

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
 Data File : BP006102.D
 Acq On : 29 Jun 2021 21:27
 Operator : CG/JU
 Sample : M2885-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 41547

Manual Integrations
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mohammad
 6/30/2021 2:14:01 PM

Quant Time: Jun 30 01:14:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	101702	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	345411	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	189734	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	373095	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	472521	20.000	ng	# 0.00
86) Perylene-d12	23.757	264	574290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	606586	95.706	ng	0.00
7) Phenol-d6	7.081	99	690777	84.087	ng	0.00
23) Nitrobenzene-d5	9.069	82	425626	60.413	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	307106	94.321	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	843013	58.344	ng	0.00
79) Terphenyl-d14	19.828	244	1253850	49.687	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.752	128	87246	4.366	ng	100
32) Benzoic acid	10.081	122	3042m	6.997	ng	
37) 2-Methylnaphthalene	12.363	142	44926	3.157	ng	98
52) Acenaphthene	14.593	154	110088	9.459	ng	96
55) Dibenzofuran	14.928	168	140020	7.316	ng	99
58) Fluorene	15.581	166	199059	13.348	ng	99
71) Phenanthrene	17.322	178	901037	40.214	ng	99
72) Anthracene	17.416	178	239059	10.841	ng	99
73) Carbazole	17.686	167	62483	2.951	ng	# 91
75) Fluoranthene	19.286	202	688527	25.304	ng	98
78) Pyrene	19.633	202	507536	15.386	ng	99
81) Benzo(a)anthracene	21.339	228	201080	5.895	ng	# 91
83) Chrysene	21.392	228	250768	7.591	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.274	276	115633	2.355	ng	99
88) Benzo(b)fluoranthene	23.022	252	232405	5.909	ng	# 94
90) Benzo(a)pyrene	23.651	252	157351	4.255	ng	# 94
92) Benzo(g,h,i)perylene	27.051	276	128186	3.070	ng	# 94

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

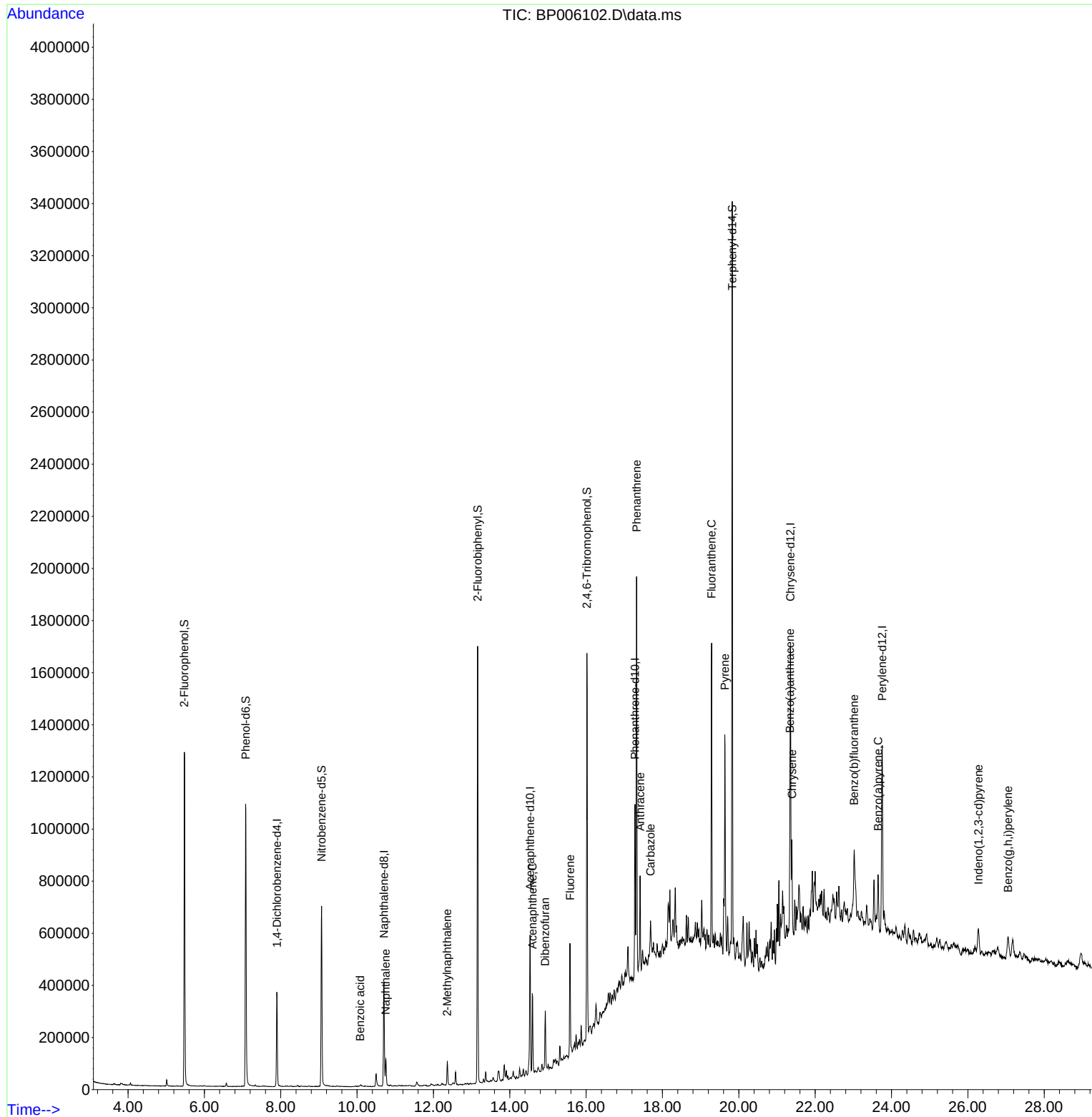
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Data File : BP006102.D
Acq On : 29 Jun 2021 21:27
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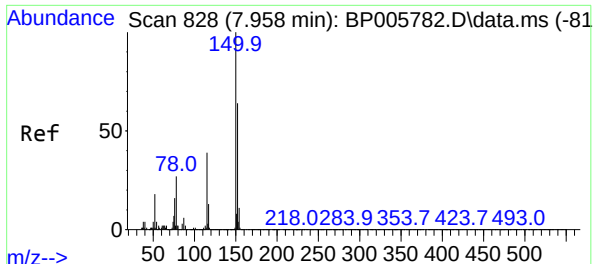
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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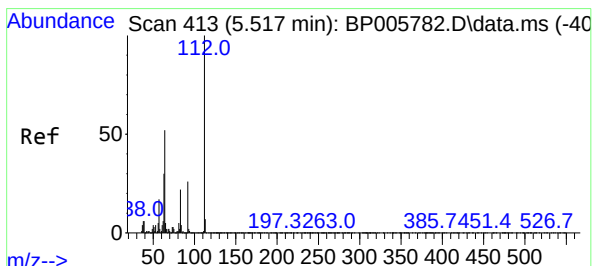
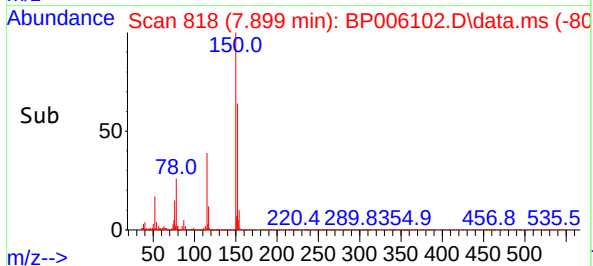
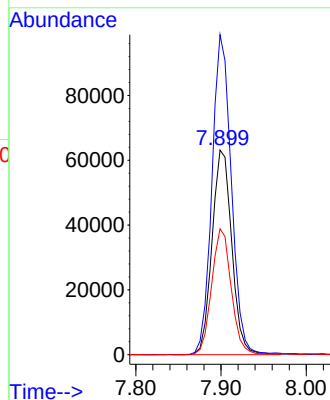
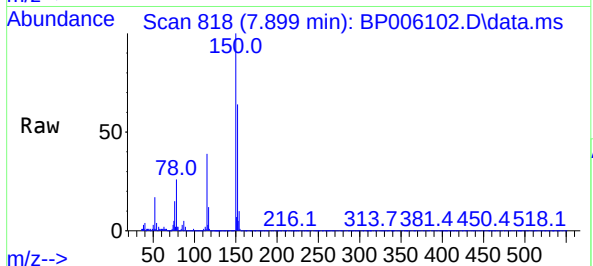
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Tgt Ion:152 Resp: 101702
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 61.5 48.5 72.7

Instrument :
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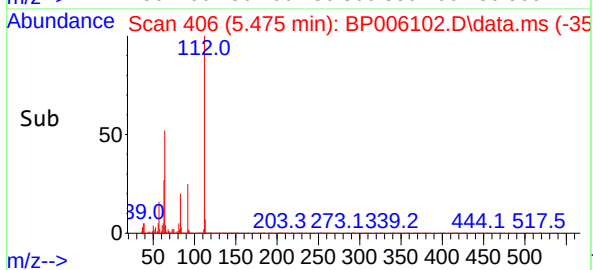
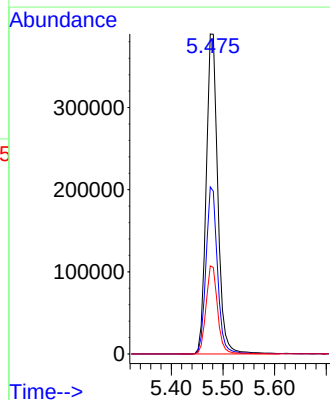
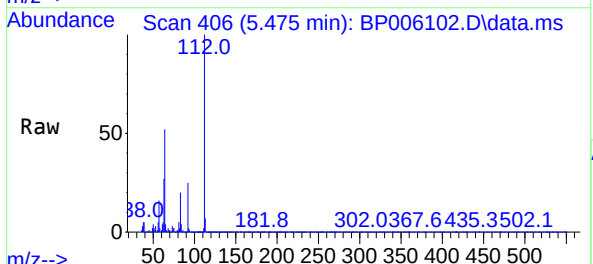
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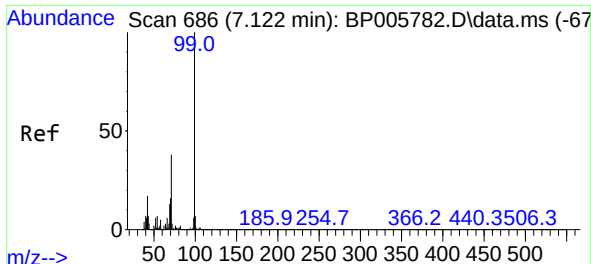
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#5
2-Fluorophenol
Concen: 95.706 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Tgt Ion:112 Resp: 606586
Ion Ratio Lower Upper
112 100
64 52.2 41.4 62.2
63 27.5 23.8 35.8





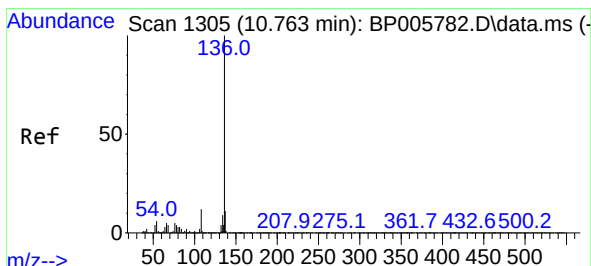
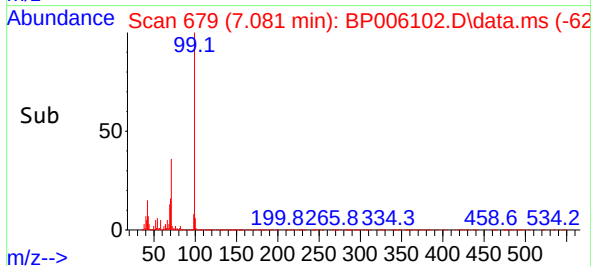
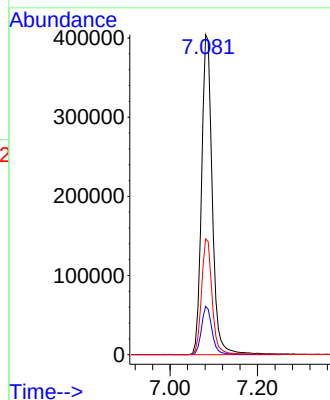
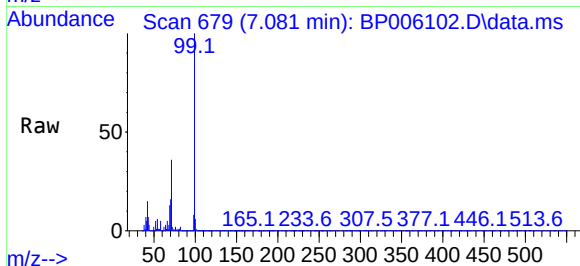
#7
Phenol-d6
Concen: 84.087 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Tgt Ion: 99 Resp: 690777
Ion Ratio Lower Upper
99 100
42 15.1 13.4 20.0
71 36.2 30.6 46.0

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41547

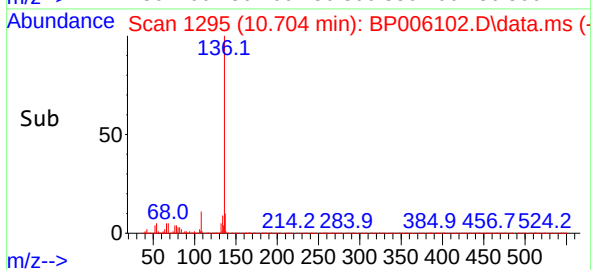
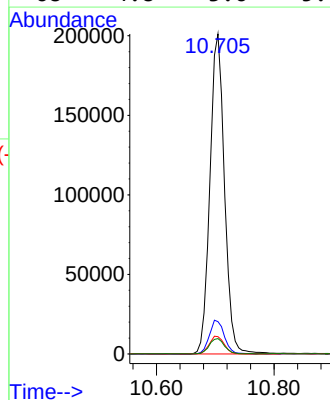
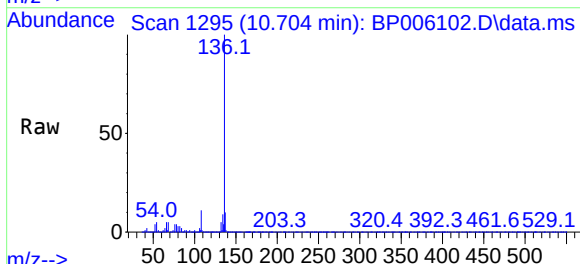
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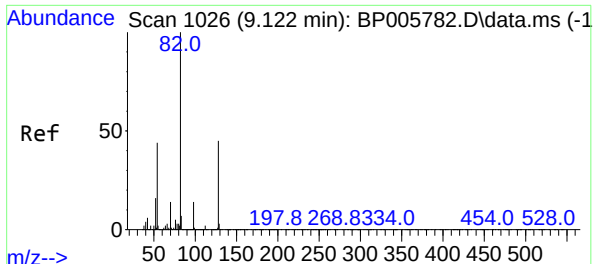
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Tgt Ion: 136 Resp: 345411
Ion Ratio Lower Upper
136 100
137 10.1 8.6 12.8
54 5.4 4.6 6.8
68 4.8 3.6 5.4





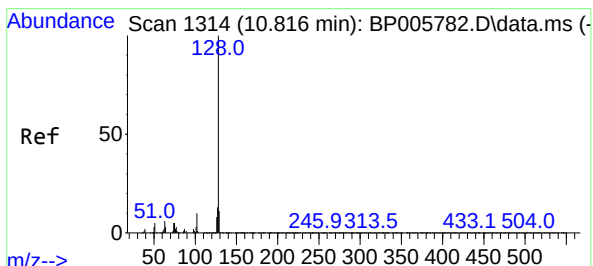
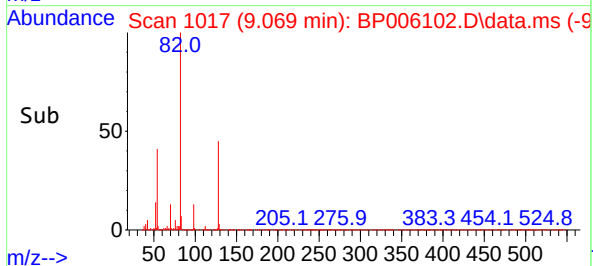
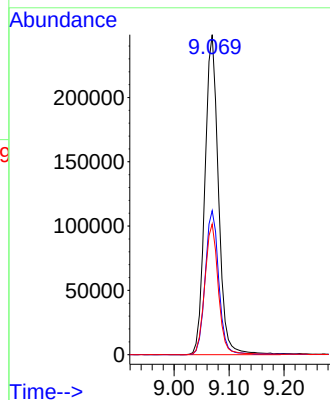
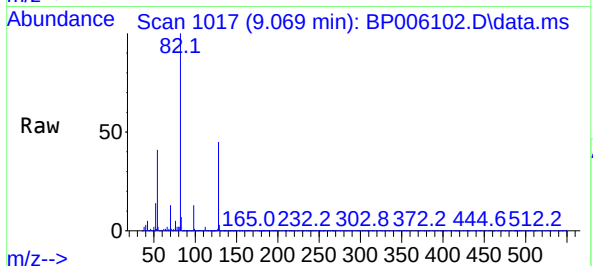
#23
Nitrobenzene-d5
Concen: 60.413 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Instrument :
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Tgt Ion: 82 Resp: 425626
Ion Ratio Lower Upper
82 100
128 45.0 35.7 53.5
54 40.9 35.0 52.4

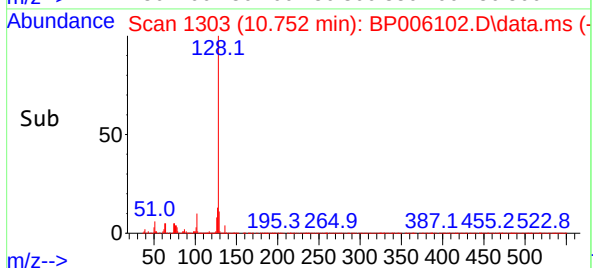
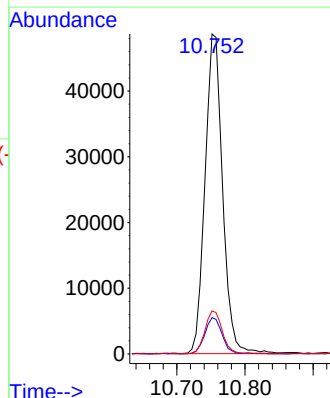
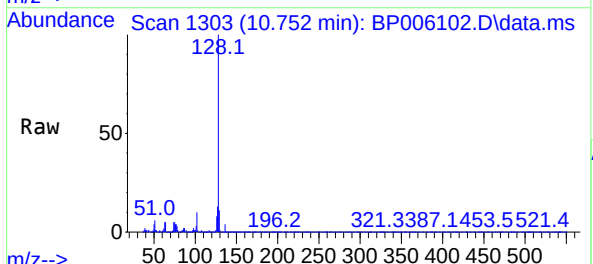
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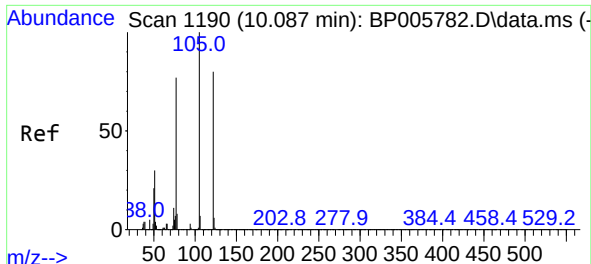
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#31
Naphthalene
Concen: 4.366 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

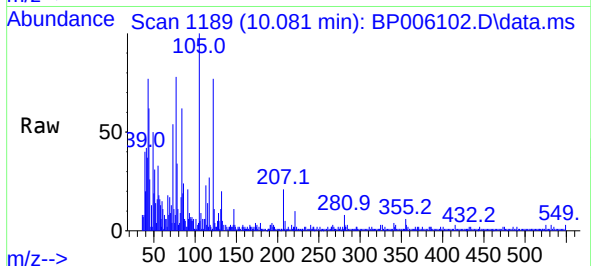
Tgt Ion: 128 Resp: 87246
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.7 16.1





#32
Benzoic acid
Concen: 6.997 ng m
RT: 10.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

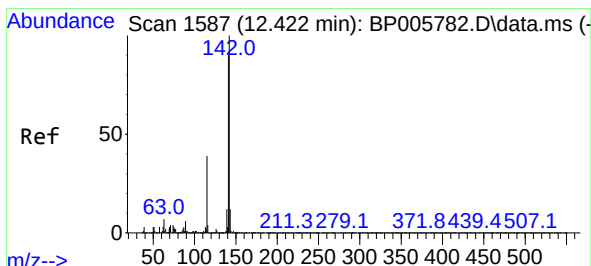
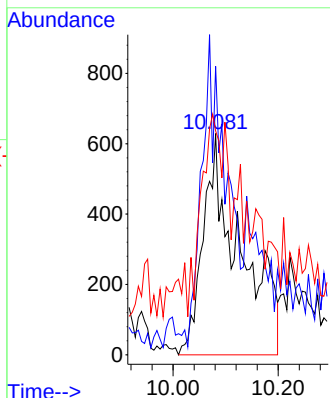
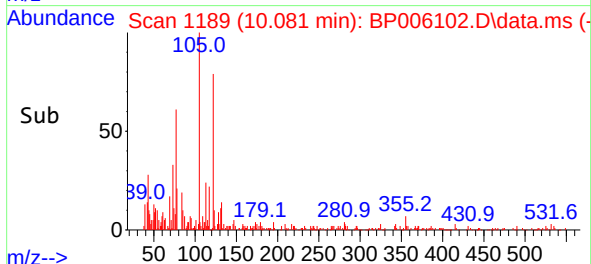
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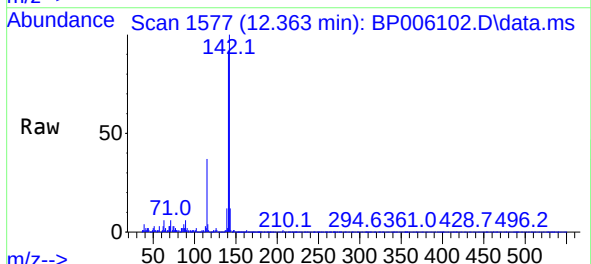
Tgt Ion:122 Resp: 3042
Ion Ratio Lower Upper
122 100
105 130.4 103.2 143.2
77 101.1 76.2 116.2

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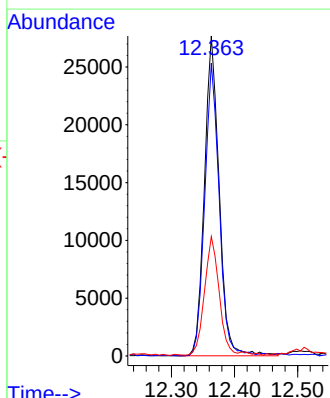
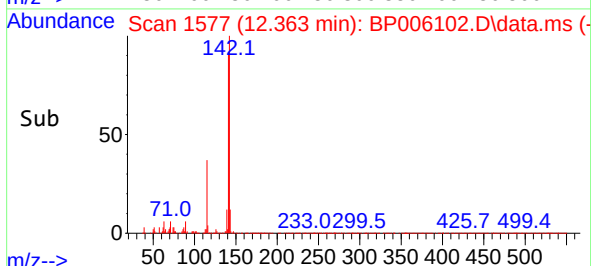
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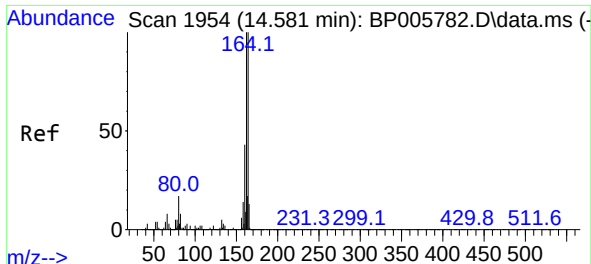


#37
2-Methylnaphthalene
Concen: 3.157 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27



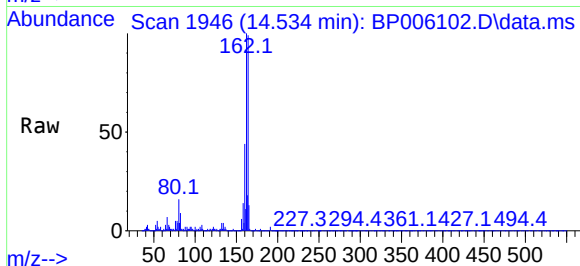
Tgt Ion:142 Resp: 44926
Ion Ratio Lower Upper
142 100
141 91.5 71.8 107.6
115 37.3 31.6 47.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

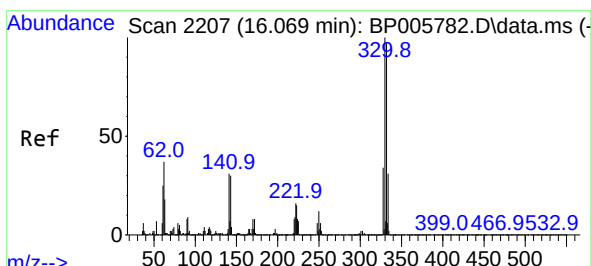
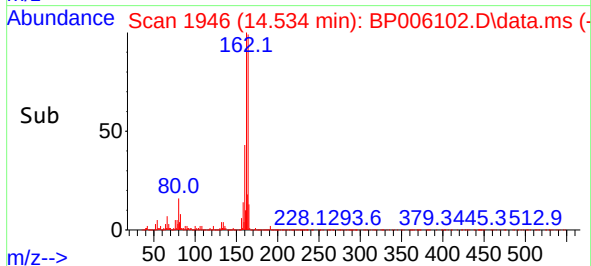
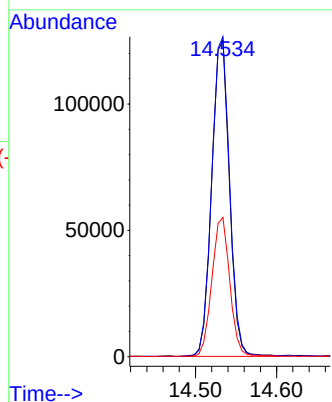
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41547



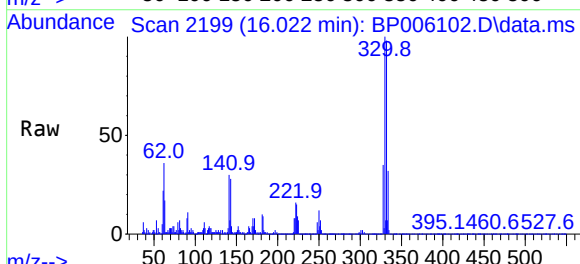
Tgt Ion:164 Resp: 189734
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 44.0 34.5 51.7

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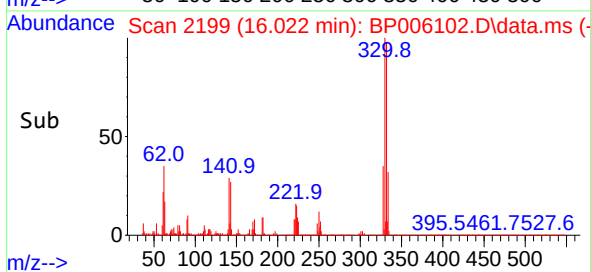
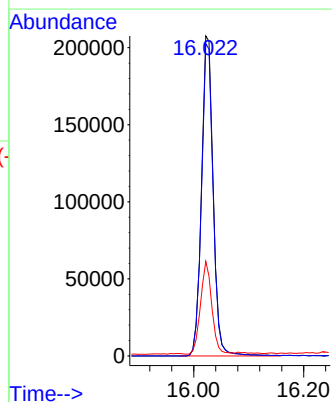
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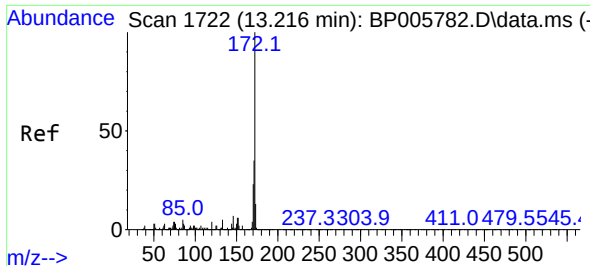


#42
2,4,6-Tribromophenol
Concen: 94.321 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27



Tgt Ion:330 Resp: 307106
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 28.0 25.4 38.2





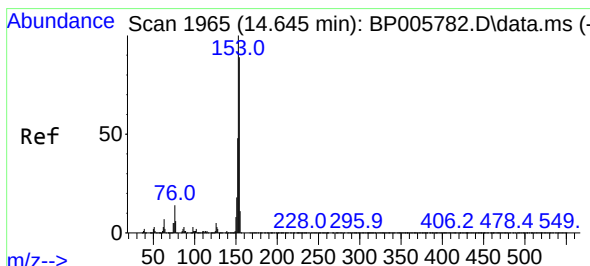
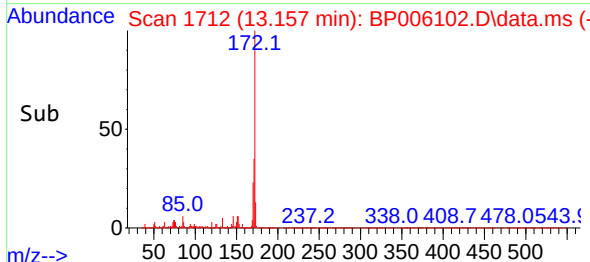
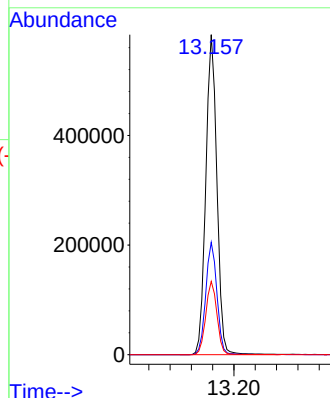
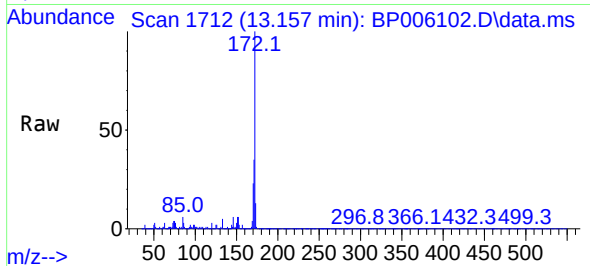
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2-Fluorobiphenyl
Concen: 58.344 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Tgt Ion:172	Resp: 843013
Ion Ratio	Lower Upper
172 100	
171 35.1	27.9 41.9
170 22.9	18.6 27.8

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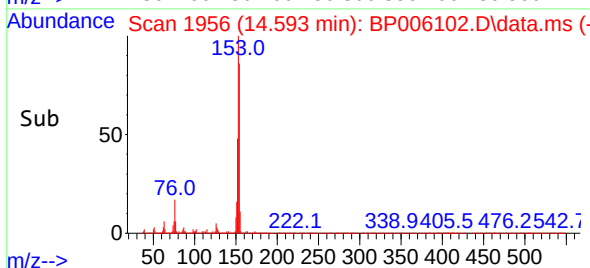
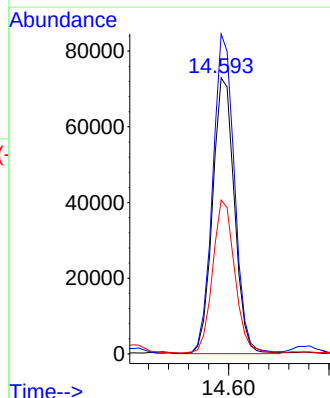
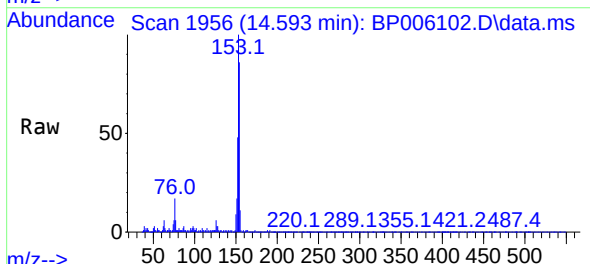
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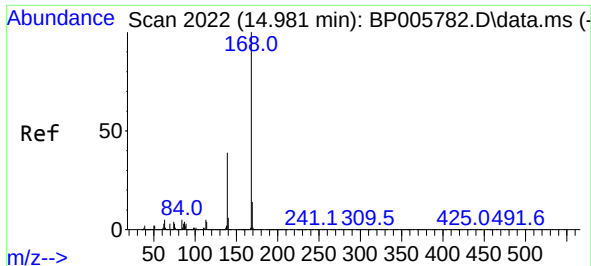
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#52
Acenaphthene
Concen: 9.459 ng
RT: 14.593 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

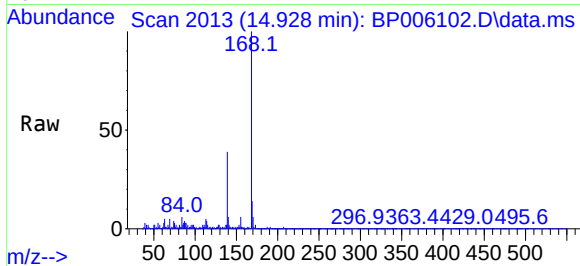
Tgt Ion:154	Resp: 110088		
Ion Ratio	Lower	Upper	
154	100		
153	115.9	89.4	134.2
152	55.7	43.0	64.4





#55
Dibenzenofuran
Concen: 7.316 ng
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

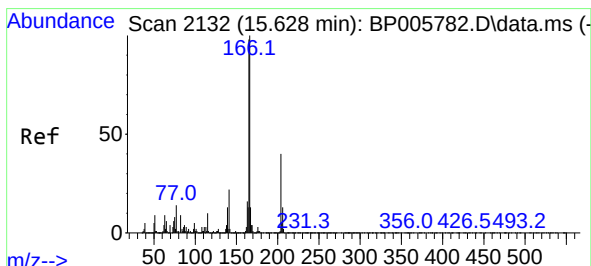
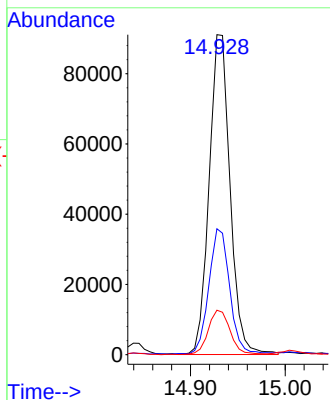
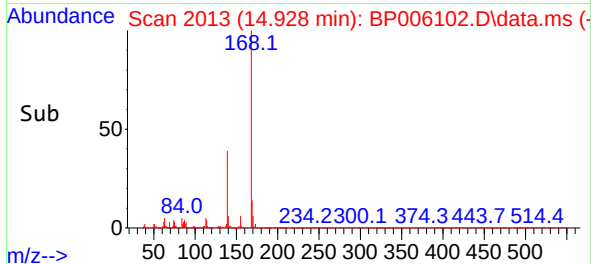
Instrument :
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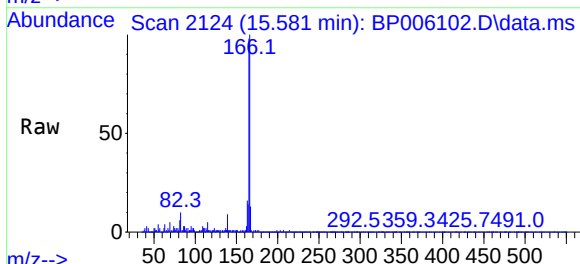
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Ion Ratio Lower Upper
168 100
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169 13.9 10.8 16.2

Manual Integrations
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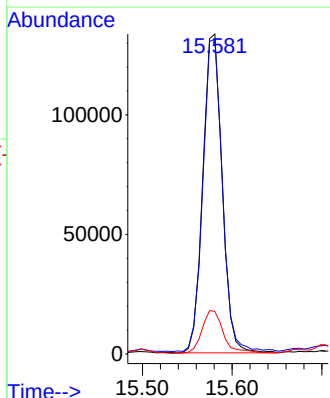
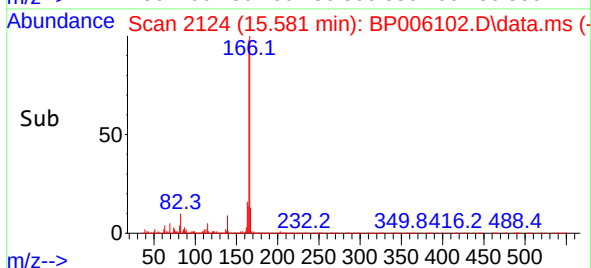
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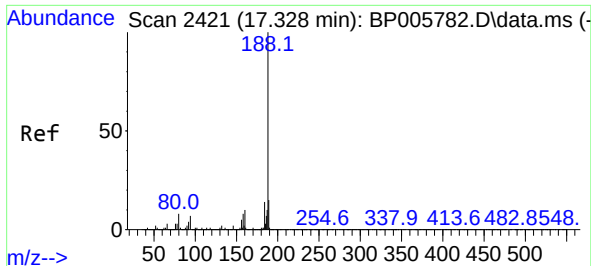


#58
Fluorene
Concen: 13.348 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27



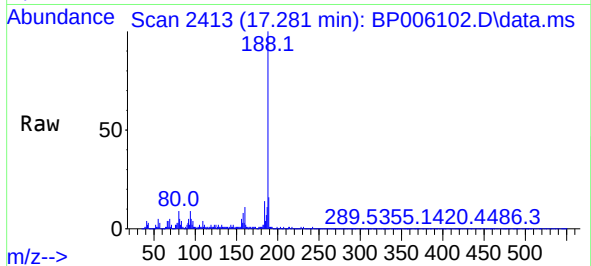
Tgt Ion:166 Resp: 199059
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 13.3 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

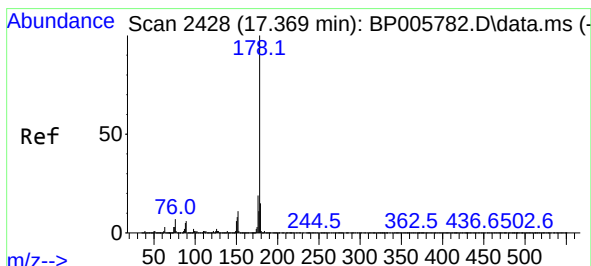
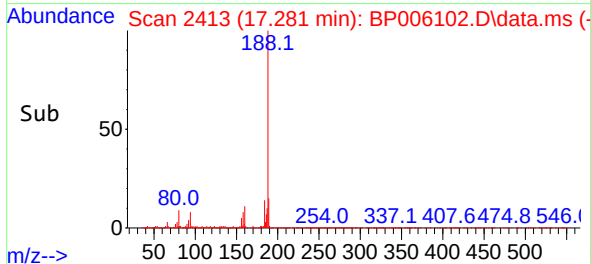
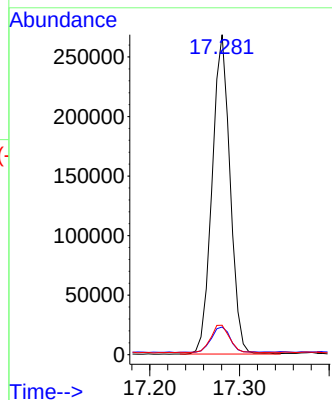
Instrument :
BNA_P
ClientSampled :
41547



Tgt Ion:188 Resp: 373095
Ion Ratio Lower Upper
188 100
94 8.7 5.6 8.4#
80 9.2 6.3 9.5

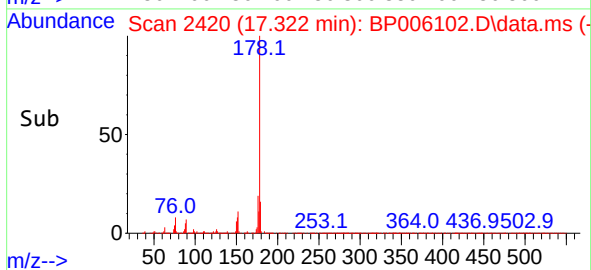
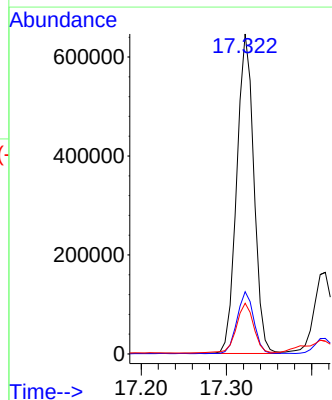
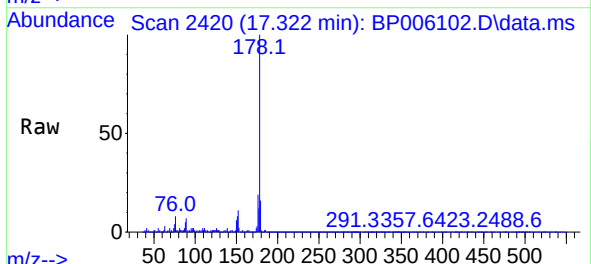
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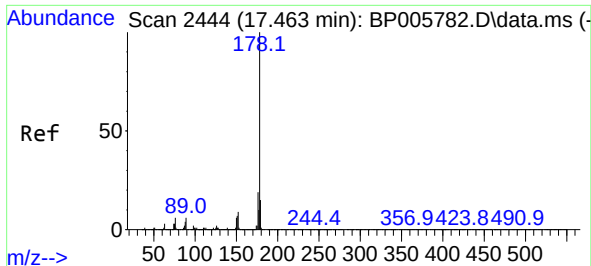
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#71
Phenanthrene
Concen: 40.214 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

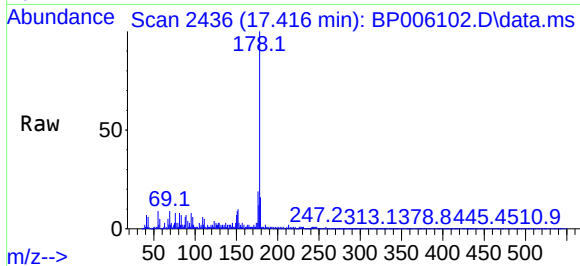
Tgt Ion:178 Resp: 901037
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.9 12.4 18.6





#72
 Anthracene
 Concen: 10.841 ng
 RT: 17.416 min Scan# 2436
 Delta R.T. 0.000 min
 Lab File: BP006102.D
 Acq: 29 Jun 2021 21:27

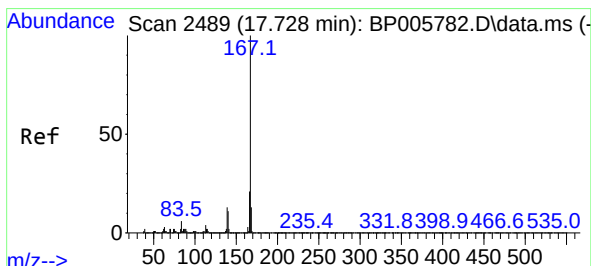
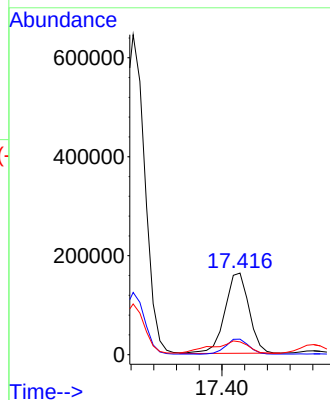
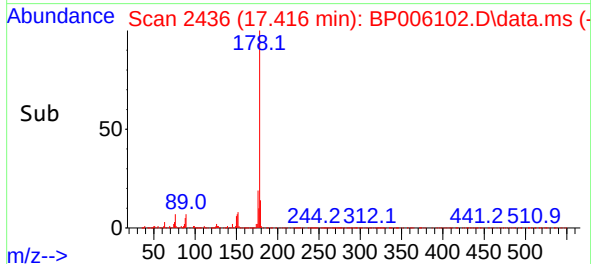
Instrument :
 BNA_P
 ClientSampled :
 41547



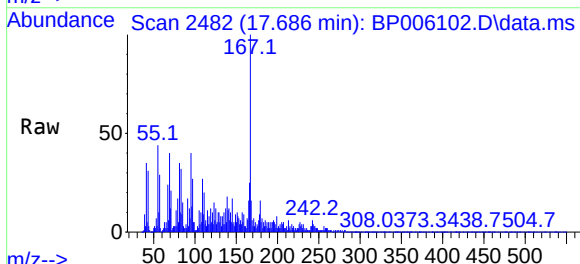
Tgt Ion:178 Resp: 239059
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.9 22.3
 179 15.8 12.2 18.2

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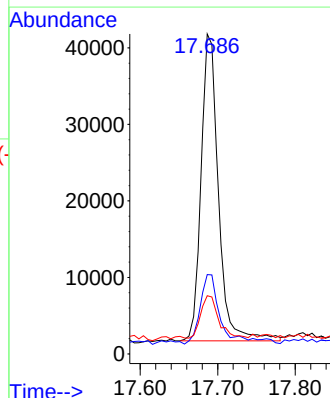
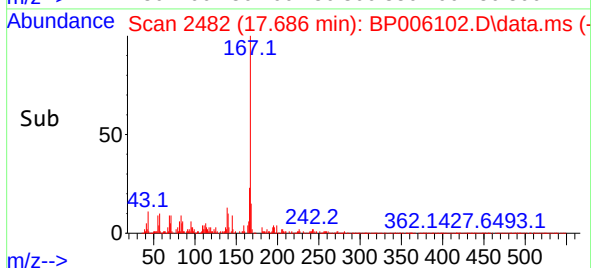
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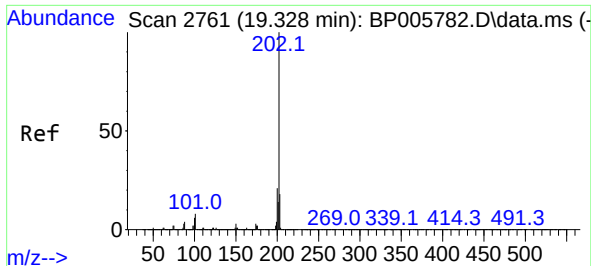


#73
 Carbazole
 Concen: 2.951 ng
 RT: 17.686 min Scan# 2482
 Delta R.T. -0.006 min
 Lab File: BP006102.D
 Acq: 29 Jun 2021 21:27



Tgt Ion:167 Resp: 62483
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.1 25.7
 139 18.2 10.7 16.1#



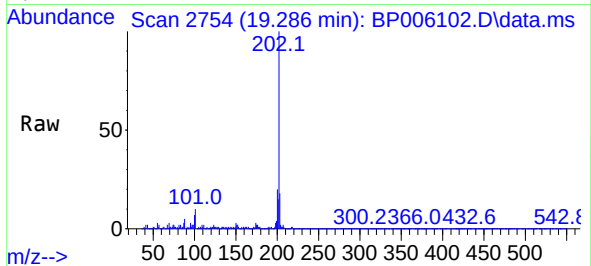


#75
Fluoranthene
Concen: 25.304 ng
RT: 19.286 min Scan# 2754
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

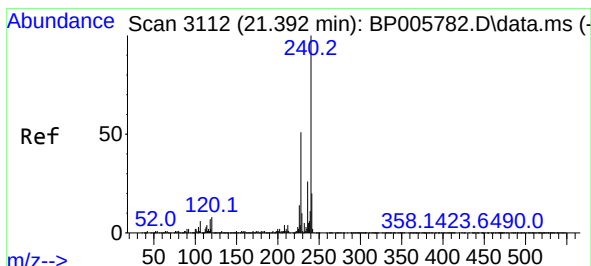
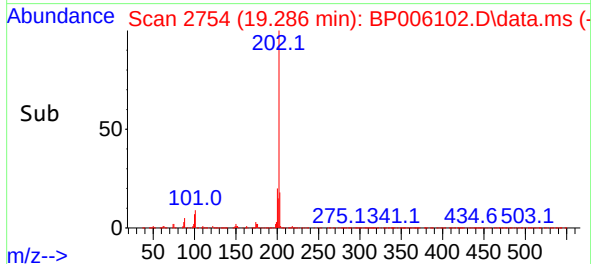
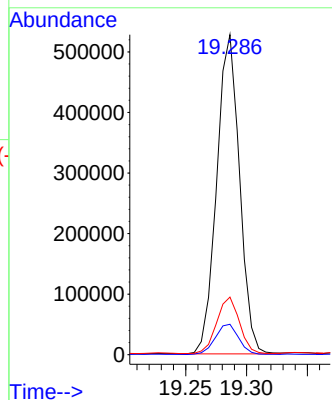
Instrument :
BNA_P
ClientSampled :
41547

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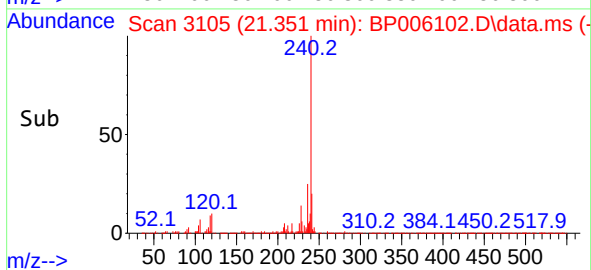
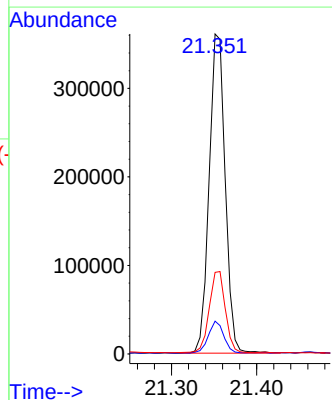
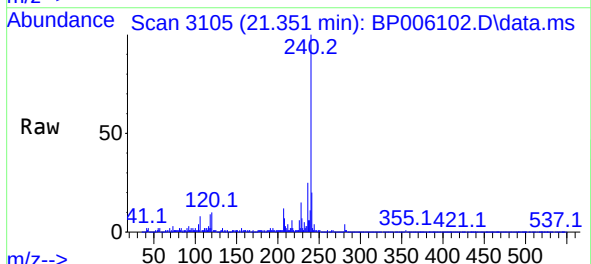


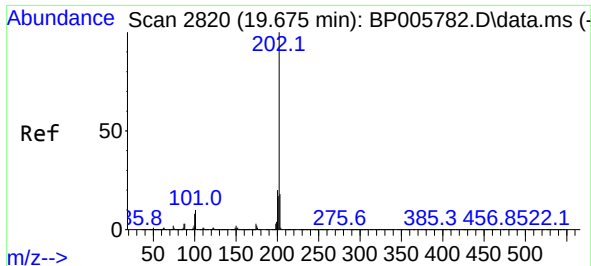
Tgt Ion:202 Resp: 688527
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.6
203 18.0 0.0 37.8



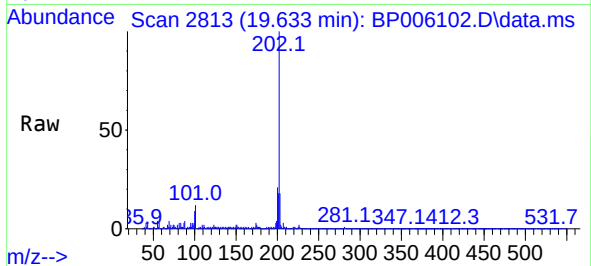
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Tgt Ion:240 Resp: 472521
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 25.5 20.6 31.0

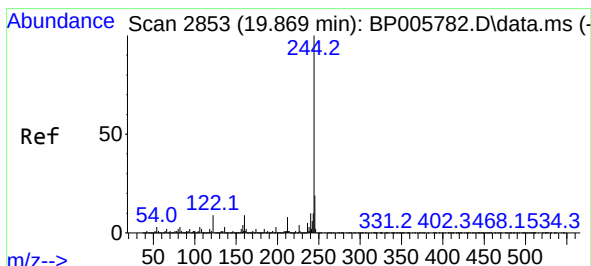
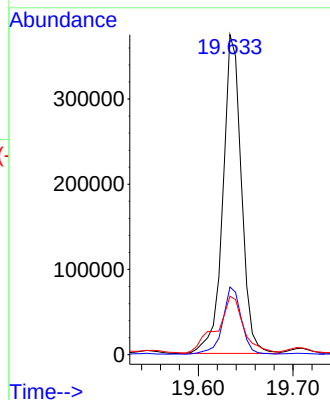
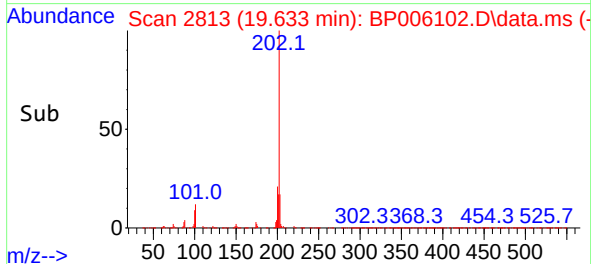




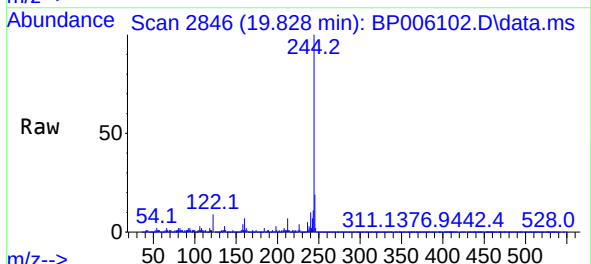
#78
Pyrene
Concen: 15.386 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27



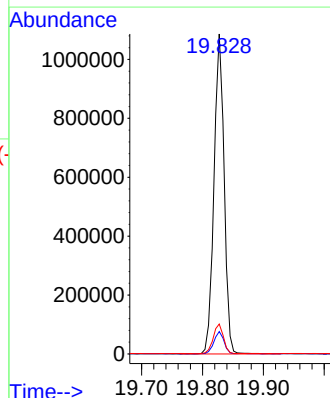
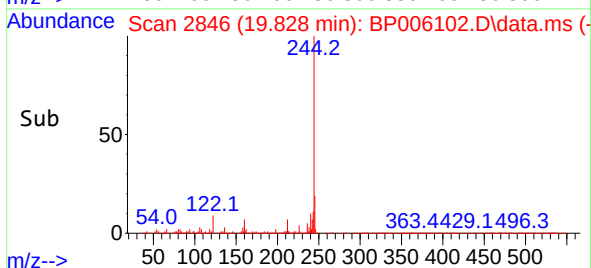
Tgt Ion:202 Resp: 507536
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 18.3 14.2 21.2



#79
Terphenyl-d14
Concen: 49.687 ng
RT: 19.828 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27



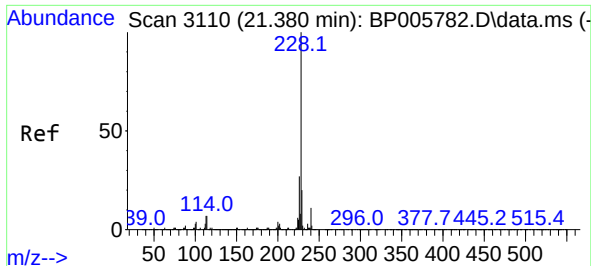
Tgt Ion:244 Resp: 1253850
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.3 7.1 10.7



Instrument :
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ClientSampleId :
41547

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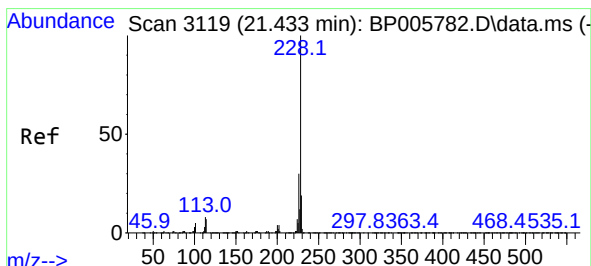
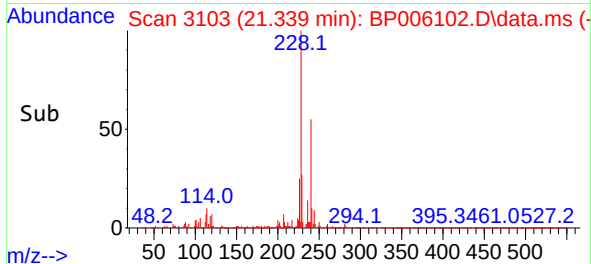
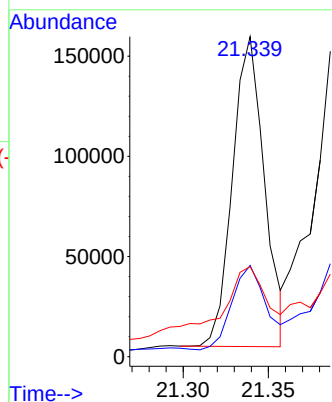
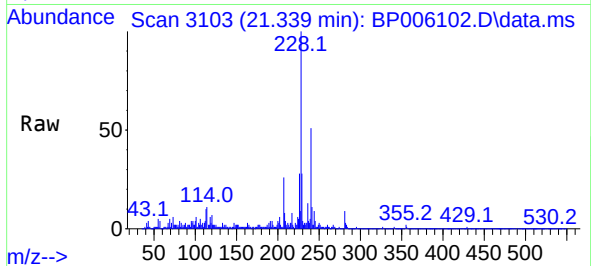
#81
Benzo(a)anthracene
Concen: 5.895 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Tgt Ion:228 Resp: 201080
Ion Ratio Lower Upper
228 100
226 28.5 21.6 32.4
229 28.2 15.8 23.6#

Instrument :
BNA_P
ClientSampleId :
41547

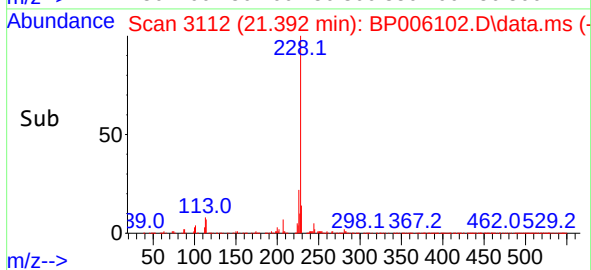
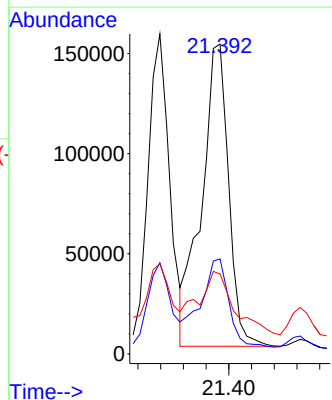
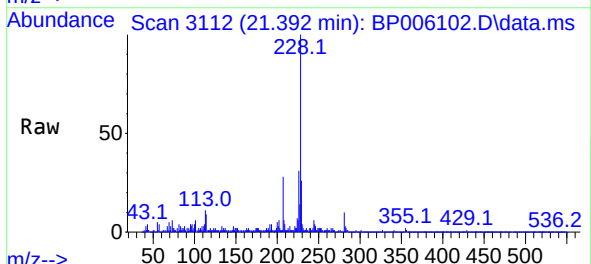
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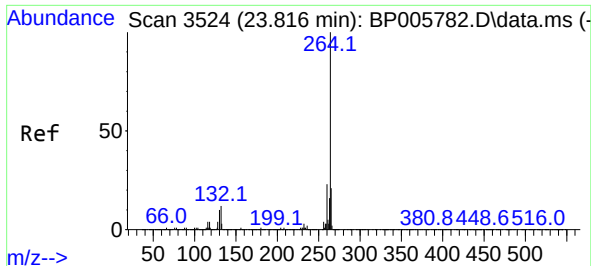
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#83
Chrysene
Concen: 7.591 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Tgt Ion:228 Resp: 250768
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 25.8 15.4 23.2#





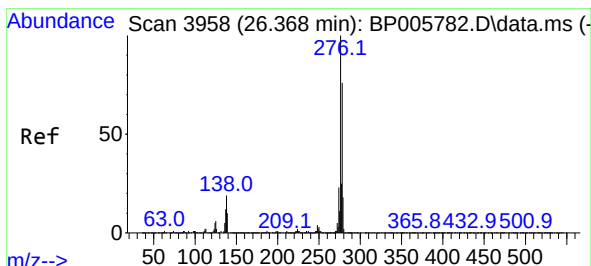
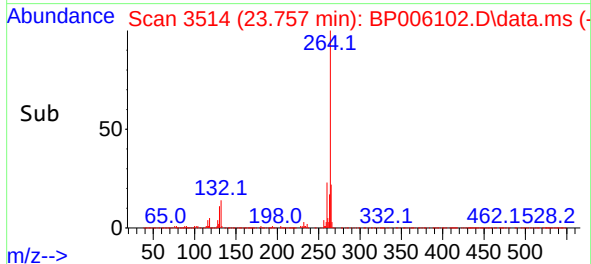
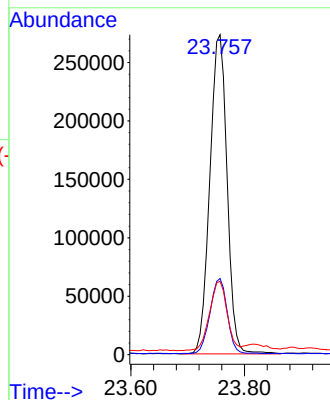
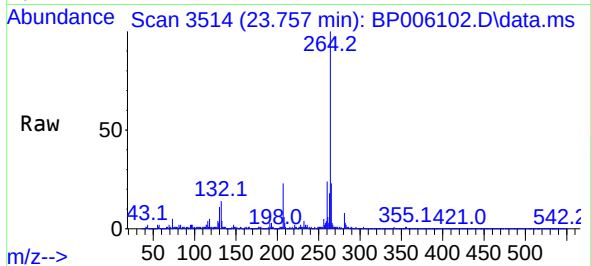
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Tgt Ion: 264 Resp: 574290
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 23.0 17.6 26.4

Instrument :
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ClientSampled :
41547

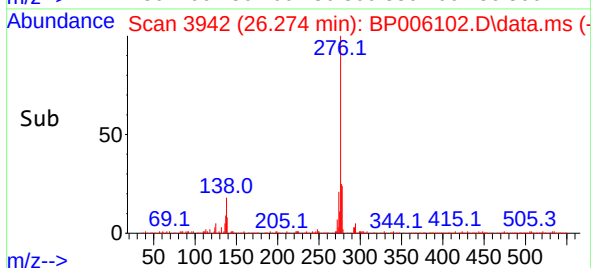
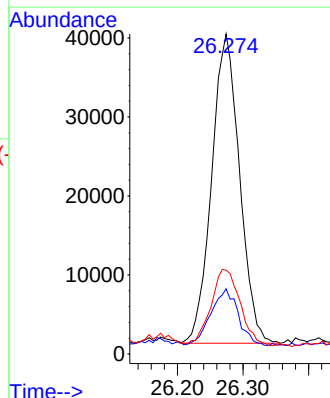
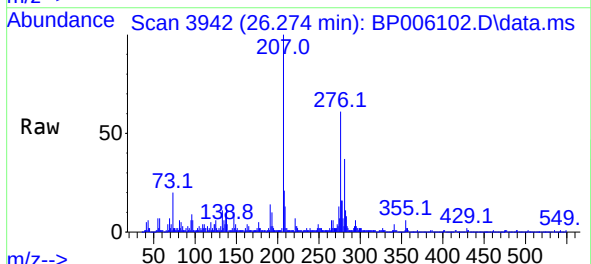
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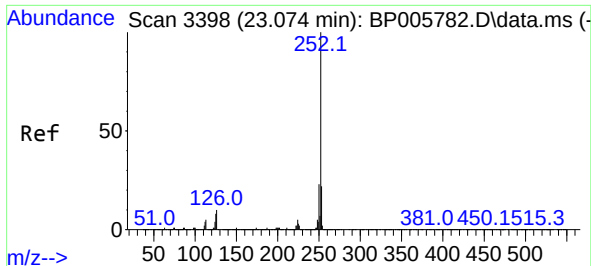
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.355 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.018 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

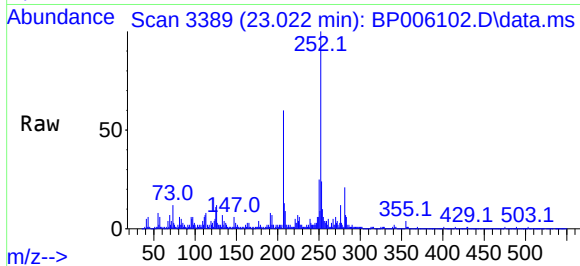
Tgt Ion: 276 Resp: 115633
Ion Ratio Lower Upper
276 100
138 18.0 15.3 22.9
277 25.8 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 5.909 ng
RT: 23.022 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

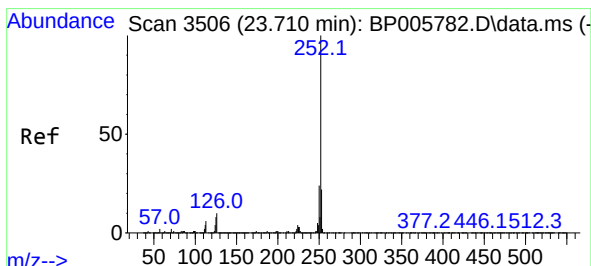
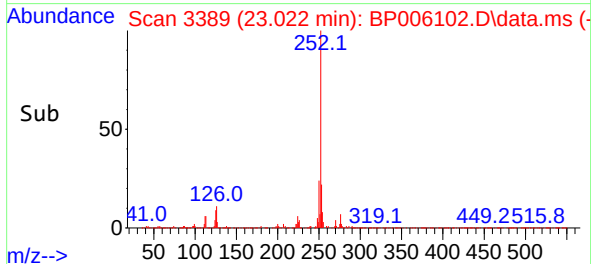
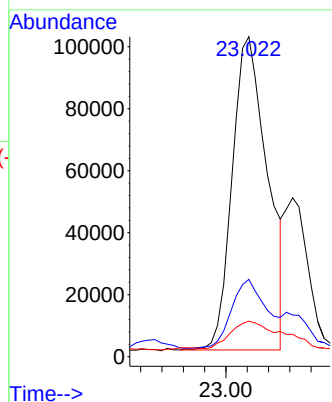
Instrument :
BNA_P
ClientSampleId :
41547



Tgt Ion:252 Resp: 232405
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 11.1 6.2 9.4#

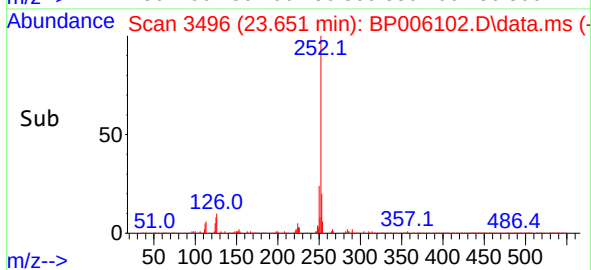
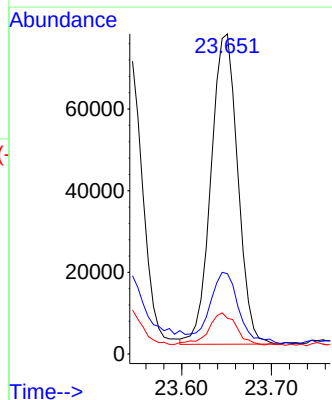
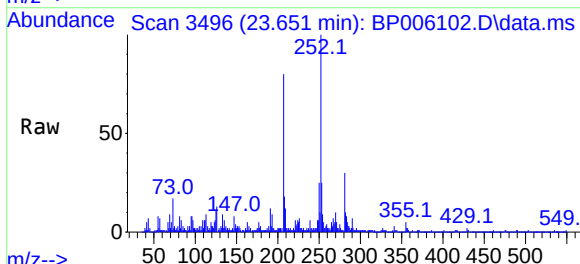
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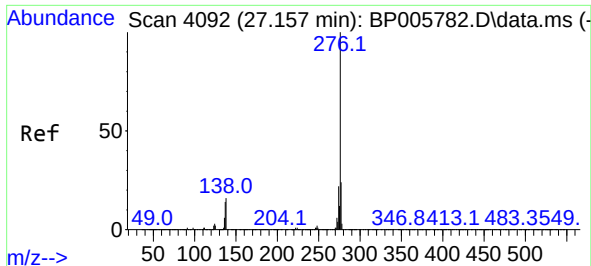
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#90
Benzo(a)pyrene
Concen: 4.255 ng
RT: 23.651 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

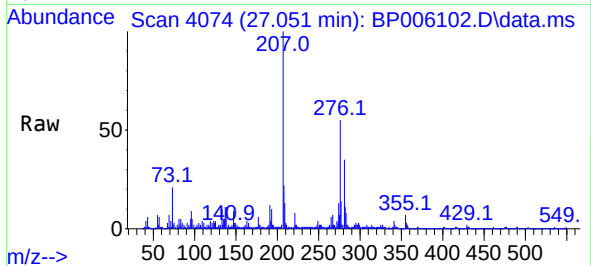
Tgt Ion:252 Resp: 157351
Ion Ratio Lower Upper
252 100
253 25.1 17.9 26.9
125 11.2 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 3.070 ng
RT: 27.051 min Scan# 4074
Delta R.T. -0.012 min
Lab File: BP006102.D
Acq: 29 Jun 2021 21:27

Instrument :
BNA_P
ClientSampleId :
41547



Tgt Ion:276 Resp: 128186
Ion Ratio Lower Upper
276 100
277 25.0 18.9 28.3
138 19.9 12.6 18.8#

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