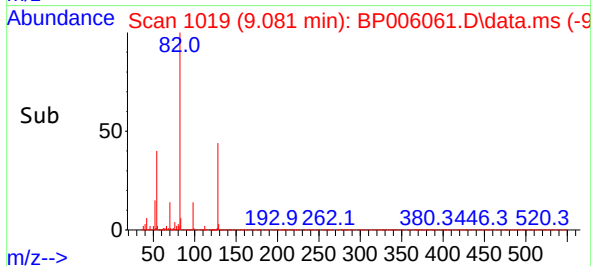
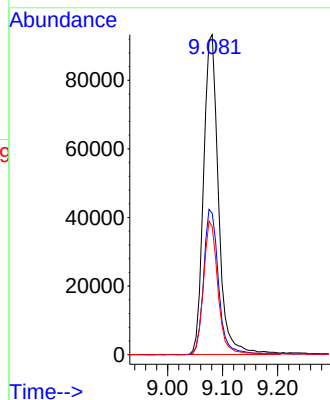
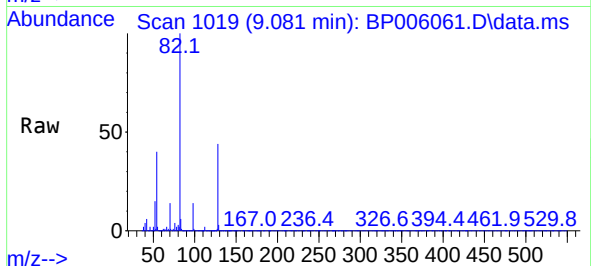
#23
Nitrobenzene-d5
Concen: 26.662 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

Tgt Ion: 82 Resp: 176878
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 40.0 35.0 52.4

Instrument :
BNA_P
ClientSampled :
B1-0-2

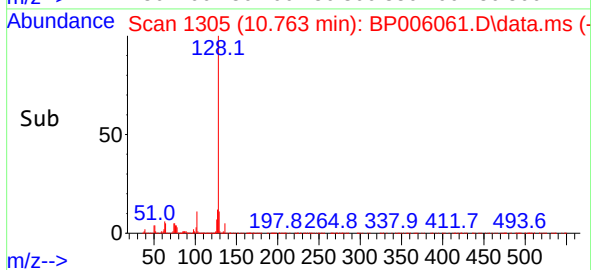
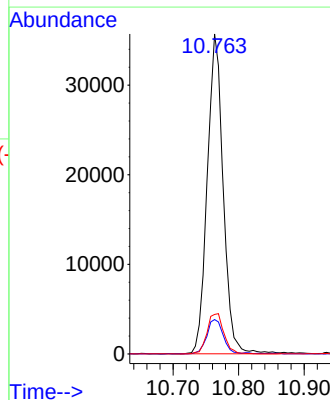
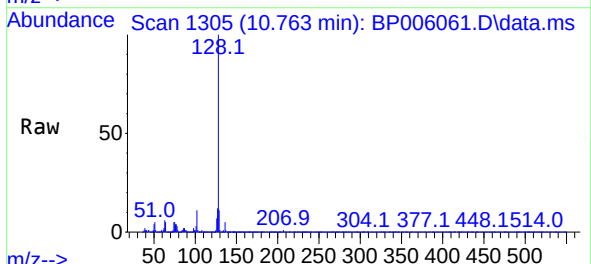
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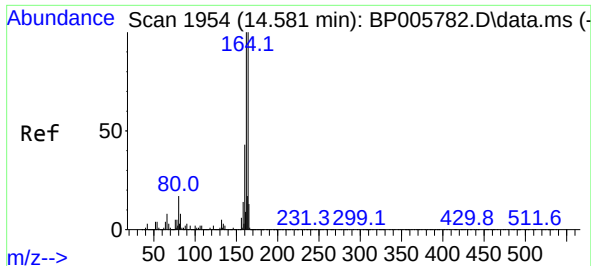
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#31
Naphthalene
Concen: 3.212 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

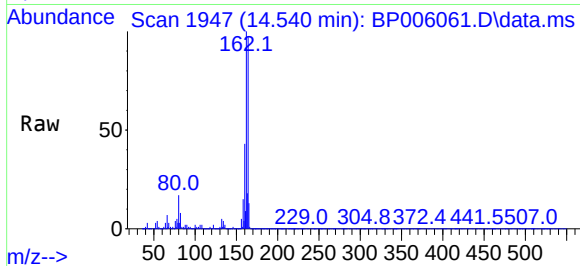
Tgt Ion: 128 Resp: 60453
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.4 10.7 16.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

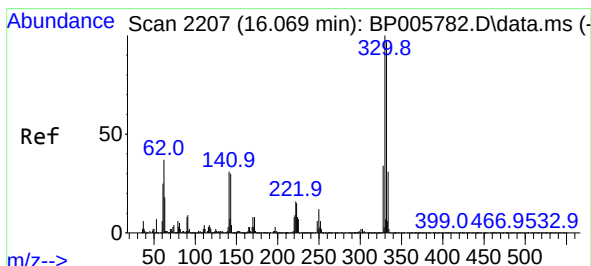
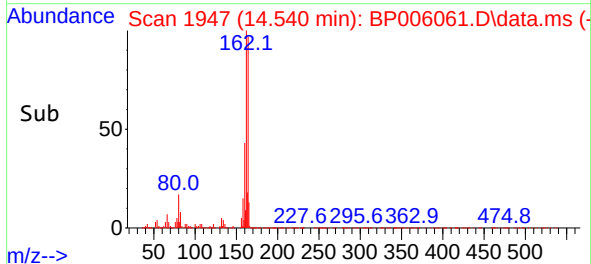
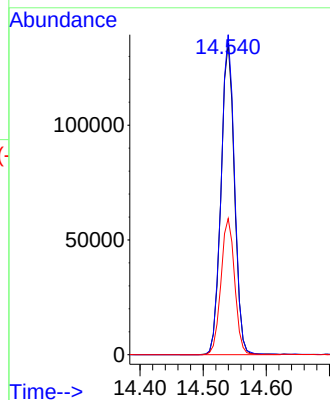
Instrument :
BNA_P
ClientSampled :
B1-0-2



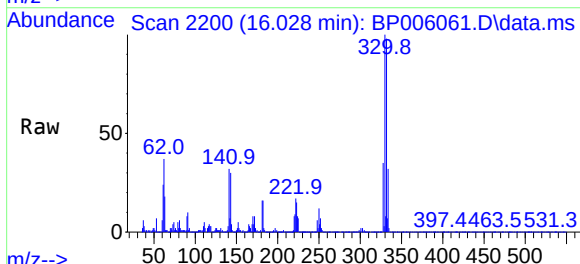
Tgt Ion:164 Resp: 200409
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 43.7 34.5 51.7

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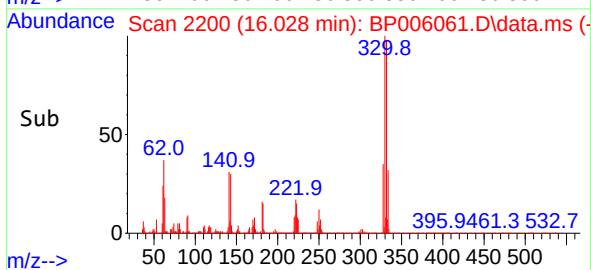
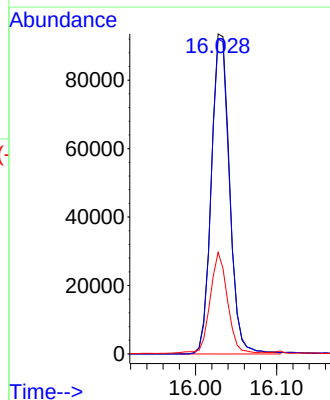
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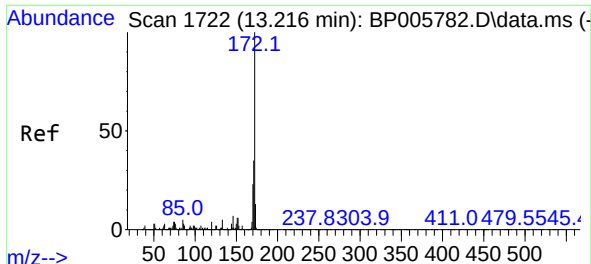


#42
2,4,6-Tribromophenol
Concen: 42.471 ng
RT: 16.028 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45



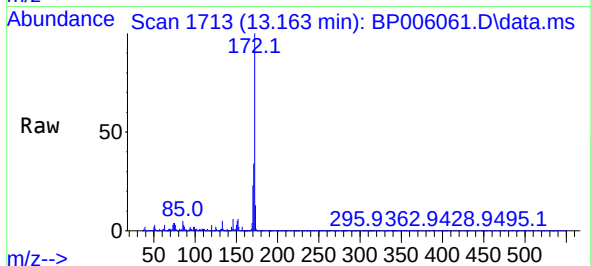
Tgt Ion:330 Resp: 146064
Ion Ratio Lower Upper
330 100
332 98.7 77.8 116.8
141 30.1 25.4 38.2





#45
2-Fluorobiphenyl
Concen: 25.545 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

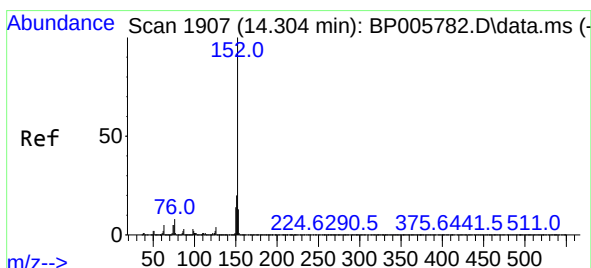
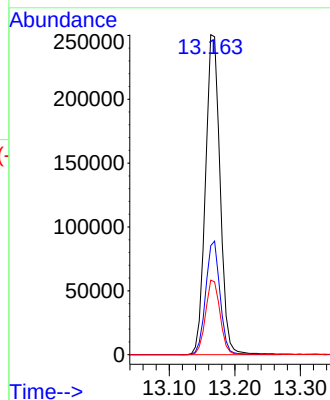
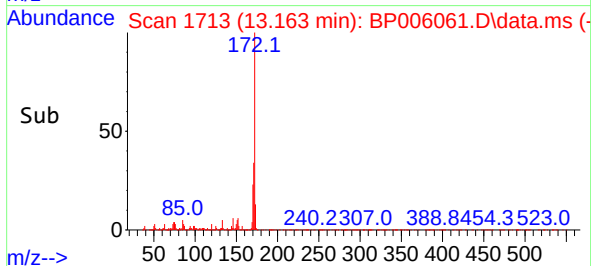
Instrument :
BNA_P
ClientSampleId :
B1-0-2



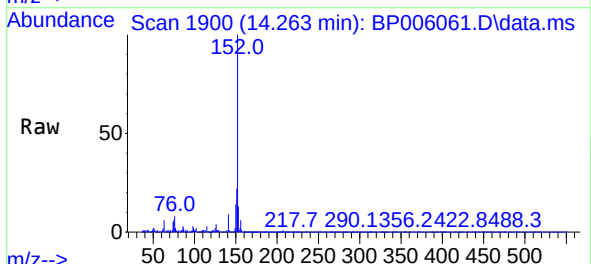
Tgt Ion:172 Resp: 389860
Ion Ratio Lower Upper
172 100
171 34.0 27.9 41.9
170 23.3 18.6 27.8

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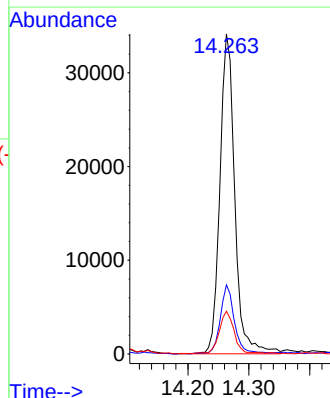
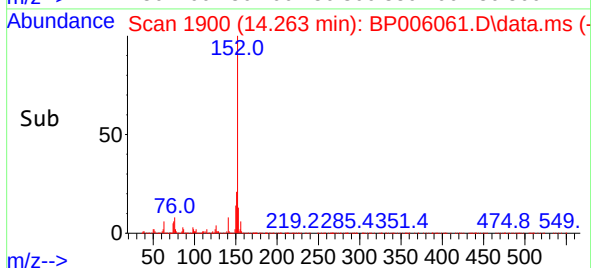
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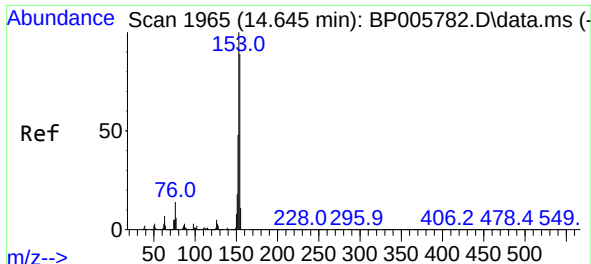


#49
Acenaphthylene
Concen: 2.856 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45



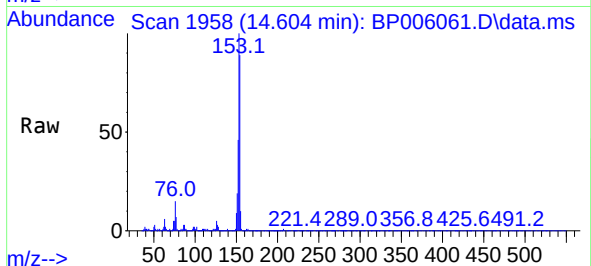
Tgt Ion:152 Resp: 57808
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2
153 13.3 10.6 16.0





#52
Acenaphthene
Concen: 4.094 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

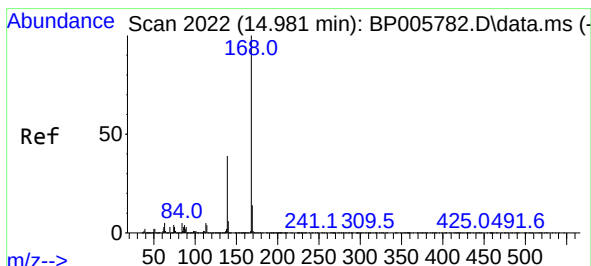
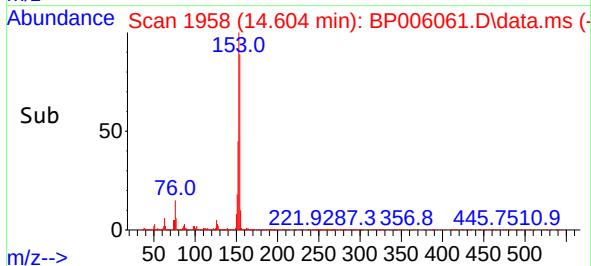
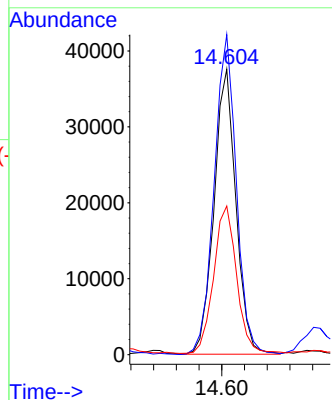
Instrument :
BNA_P
ClientSampleId :
B1-0-2



Tgt Ion:154 Resp: 50334
Ion Ratio Lower Upper
154 100
153 112.1 89.4 134.2
152 52.1 43.0 64.4

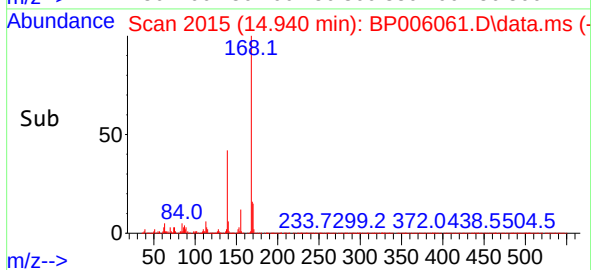
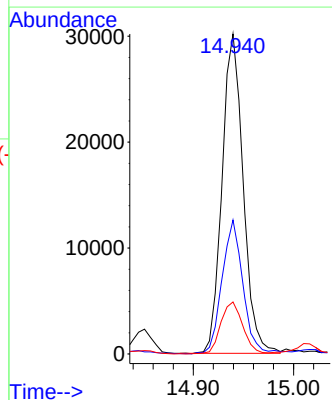
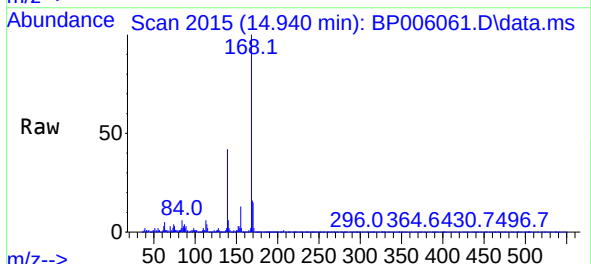
Manual Integrations
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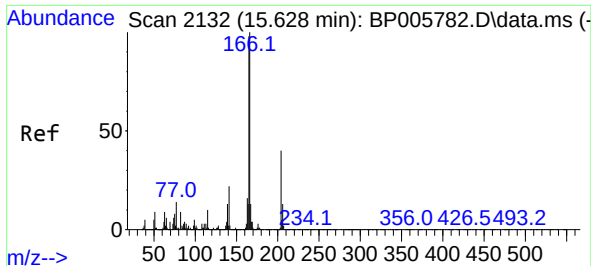
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#55
Dibenzofuran
Concen: 2.178 ng
RT: 14.940 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

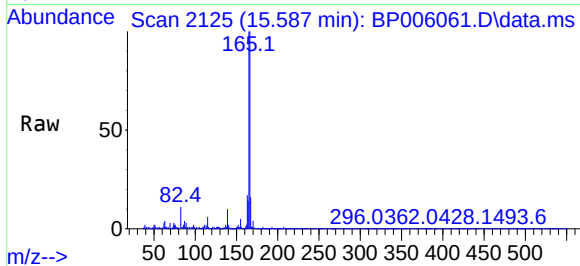
Tgt Ion:168 Resp: 44033
Ion Ratio Lower Upper
168 100
139 41.8 31.0 46.6
169 16.3 10.8 16.2#





#58
Fluorene
Concen: 3.165 ng
RT: 15.587 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

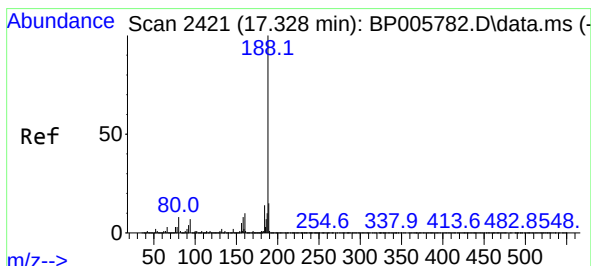
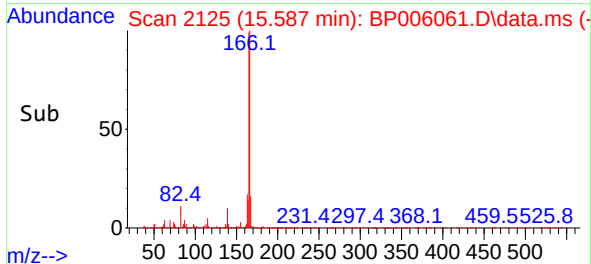
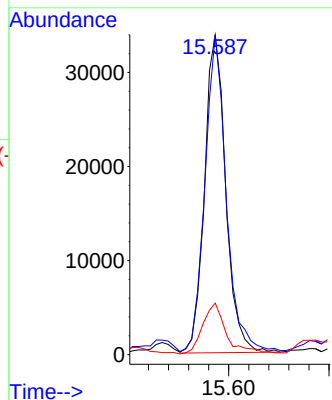
Instrument :
BNA_P
ClientSampled :
B1-0-2



Tgt Ion:166 Resp: 49847
Ion Ratio Lower Upper
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165 100.2 78.0 117.0
167 16.2 10.5 15.7#

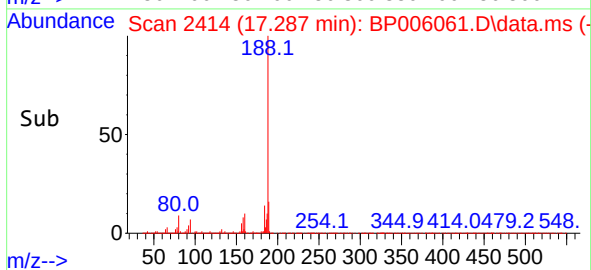
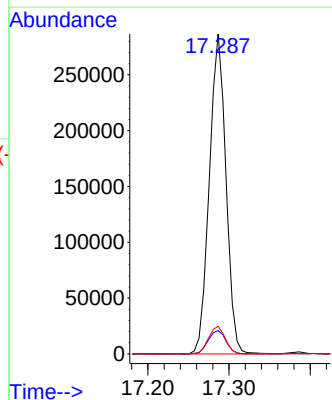
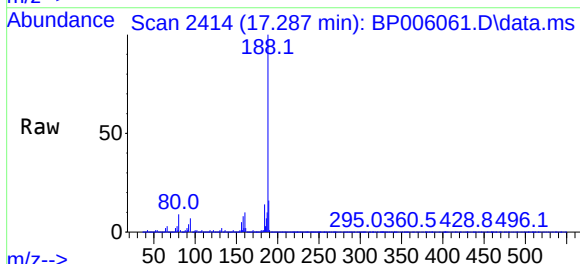
Manual Integrations
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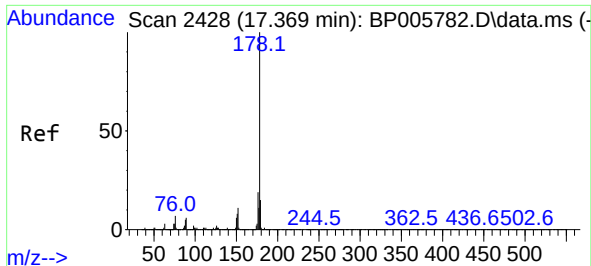
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.287 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

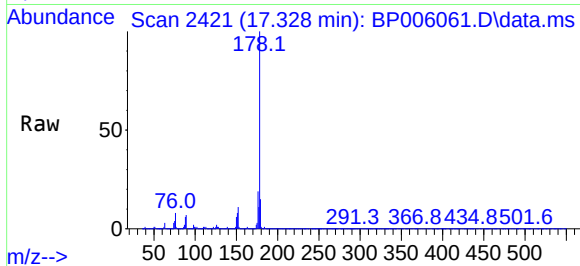
Tgt Ion:188 Resp: 406201
Ion Ratio Lower Upper
188 100
94 7.3 5.6 8.4
80 8.7 6.3 9.5





#71
Phenanthrene
Concen: 51.879 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

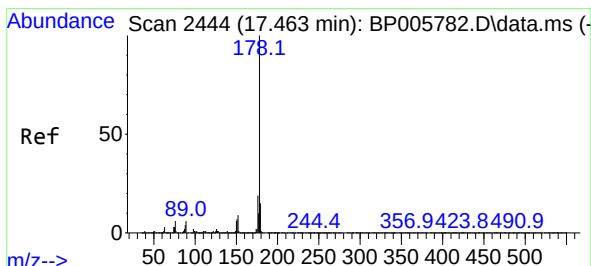
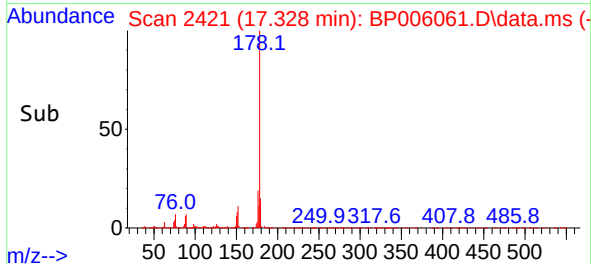
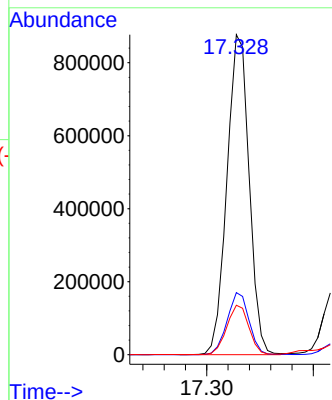
Instrument :
BNA_P
ClientSampleId :
B1-0-2



Tgt Ion:178 Resp: 1265546
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.4 12.4 18.6

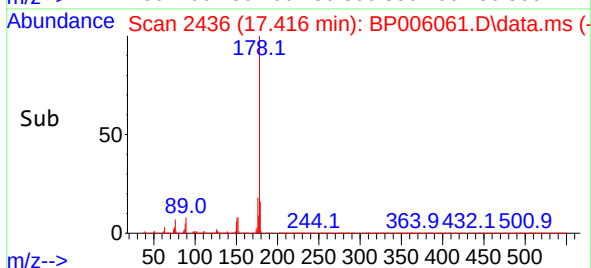
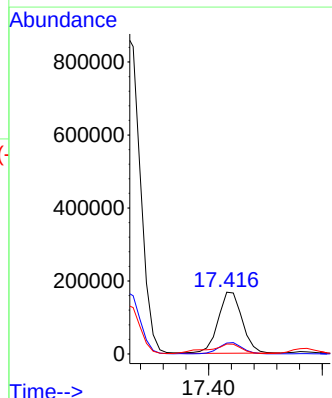
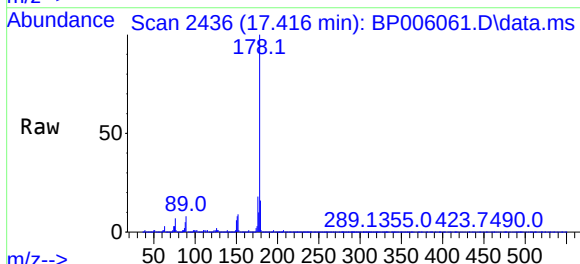
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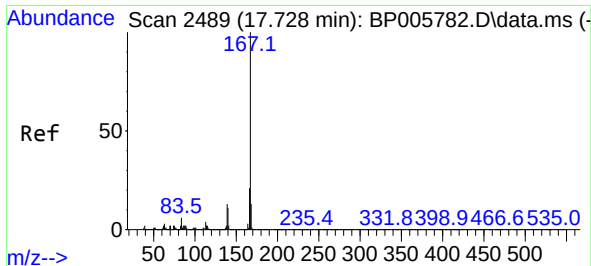
mohammad
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#72
Anthracene
Concen: 10.267 ng
RT: 17.416 min Scan# 2436
Delta R.T. -0.018 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

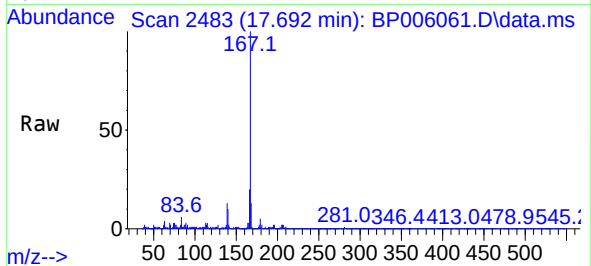
Tgt Ion:178 Resp: 246501
Ion Ratio Lower Upper
178 100
176 17.7 14.9 22.3
179 16.1 12.2 18.2





#73
 Carbazole
 Concen: 3.766 ng
 RT: 17.692 min Scan# 2483
 Delta R.T. -0.012 min
 Lab File: BP006061.D
 Acq: 24 Jun 2021 19:45

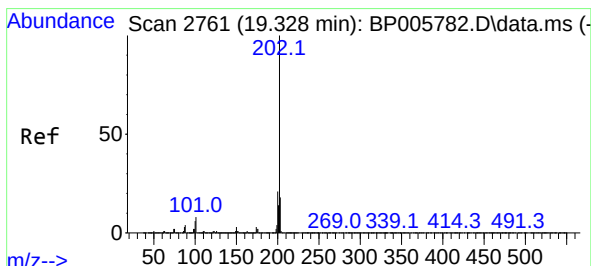
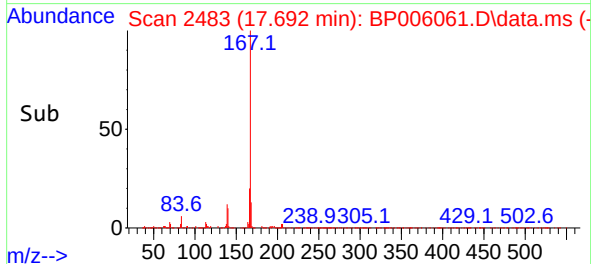
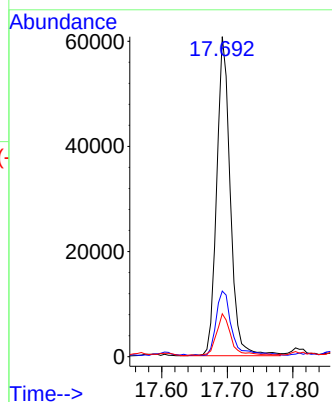
Instrument :
 BNA_P
 ClientSampleId :
 B1-0-2



Tgt Ion:167 Resp: 86800
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.1 25.7
 139 13.4 10.7 16.1

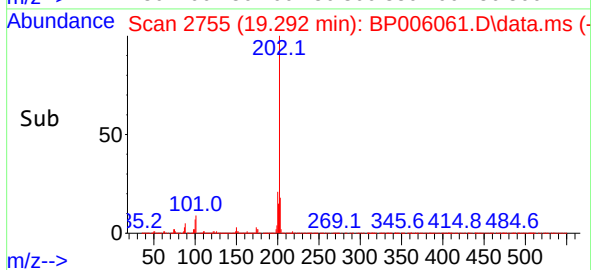
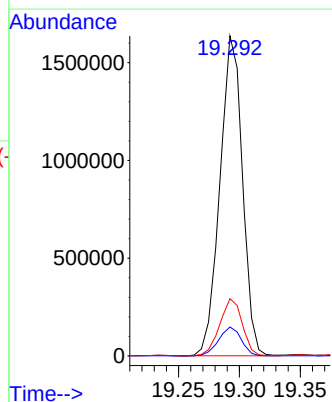
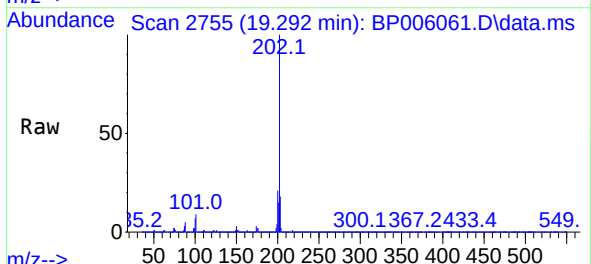
Manual Integrations
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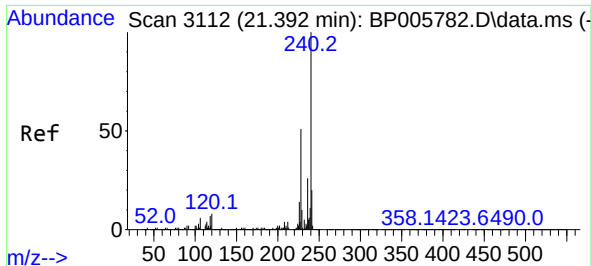
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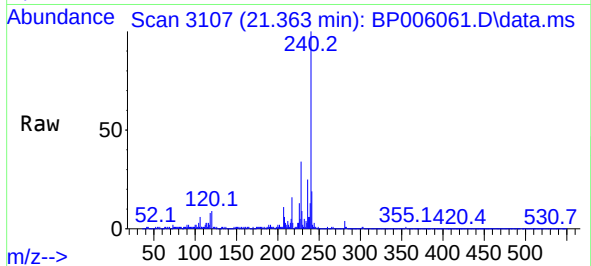
#75
 Fluoranthene
 Concen: 71.205 ng
 RT: 19.292 min Scan# 2755
 Delta R.T. -0.006 min
 Lab File: BP006061.D
 Acq: 24 Jun 2021 19:45

Tgt Ion:202 Resp: 2109421
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 27.6
 203 17.9 0.0 37.8

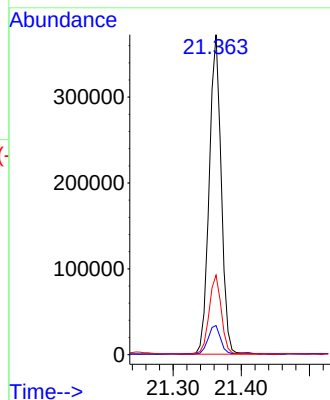




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45



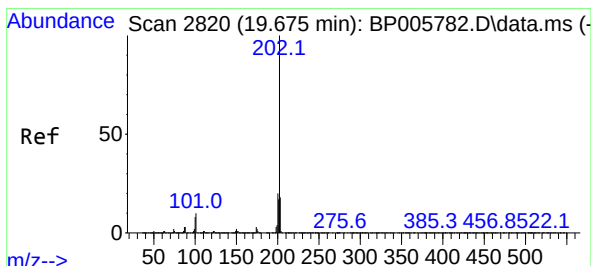
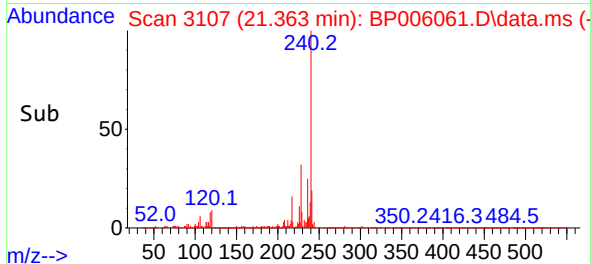
Tgt Ion:240 Resp: 455793
Ion Ratio Lower Upper
240 100
120 9.1 6.5 9.7
236 24.9 20.6 31.0



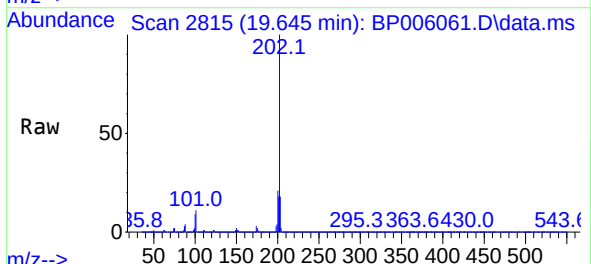
Instrument :
BNA_P
ClientSampleId :
B1-0-2

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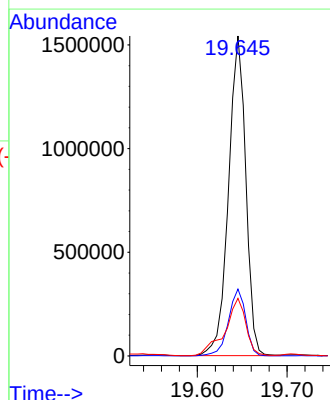
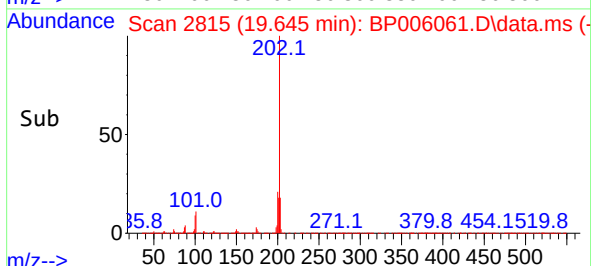
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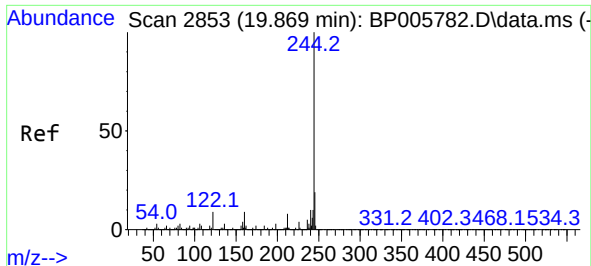


#78
Pyrene
Concen: 64.810 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45



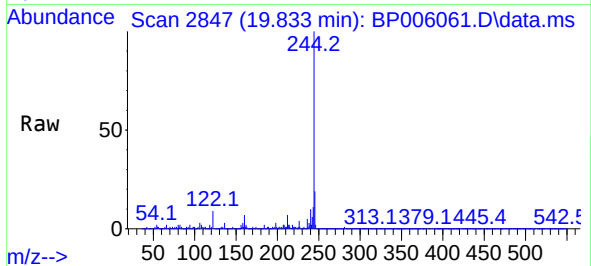
Tgt Ion:202 Resp: 2062222
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 18.0 14.2 21.2





#79
 Terphenyl-d14
 Concen: 24.335 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. -0.012 min
 Lab File: BP006061.D
 Acq: 24 Jun 2021 19:45

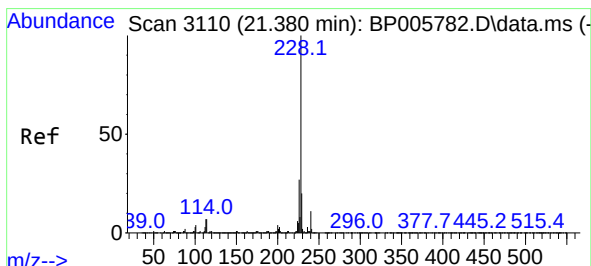
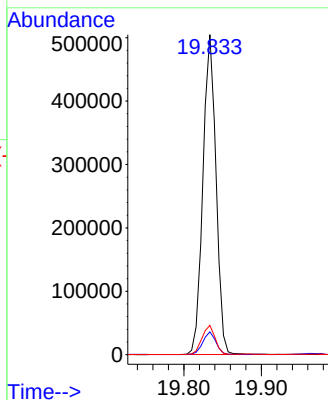
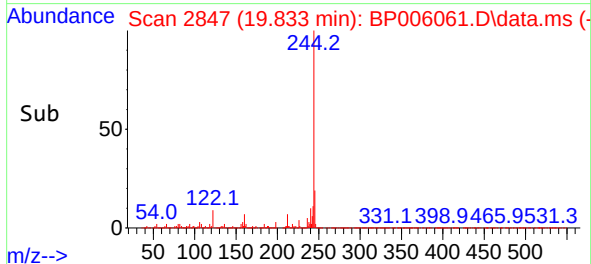
Instrument :
 BNA_P
 ClientSampled :
 B1-0-2



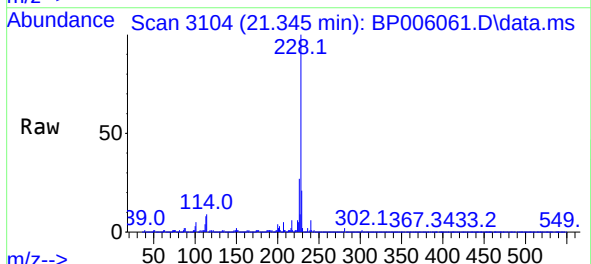
Tgt Ion:244 Resp: 592350
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.2 7.1 10.7

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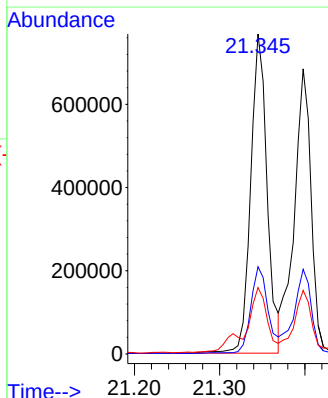
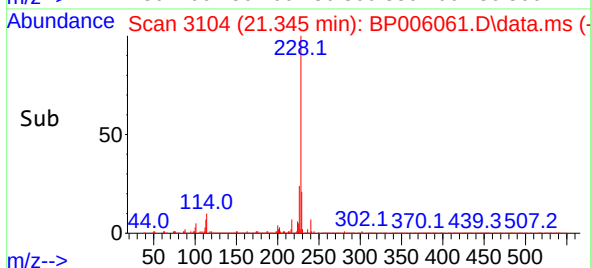
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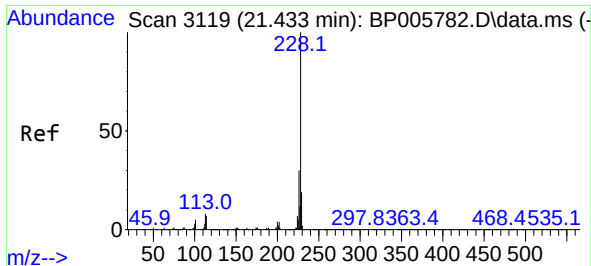


#81
 Benzo(a)anthracene
 Concen: 31.279 ng
 RT: 21.345 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BP006061.D
 Acq: 24 Jun 2021 19:45



Tgt Ion:228 Resp: 1029144
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.6 32.4
 229 20.8 15.8 23.6





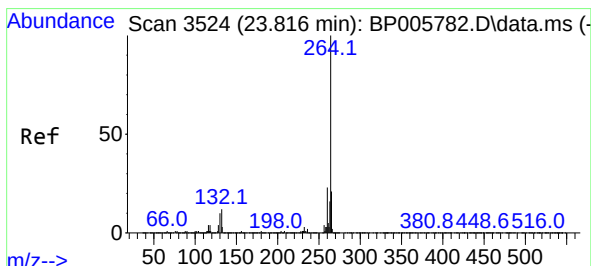
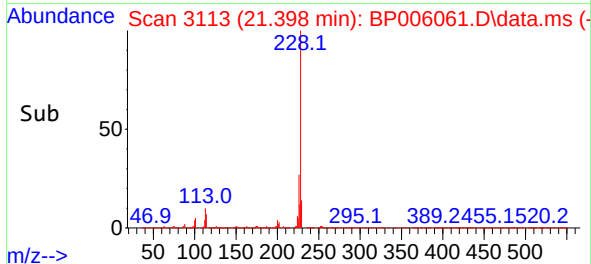
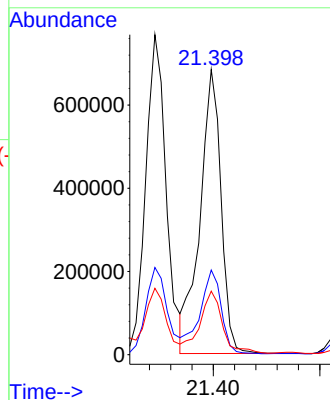
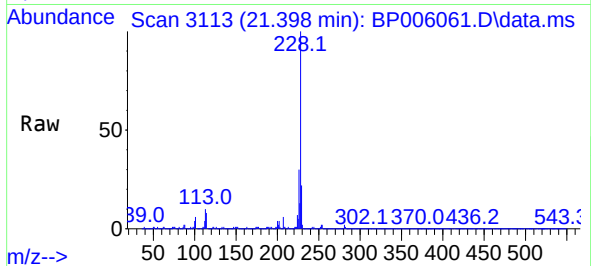
#83
Chrysene
Concen: 29.513 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

Tgt Ion:	228	Resp:	940510
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.8	35.6
229	22.3	15.4	23.2

Instrument :
BNA_P
ClientSampled :
B1-0-2

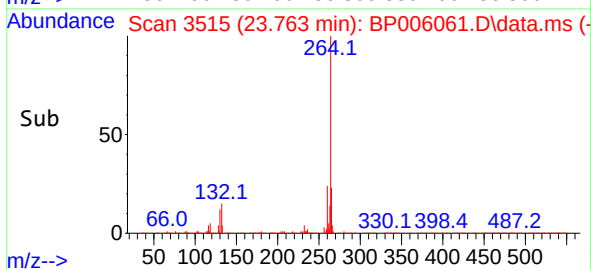
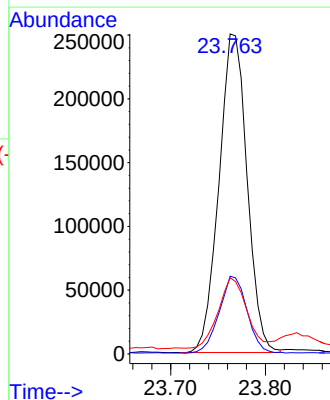
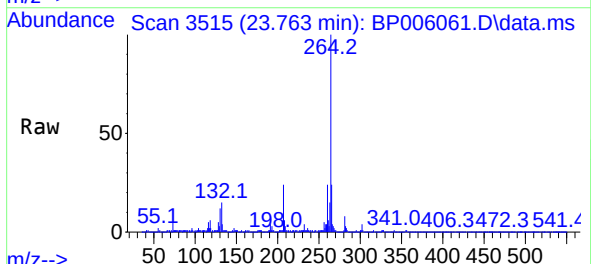
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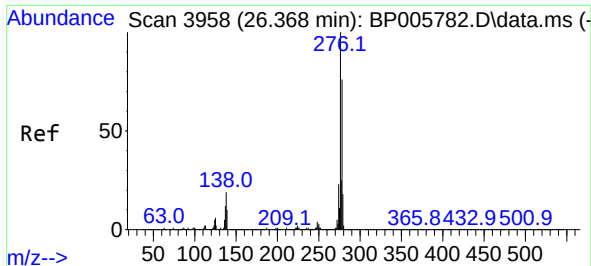
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

Tgt Ion:	264	Resp:	515424
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.6	28.0
265	23.8	17.6	26.4





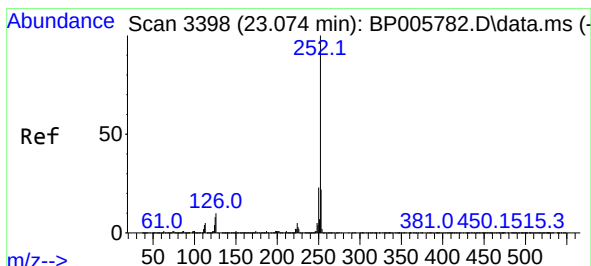
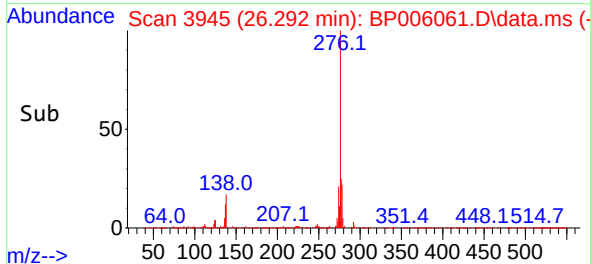
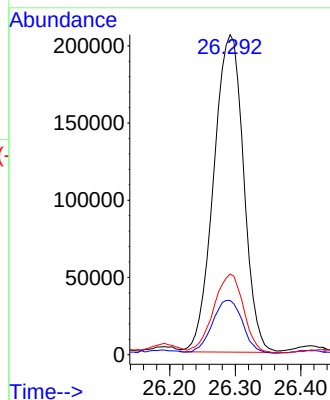
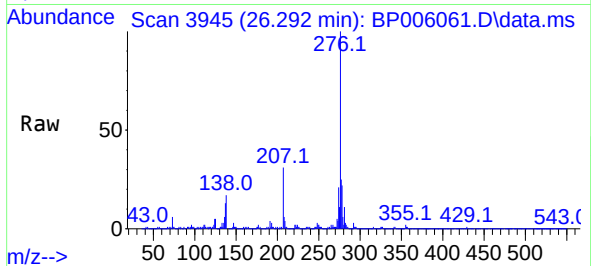
#87
Indeno(1,2,3-cd)pyrene
Concen: 14.782 ng
RT: 26.292 min Scan# 3945
Delta R.T. -0.018 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

Tgt Ion: 276 Resp: 651549
Ion Ratio Lower Upper
276 100
138 16.9 15.3 22.9
277 25.0 20.4 30.6

Instrument :
BNA_P
ClientSampled :
B1-0-2

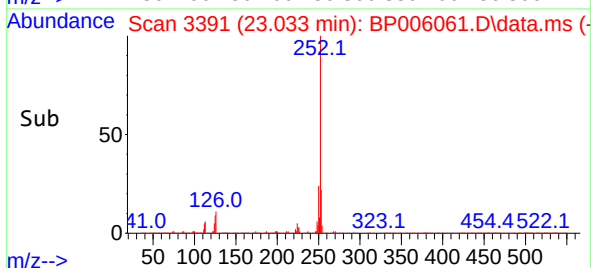
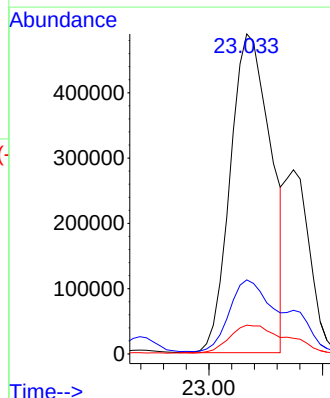
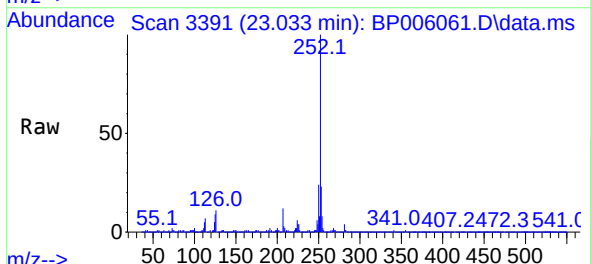
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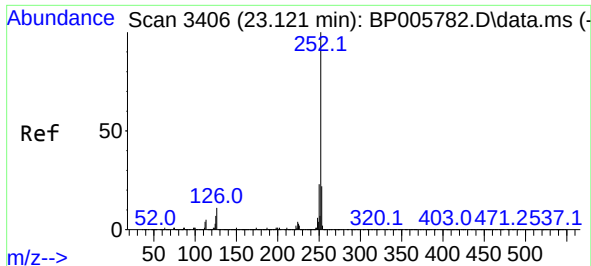
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#88
Benzo(b)fluoranthene
Concen: 34.328 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

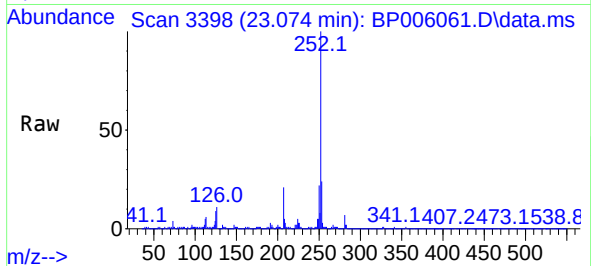
Tgt Ion: 252 Resp: 1211846
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 9.0 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 12.214 ng m
RT: 23.074 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

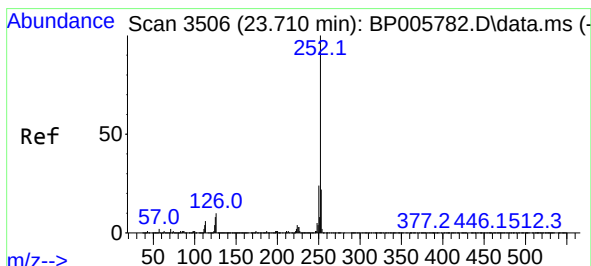
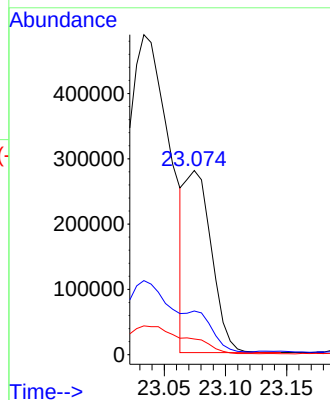
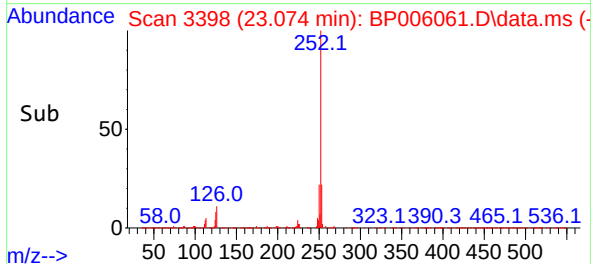
Instrument :
BNA_P
ClientSampled :
B1-0-2



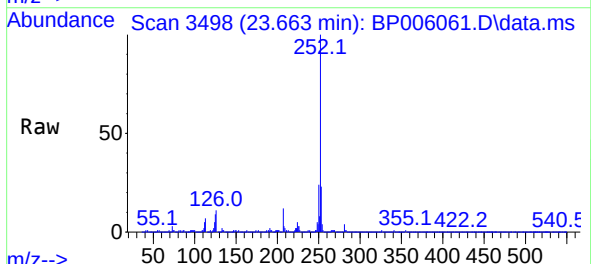
Tgt Ion:252 Resp: 418099
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 8.5 6.0 9.0

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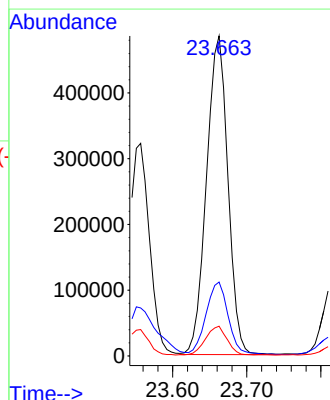
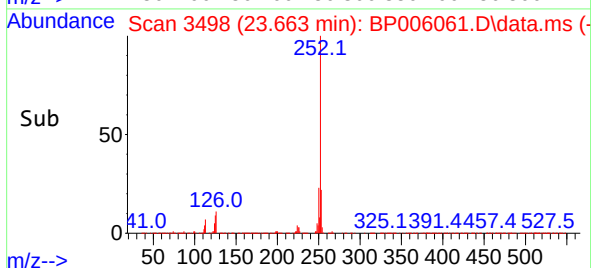
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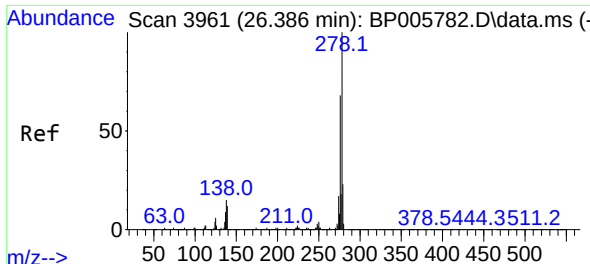


#90
Benzo(a)pyrene
Concen: 29.335 ng
RT: 23.663 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45



Tgt Ion:252 Resp: 973605
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 9.3 6.5 9.7





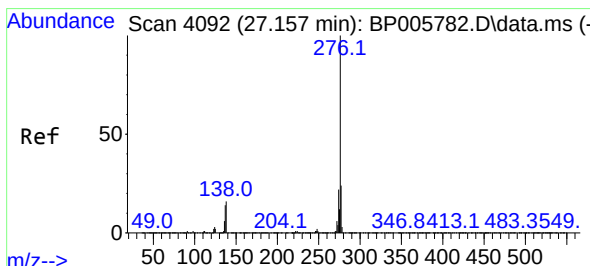
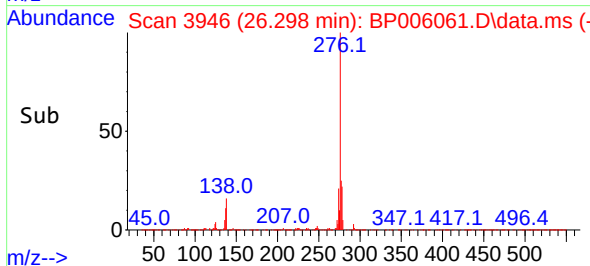
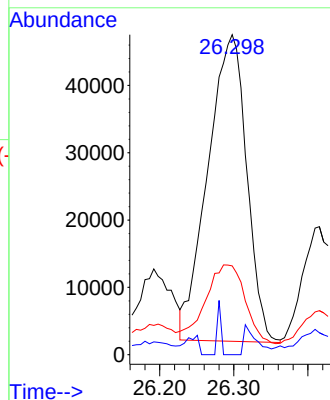
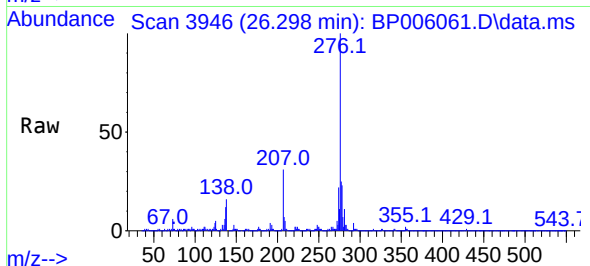
#91
Dibenzo(a,h)anthracene
Concen: 4.360 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.024 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

Tgt Ion:278 Resp: 165417
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 27.7 18.8 28.2

Instrument :
BNA_P
ClientSampled :
B1-0-2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 17.460 ng
RT: 27.074 min Scan# 4078
Delta R.T. -0.012 min
Lab File: BP006061.D
Acq: 24 Jun 2021 19:45

Tgt Ion:276 Resp: 654345
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 18.4 12.6 18.8

