

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
 Data File : BP006063.D
 Acq On : 24 Jun 2021 20:53
 Operator : CG/JU
 Sample : M2795-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B2-0-2

Manual Integrations
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Quant Time: Jun 25 01:11:58 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	7.910	152	73023	20.00	ng	-0.01
21) Naphthalene-d8	10.716	136	274690	20.00	ng	0.00
39) Acenaphthene-d10	14.540	164	170040	20.00	ng	-0.01
64) Phenanthrene-d10	17.286	188	365144	20.00	ng	0.00
76) Chrysene-d12	21.363	240	429900	20.00	ng	0.00
86) Perylene-d12	23.768	264	498845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	149628	32.88	ng	0.00
7) Phenol-d6	7.093	99	185563	31.46	ng	0.00
23) Nitrobenzene-d5	9.081	82	114453	20.43	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	94400	32.35	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	253604	19.58	ng	0.00
79) Terphenyl-d14	19.833	244	437610	19.06	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.263	152	37751	2.20	ng	# 92
52) Acenaphthene	14.604	154	34889	3.34	ng	99
58) Fluorene	15.587	166	34170	2.56	ng	# 97
71) Phenanthrene	17.333	178	904036	41.23	ng	100
72) Anthracene	17.422	178	192464	8.92	ng	99
73) Carbazole	17.692	167	62983	3.04	ng	98
75) Fluoranthene	19.292	202	1568649	58.90	ng	98
78) Pyrene	19.645	202	1575687	52.50	ng	99
81) Benzo(a)anthracene	21.345	228	870399	28.05	ng	99
83) Chrysene	21.398	228	799591	26.60	ng	98
87) Indeno(1,2,3-cd)pyrene	26.292	276	560202	13.13	ng	98
88) Benzo(b)fluoranthene	23.033	252	1012468m	29.63	ng	
89) Benzo(k)fluoranthene	23.074	252	360733m	10.89	ng	
90) Benzo(a)pyrene	23.663	252	835187	26.00	ng	98
91) Dibenzo(a,h)anthracene	26.298	278	150526	4.10	ng	# 89
92) Benzo(g,h,i)perylene	27.074	276	569031	15.69	ng	98

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

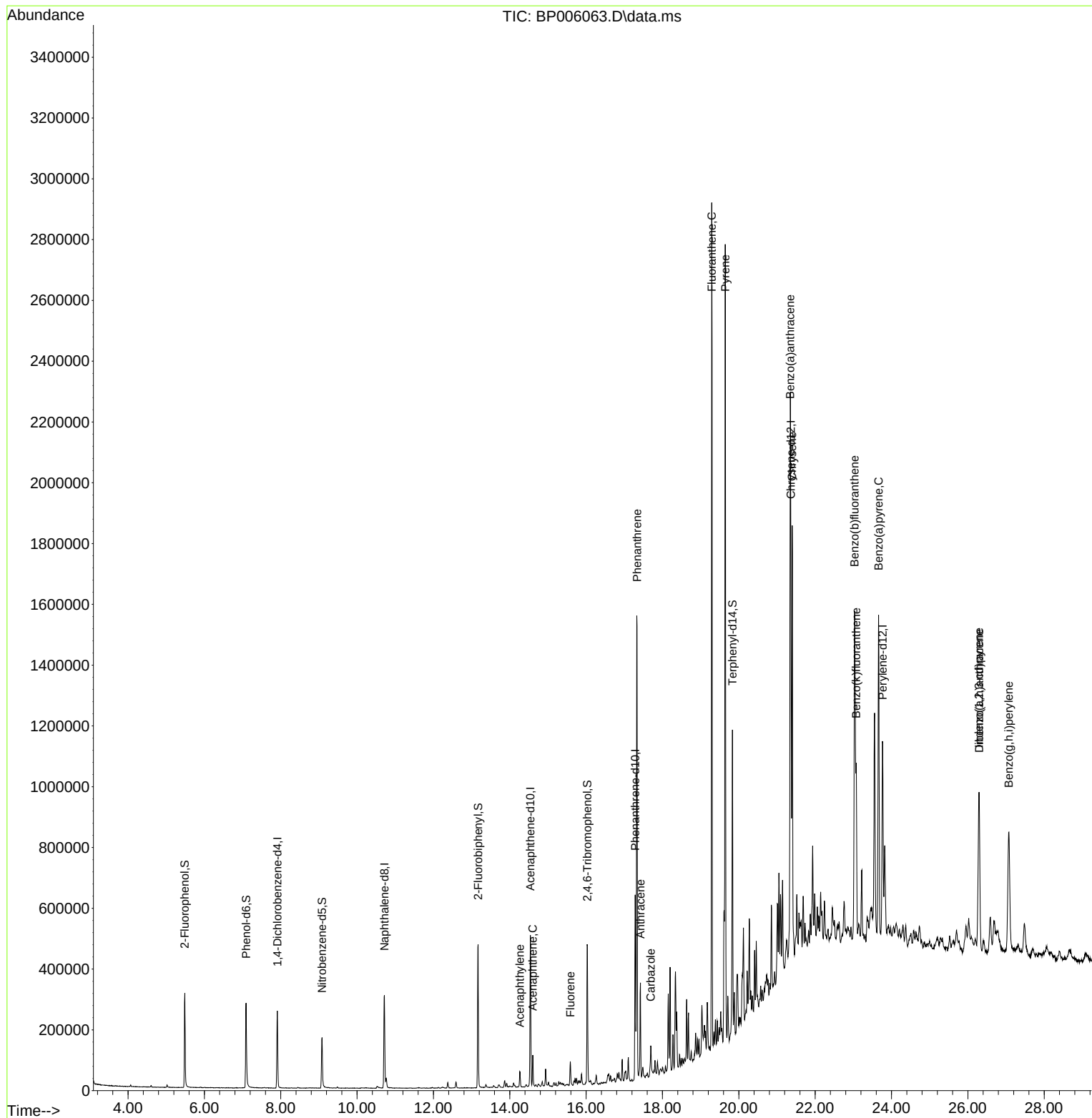
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006063.D
Acq On : 24 Jun 2021 20:53
Operator : CG/JU
Sample : M2795-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

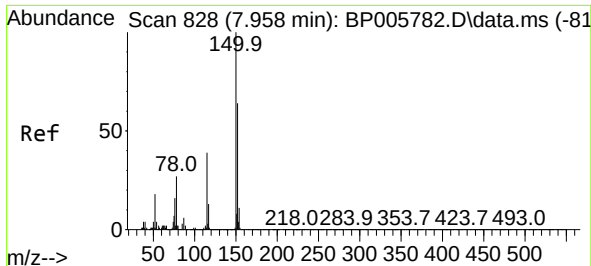
Instrument :
BNA_P
ClientSampled :
B2-0-2

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Quant Time: Jun 25 01:11:58 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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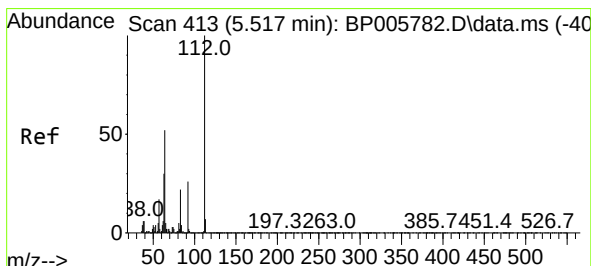
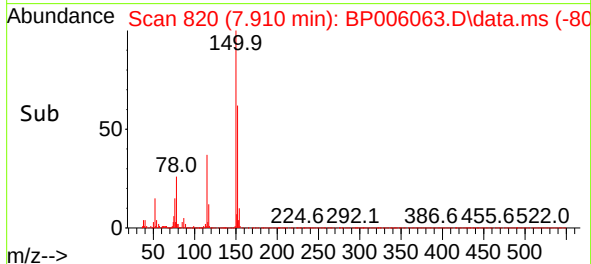
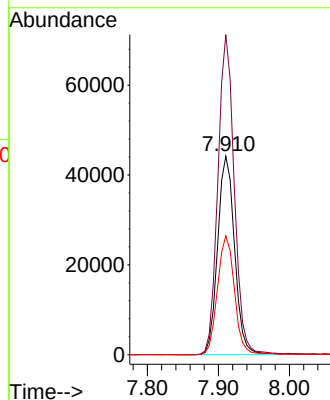
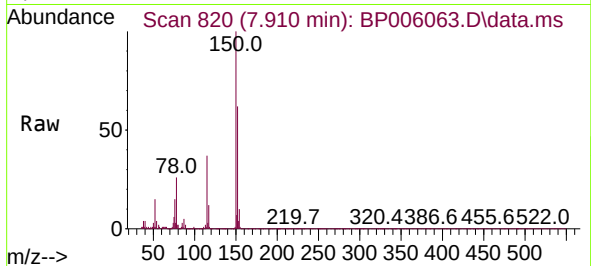
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

Tgt Ion:	152	Resp:	73023
Ion Ratio	Lower	Upper	
152	100		
150	161.2	125.6	188.4
115	59.9	48.5	72.7

Instrument :
BNA_P
ClientSampleId :
B2-0-2

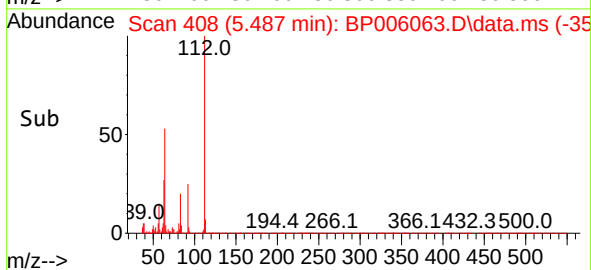
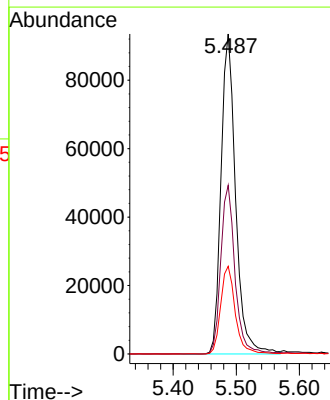
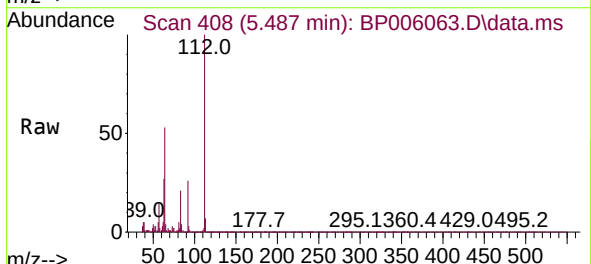
Manual Integrations
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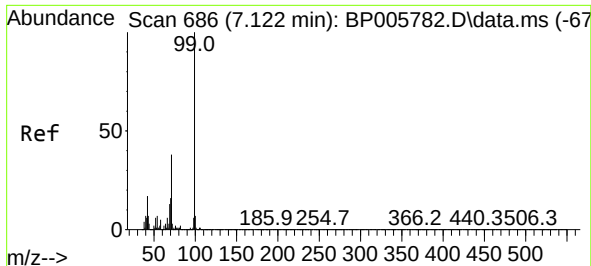
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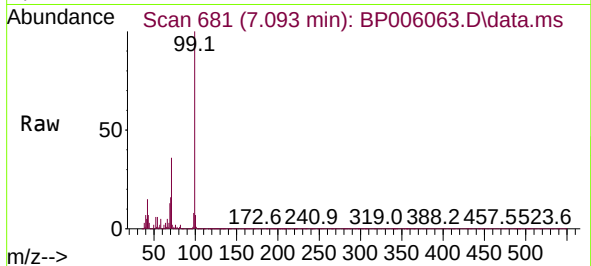
#5
2-Fluorophenol
Concen: 32.88 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

Tgt Ion:	112	Resp:	149628
Ion Ratio	Lower	Upper	
112	100		
64	52.7	41.4	62.2
63	27.4	23.8	35.8

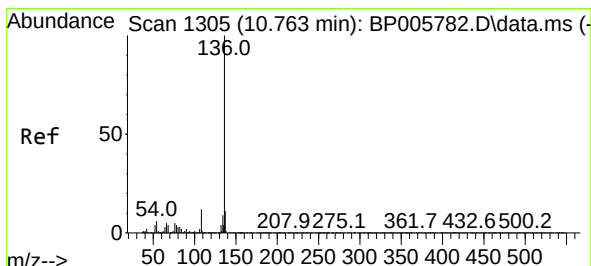
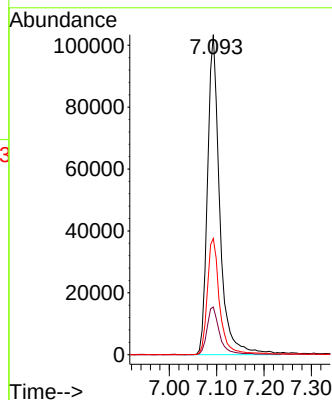
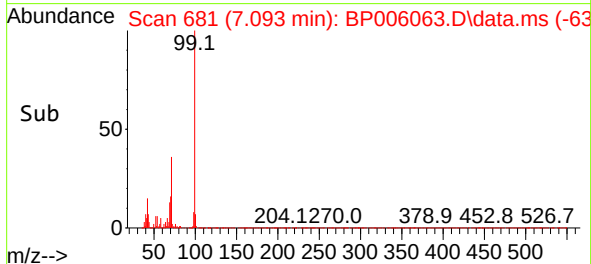




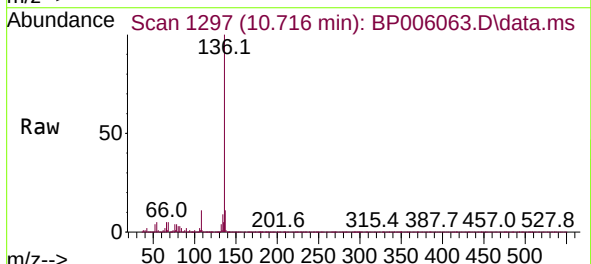
#7
Phenol-d6
Concen: 31.46 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53



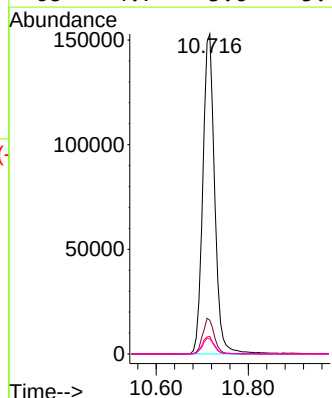
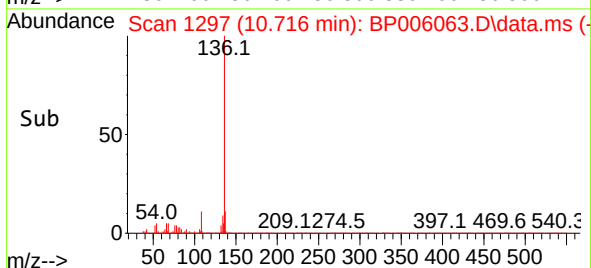
Tgt Ion: 99 Resp: 185563
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 36.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53



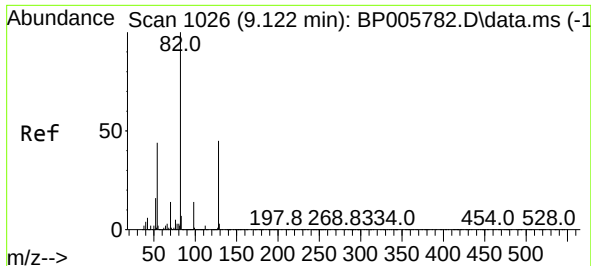
Tgt Ion: 136 Resp: 274690
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 5.5 4.6 6.8
68 4.7 3.6 5.4



Instrument :
BNA_P
ClientSampleId :
B2-0-2

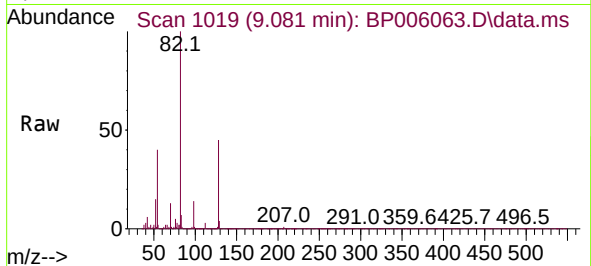
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#23
Nitrobenzene-d5
Concen: 20.43 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

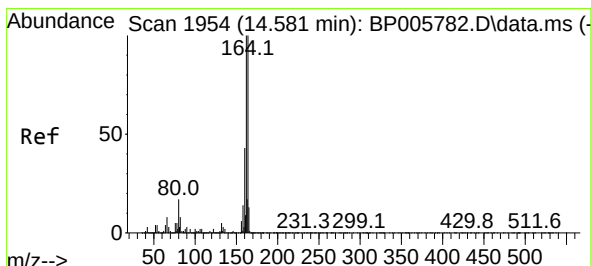
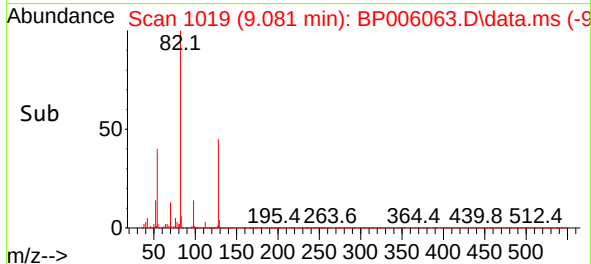
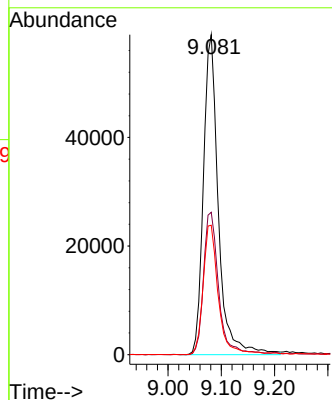
Instrument :
BNA_P
ClientSampled :
B2-0-2



Tgt Ion: 82 Resp: 114453
Ion Ratio Lower Upper
82 100
128 44.5 35.7 53.5
54 40.5 35.0 52.4

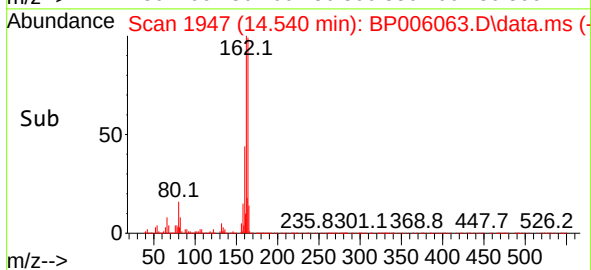
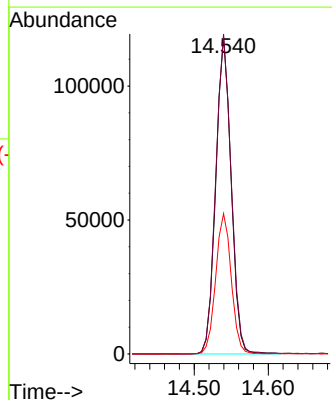
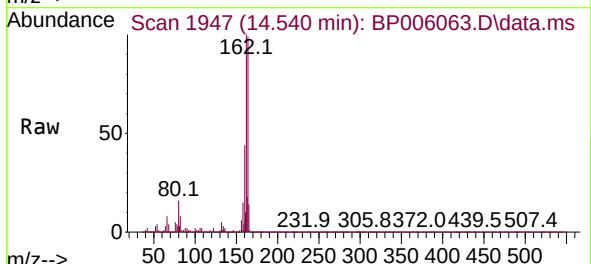
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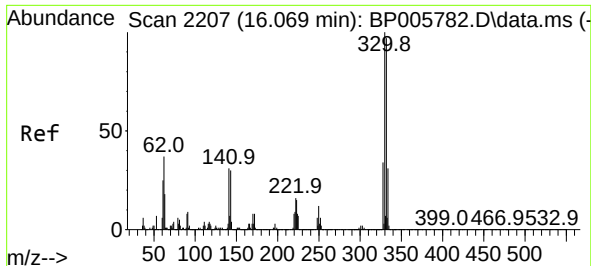
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

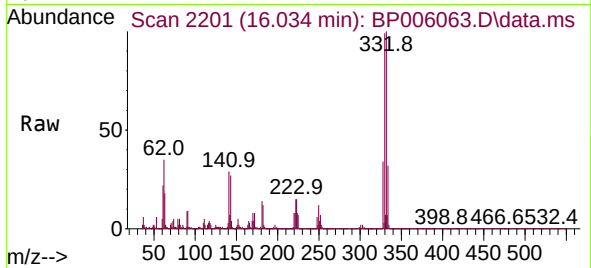
Tgt Ion: 164 Resp: 170040
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.3 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 32.35 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

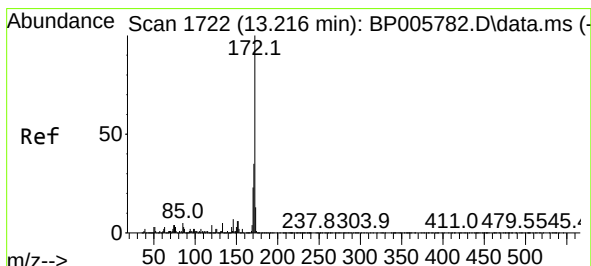
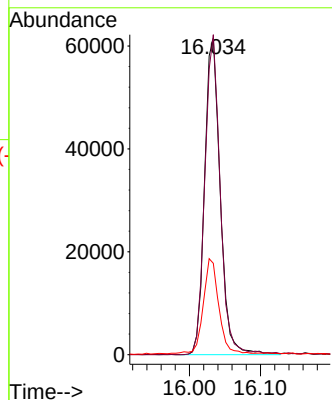
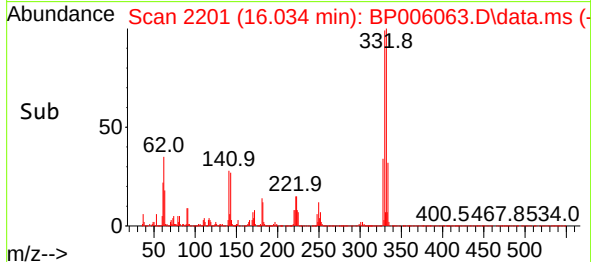
Instrument :
BNA_P
ClientSampled :
B2-0-2



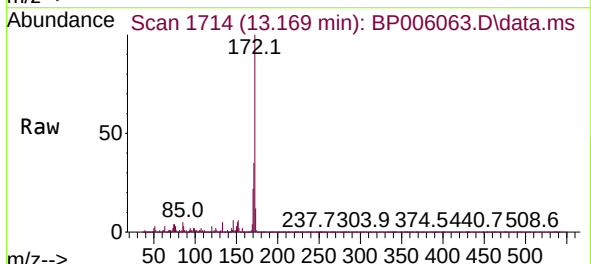
Tgt Ion:330 Resp: 94400
Ion Ratio Lower Upper
330 100
332 99.4 77.8 116.8
141 30.2 25.4 38.2

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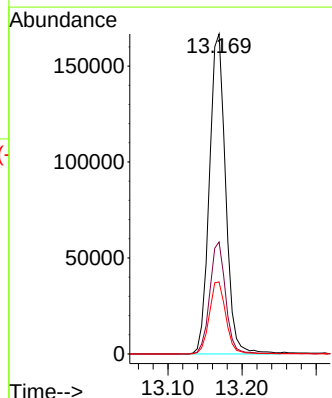
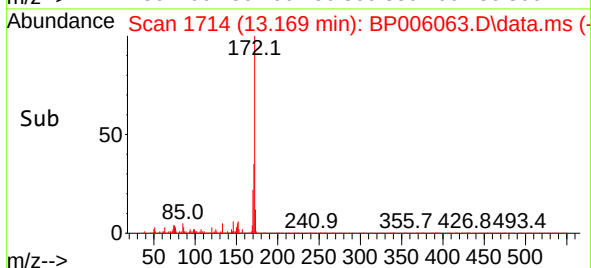
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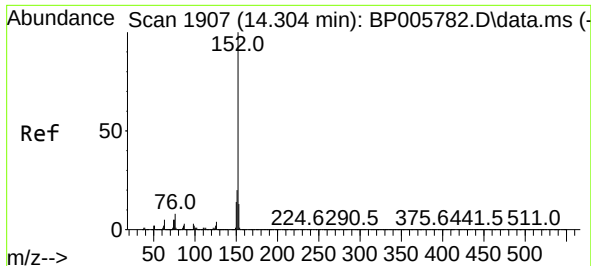


#45
2-Fluorobiphenyl
Concen: 19.58 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53



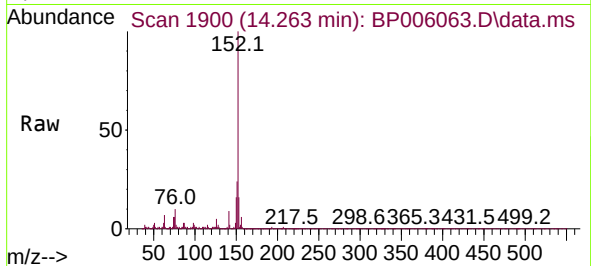
Tgt Ion:172 Resp: 253604
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 22.5 18.6 27.8





#49
Acenaphthylene
Concen: 2.20 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

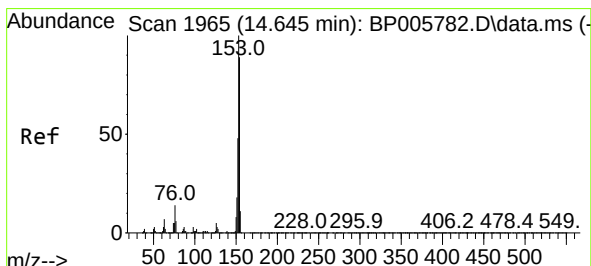
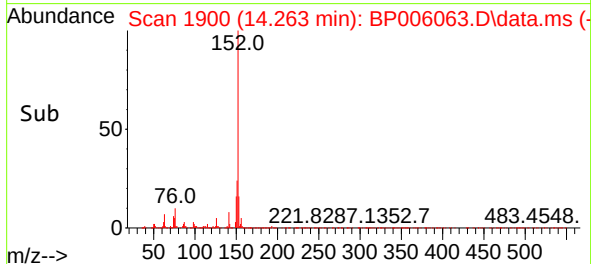
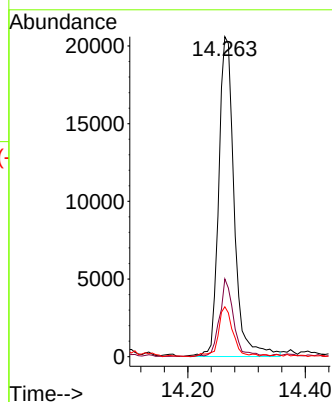
Instrument :
BNA_P
ClientSampled :
B2-0-2



Tgt Ion:152 Resp: 37751
Ion Ratio Lower Upper
152 100
151 24.3 16.2 24.2#
153 15.6 10.6 16.0

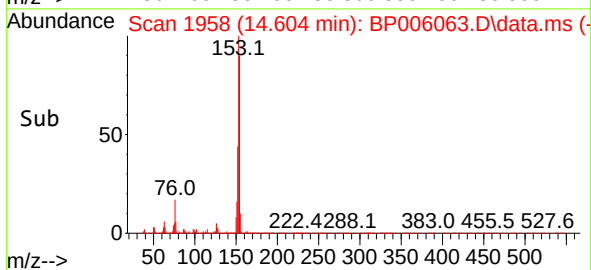
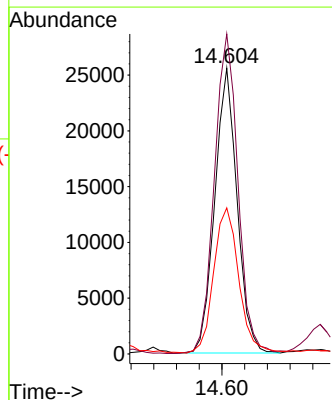
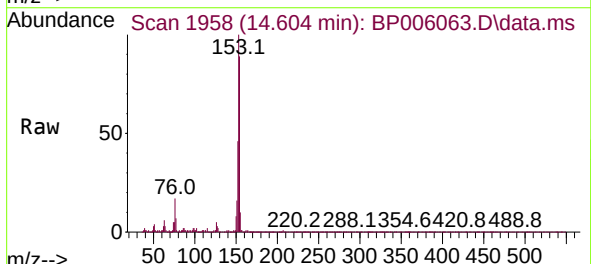
Manual Integrations
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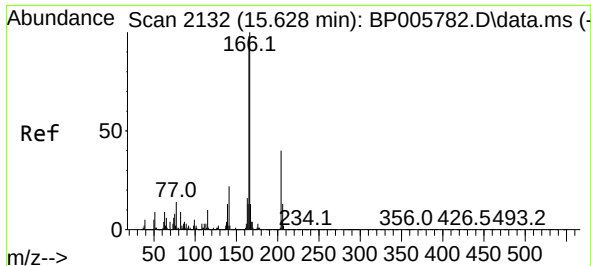
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#52
Acenaphthene
Concen: 3.34 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

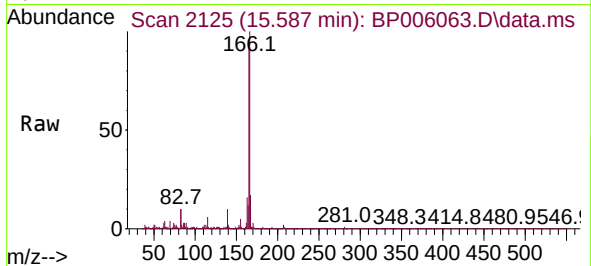
Tgt Ion:154 Resp: 34889
Ion Ratio Lower Upper
154 100
153 112.0 89.4 134.2
152 51.1 43.0 64.4





#58
Fluorene
Concen: 2.56 ng
RT: 15.587 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

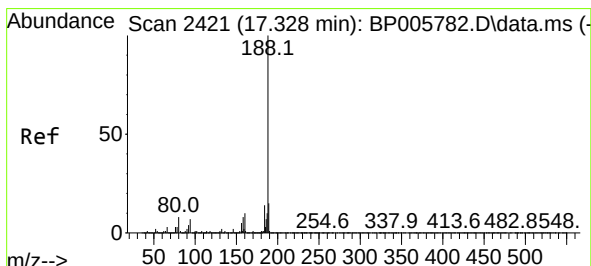
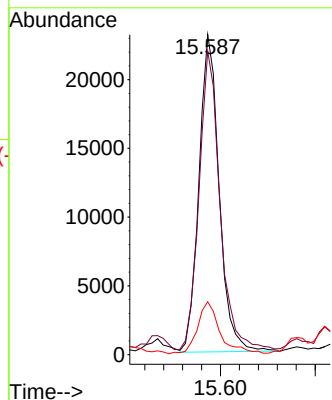
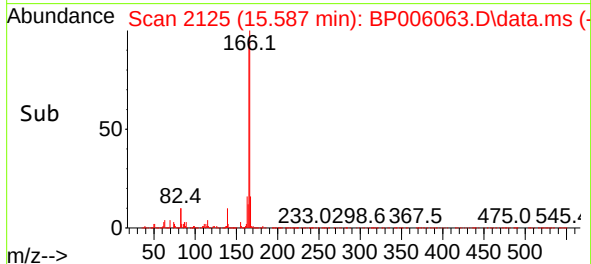
Instrument :
BNA_P
ClientSampled :
B2-0-2



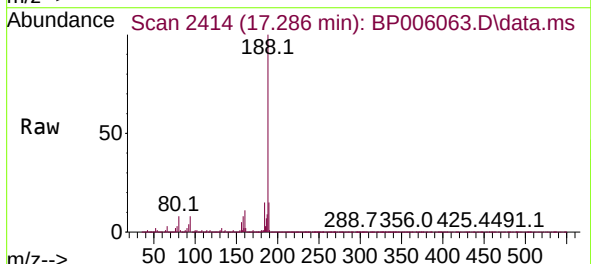
Tgt Ion:166 Resp: 34170
Ion Ratio Lower Upper
166 100
165 94.9 78.0 117.0
167 16.5 10.5 15.7#

Manual Integrations
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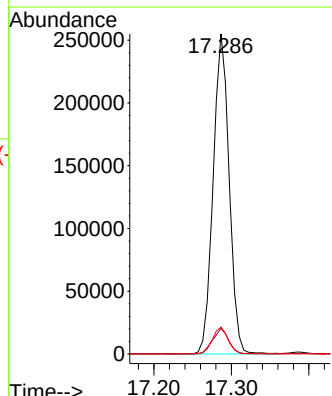
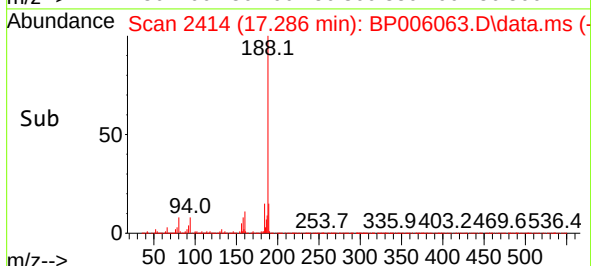
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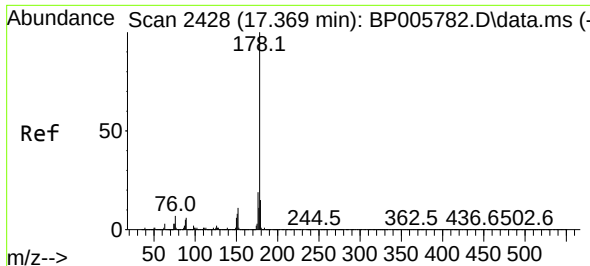


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53



Tgt Ion:188 Resp: 365144
Ion Ratio Lower Upper
188 100
94 8.0 5.6 8.4
80 8.4 6.3 9.5





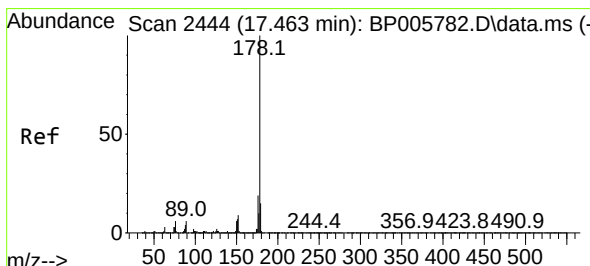
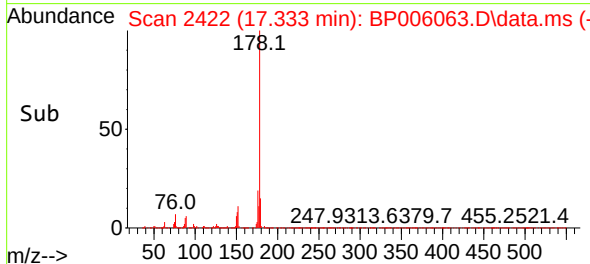
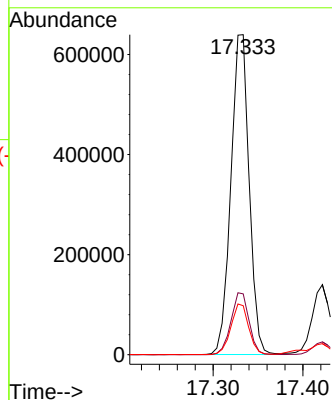
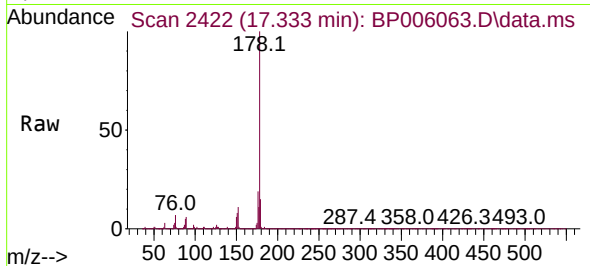
#71
Phenanthrene
Concen: 41.23 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.3	12.4	18.6

Instrument :
BNA_P
ClientSampled :
B2-0-2

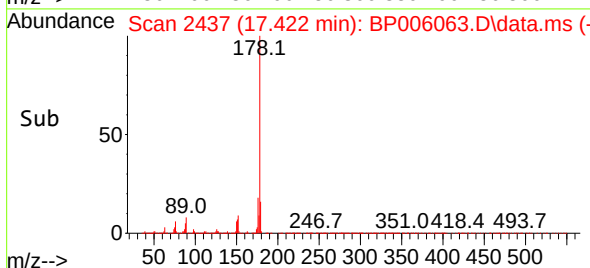
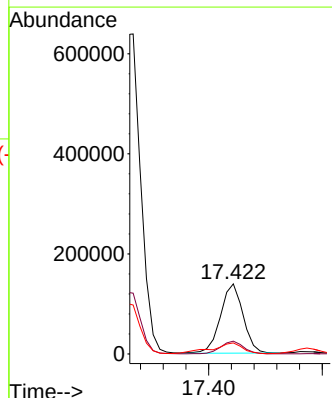
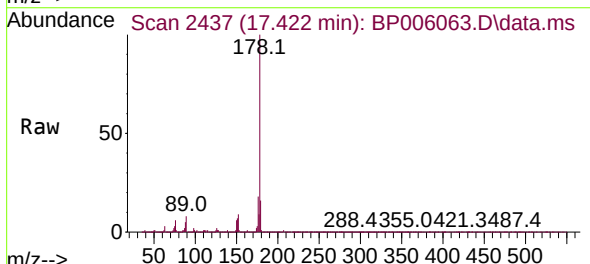
Manual Integrations
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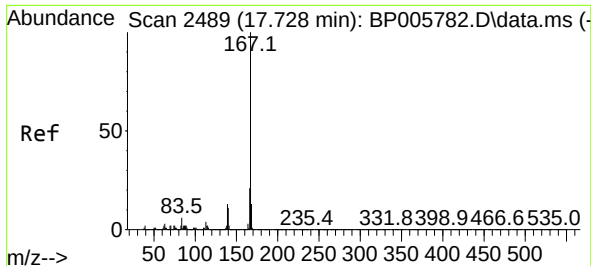
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#72
Anthracene
Concen: 8.92 ng
RT: 17.422 min Scan# 2437
Delta R.T. -0.012 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

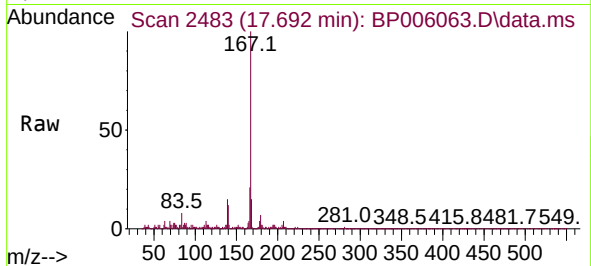
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.8	12.2	18.2





#73
 Carbazole
 Concen: 3.04 ng
 RT: 17.692 min Scan# 2483
 Delta R.T. -0.012 min
 Lab File: BP006063.D
 Acq: 24 Jun 2021 20:53

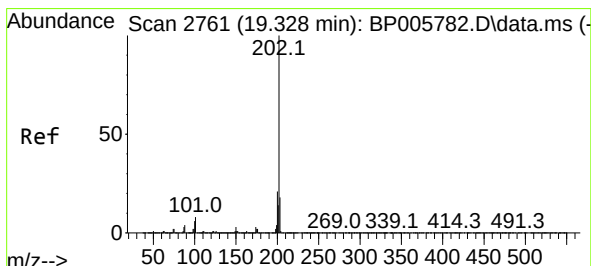
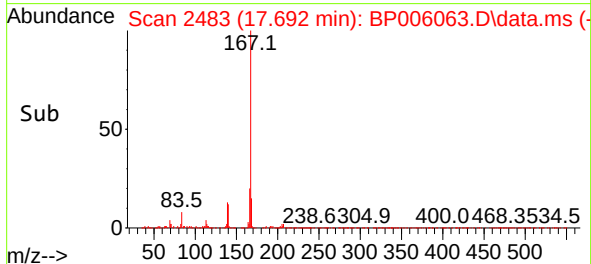
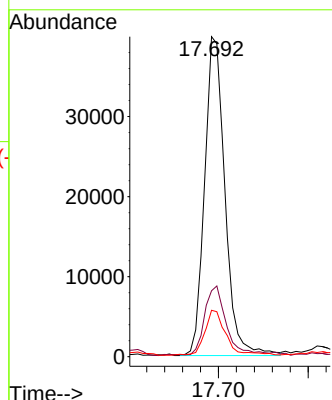
Instrument :
 BNA_P
 ClientSampleId :
 B2-0-2



Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.1	25.7
139	14.5	10.7	16.1

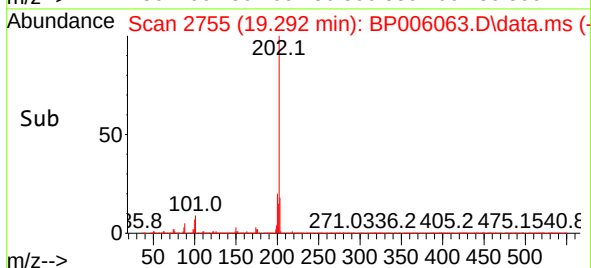
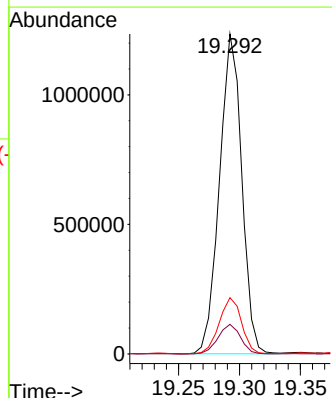
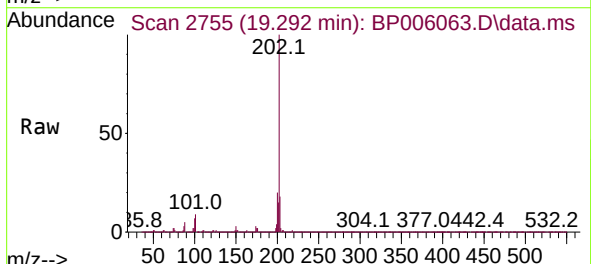
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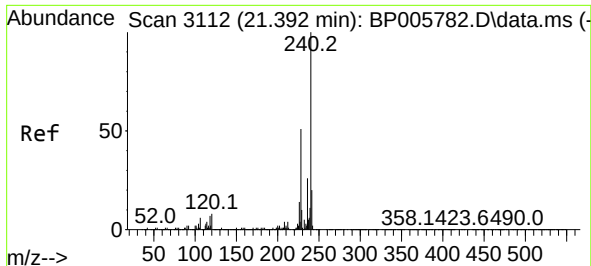
mohammad
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#75
 Fluoranthene
 Concen: 58.90 ng
 RT: 19.292 min Scan# 2755
 Delta R.T. -0.006 min
 Lab File: BP006063.D
 Acq: 24 Jun 2021 20:53

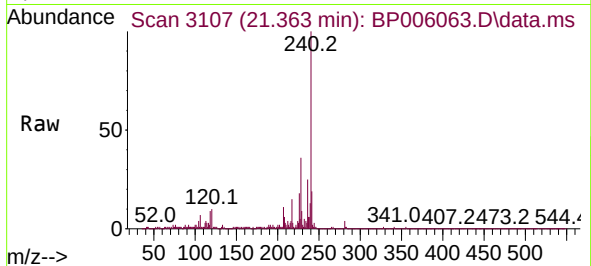
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	27.6
203	17.6	0.0	37.8





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

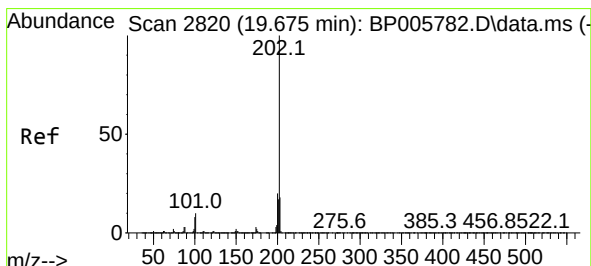
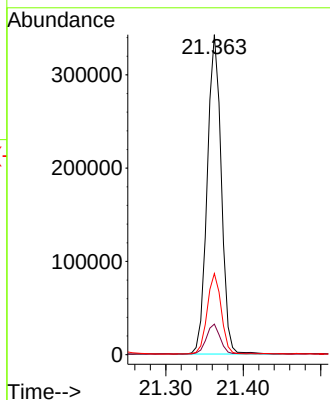
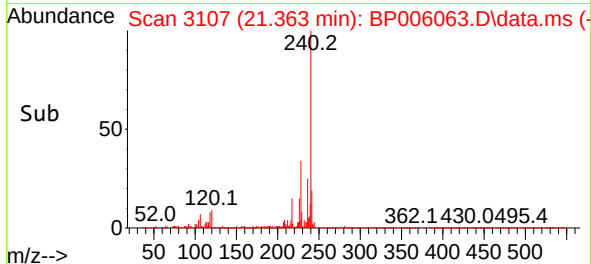
Instrument :
BNA_P
ClientSampled :
B2-0-2



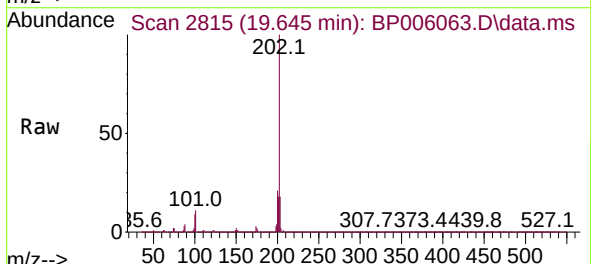
Tgt Ion:240 Resp: 429900
Ion Ratio Lower Upper
240 100
120 9.6 6.5 9.7
236 25.3 20.6 31.0

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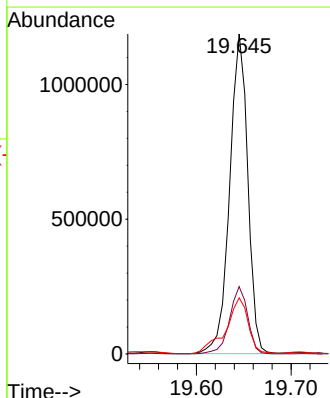
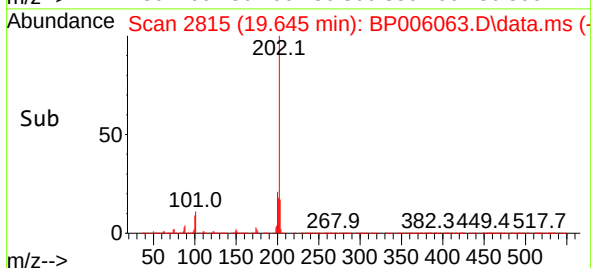
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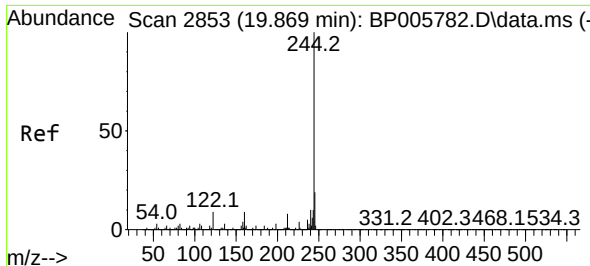


#78
Pyrene
Concen: 52.50 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53



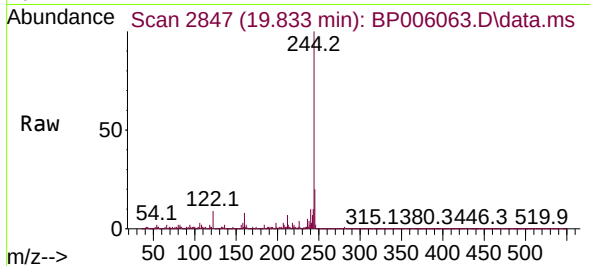
Tgt Ion:202 Resp: 1575687
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.6 14.2 21.2





#79
 Terphenyl-d14
 Concen: 19.06 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. -0.012 min
 Lab File: BP006063.D
 Acq: 24 Jun 2021 20:53

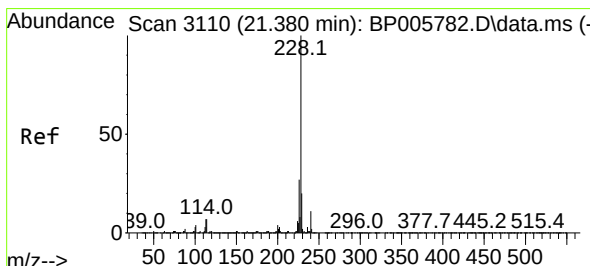
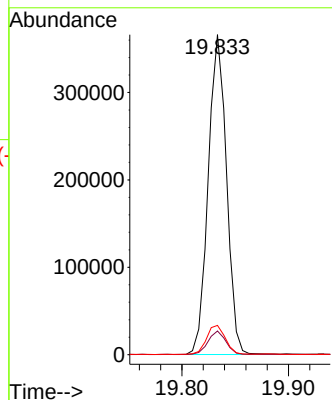
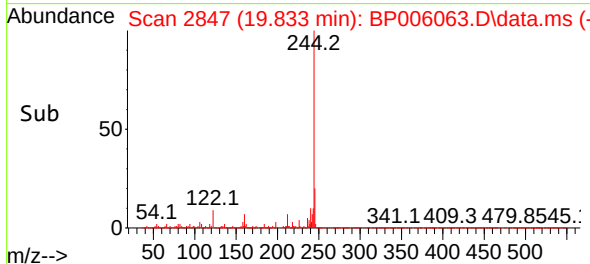
Instrument :
 BNA_P
 ClientSampled :
 B2-0-2



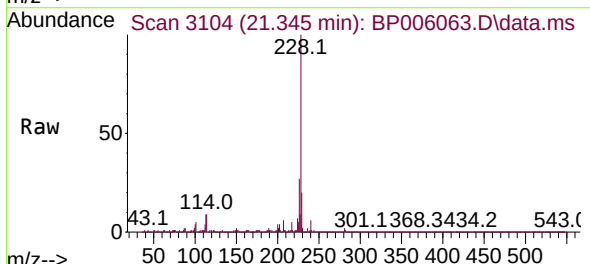
Tgt Ion:244 Resp: 437610
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.2 7.1 10.7

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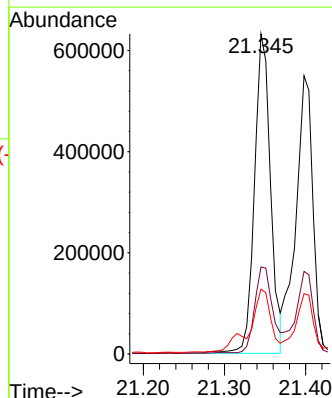
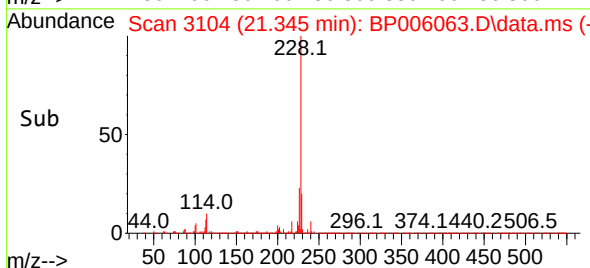
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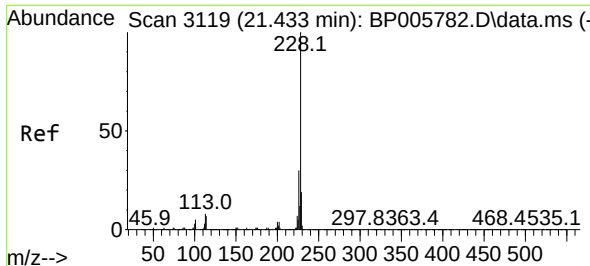


#81
 Benzo(a)anthracene
 Concen: 28.05 ng
 RT: 21.345 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BP006063.D
 Acq: 24 Jun 2021 20:53



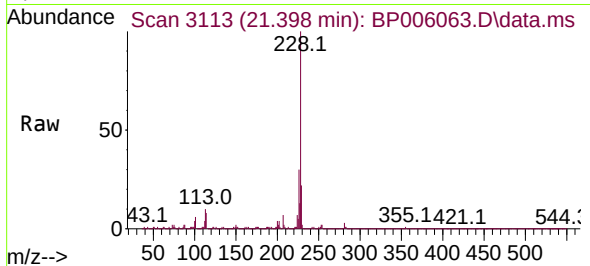
Tgt Ion:228 Resp: 870399
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.6 32.4
 229 20.3 15.8 23.6





#83
Chrysene
Concen: 26.60 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

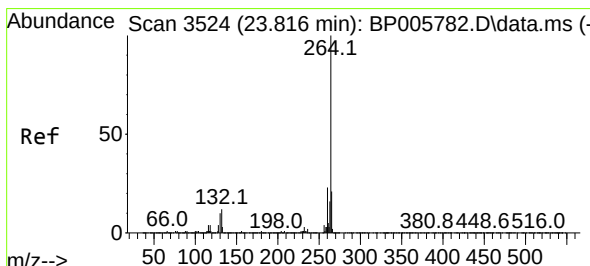
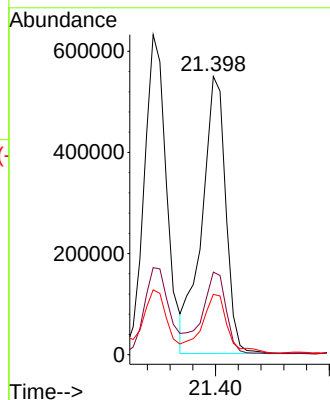
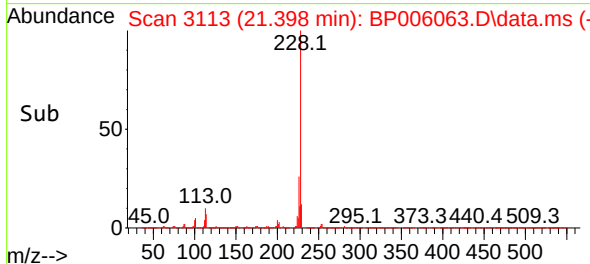
Instrument :
BNA_P
ClientSampled :
B2-0-2



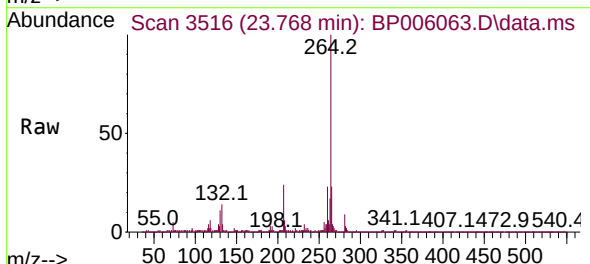
Tgt Ion:228 Resp: 799591
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 21.7 15.4 23.2

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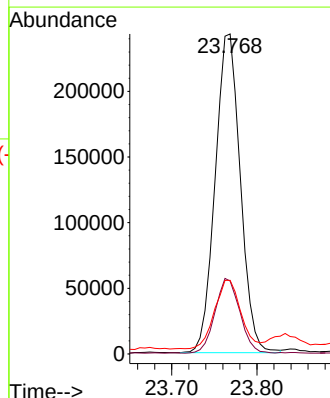
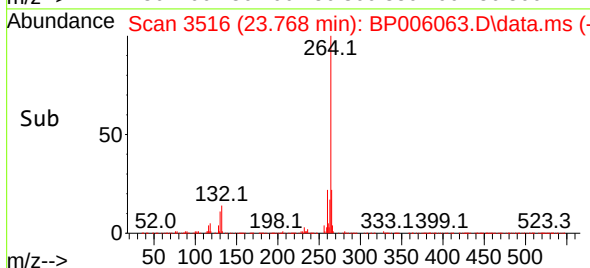
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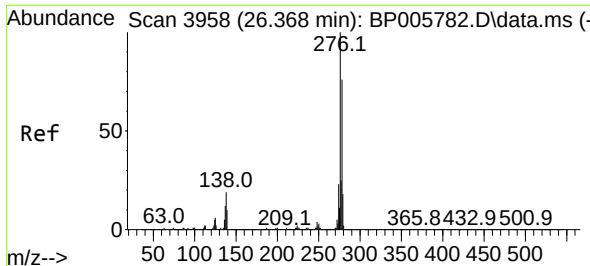


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53



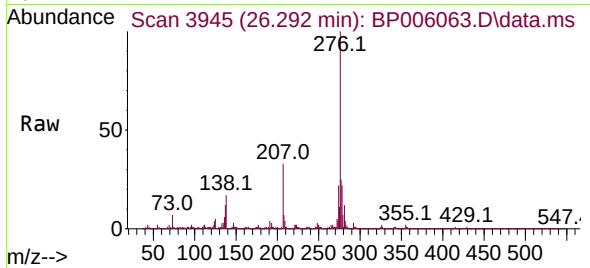
Tgt Ion:264 Resp: 498845
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 23.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 13.13 ng
RT: 26.292 min Scan# 3945
Delta R.T. -0.018 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

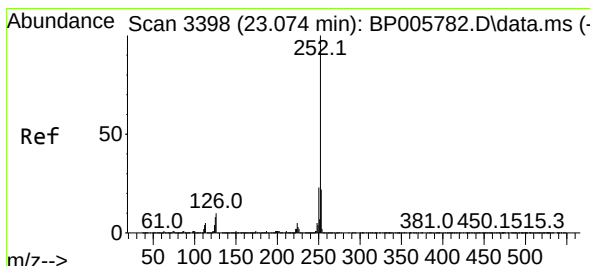
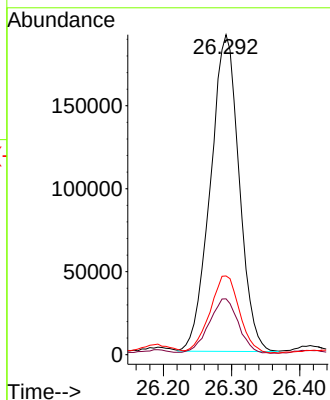
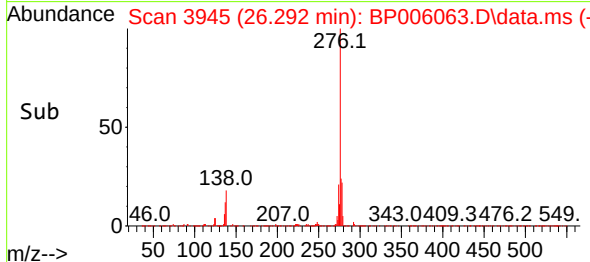
Instrument :
BNA_P
ClientSampled :
B2-0-2



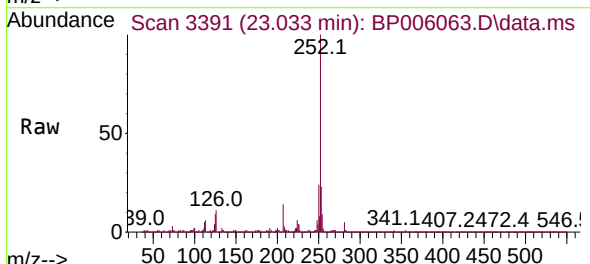
Tgt Ion: 276 Resp: 560202
Ion Ratio Lower Upper
276 100
138 17.5 15.3 22.9
277 25.3 20.4 30.6

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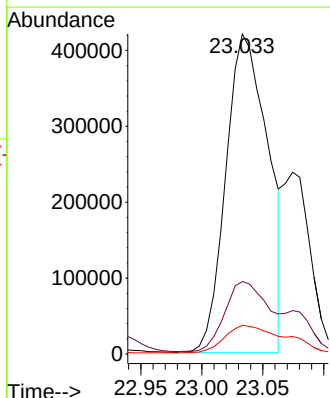
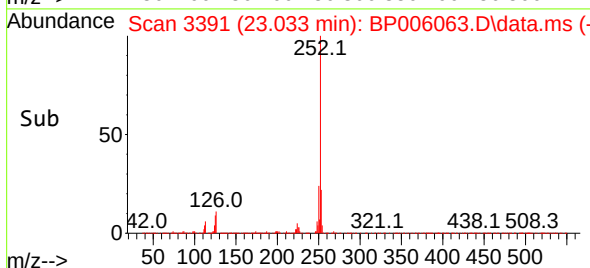
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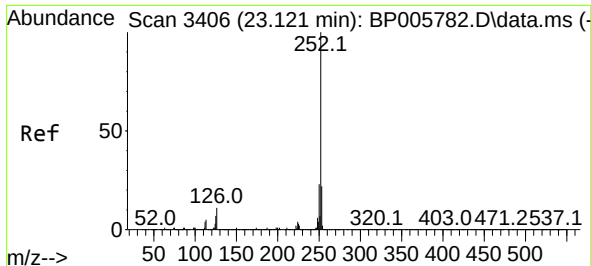


#88
Benzo(b)fluoranthene
Concen: 29.63 ng m
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53



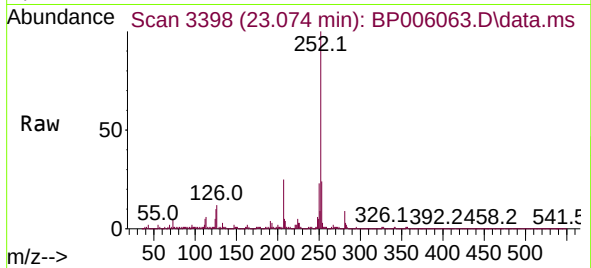
Tgt Ion: 252 Resp: 1012468
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 8.9 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 10.89 ng m
RT: 23.074 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

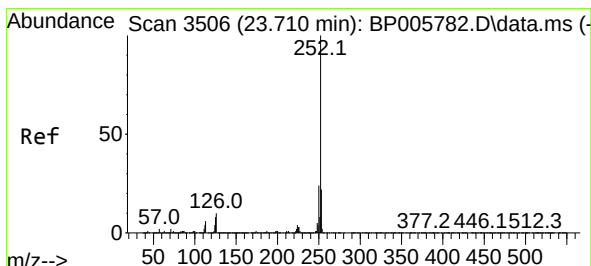
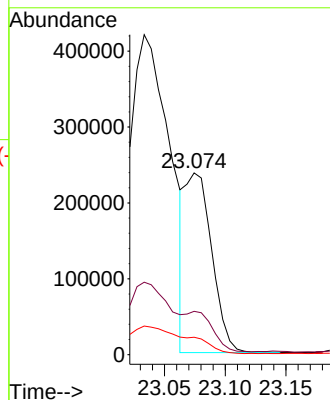
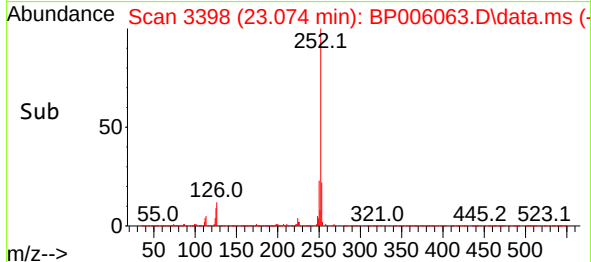
Instrument :
BNA_P
ClientSampled :
B2-0-2



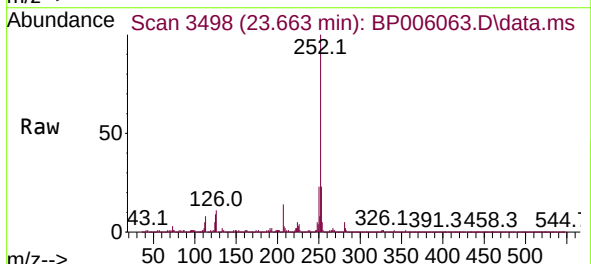
Tgt Ion:252 Resp: 360733
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 9.6 6.0 9.0#

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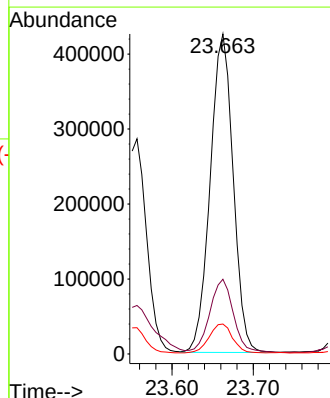
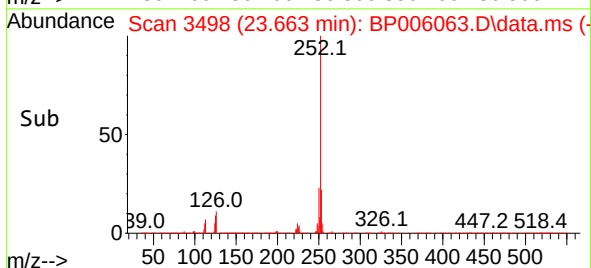
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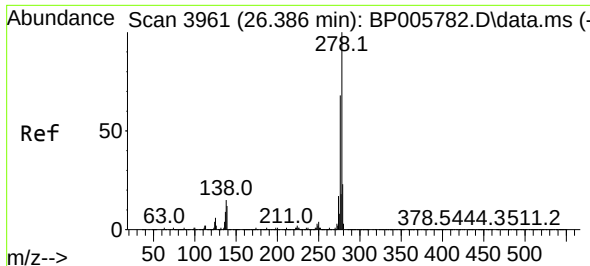


#90
Benzo(a)pyrene
Concen: 26.00 ng
RT: 23.663 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53



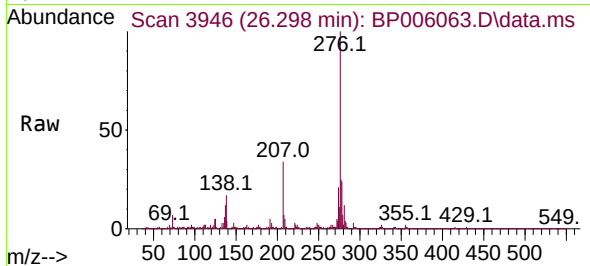
Tgt Ion:252 Resp: 835187
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 9.4 6.5 9.7





#91
Dibenzo(a,h)anthracene
Concen: 4.10 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.024 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53

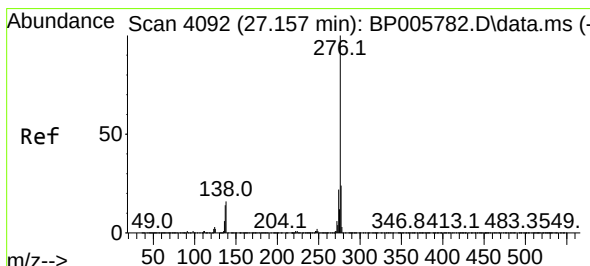
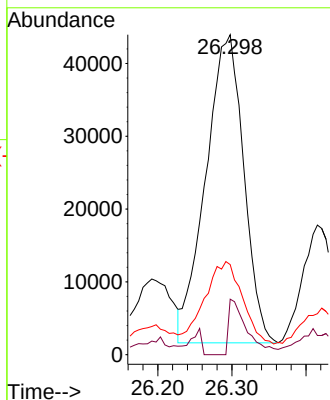
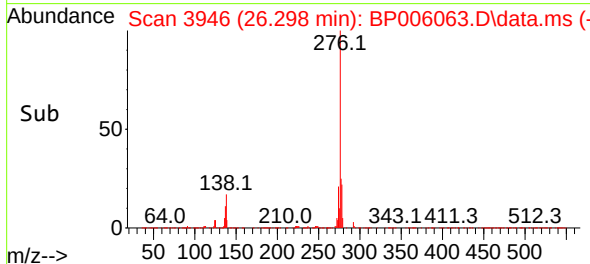
Instrument :
BNA_P
ClientSampled :
B2-0-2



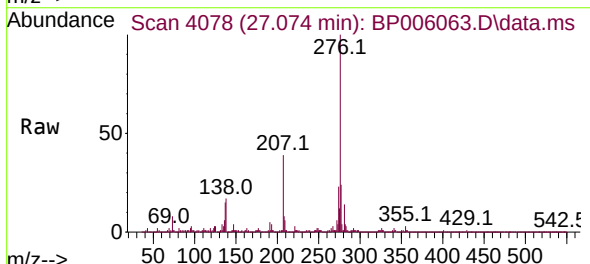
Tgt Ion:278 Resp: 150526
Ion Ratio Lower Upper
278 100
139 17.4 9.3 13.9#
279 28.2 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 15.69 ng
RT: 27.074 min Scan# 4078
Delta R.T. -0.012 min
Lab File: BP006063.D
Acq: 24 Jun 2021 20:53



Tgt Ion:276 Resp: 569031
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 17.1 12.6 18.8

