

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
 Data File : BP006059.D
 Acq On : 24 Jun 2021 18:37
 Operator : CG/JU
 Sample : M2795-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B1-6-8

Manual Integrations
 APPROVED

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Quant Time: Jun 25 01:10:55 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	70588	20.00	ng	-0.01
21) Naphthalene-d8	10.716	136	267490	20.00	ng	0.00
39) Acenaphthene-d10	14.539	164	164142	20.00	ng	-0.01
64) Phenanthrene-d10	17.286	188	352269	20.00	ng	0.00
76) Chrysene-d12	21.363	240	415883	20.00	ng	0.00
86) Perylene-d12	23.763	264	477140	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	235671	53.57	ng	0.00
7) Phenol-d6	7.093	99	288324	50.57	ng	0.00
23) Nitrobenzene-d5	9.081	82	177648	32.56	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	140744	49.97	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	382023	30.56	ng	0.00
79) Terphenyl-d14	19.833	244	637140	28.69	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.328	178	170630	8.07	ng	100
75) Fluoranthene	19.292	202	770364	29.99	ng	98
78) Pyrene	19.639	202	751068	25.87	ng	100
81) Benzo(a)anthracene	21.345	228	519623	17.31	ng	97
83) Chrysene	21.398	228	433510	14.91	ng	97
87) Indeno(1,2,3-cd)pyrene	26.286	276	327739	8.03	ng	99
88) Benzo(b)fluoranthene	23.033	252	657137m	20.11	ng	
89) Benzo(k)fluoranthene	23.074	252	212228m	6.70	ng	
90) Benzo(a)pyrene	23.657	252	529239	17.23	ng	98
91) Dibenzo(a,h)anthracene	26.292	278	90255	2.57	ng	# 80
92) Benzo(g,h,i)perylene	27.062	276	303948	8.76	ng	98

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

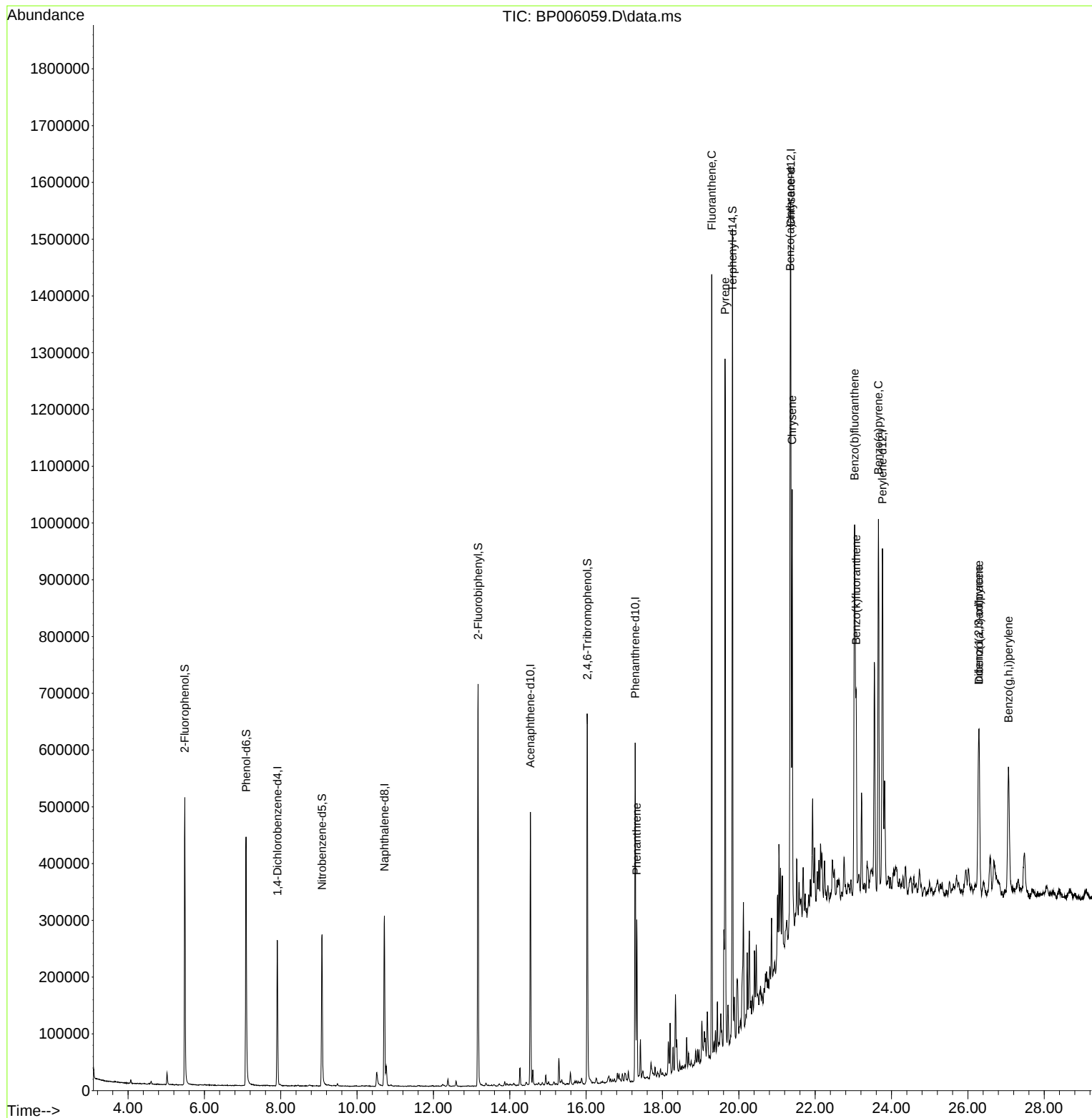
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Data File : BP006059.D
Acq On : 24 Jun 2021 18:37
Operator : CG/JU
Sample : M2795-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

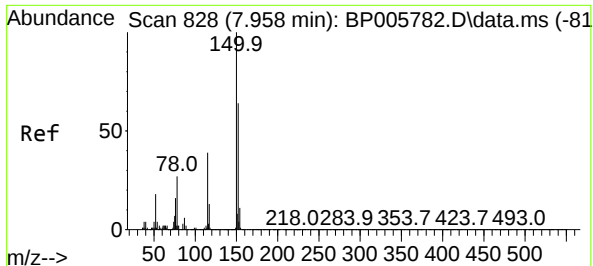
Instrument :
BNA_P
ClientSampleId :
B1-6-8

Manual Integrations
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Quant Time: Jun 25 01:10:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
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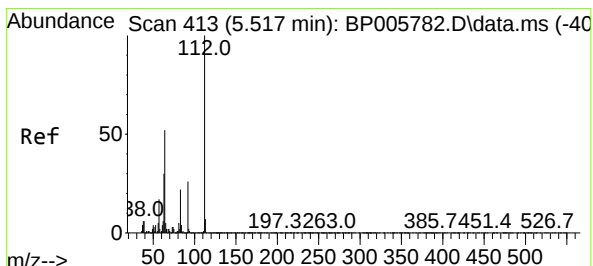
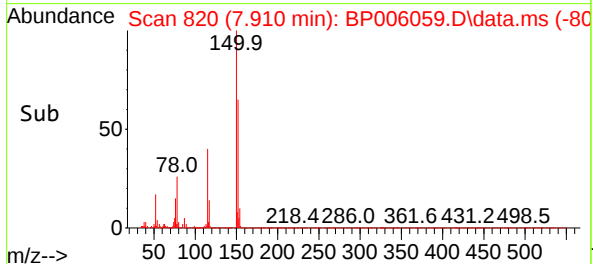
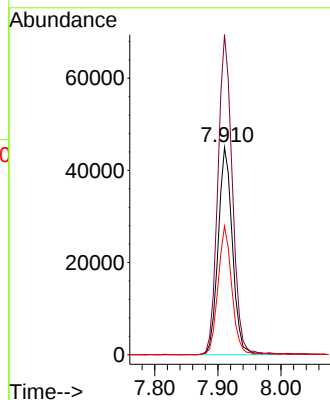
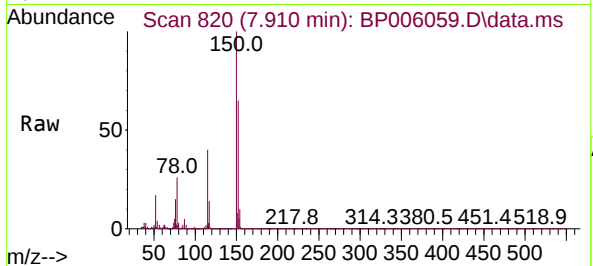
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:152 Resp: 70588
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 62.1 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
B1-6-8

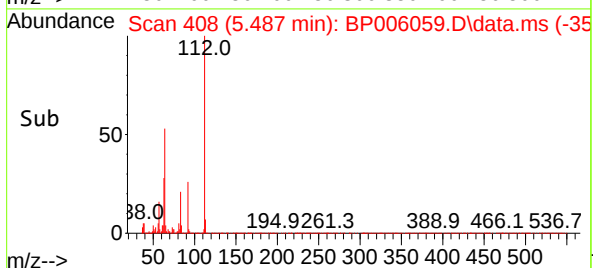
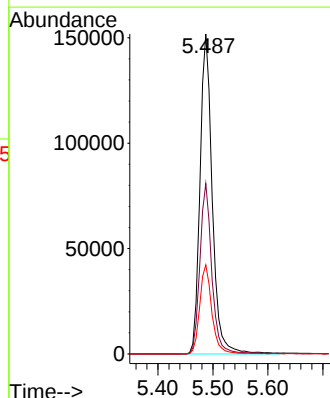
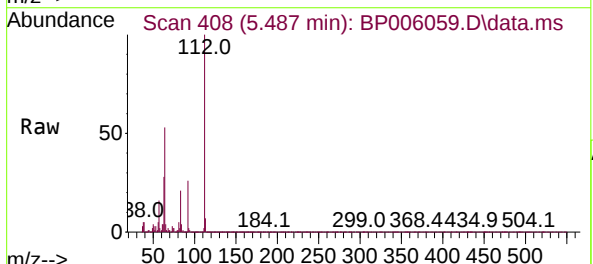
Manual Integrations
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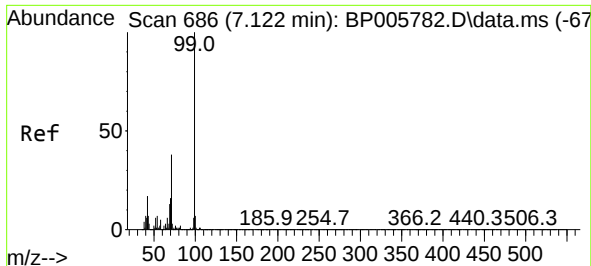
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#5
2-Fluorophenol
Concen: 53.57 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:112 Resp: 235671
Ion Ratio Lower Upper
112 100
64 53.3 41.4 62.2
63 27.9 23.8 35.8





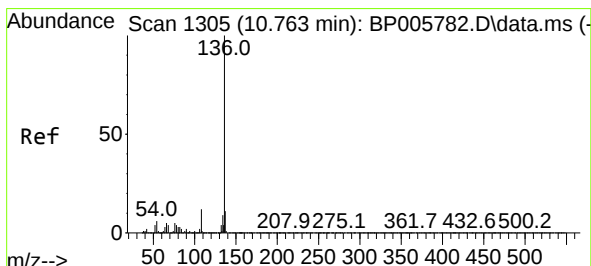
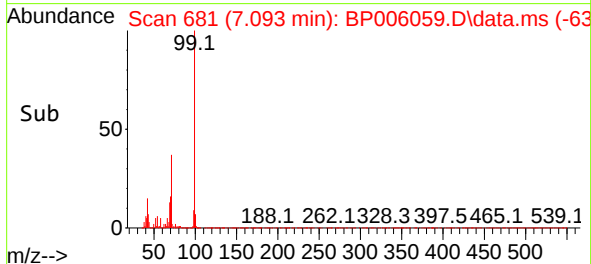
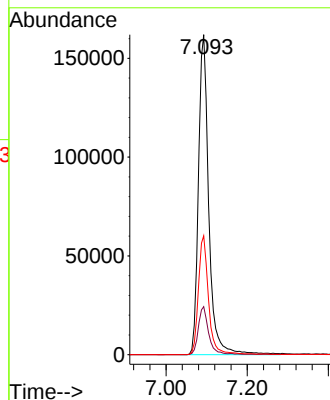
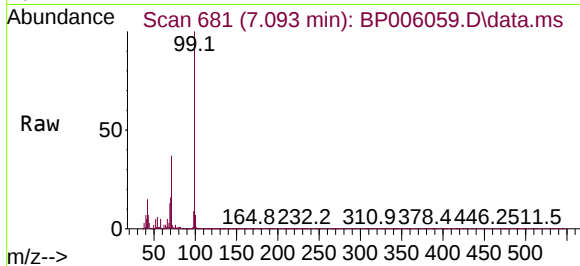
#7
Phenol-d6
Concen: 50.57 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion: 99 Resp: 288324
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 37.2 30.6 46.0

Instrument :
BNA_P
ClientSampleId :
B1-6-8

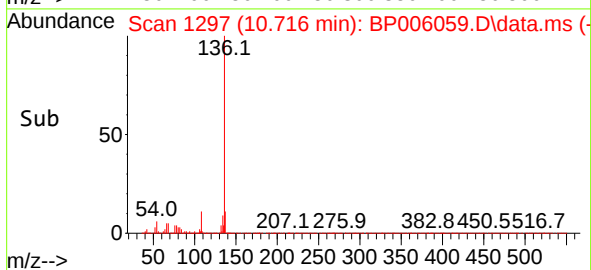
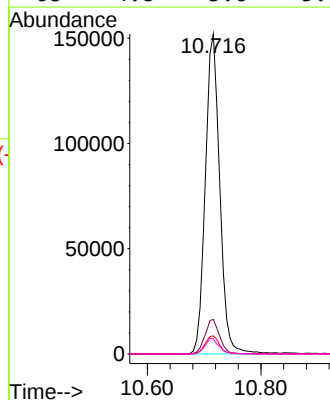
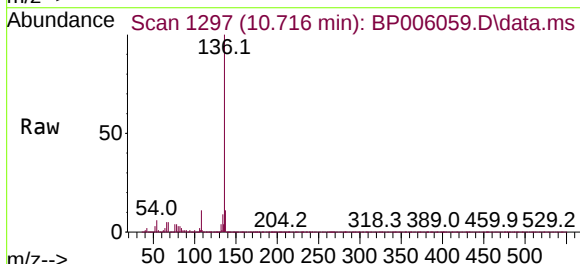
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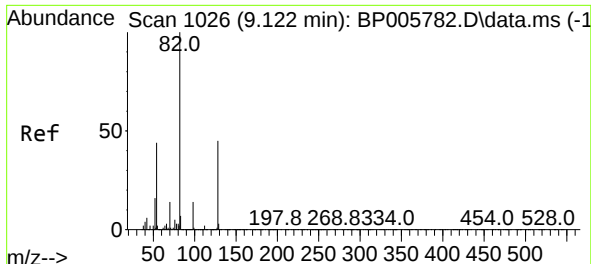
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

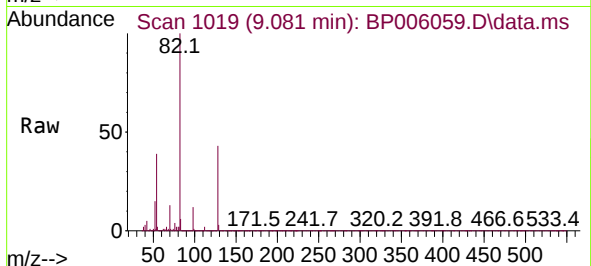
Tgt Ion:136 Resp: 267490
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 5.6 4.6 6.8
68 4.8 3.6 5.4





#23
Nitrobenzene-d5
Concen: 32.56 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

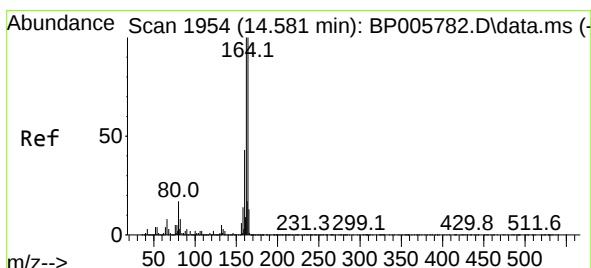
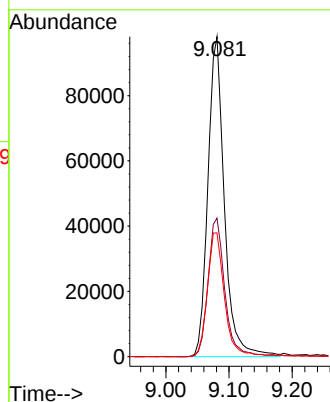
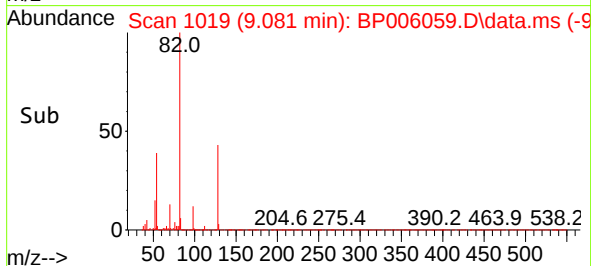
Instrument :
BNA_P
ClientSampled :
B1-6-8



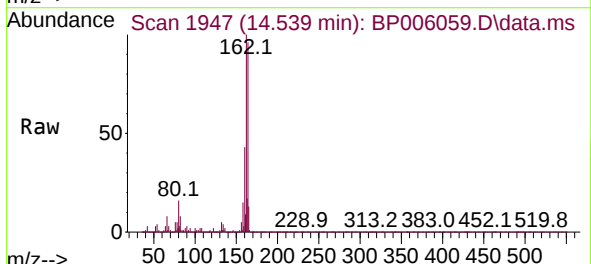
Tgt Ion: 82 Resp: 177648
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 38.7 35.0 52.4

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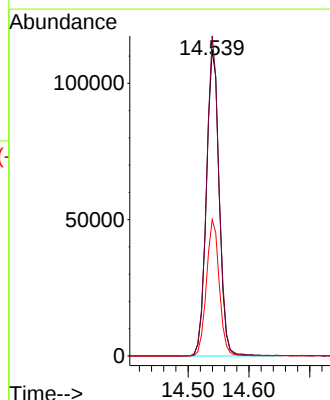
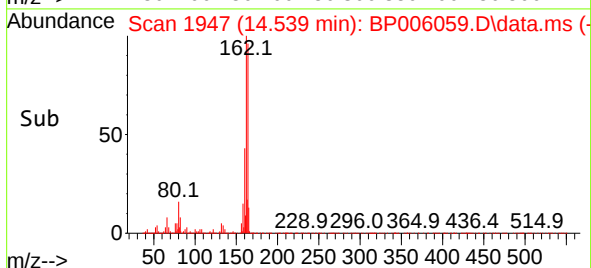
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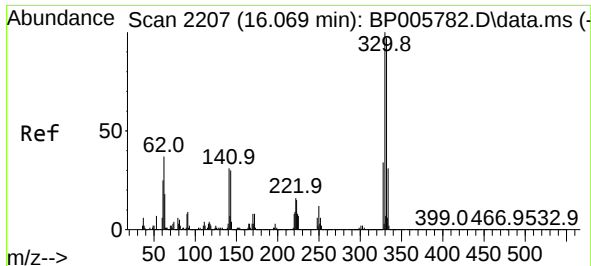


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37



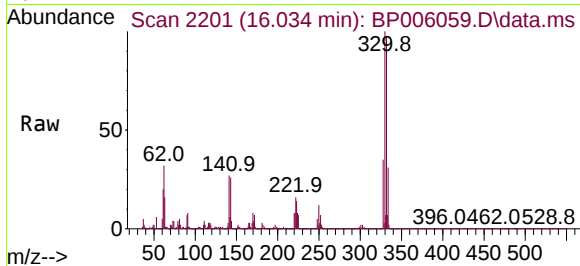
Tgt Ion: 164 Resp: 164142
Ion Ratio Lower Upper
164 100
162 104.5 80.2 120.2
160 44.5 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 49.97 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

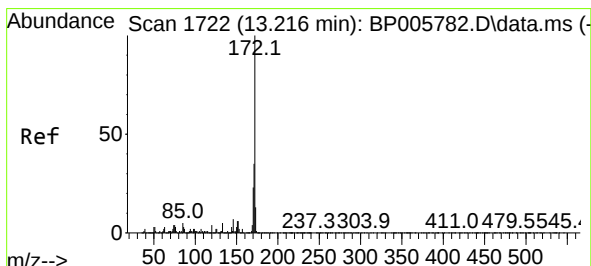
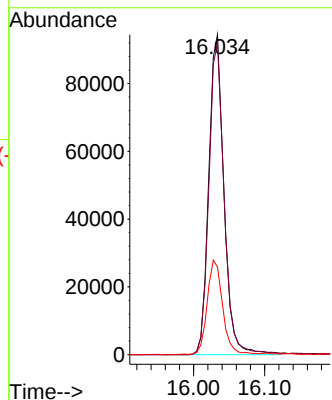
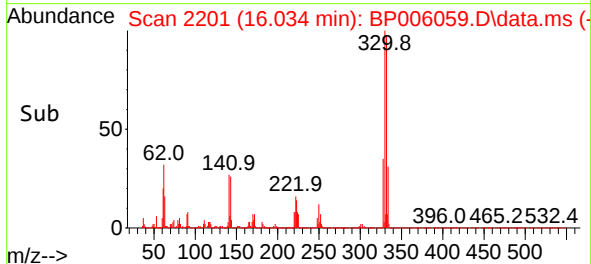
Instrument :
BNA_P
ClientSampled :
B1-6-8



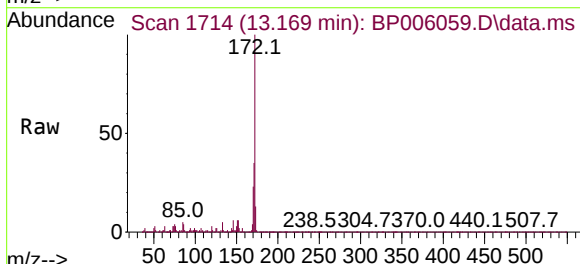
Tgt Ion:330 Resp: 140744
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.8
141 30.2 25.4 38.2

Manual Integrations
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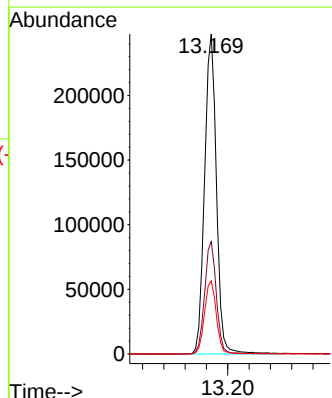
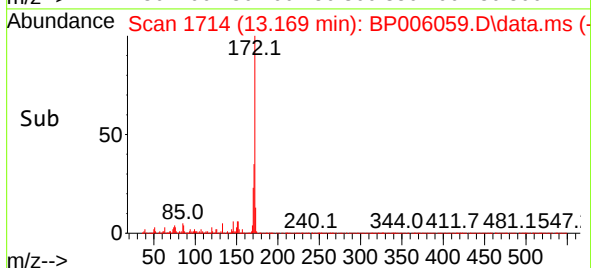
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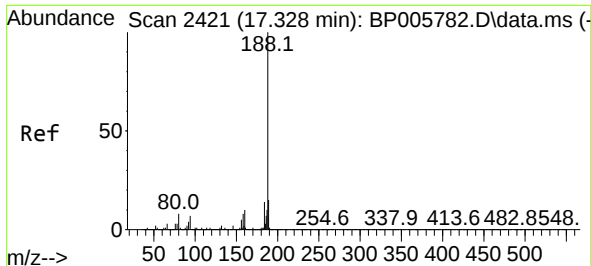


#45
2-Fluorobiphenyl
Concen: 30.56 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37



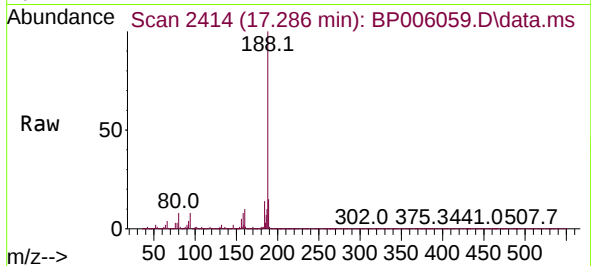
Tgt Ion:172 Resp: 382023
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.9 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

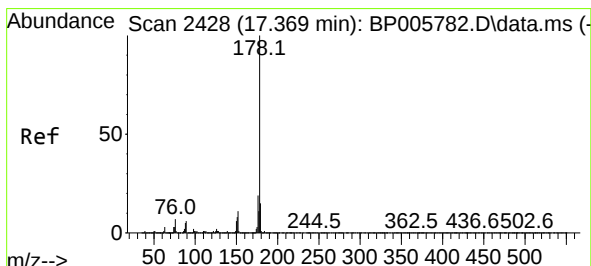
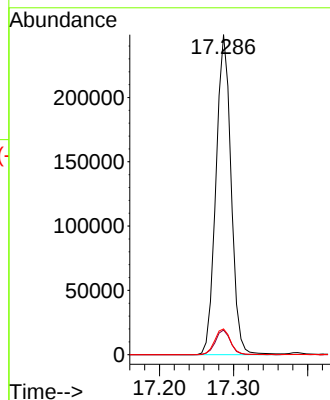
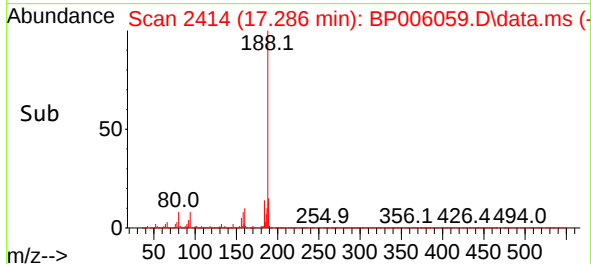
Instrument :
BNA_P
ClientSampled :
B1-6-8



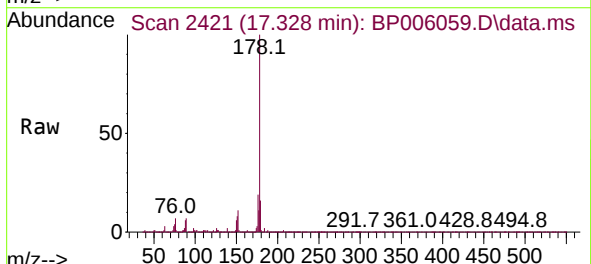
Tgt Ion:188 Resp: 352269
Ion Ratio Lower Upper
188 100
94 7.7 5.6 8.4
80 8.1 6.3 9.5

Manual Integrations
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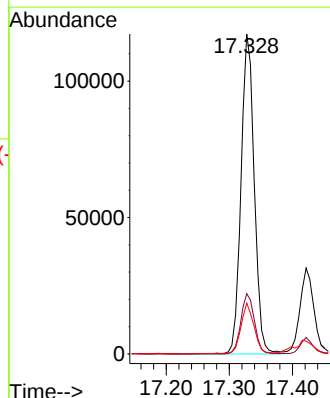
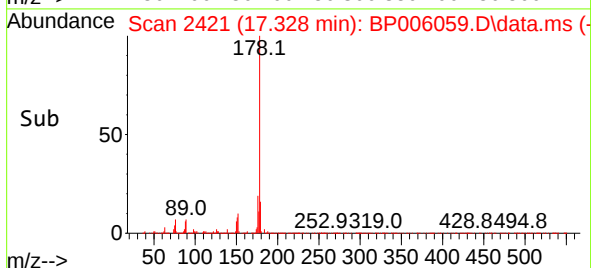
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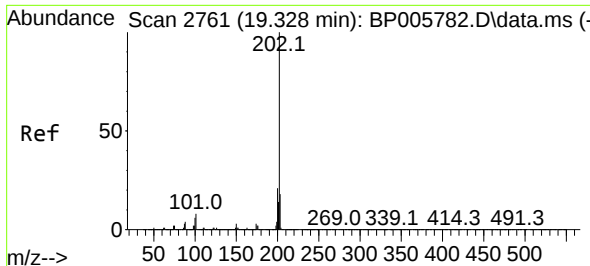


#71
Phenanthrene
Concen: 8.07 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37



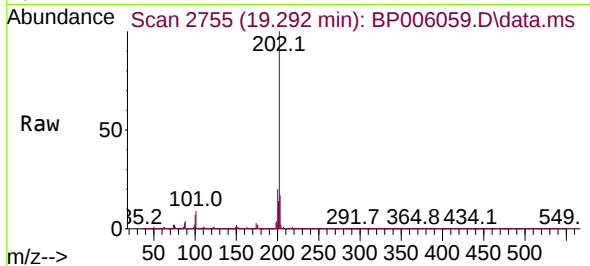
Tgt Ion:178 Resp: 170630
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.9 12.4 18.6





#75
Fluoranthene
Concen: 29.99 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

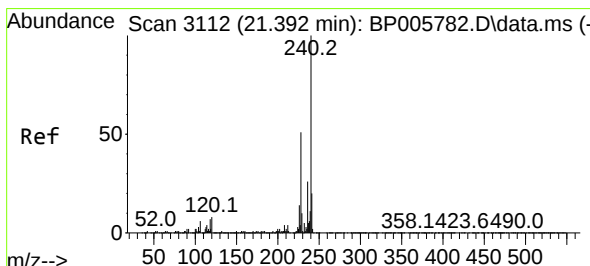
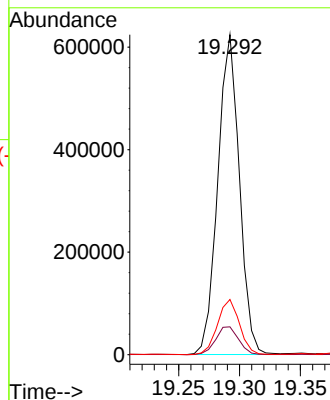
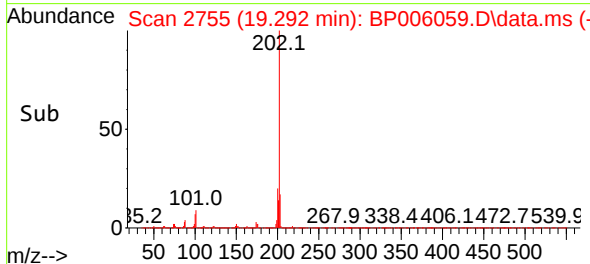
Instrument :
BNA_P
ClientSampled :
B1-6-8



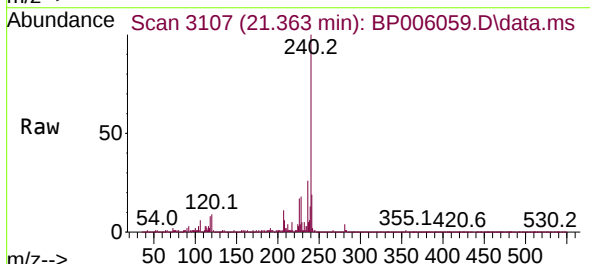
Tgt Ion:202 Resp: 770364
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.6
203 17.3 0.0 37.8

Manual Integrations
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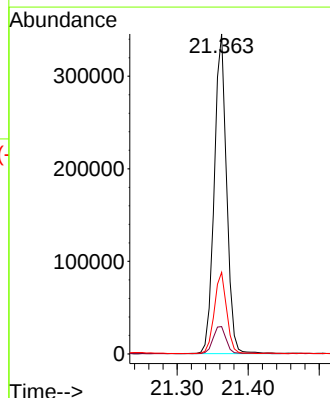
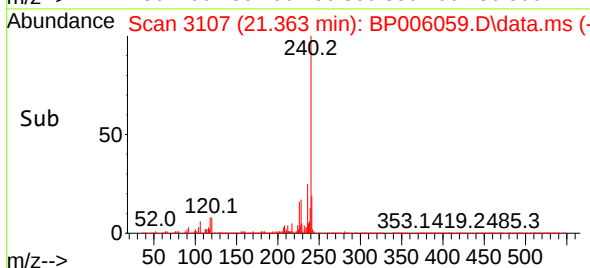
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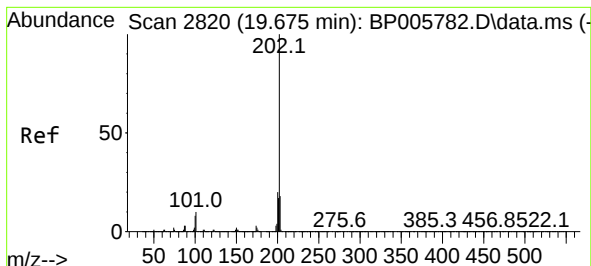


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37



Tgt Ion:240 Resp: 415883
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.5 20.6 31.0





#78

Pyrene

Concen: 25.87 ng

RT: 19.639 min Scan# 2814

Delta R.T. -0.012 min

Lab File: BP006059.D

Acq: 24 Jun 2021 18:37

Tgt Ion:	202	Resp:	751068
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.3	24.5
203	17.8	14.2	21.2

Instrument :

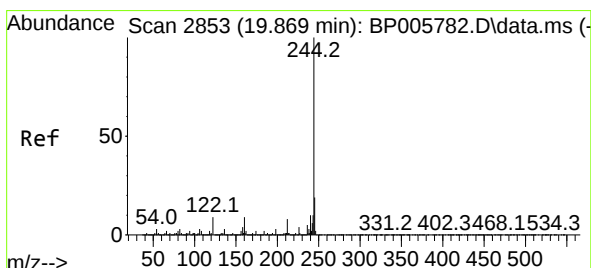
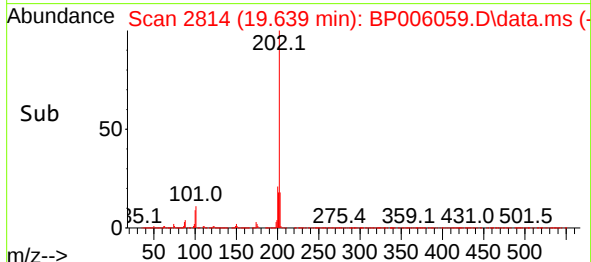
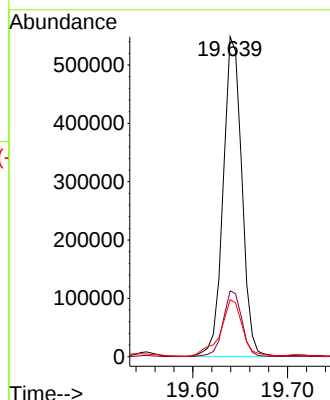
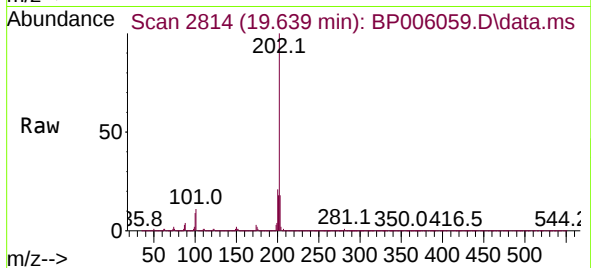
BNA_P

ClientSampled :

B1-6-8

Manual Integrations
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#79

Terphenyl-d14

Concen: 28.69 ng

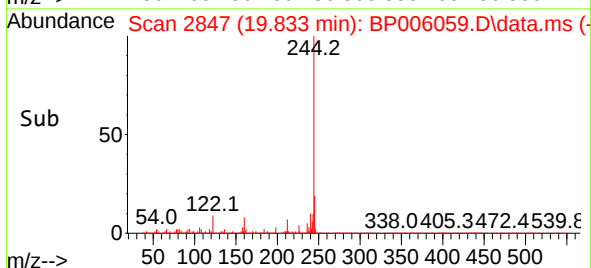
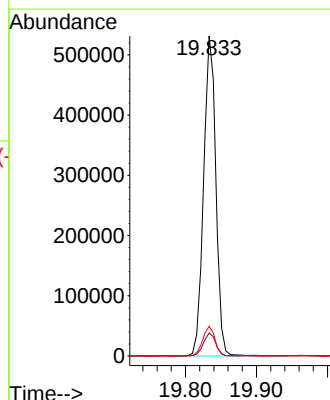
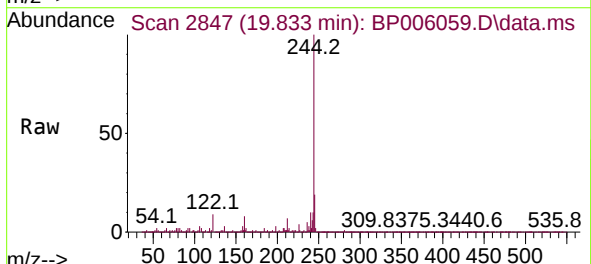
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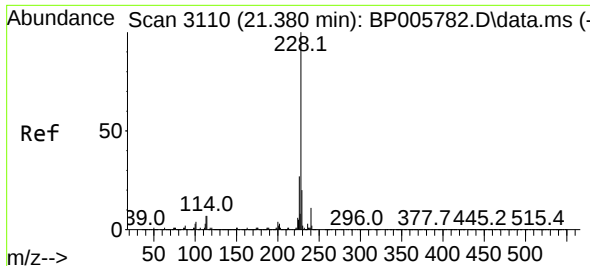
Delta R.T. -0.012 min

Lab File: BP006059.D

Acq: 24 Jun 2021 18:37

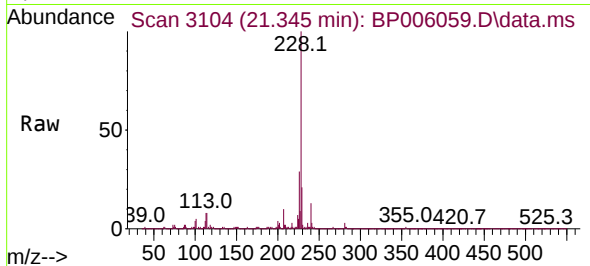
Tgt Ion:	244	Resp:	637140
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	9.3	7.1	10.7





#81
Benzo(a)anthracene
Concen: 17.31 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

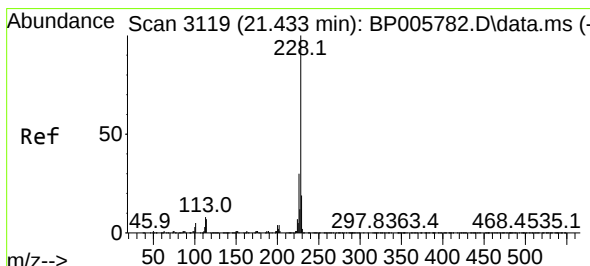
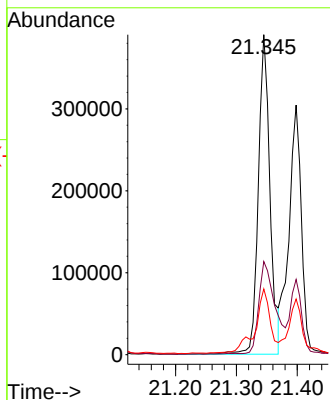
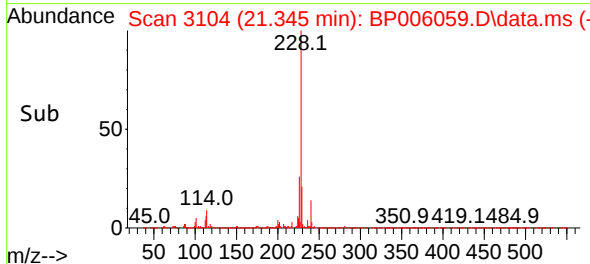
Instrument :
BNA_P
ClientSampleId :
B1-6-8



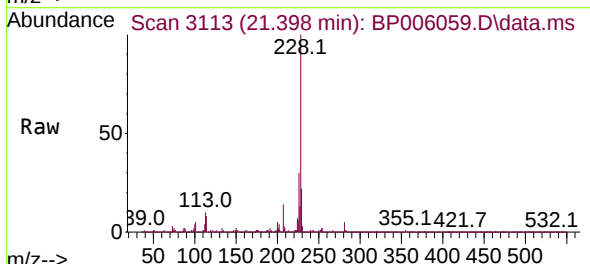
Tgt Ion:228 Resp: 519623
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 20.6 15.8 23.6

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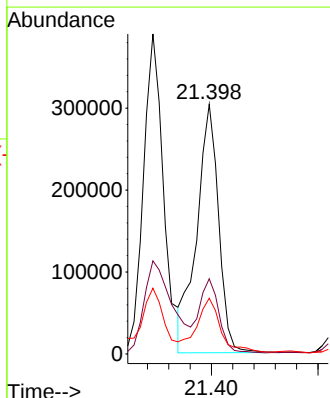
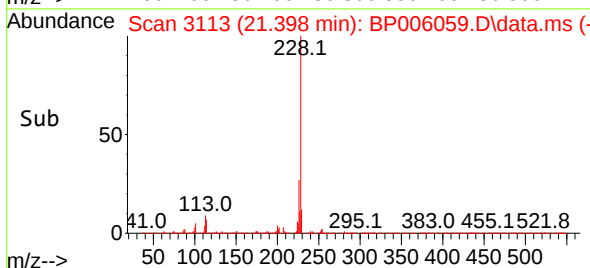
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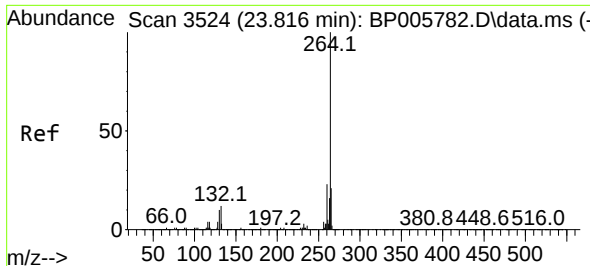


#83
Chrysene
Concen: 14.91 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37



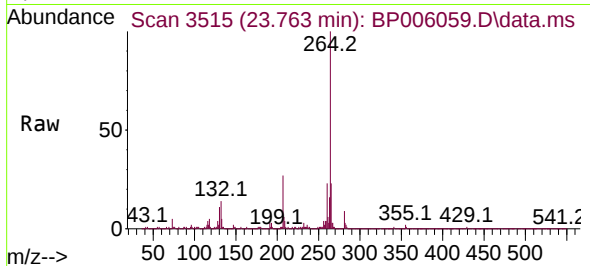
Tgt Ion:228 Resp: 433510
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 22.3 15.4 23.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

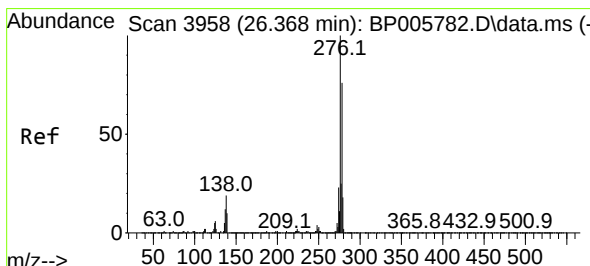
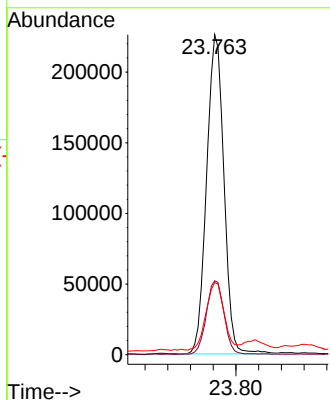
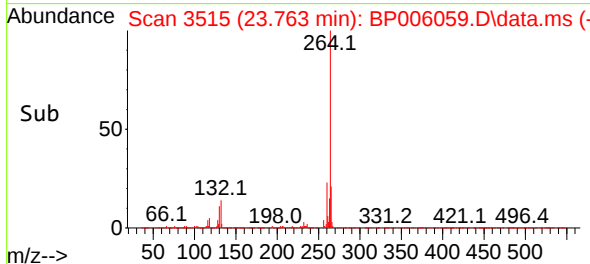
Instrument :
BNA_P
ClientSampled :
B1-6-8



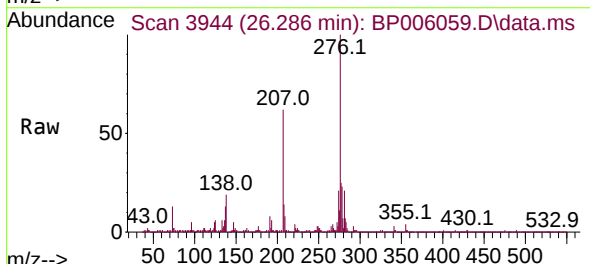
Tgt Ion:264 Resp: 477140
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 22.5 17.6 26.4

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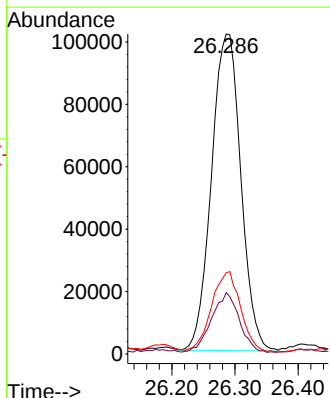
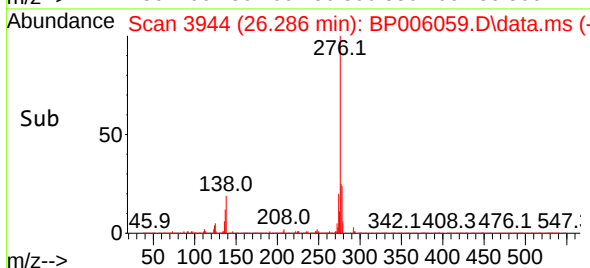
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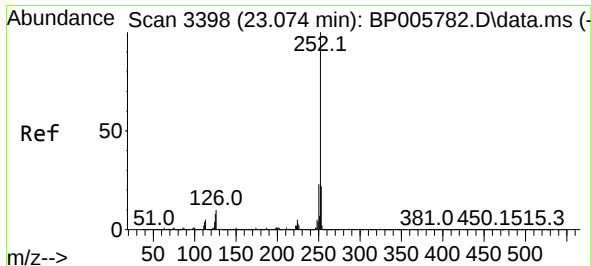


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.03 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.024 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37



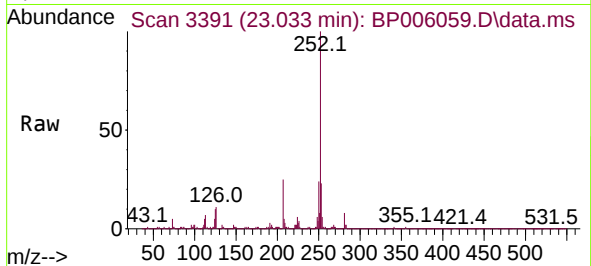
Tgt Ion:276 Resp: 327739
Ion Ratio Lower Upper
276 100
138 17.8 15.3 22.9
277 25.4 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 20.11 ng m
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

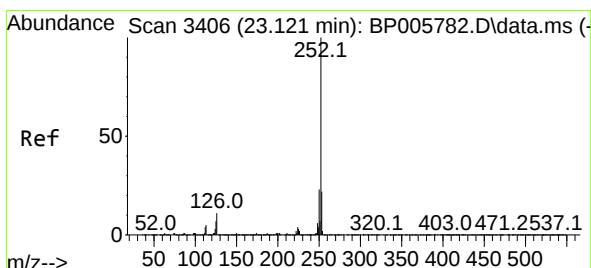
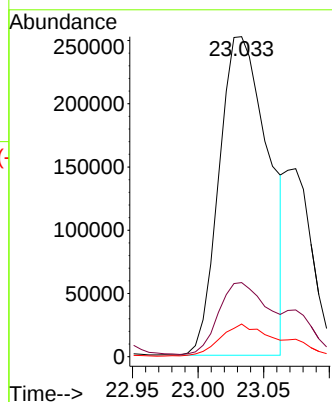
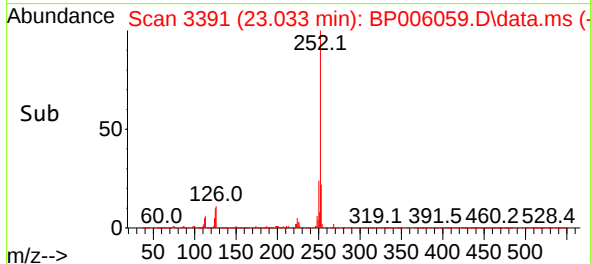
Instrument :
BNA_P
ClientSampled :
B1-6-8



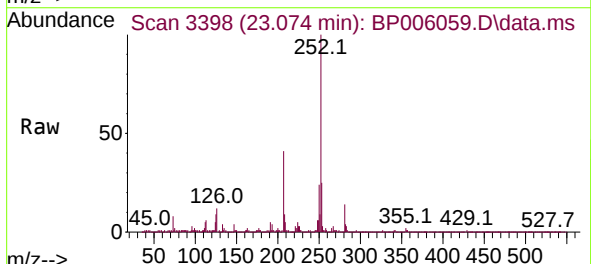
Tgt Ion:252 Resp: 657137
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 10.2 6.2 9.4#

Manual Integrations
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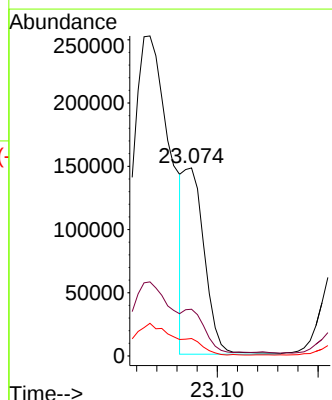
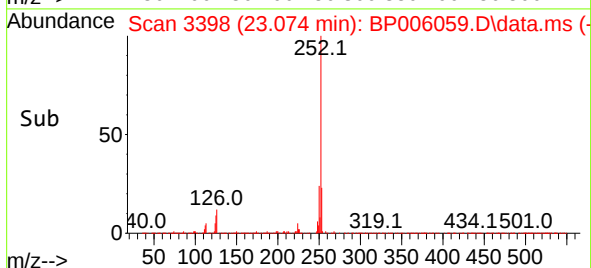
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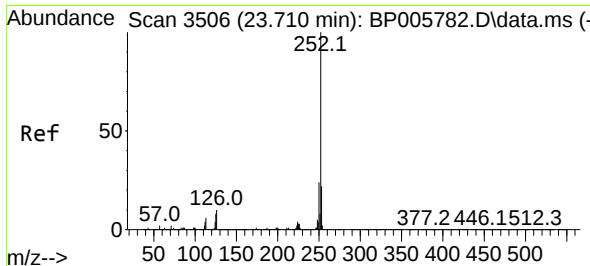


#89
Benzo(k)fluoranthene
Concen: 6.70 ng m
RT: 23.074 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

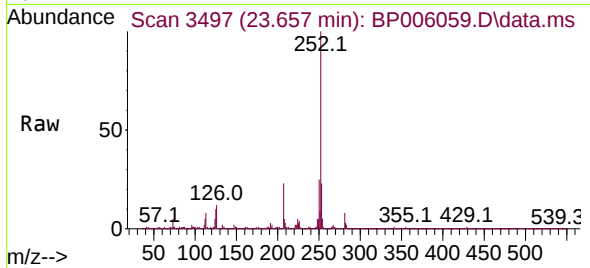


Tgt Ion:252 Resp: 212228
Ion Ratio Lower Upper
252 100
253 24.9 17.6 26.4
125 9.2 6.0 9.0#

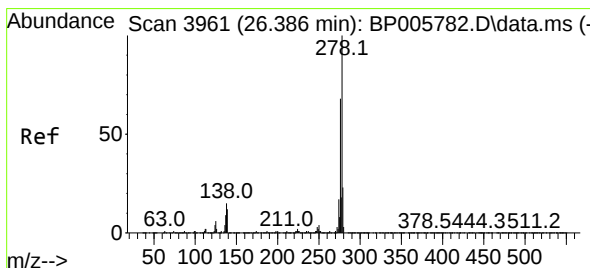
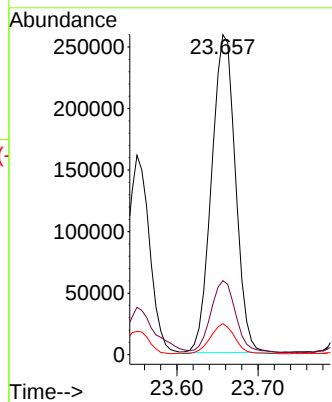
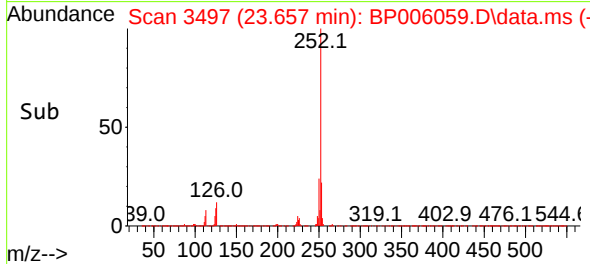




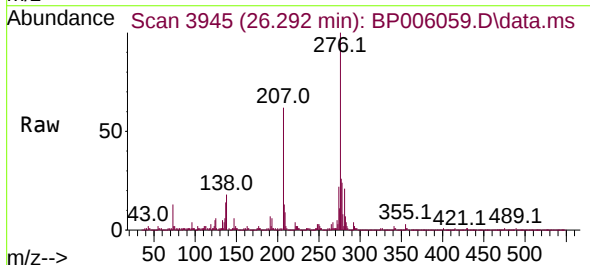
#90
Benzo(a)pyrene
Concen: 17.23 ng
RT: 23.657 min Scan# 3497
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37



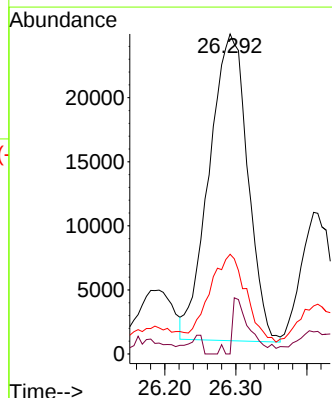
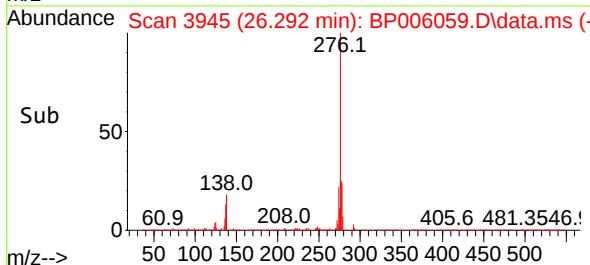
Tgt Ion:252 Resp: 529239
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 9.7 6.5 9.7



#91
Dibenzo(a,h)anthracene
Concen: 2.57 ng
RT: 26.292 min Scan# 3945
Delta R.T. -0.030 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37



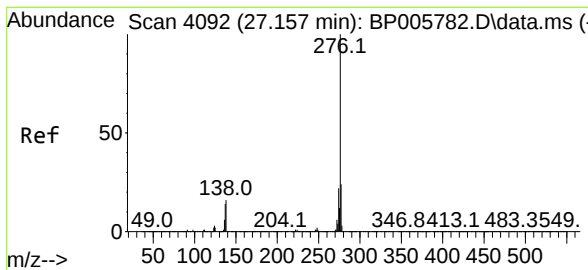
Tgt Ion:278 Resp: 90255
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 31.1 18.8 28.2#



Instrument :
BNA_P
ClientSampled :
B1-6-8

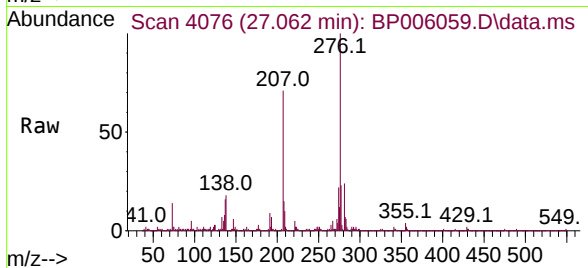
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#92
Benzo(g,h,i)perylene
Concen: 8.76 ng
RT: 27.062 min Scan# 4076
Delta R.T. -0.024 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Instrument :
BNA_P
ClientSampleId :
B1-6-8



Tgt Ion:276 Resp: 303948
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 17.5 12.6 18.8

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