

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
 Data File : BP006060.D
 Acq On : 24 Jun 2021 19:11
 Operator : CG/JU
 Sample : M2795-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B3-0-2

Manual Integrations
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Quant Time: Jun 25 01:11:11 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	79733	20.000	ng	-0.01
21) Naphthalene-d8	10.716	136	300775	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	188626	20.000	ng	-0.01
64) Phenanthrene-d10	17.287	188	390546	20.000	ng	0.00
76) Chrysene-d12	21.363	240	444967	20.000	ng	0.00
86) Perylene-d12	23.763	264	511799	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	304634	61.308	ng	0.00
7) Phenol-d6	7.087	99	377145	58.559	ng	0.00
23) Nitrobenzene-d5	9.075	82	236673	38.578	ng	-0.01
42) 2,4,6-Tribromophenol	16.028	330	191941	59.297	ng	-0.01
45) 2-Fluorobiphenyl	13.169	172	486725	33.884	ng	0.00
79) Terphenyl-d14	19.833	244	726331	30.565	ng	-0.01
Target Compounds					Qvalue	
31) Naphthalene	10.763	128	36193	2.080	ng	99
52) Acenaphthene	14.604	154	34668	2.996	ng	97
58) Fluorene	15.587	166	32726	2.207	ng	99
71) Phenanthrene	17.328	178	787349	33.570	ng	100
72) Anthracene	17.422	178	153511	6.650	ng	99
73) Carbazole	17.698	167	58740	2.650	ng	97
75) Fluoranthene	19.292	202	1134032	39.814	ng	98
78) Pyrene	19.639	202	1124119	36.187	ng	99
81) Benzo(a)anthracene	21.345	228	599380	18.661	ng	99
83) Chrysene	21.398	228	545102	17.521	ng	97
87) Indeno(1,2,3-cd)pyrene	26.280	276	392863	8.976	ng	98
88) Benzo(b)fluoranthene	23.033	252	744156	21.229	ng	98
89) Benzo(k)fluoranthene	23.074	252	223180m	6.566	ng	
90) Benzo(a)pyrene	23.657	252	579371	17.580	ng	98
91) Dibenzo(a,h)anthracene	26.286	278	104877	2.784	ng	# 85
92) Benzo(g,h,i)perylene	27.068	276	409669	11.009	ng	97

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

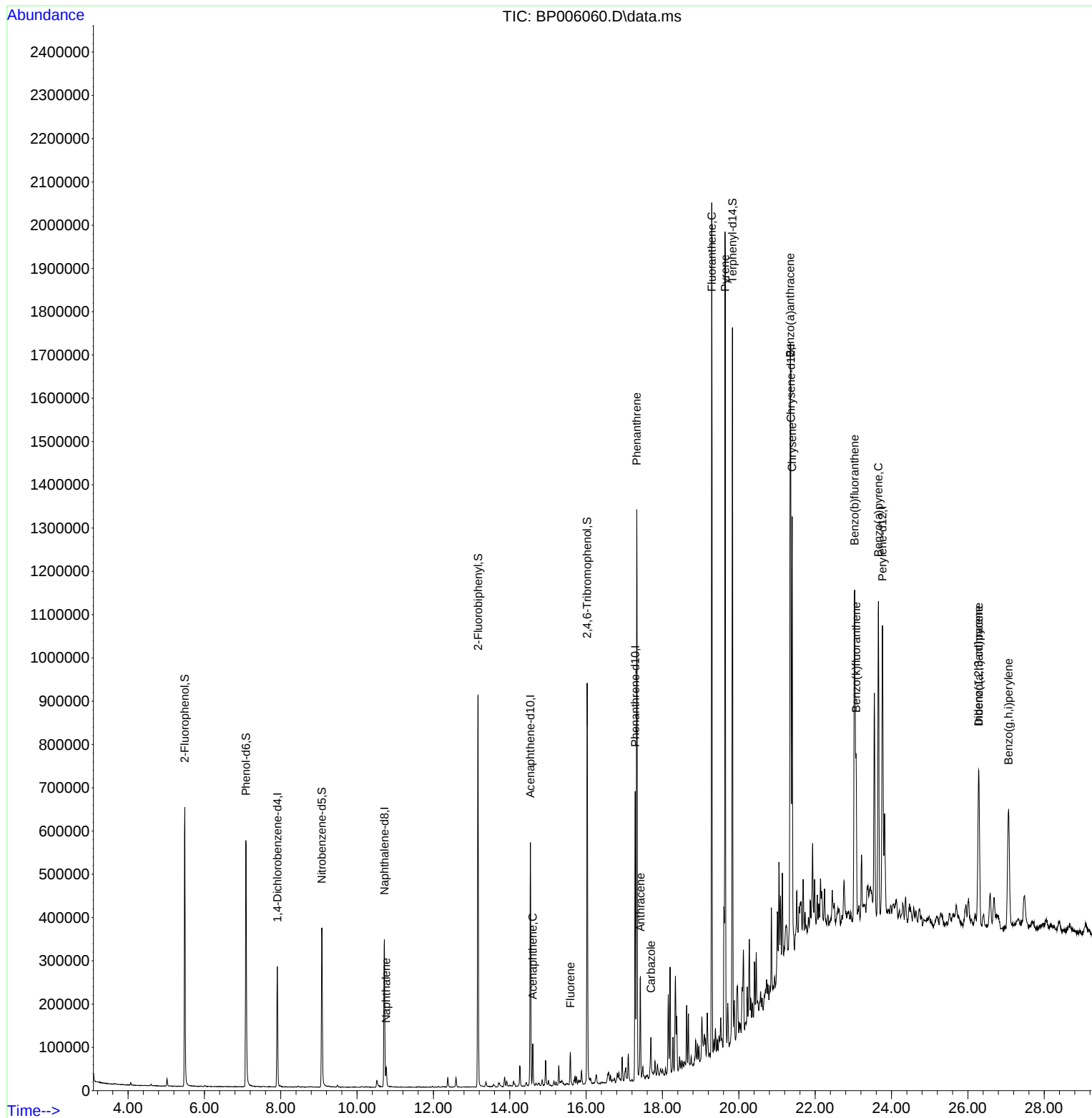
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006060.D
Acq On : 24 Jun 2021 19:11
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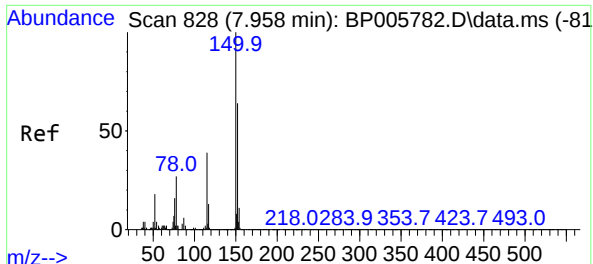
Instrument :
BNA_P
ClientSampled :
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Quant Time: Jun 25 01:11:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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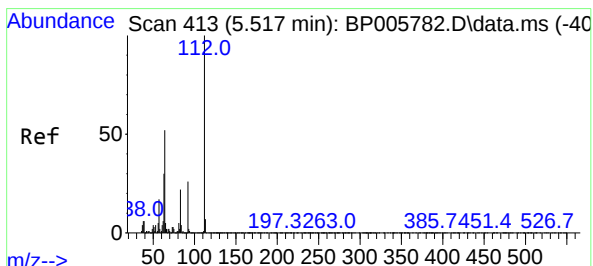
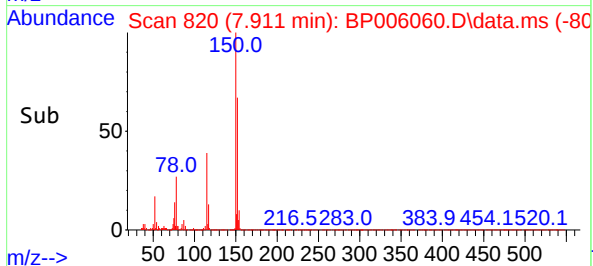
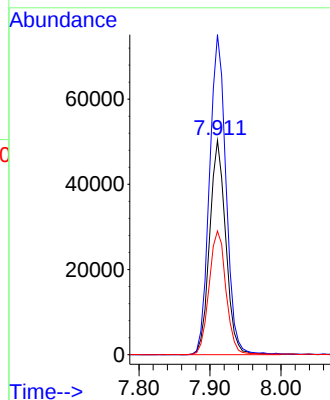
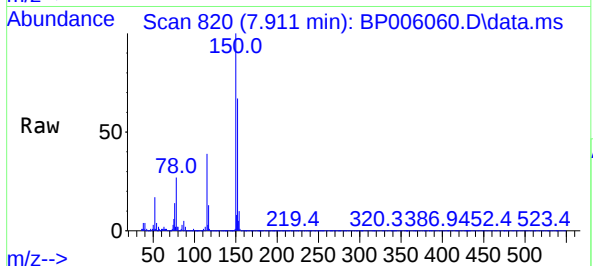
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 820
Delta R.T. -0.011 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

Tgt Ion:	152	Resp:	79733
Ion	Ratio	Lower	Upper
152	100		
150	149.3	125.6	188.4
115	57.7	48.5	72.7

Instrument :
BNA_P
ClientSampled :
B3-0-2

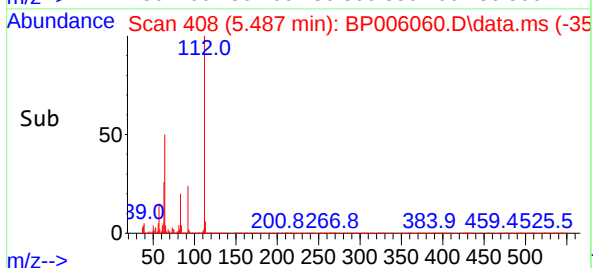
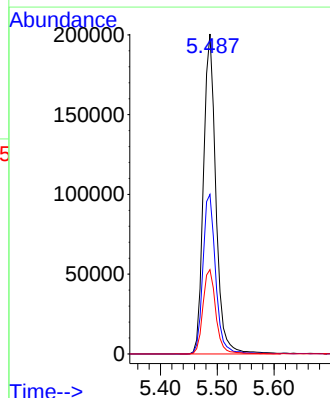
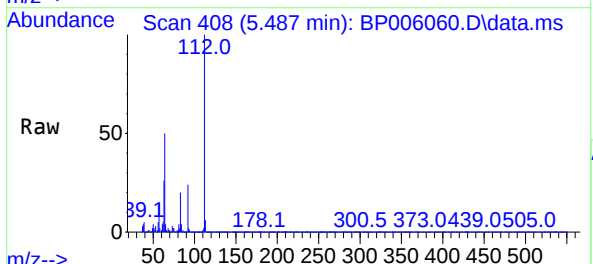
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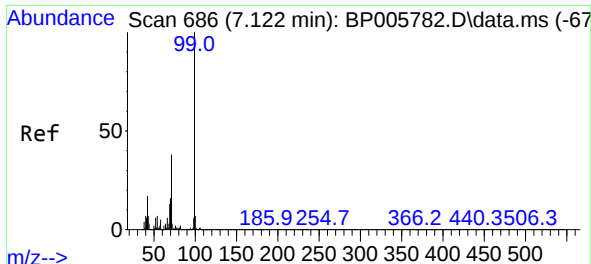
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#5
2-Fluorophenol
Concen: 61.308 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

Tgt Ion:	112	Resp:	304634
Ion	Ratio	Lower	Upper
112	100		
64	49.8	41.4	62.2
63	26.3	23.8	35.8





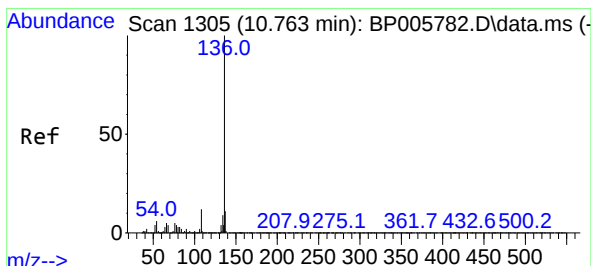
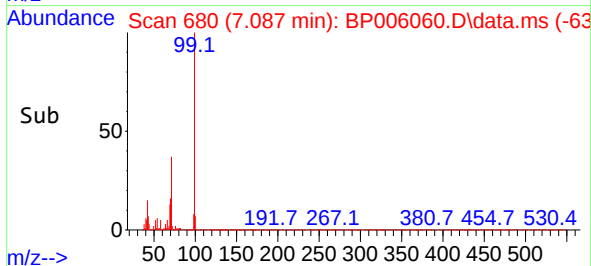
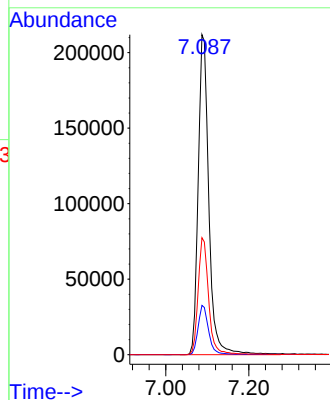
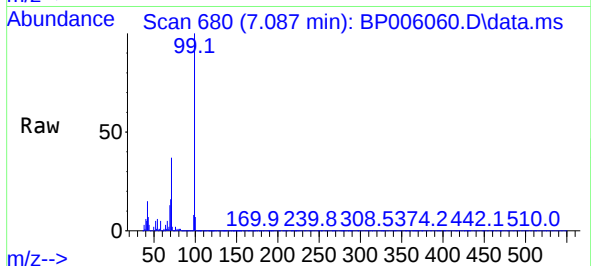
#7
Phenol-d6
Concen: 58.559 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

Tgt Ion: 99 Resp: 377145
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.0
71 36.6 30.6 46.0

Instrument :
BNA_P
ClientSampleId :
B3-0-2

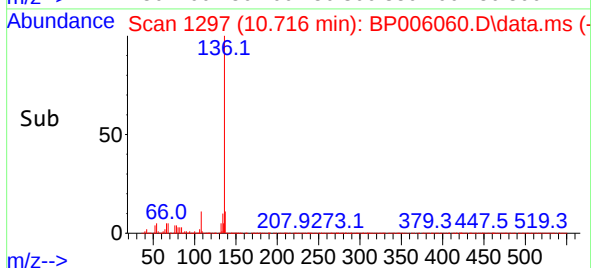
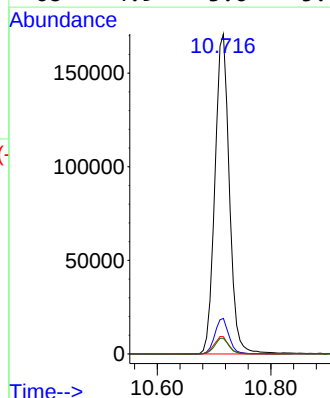
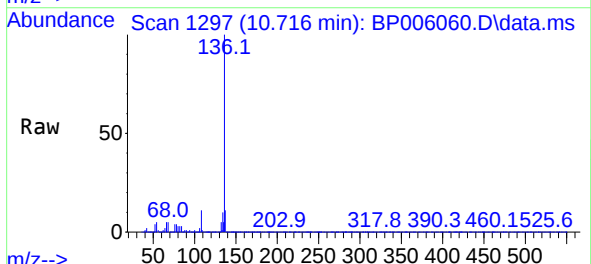
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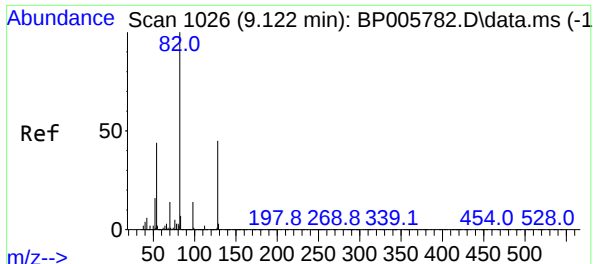
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

Tgt Ion:136 Resp: 300775
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 5.4 4.6 6.8
68 4.9 3.6 5.4



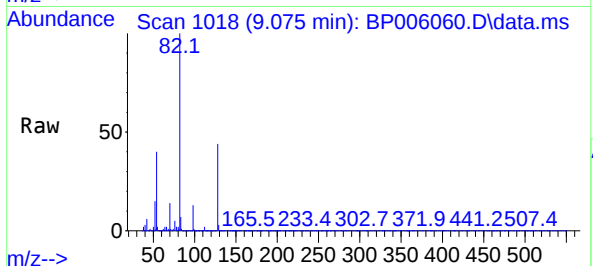


#23
Nitrobenzene-d5
Concen: 38.578 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

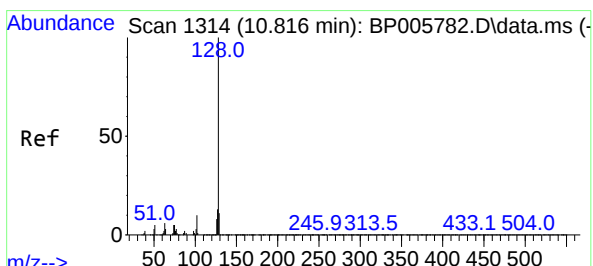
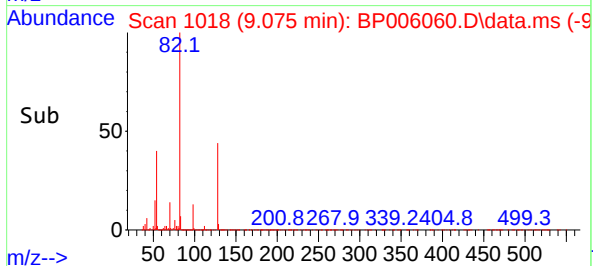
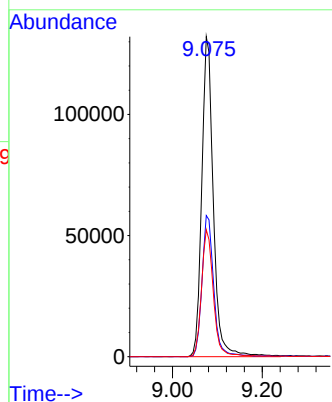
Instrument :
BNA_P
ClientSampled :
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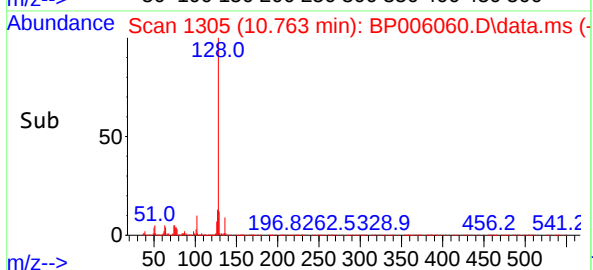
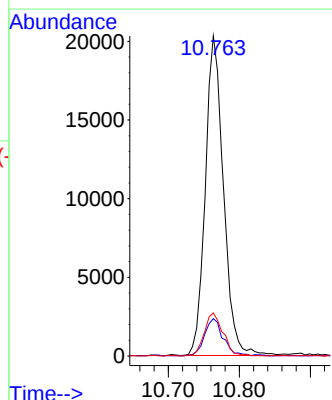
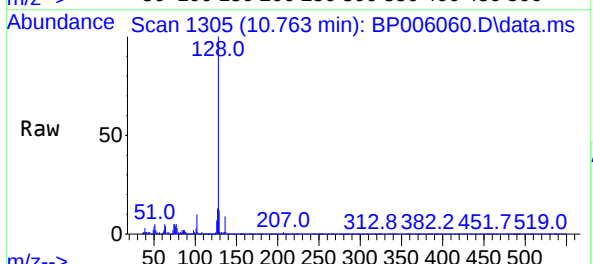


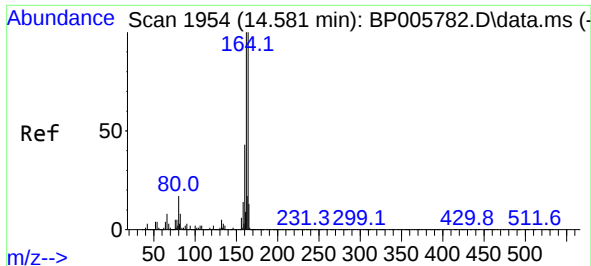
Tgt Ion: 82 Resp: 236673
Ion Ratio Lower Upper
82 100
128 44.1 35.7 53.5
54 39.7 35.0 52.4



#31
Naphthalene
Concen: 2.080 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

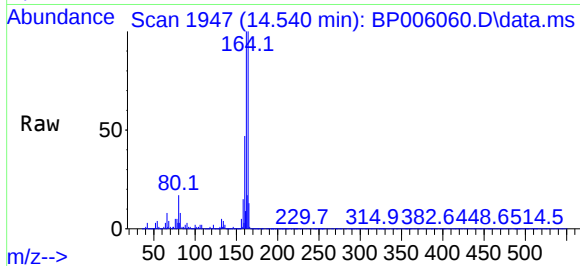
Tgt Ion: 128 Resp: 36193
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 10.7 16.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

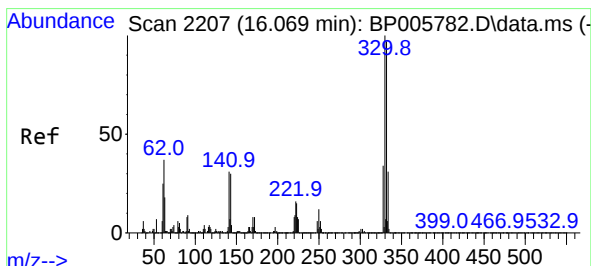
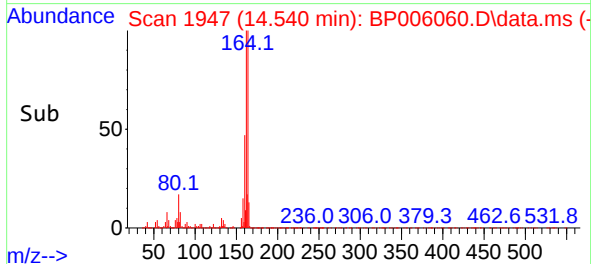
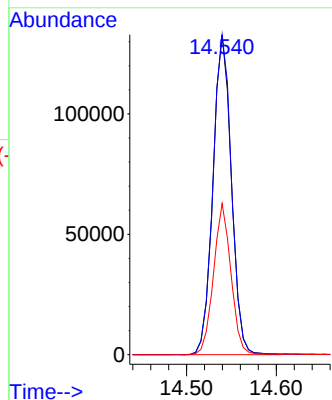
Instrument :
BNA_P
ClientSampled :
B3-0-2



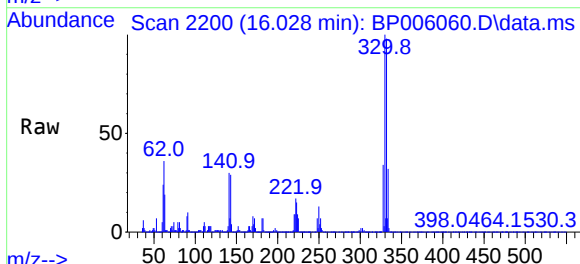
Tgt Ion:164 Resp: 188626
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 47.3 34.5 51.7

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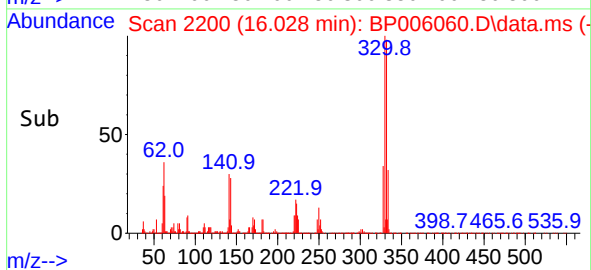
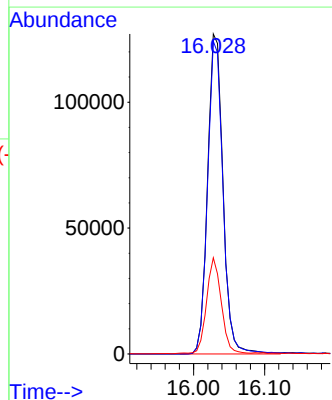
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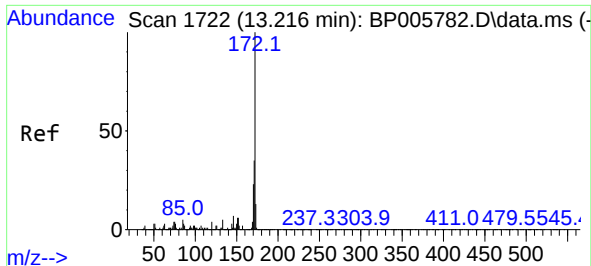


#42
2,4,6-Tribromophenol
Concen: 59.297 ng
RT: 16.028 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11



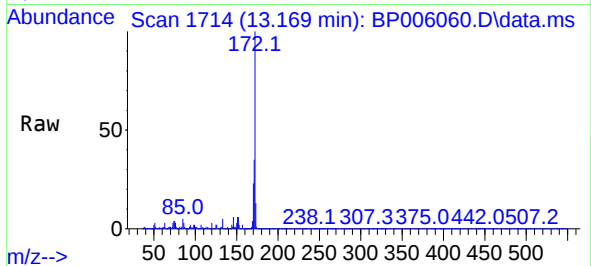
Tgt Ion:330 Resp: 191941
Ion Ratio Lower Upper
330 100
332 98.1 77.8 116.8
141 29.0 25.4 38.2





#45
2-Fluorobiphenyl
Concen: 33.884 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

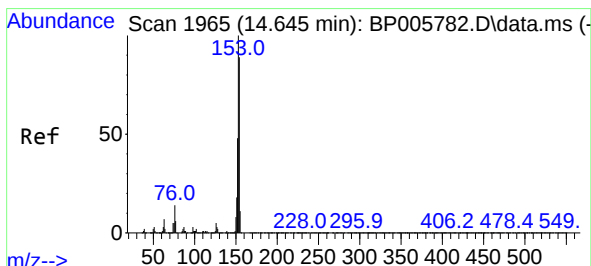
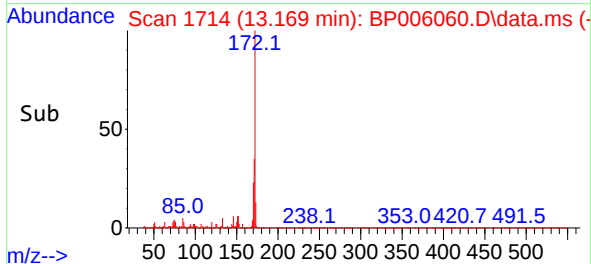
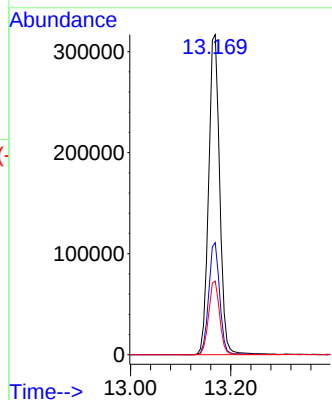
Instrument :
BNA_P
ClientSampled :
B3-0-2



Tgt Ion:172 Resp: 486725
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.0 18.6 27.8

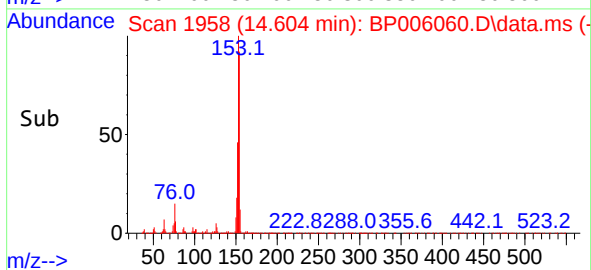
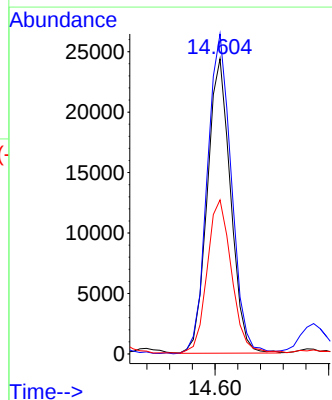
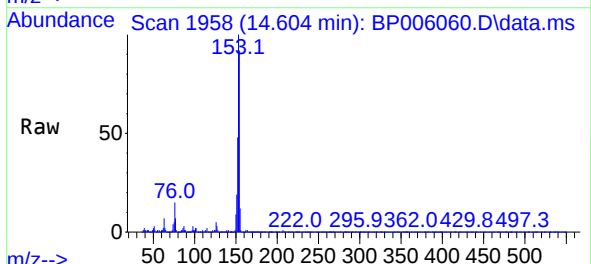
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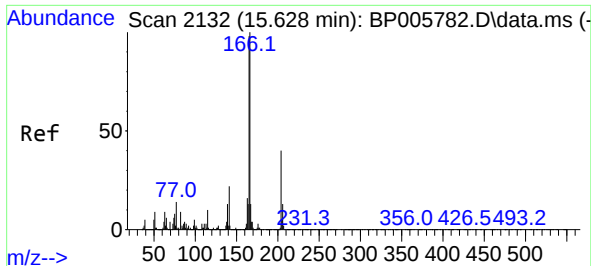
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#52
Acenaphthene
Concen: 2.996 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

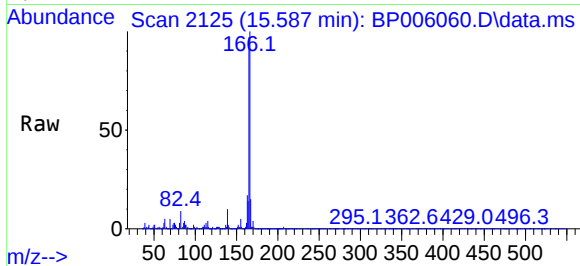
Tgt Ion:154 Resp: 34668
Ion Ratio Lower Upper
154 100
153 108.4 89.4 134.2
152 52.2 43.0 64.4





#58
Fluorene
Concen: 2.207 ng
RT: 15.587 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

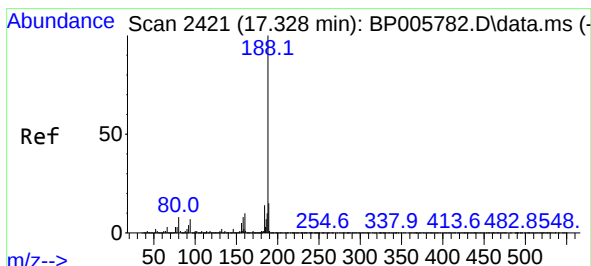
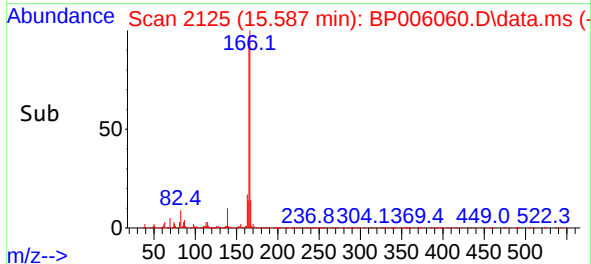
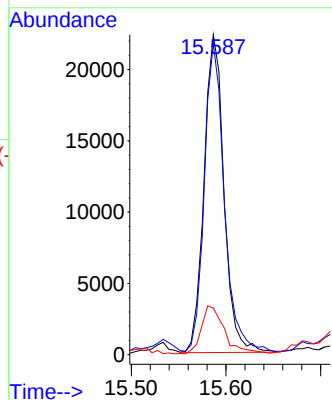
Instrument :
BNA_P
ClientSampled :
B3-0-2



Tgt Ion:166 Resp: 32726
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 14.6 10.5 15.7

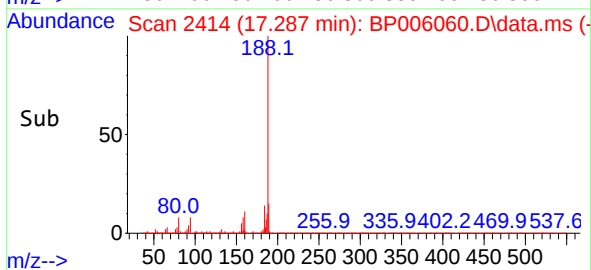
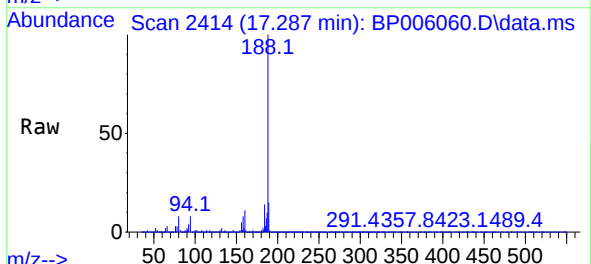
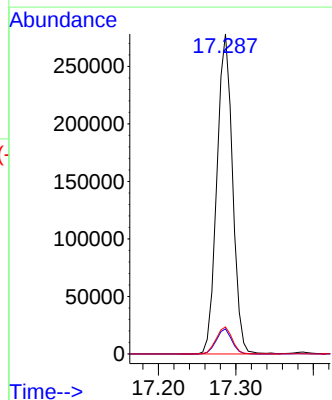
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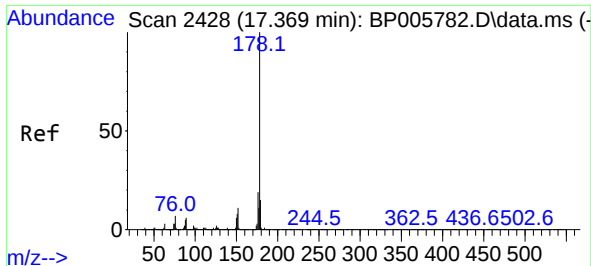
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.287 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

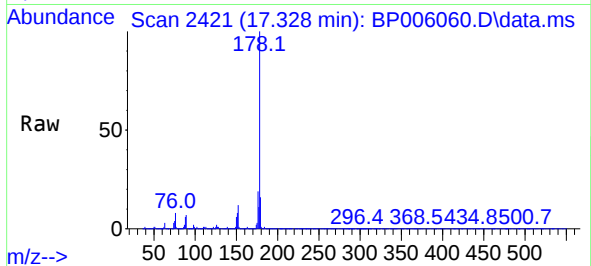
Tgt Ion:188 Resp: 390546
Ion Ratio Lower Upper
188 100
94 7.8 5.6 8.4
80 8.5 6.3 9.5





#71
Phenanthrene
Concen: 33.570 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

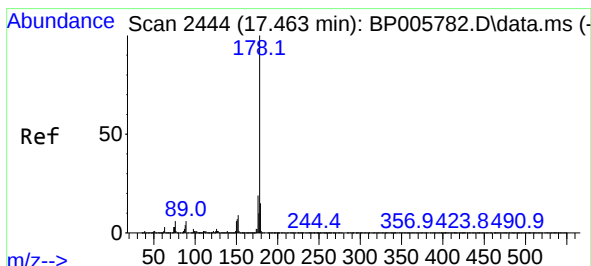
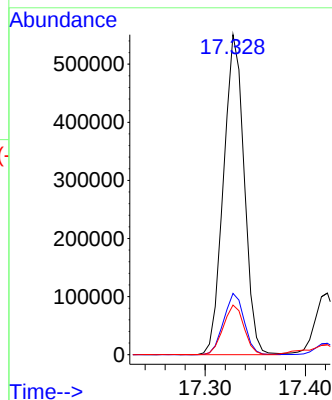
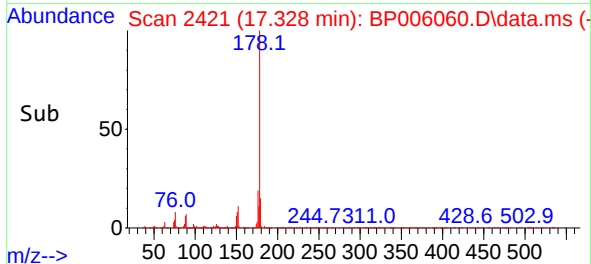
Instrument :
BNA_P
ClientSampled :
B3-0-2



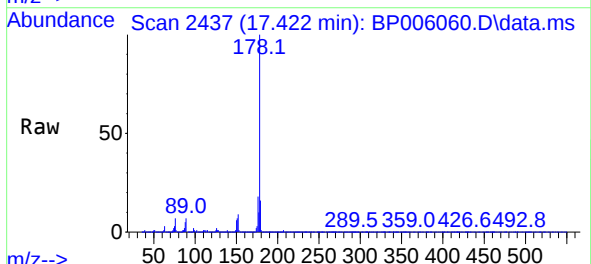
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Ion Ratio Lower Upper
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176 19.1 15.1 22.7
179 15.5 12.4 18.6

Manual Integrations
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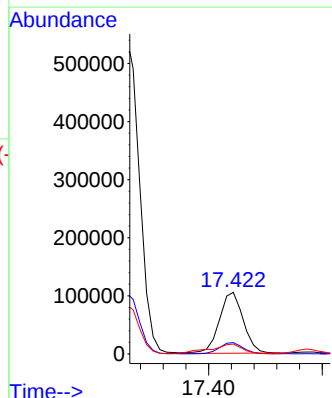
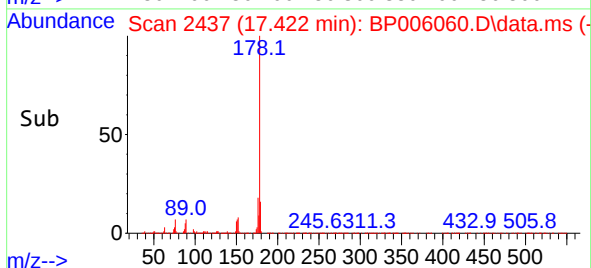
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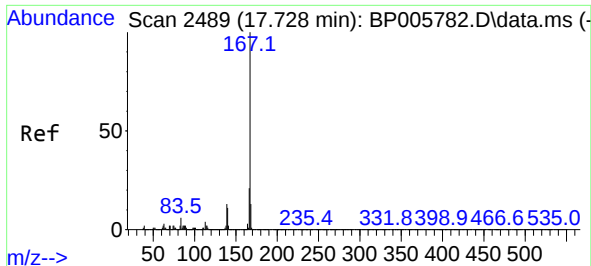


#72
Anthracene
Concen: 6.650 ng
RT: 17.422 min Scan# 2437
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11



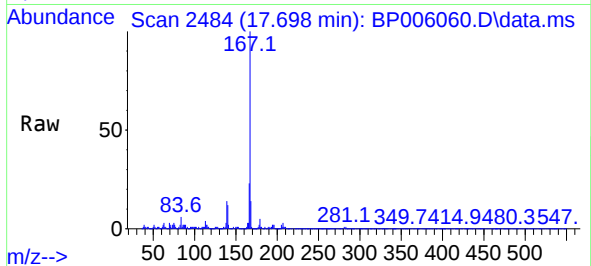
Tgt Ion:178 Resp: 153511
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 16.1 12.2 18.2





#73
Carbazole
Concen: 2.650 ng
RT: 17.698 min Scan# 2484
Delta R.T. -0.006 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

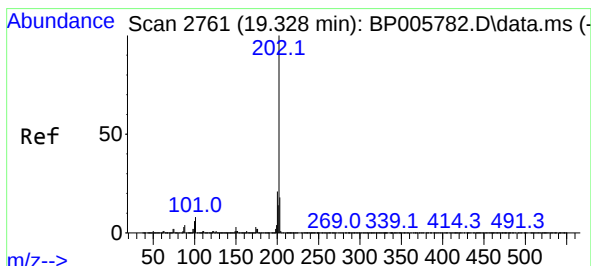
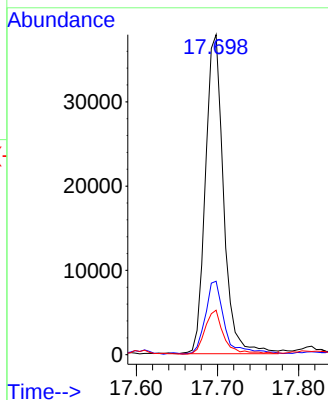
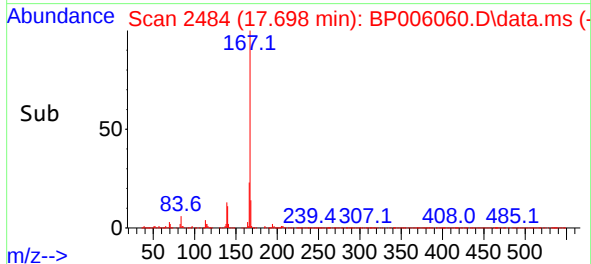
Instrument :
BNA_P
ClientSampled :
B3-0-2



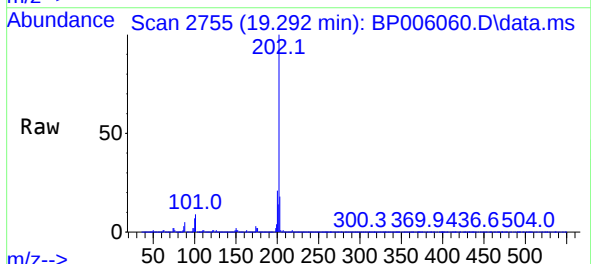
Tgt Ion:167 Resp: 58740
Ion Ratio Lower Upper
167 100
166 23.0 17.1 25.7
139 13.9 10.7 16.1

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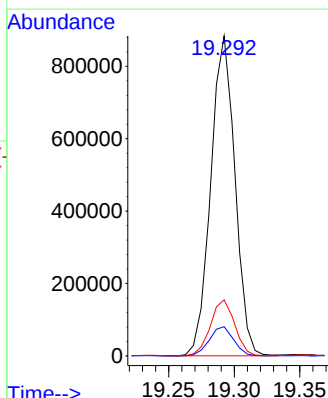
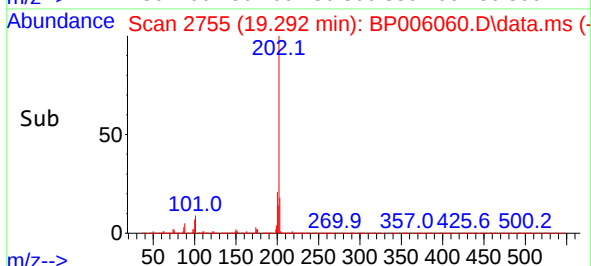
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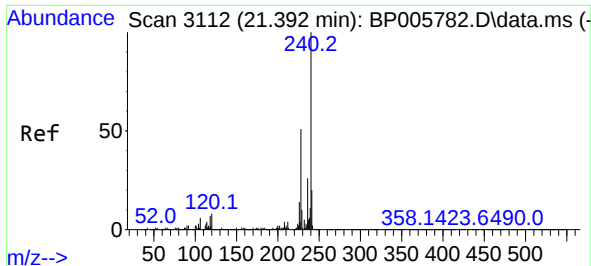


#75
Fluoranthene
Concen: 39.814 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11



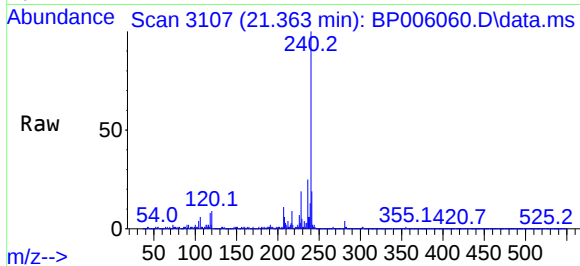
Tgt Ion:202 Resp: 1134032
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.6
203 17.6 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

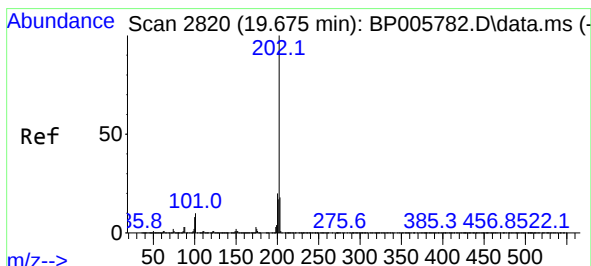
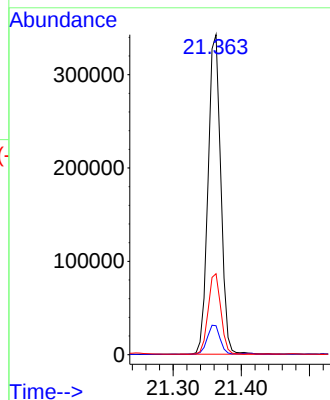
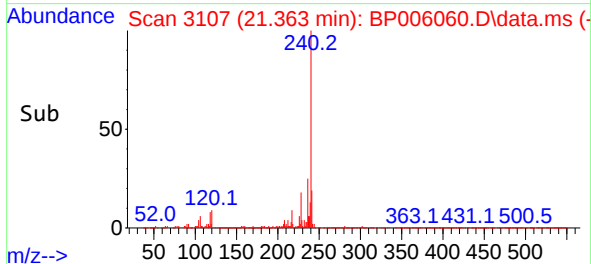
Instrument :
BNA_P
ClientSampled :
B3-0-2



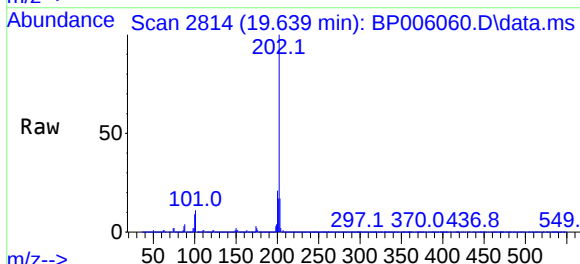
Tgt Ion:240 Resp: 444967
Ion Ratio Lower Upper
240 100
120 9.1 6.5 9.7
236 25.3 20.6 31.0

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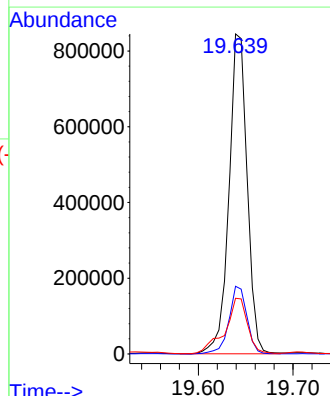
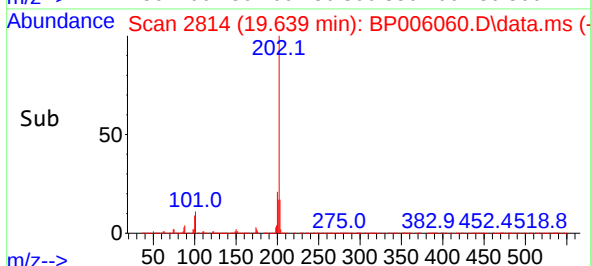
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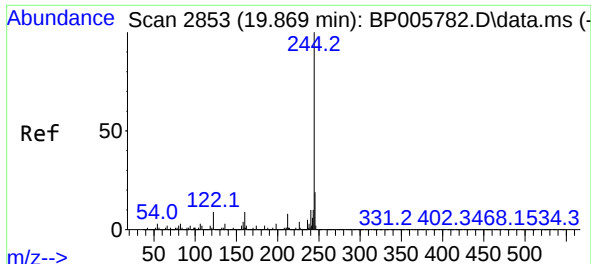


#78
Pyrene
Concen: 36.187 ng
RT: 19.639 min Scan# 2814
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11



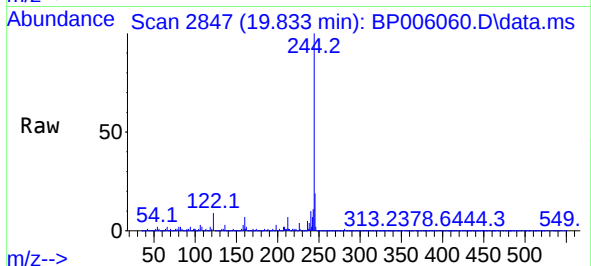
Tgt Ion:202 Resp: 1124119
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 17.4 14.2 21.2





#79
Terphenyl-d14
Concen: 30.565 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

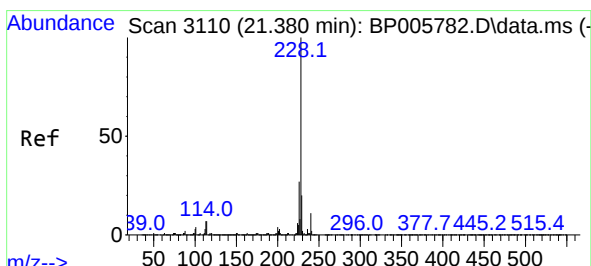
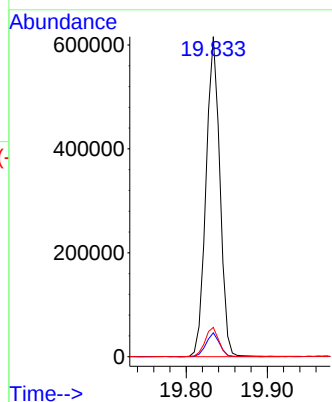
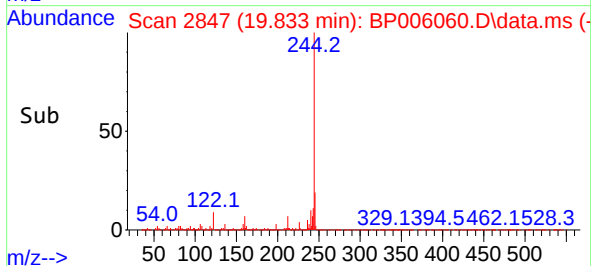
Instrument :
BNA_P
ClientSampled :
B3-0-2



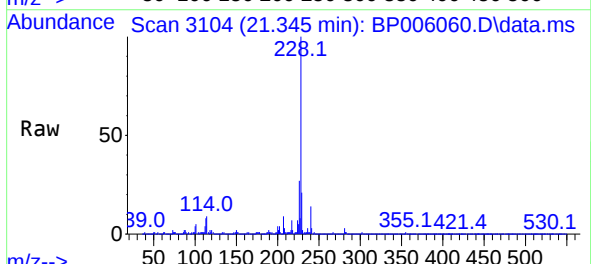
Tgt Ion:244 Resp: 726331
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 9.2 7.1 10.7

Manual Integrations
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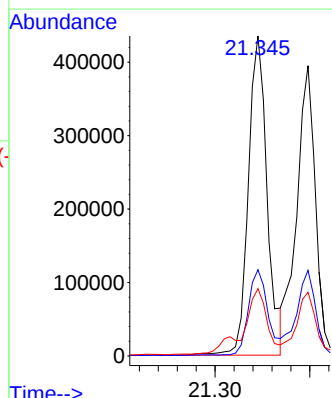
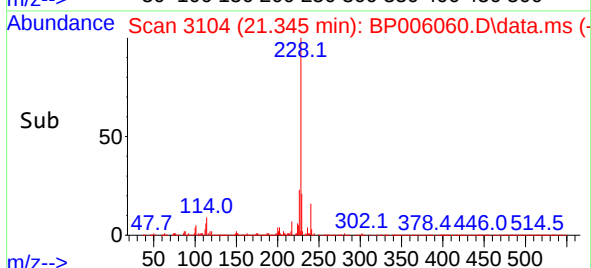
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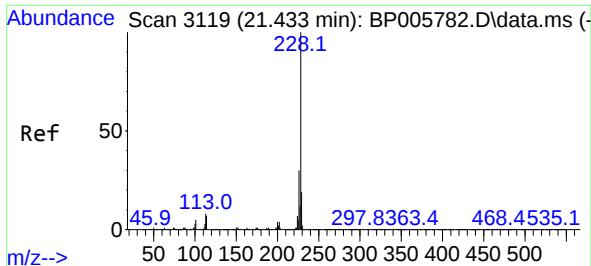


#81
Benzo(a)anthracene
Concen: 18.661 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11



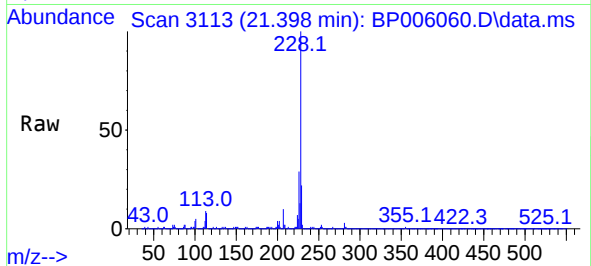
Tgt Ion:228 Resp: 599380
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 21.0 15.8 23.6





#83
Chrysene
Concen: 17.521 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

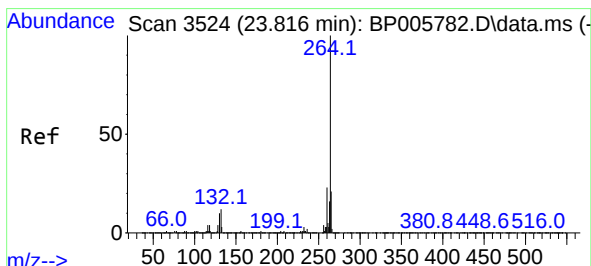
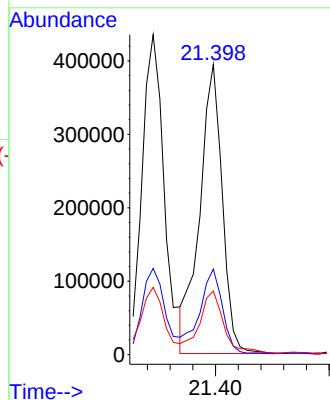
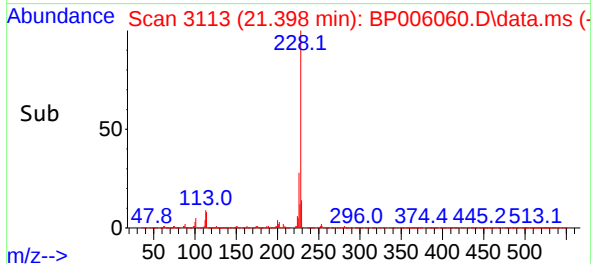
Instrument :
BNA_P
ClientSampled :
B3-0-2



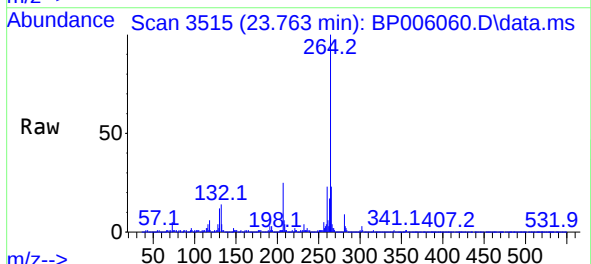
Tgt Ion:228 Resp: 545102
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.6
229 21.9 15.4 23.2

Manual Integrations
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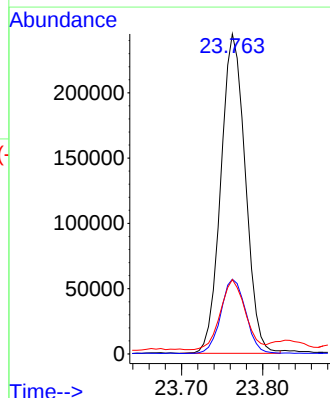
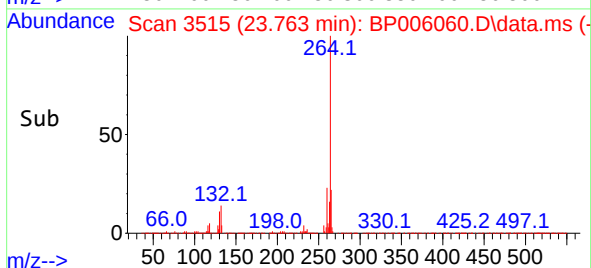
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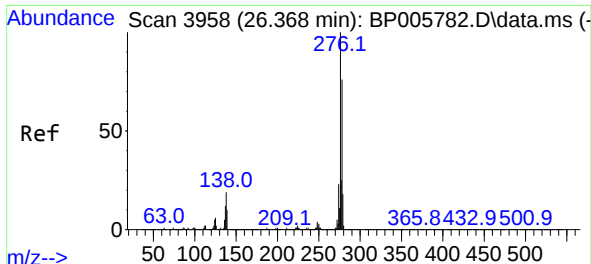


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11



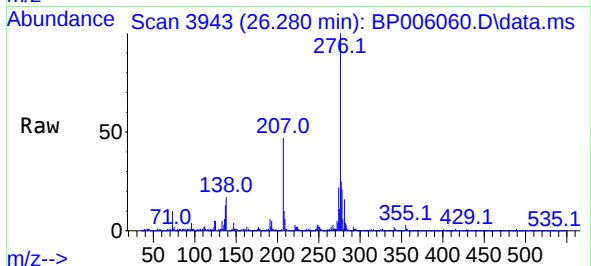
Tgt Ion:264 Resp: 511799
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 23.2 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.976 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.029 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

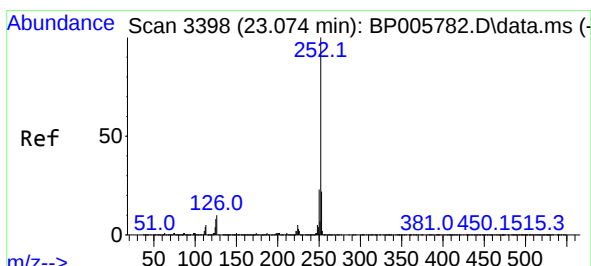
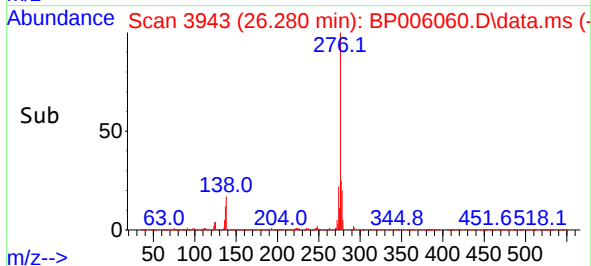
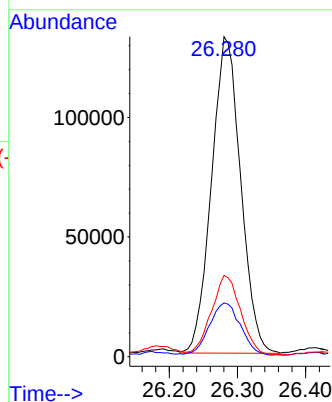
Instrument :
BNA_P
ClientSampled :
B3-0-2



Tgt Ion:276 Resp: 392863
Ion Ratio Lower Upper
276 100
138 17.6 15.3 22.9
277 25.1 20.4 30.6

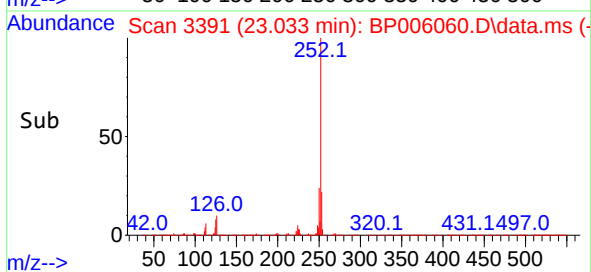
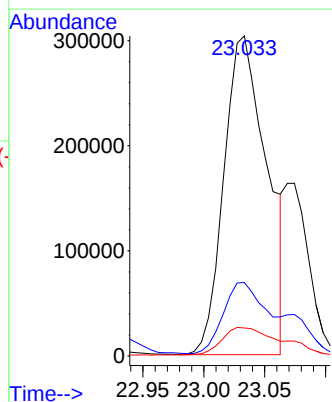
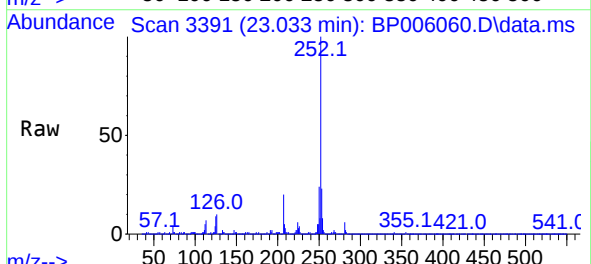
Manual Integrations
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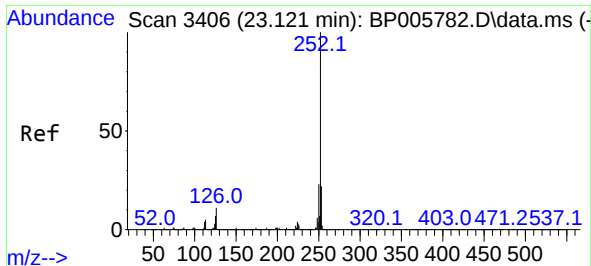
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#88
Benzo(b)fluoranthene
Concen: 21.229 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

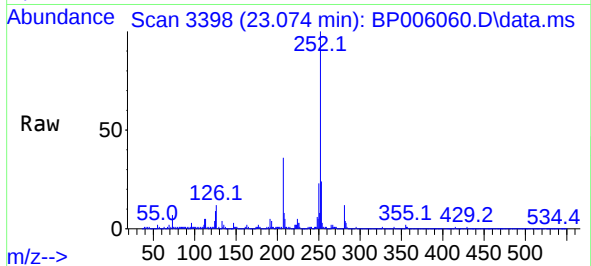
Tgt Ion:252 Resp: 744156
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 8.7 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 6.566 ng m
RT: 23.074 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

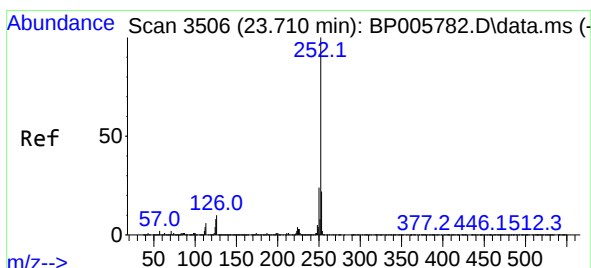
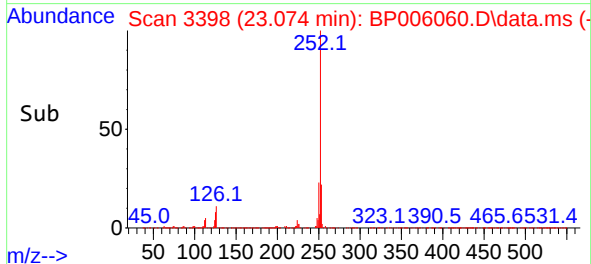
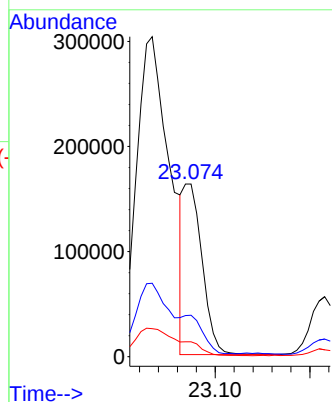
Instrument :
BNA_P
ClientSampled :
B3-0-2



Tgt Ion:252 Resp: 223180
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 8.7 6.0 9.0

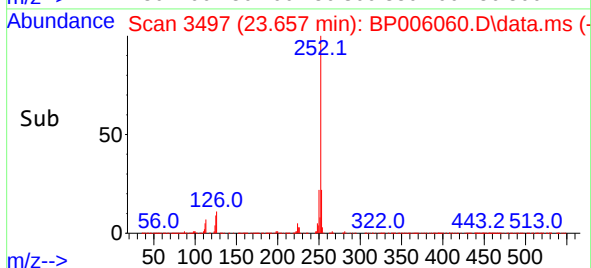
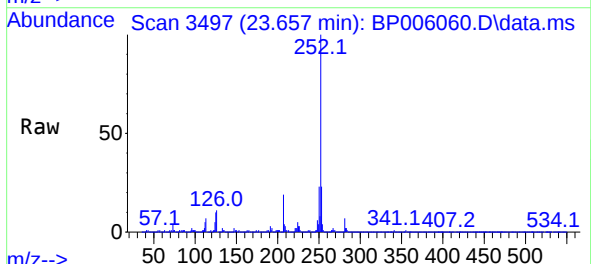
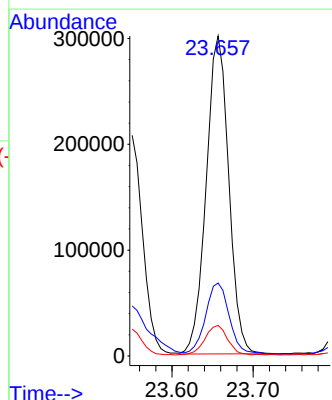
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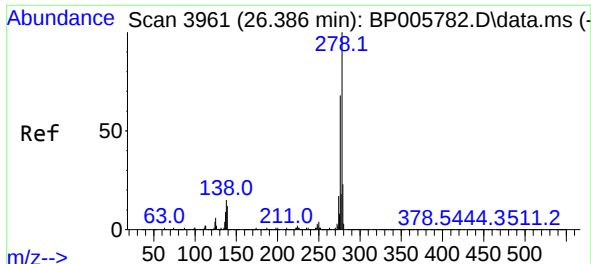
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#90
Benzo(a)pyrene
Concen: 17.580 ng
RT: 23.657 min Scan# 3497
Delta R.T. -0.012 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

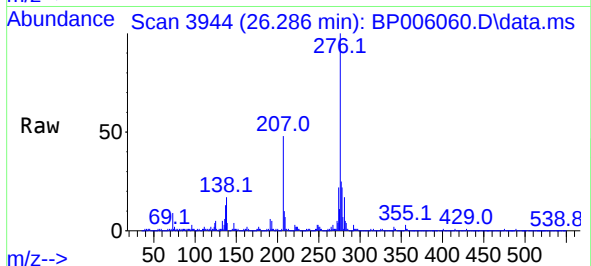
Tgt Ion:252 Resp: 579371
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 9.6 6.5 9.7





#91
Dibenzo(a,h)anthracene
Concen: 2.784 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.035 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11

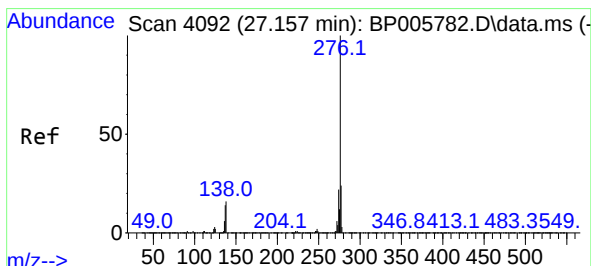
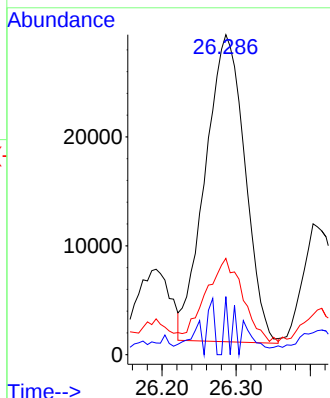
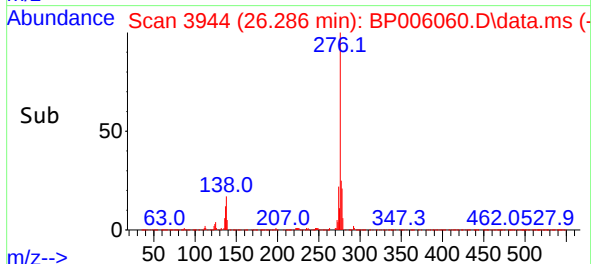
Instrument :
BNA_P
ClientSampled :
B3-0-2



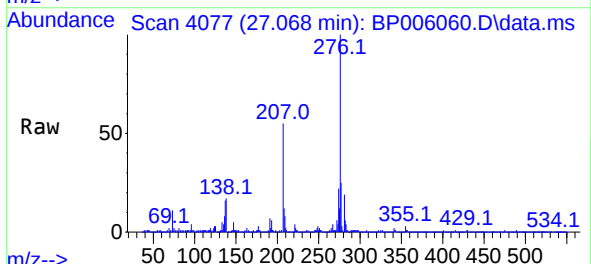
Tgt Ion:278 Resp: 104877
Ion Ratio Lower Upper
278 100
139 18.2 9.3 13.9#
279 30.1 18.8 28.2#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 11.009 ng
RT: 27.068 min Scan# 4077
Delta R.T. -0.018 min
Lab File: BP006060.D
Acq: 24 Jun 2021 19:11



Tgt Ion:276 Resp: 409669
Ion Ratio Lower Upper
276 100
277 24.6 18.9 28.3
138 17.3 12.6 18.8

