

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
 Data File : BP006064.D
 Acq On : 24 Jun 2021 21:27
 Operator : CG/JU
 Sample : M2812-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 356-349

Manual Integrations
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Quant Time: Jun 25 01:12:14 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	75777	20.000	ng	-0.01
21) Naphthalene-d8	10.716	136	299393	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	189191	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	370973	20.000	ng	0.00
76) Chrysene-d12	21.363	240	415094	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	484460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	174416	36.934	ng	0.00
7) Phenol-d6	7.093	99	215737	35.246	ng	0.00
23) Nitrobenzene-d5	9.075	82	130729	21.408	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	112824	34.751	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	301855	20.951	ng	0.00
79) Terphenyl-d14	19.833	244	490519	22.127	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.769	128	3360278	193.981	ng	100
37) 2-Methylnaphthalene	12.375	142	1510605	122.480	ng	99
38) 1-Methylnaphthalene	12.593	142	858982	73.939	ng	99
46) 1,1'-Biphenyl	13.375	154	504631	33.082	ng	99
49) Acenaphthylene	14.263	152	159260	8.334	ng	# 93
52) Acenaphthene	14.610	154	1266116	109.099	ng	99
55) Dibenzofuran	14.940	168	1733836	90.848	ng	98
58) Fluorene	15.592	166	1743161	117.225	ng	99
71) Phenanthrene	17.345	178	6445463	289.313	ng	99
72) Anthracene	17.428	178	2601476	118.646	ng	99
73) Carbazole	17.698	167	584575	27.769	ng	98
75) Fluoranthene	19.304	202	3761813	139.040	ng	99
78) Pyrene	19.651	202	2914090	100.561	ng	99
81) Benzo(a)anthracene	21.351	228	1005374	33.553	ng	98
83) Chrysene	21.398	228	952504	32.820	ng	97
87) Indeno(1,2,3-cd)pyrene	26.298	276	453772	10.953	ng	98
88) Benzo(b)fluoranthene	23.033	252	1000118m	30.141	ng	
89) Benzo(k)fluoranthene	23.074	252	365132m	11.348	ng	
90) Benzo(a)pyrene	23.663	252	730598	23.420	ng	98
91) Dibenzo(a,h)anthracene	26.298	278	124438	3.490	ng	# 85
92) Benzo(g,h,i)perylene	27.074	276	441016	12.520	ng	97

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

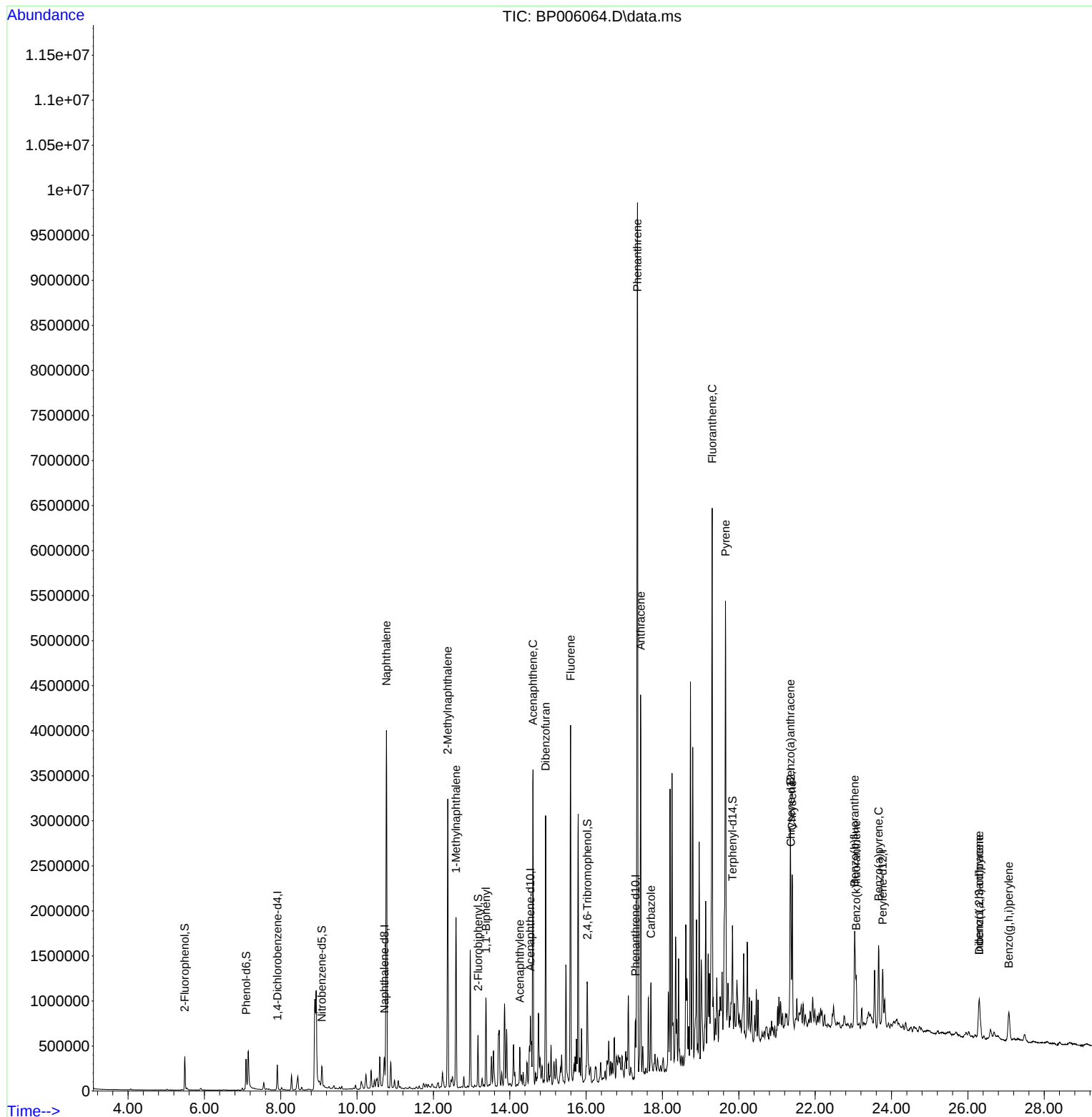
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Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

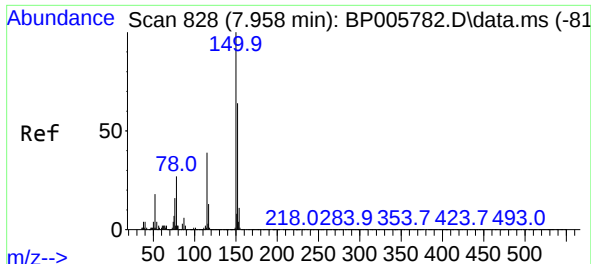
Instrument :
BNA_P
ClientSampleId :
356-349

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Quant Time: Jun 25 01:12:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
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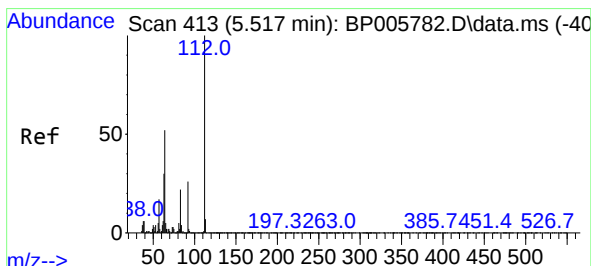
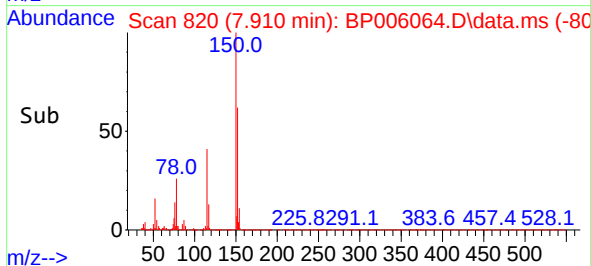
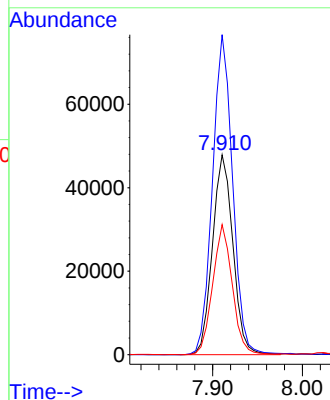
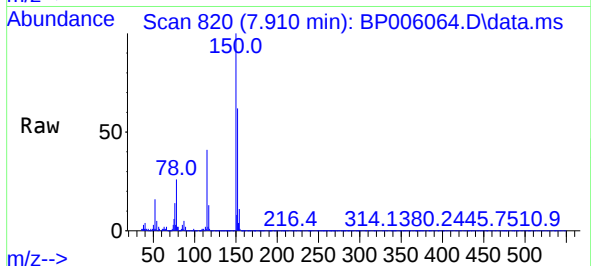
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion:152 Resp: 75777
Ion Ratio Lower Upper
152 100
150 160.1 125.6 188.4
115 65.1 48.5 72.7

Instrument :
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ClientSampleId :
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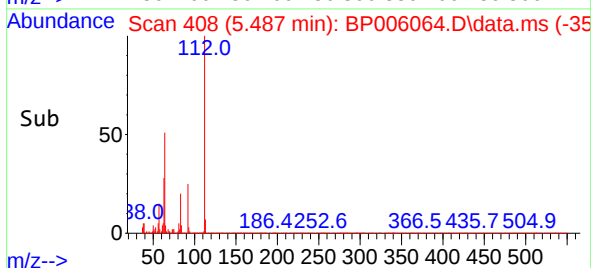
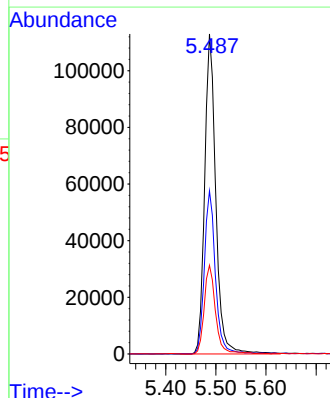
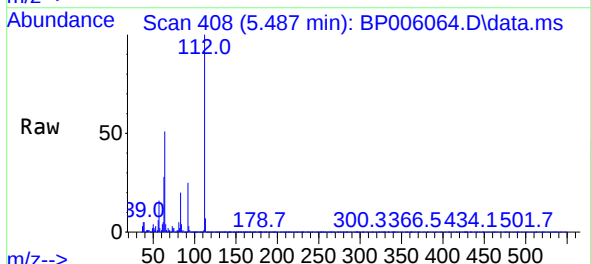
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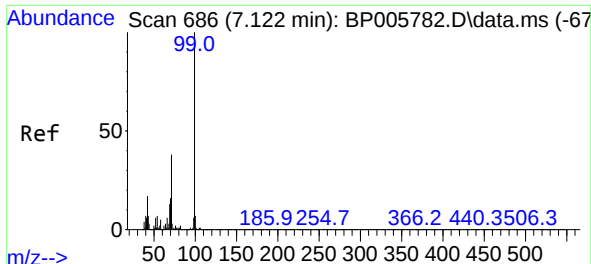
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#5
2-Fluorophenol
Concen: 36.934 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion:112 Resp: 174416
Ion Ratio Lower Upper
112 100
64 50.9 41.4 62.2
63 27.7 23.8 35.8





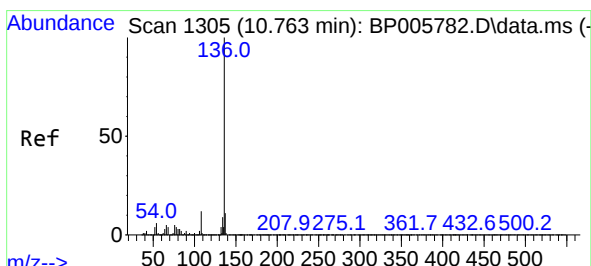
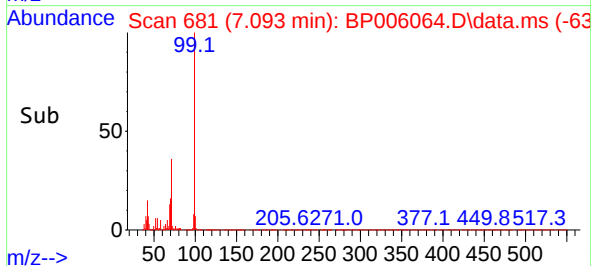
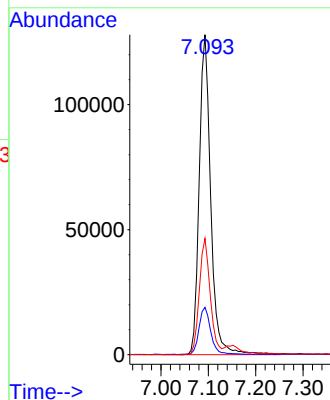
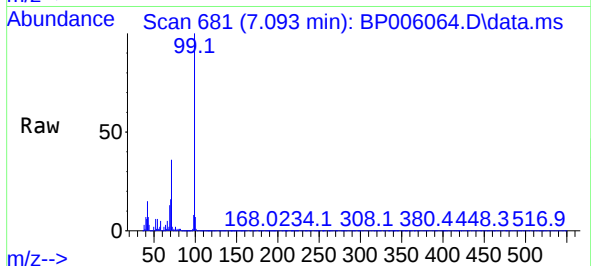
#7
Phenol-d6
Concen: 35.246 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion: 99 Resp: 215737
Ion Ratio Lower Upper
99 100
42 14.8 13.4 20.0
71 36.4 30.6 46.0

Instrument :
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ClientSampleId :
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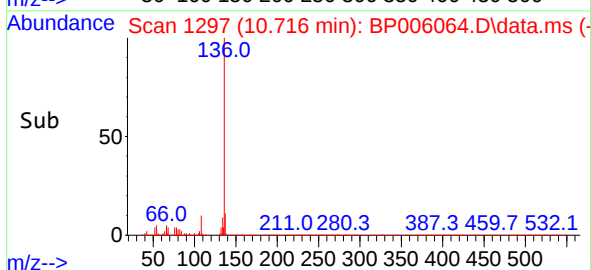
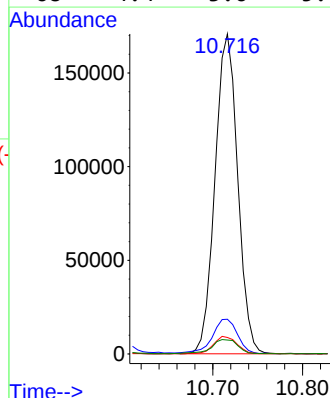
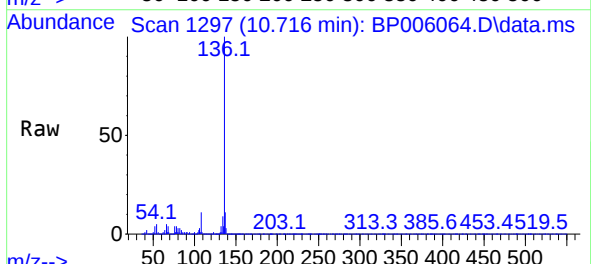
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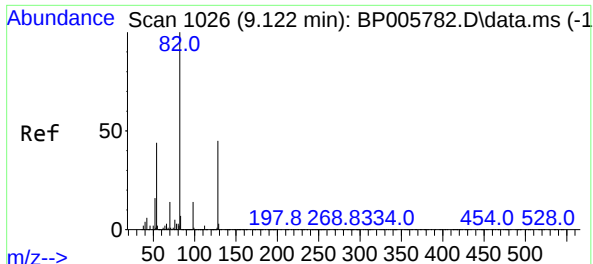
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion: 136 Resp: 299393
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 5.1 4.6 6.8
68 4.4 3.6 5.4





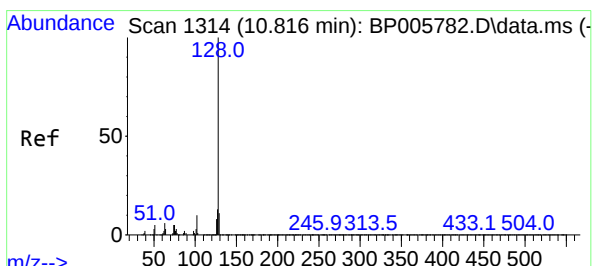
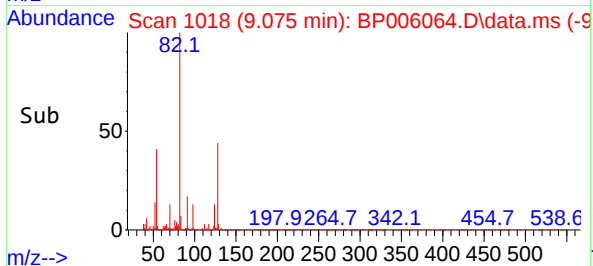
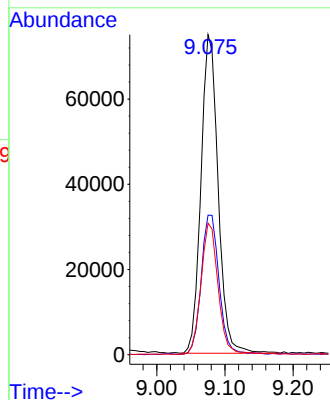
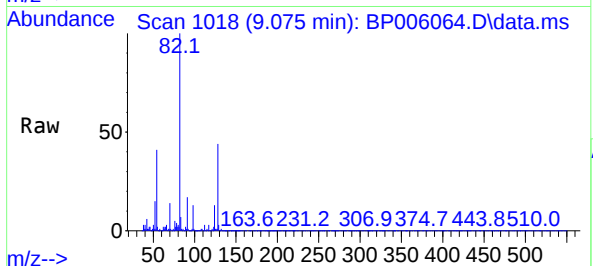
#23
Nitrobenzene-d5
Concen: 21.408 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 82 Resp: 130729
Ion Ratio Lower Upper
82 100
128 43.6 35.7 53.5
54 41.1 35.0 52.4

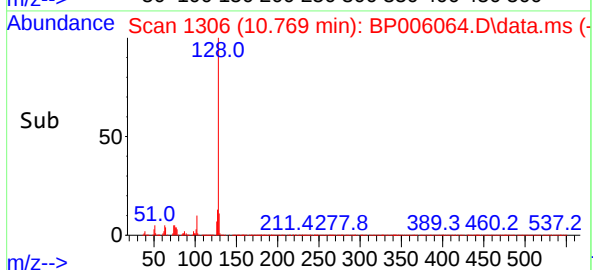
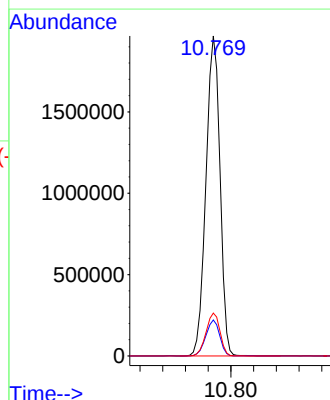
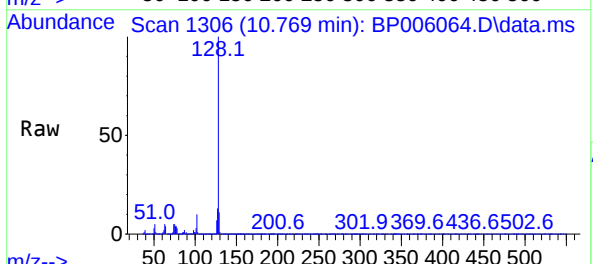
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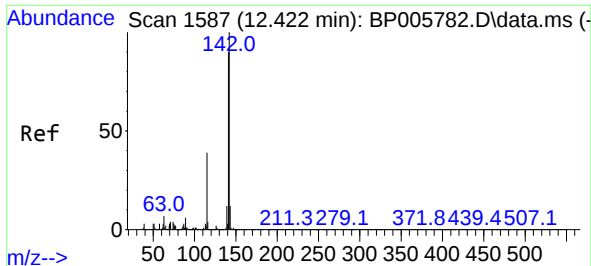
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#31
Naphthalene
Concen: 193.981 ng
RT: 10.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

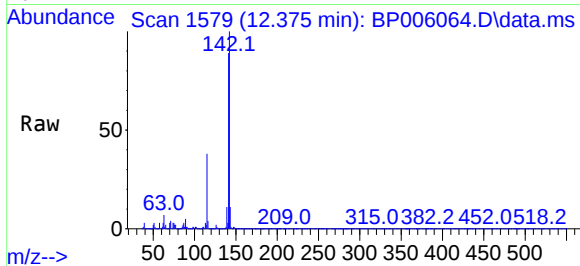
Tgt Ion: 128 Resp: 3360278
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.7 16.1





#37
2-Methylnaphthalene
Concen: 122.480 ng
RT: 12.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

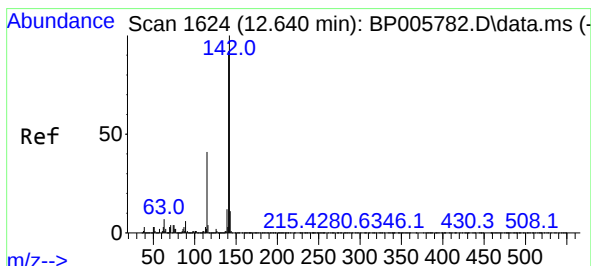
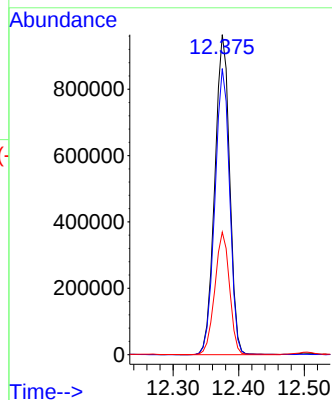
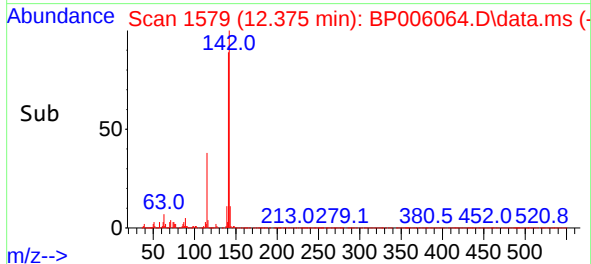
Instrument :
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ClientSampleId :
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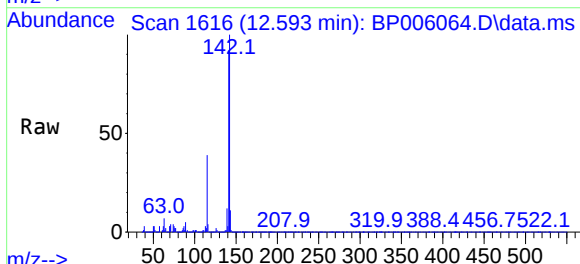
Tgt Ion:142 Resp: 1510605
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.6
115 38.3 31.6 47.4

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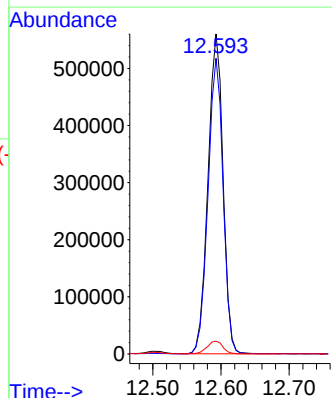
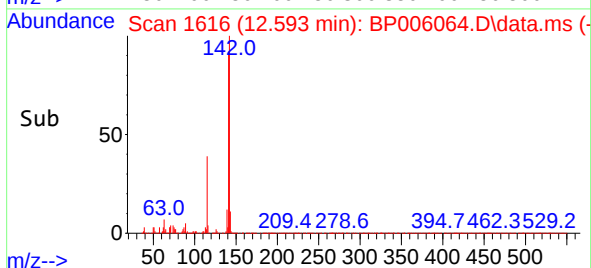
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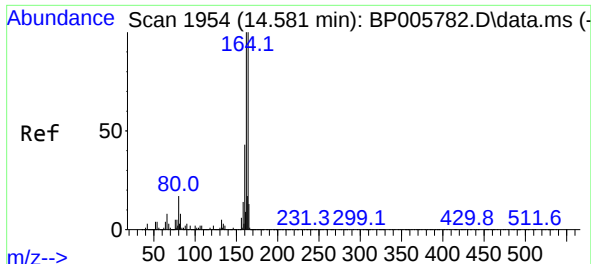


#38
1-Methylnaphthalene
Concen: 73.939 ng
RT: 12.593 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27



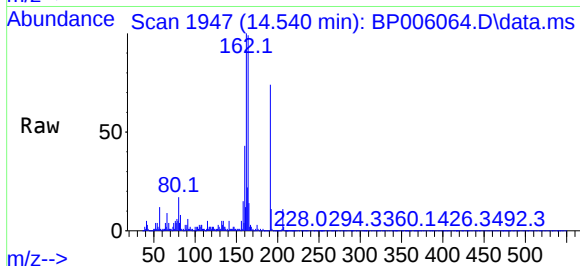
Tgt Ion:142 Resp: 858982
Ion Ratio Lower Upper
142 100
141 92.4 73.3 109.9
116 4.0 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

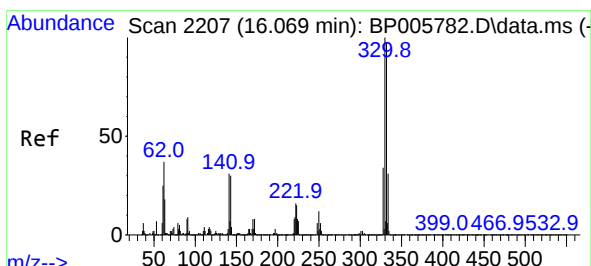
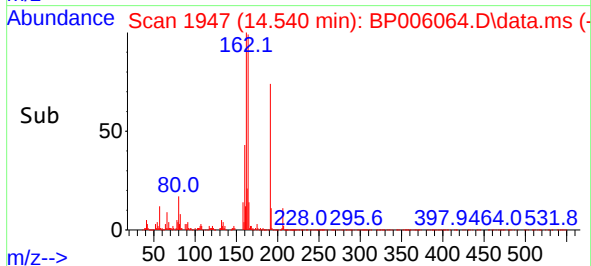
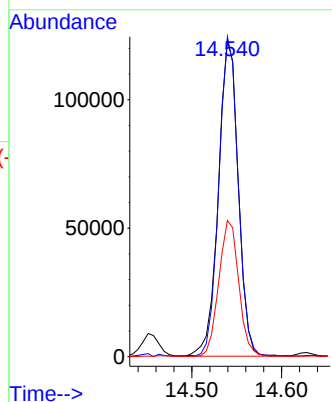
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:164 Resp: 189191
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 43.1 34.5 51.7

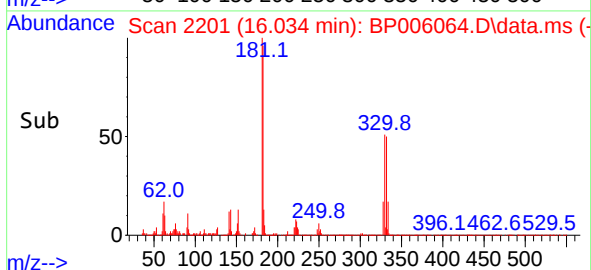
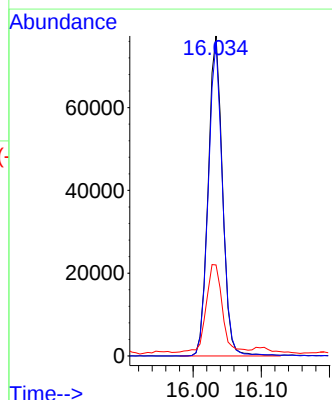
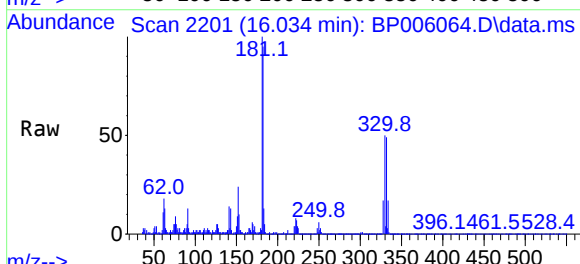
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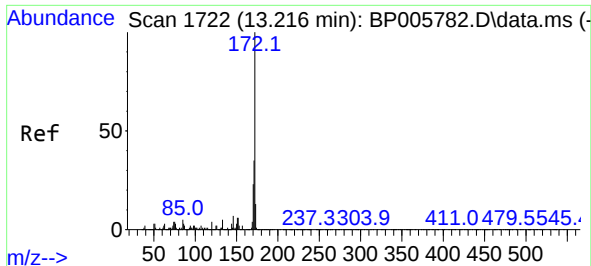
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#42
2,4,6-Tribromophenol
Concen: 34.751 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion:330 Resp: 112824
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 30.8 25.4 38.2





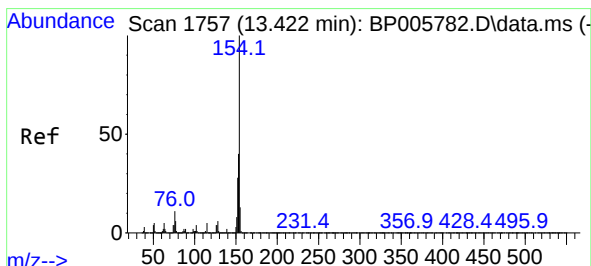
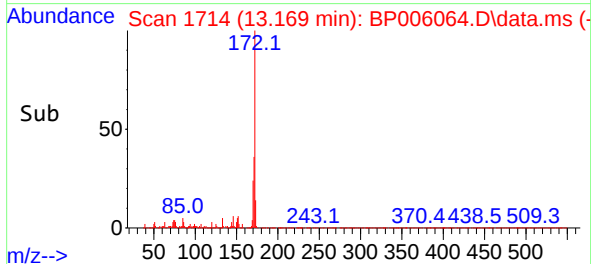
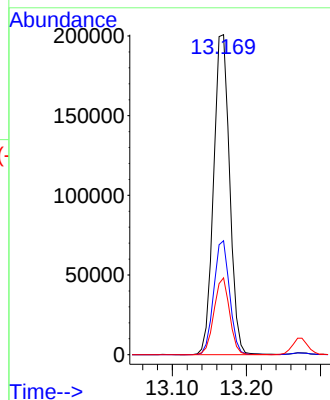
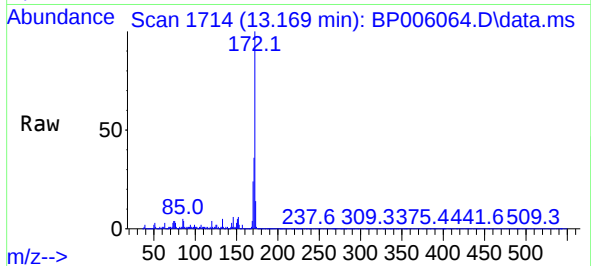
#45
2-Fluorobiphenyl
Concen: 20.951 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion:172 Resp: 301855
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.0 18.6 27.8

Instrument :
BNA_P
ClientSampleId :
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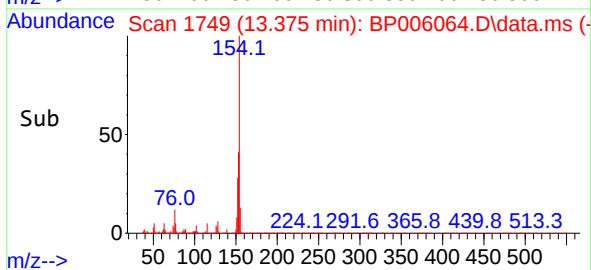
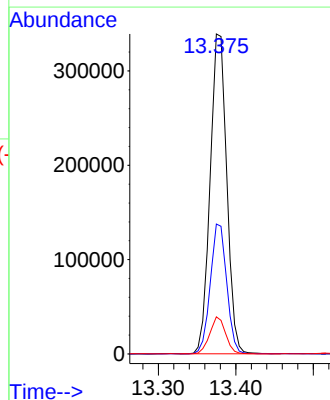
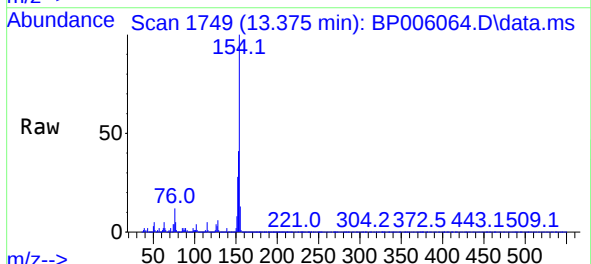
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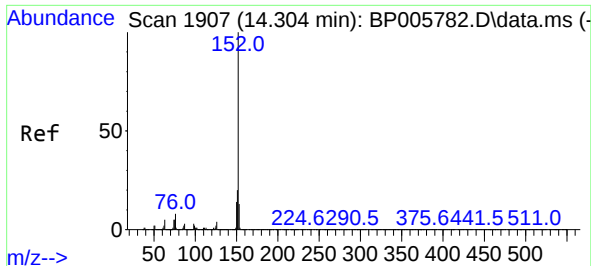
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#46
1,1'-Biphenyl
Concen: 33.082 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion:154 Resp: 504631
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.6 0.0 30.8





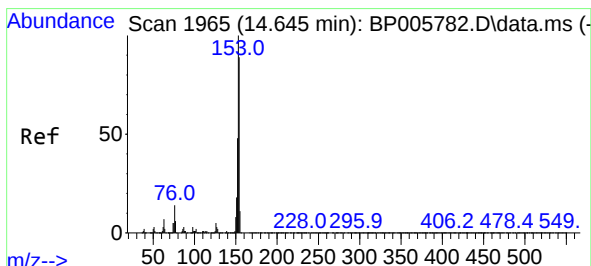
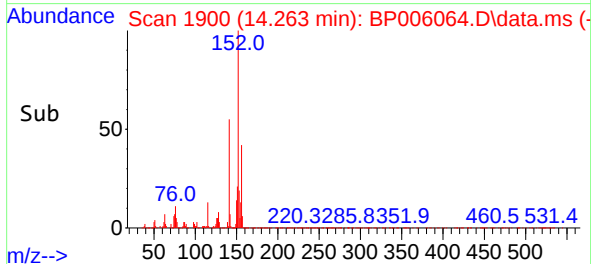
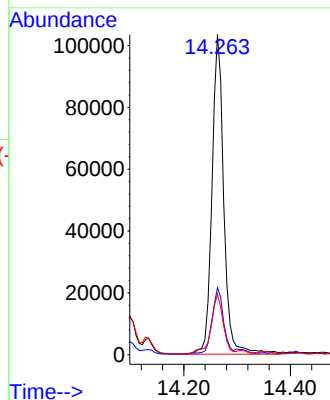
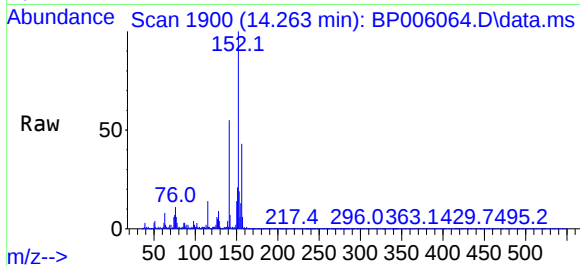
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Acenaphthylene
Concen: 8.334 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion:152 Resp: 159260
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 19.0 10.6 16.0#

Instrument :
BNA_P
ClientSampleId :
356-349

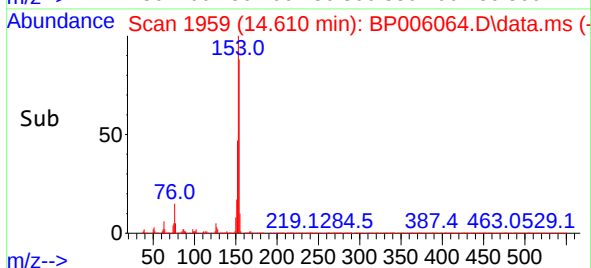
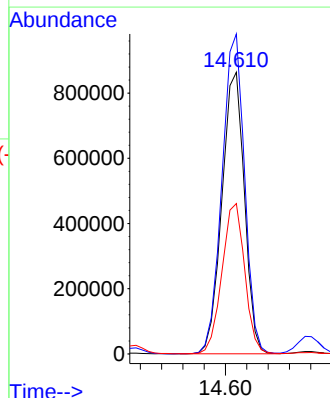
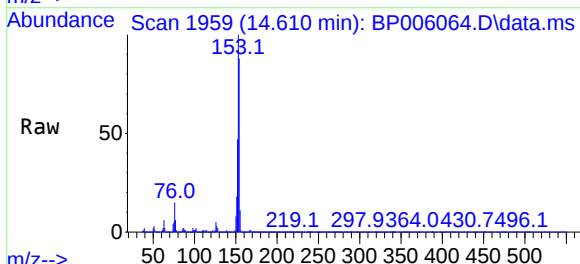
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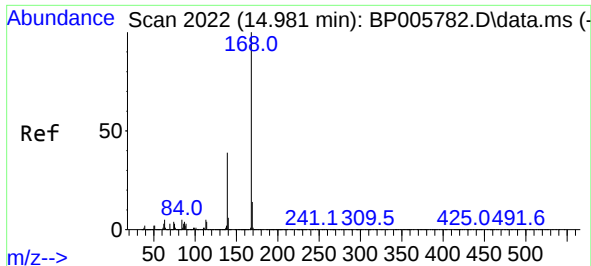
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#52
Acenaphthene
Concen: 109.099 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion:154 Resp: 1266116
Ion Ratio Lower Upper
154 100
153 113.6 89.4 134.2
152 53.4 43.0 64.4



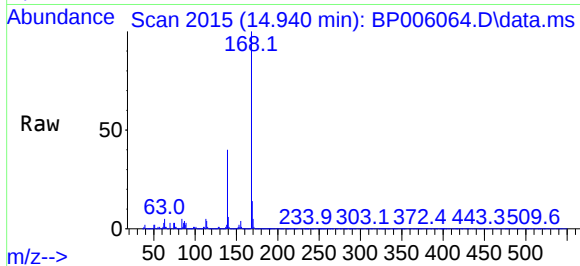


#55
Dibenzenofuran
Concen: 90.848 ng
RT: 14.940 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

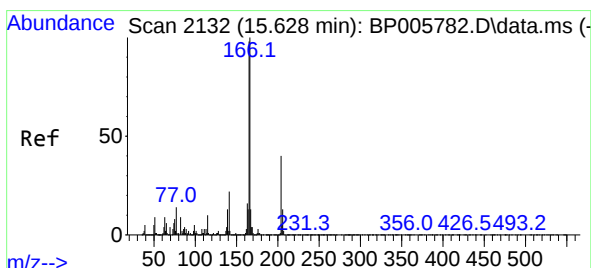
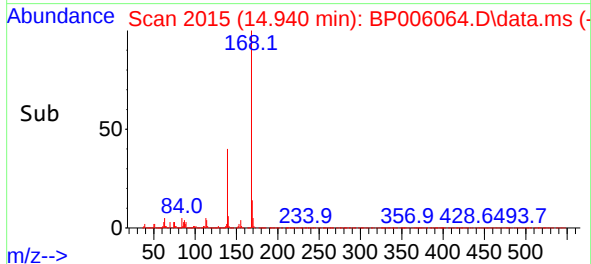
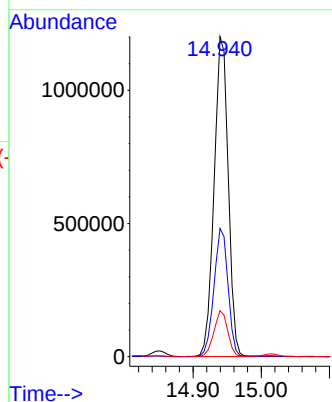
Instrument :
BNA_P
ClientSampleId :
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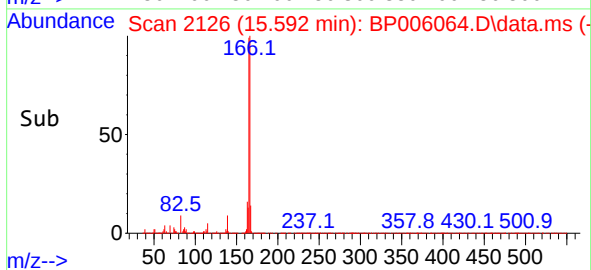
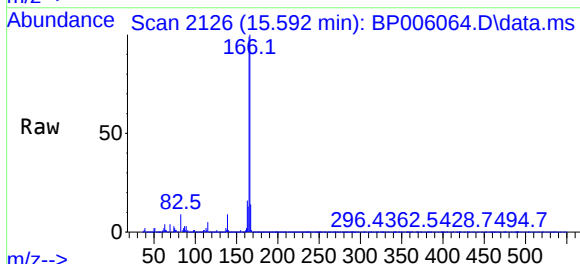
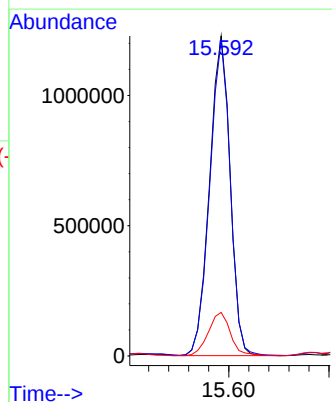


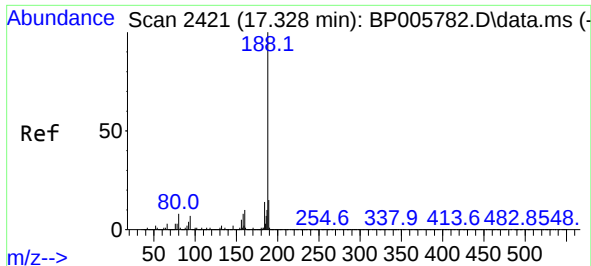
Tgt Ion:168 Resp: 1733836
Ion Ratio Lower Upper
168 100
139 40.1 31.0 46.6
169 14.4 10.8 16.2



#58
Fluorene
Concen: 117.225 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

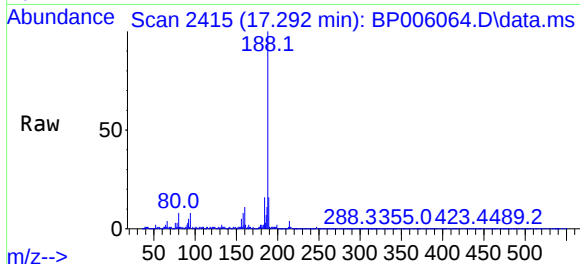
Tgt Ion:166 Resp: 1743161
Ion Ratio Lower Upper
166 100
165 98.9 78.0 117.0
167 13.6 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

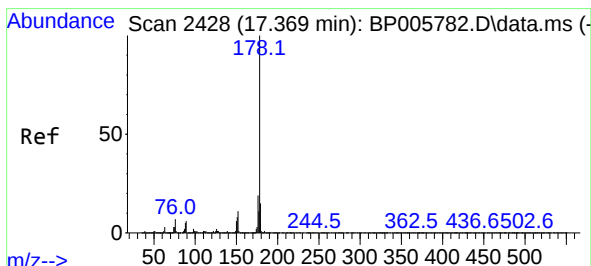
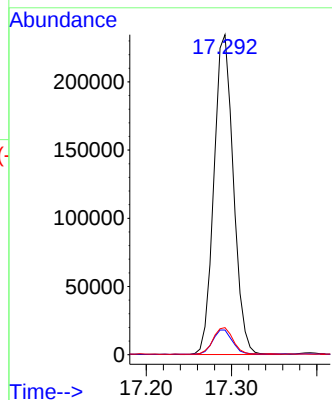
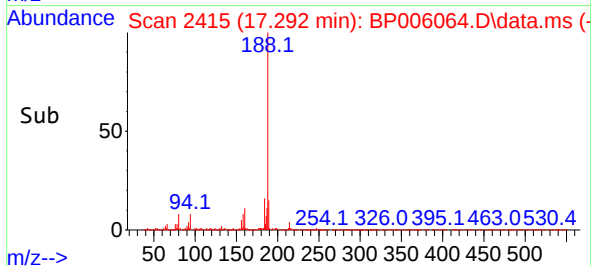
Instrument :
BNA_P
ClientSampled :
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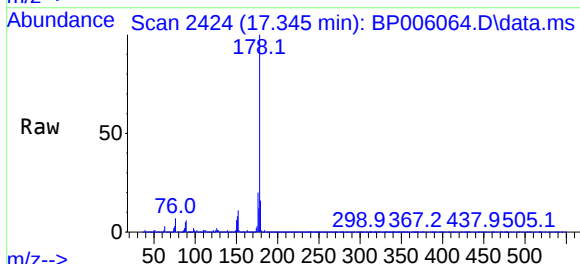
Tgt Ion:188 Resp: 370973
Ion Ratio Lower Upper
188 100
94 7.7 5.6 8.4
80 8.5 6.3 9.5

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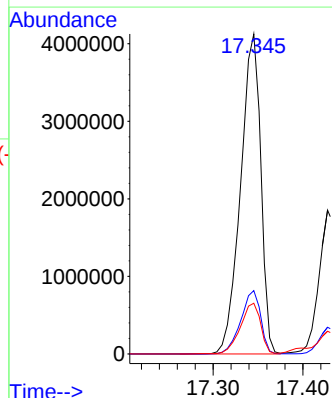
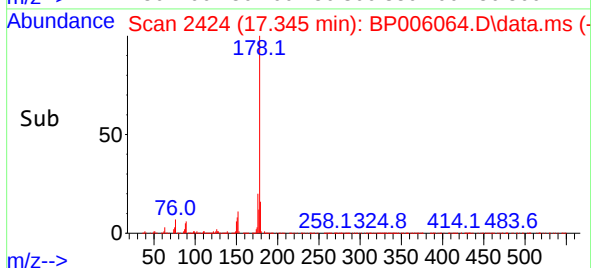
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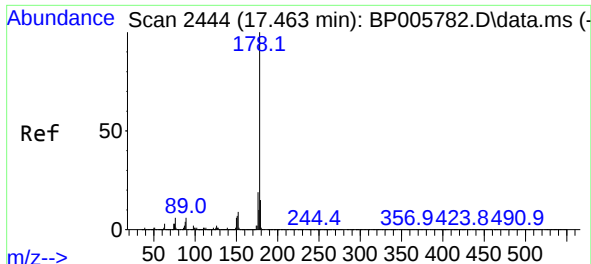


#71
Phenanthrene
Concen: 289.313 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27



Tgt Ion:178 Resp: 6445463
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 15.8 12.4 18.6



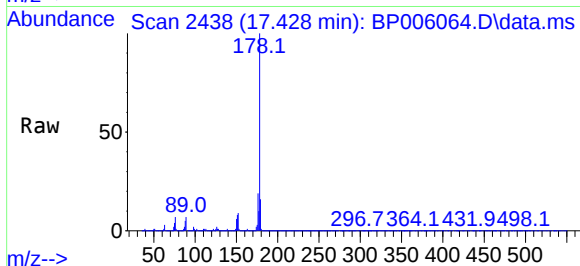


#72
 Anthracene
 Concen: 118.646 ng
 RT: 17.428 min Scan# 2438
 Delta R.T. -0.006 min
 Lab File: BP006064.D
 Acq: 24 Jun 2021 21:27

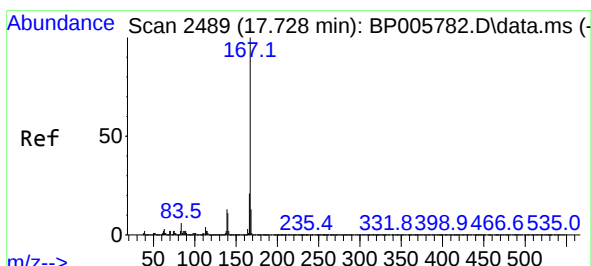
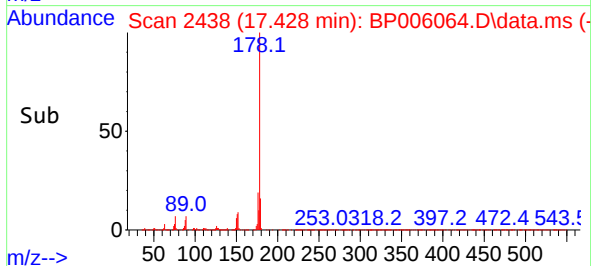
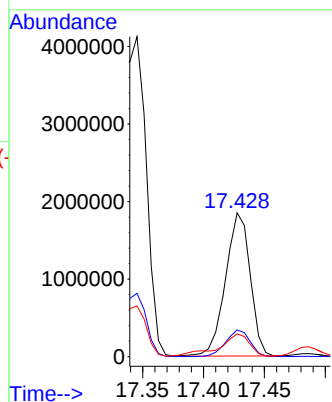
Instrument :
 BNA_P
 ClientSampled :
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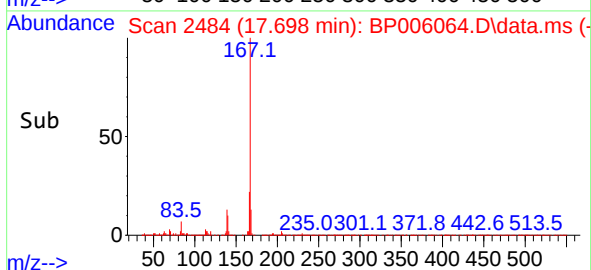
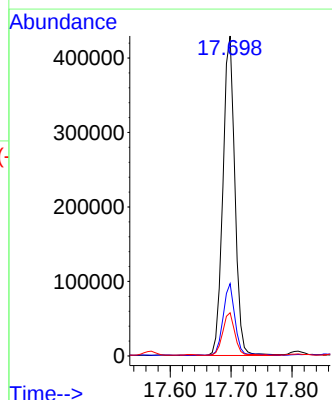
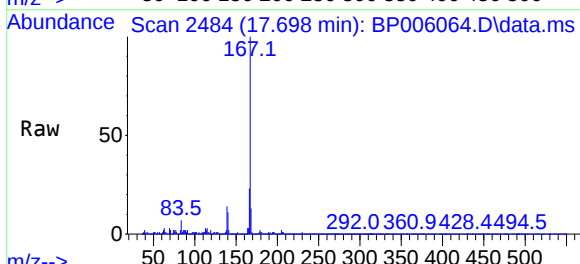


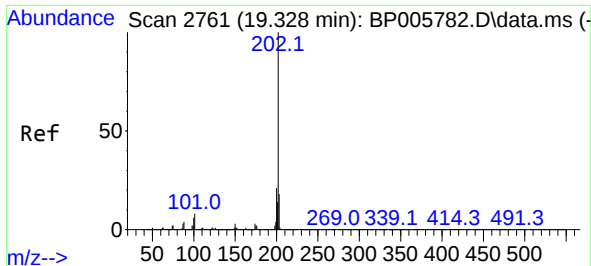
Tgt Ion:178 Resp: 2601476
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.9 22.3
 179 15.8 12.2 18.2



#73
 Carbazole
 Concen: 27.769 ng
 RT: 17.698 min Scan# 2484
 Delta R.T. -0.006 min
 Lab File: BP006064.D
 Acq: 24 Jun 2021 21:27

Tgt Ion:167 Resp: 584575
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.1 25.7
 139 13.5 10.7 16.1



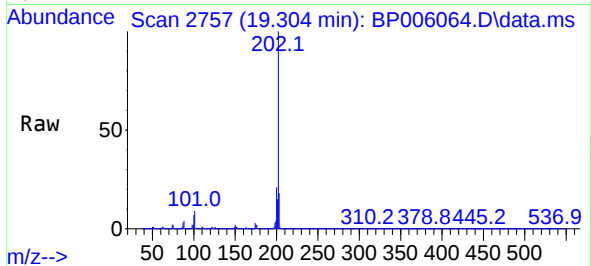


#75
Fluoranthene
Concen: 139.040 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

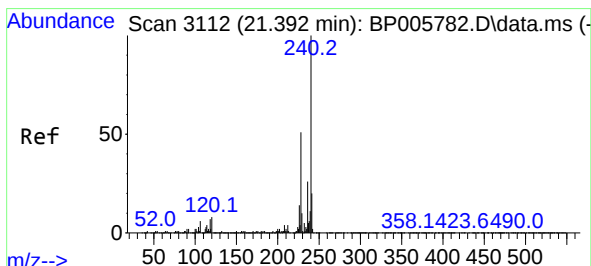
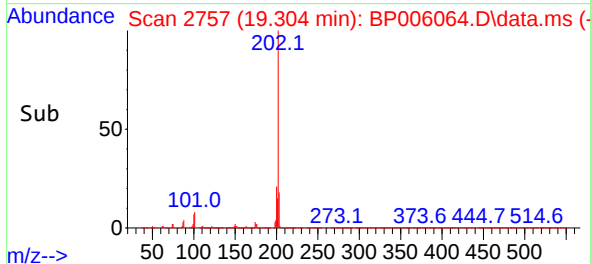
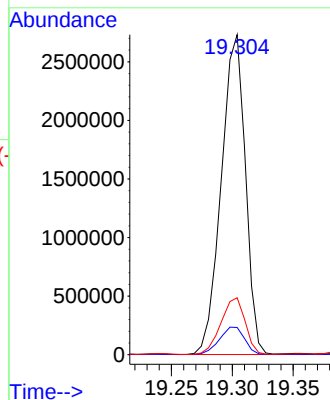
Instrument :
BNA_P
ClientSampled :
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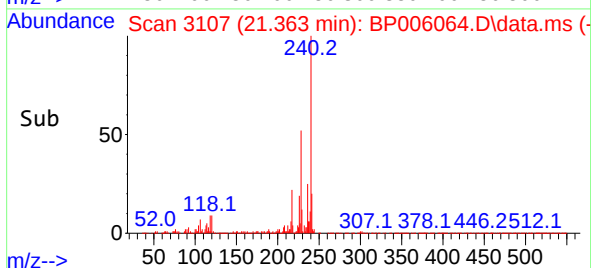
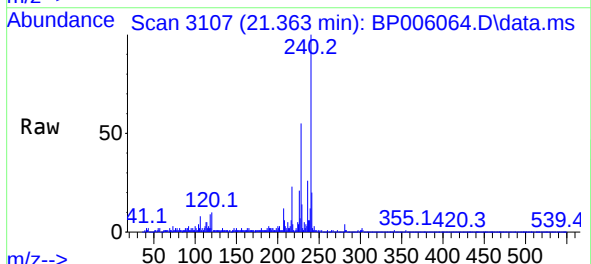
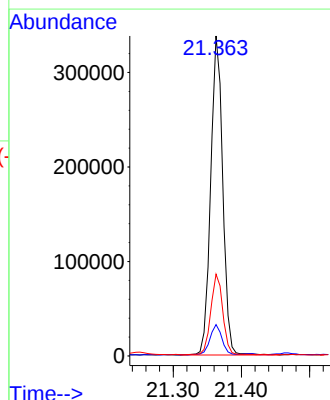


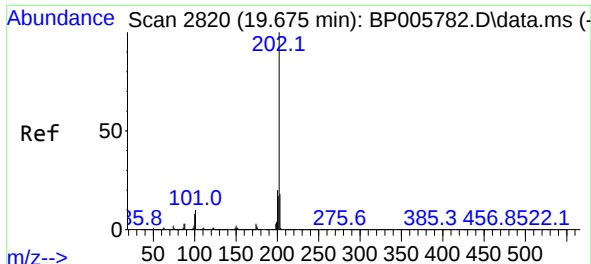
Tgt Ion:202 Resp: 3761813
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.6
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

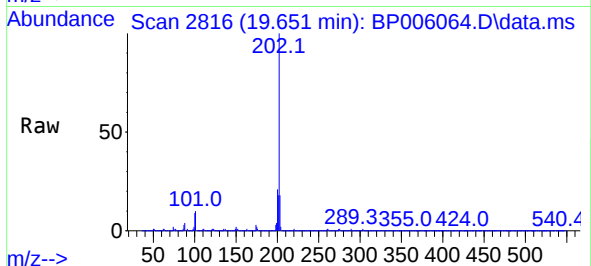
Tgt Ion:240 Resp: 415094
Ion Ratio Lower Upper
240 100
120 9.8 6.5 9.7#
236 25.5 20.6 31.0





#78
Pyrene
Concen: 100.561 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

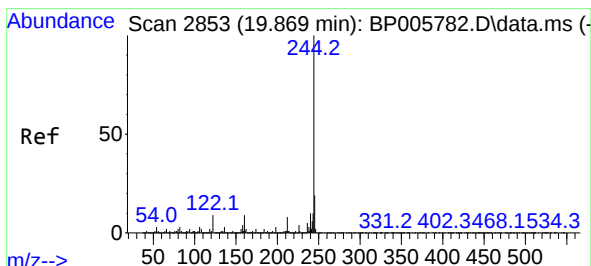
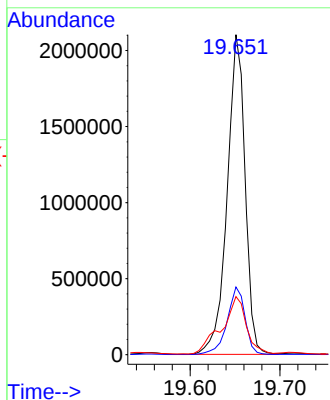
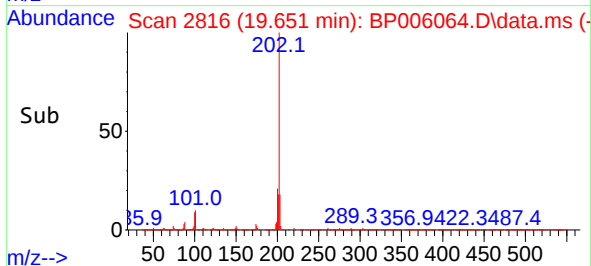
Instrument :
BNA_P
ClientSampled :
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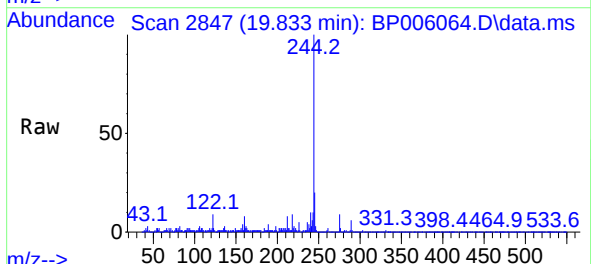
Tgt Ion:202 Resp: 2914090
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 18.1 14.2 21.2

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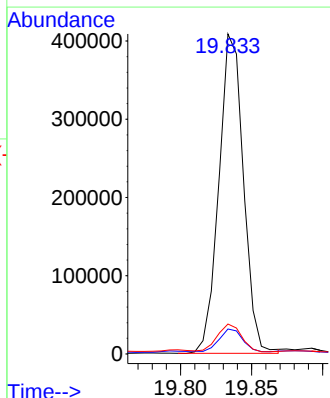
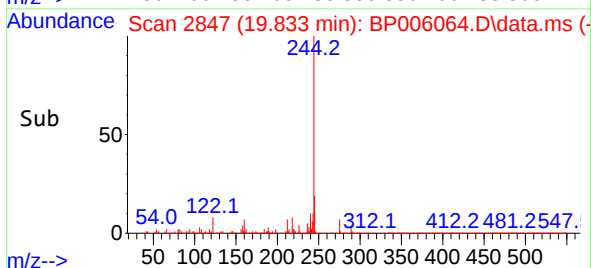
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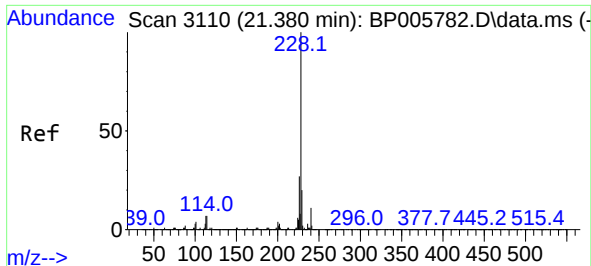


#79
Terphenyl-d14
Concen: 22.127 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27



Tgt Ion:244 Resp: 490519
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 9.3 7.1 10.7





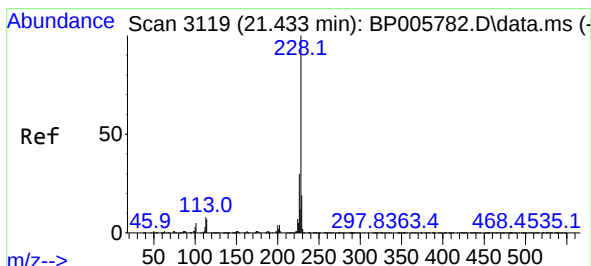
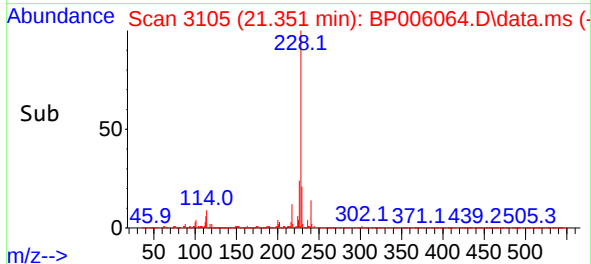
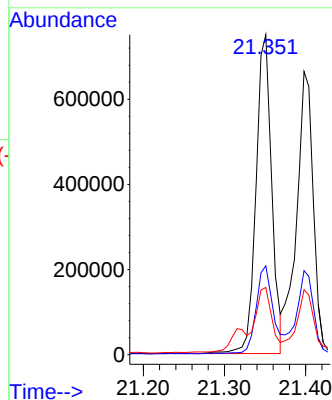
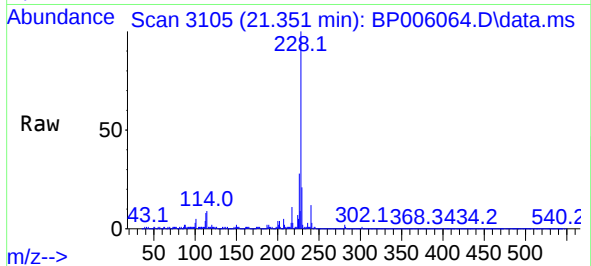
#81
Benzo(a)anthracene
Concen: 33.553 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion:228 Resp: 1005374
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 21.0 15.8 23.6

Instrument :
BNA_P
ClientSampled :
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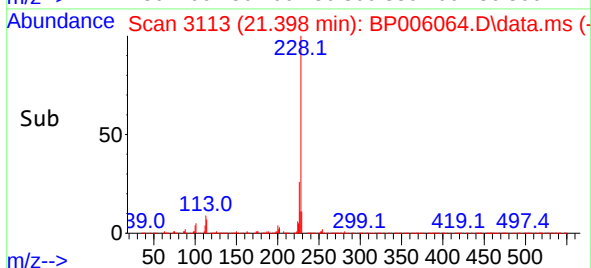
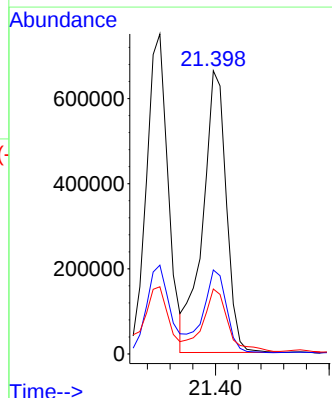
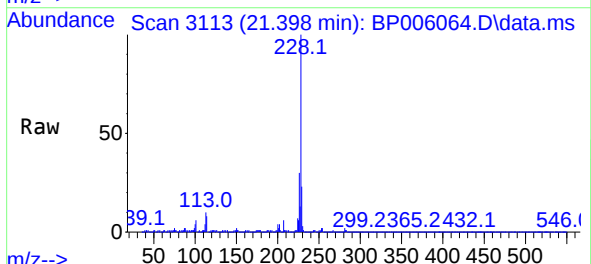
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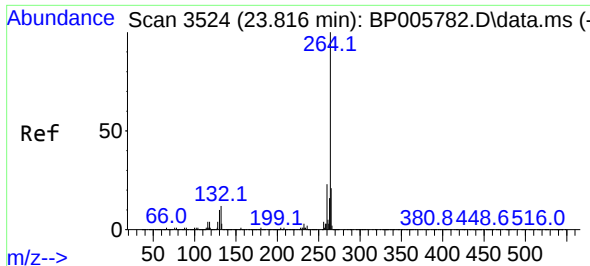
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#83
Chrysene
Concen: 32.820 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

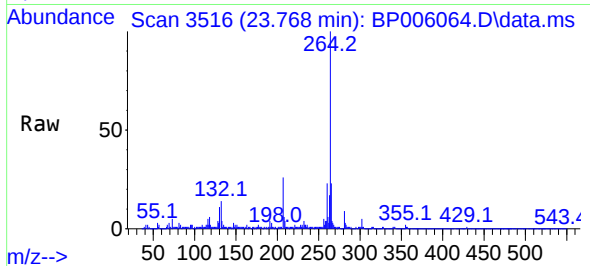
Tgt Ion:228 Resp: 952504
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 22.9 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

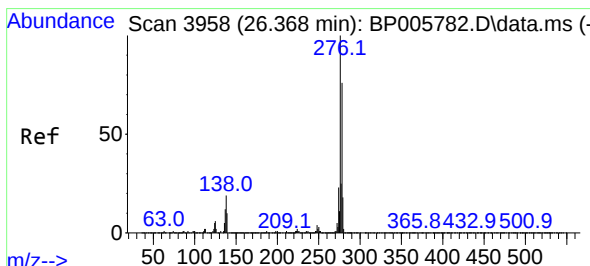
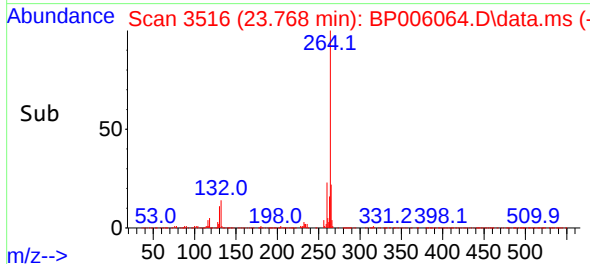
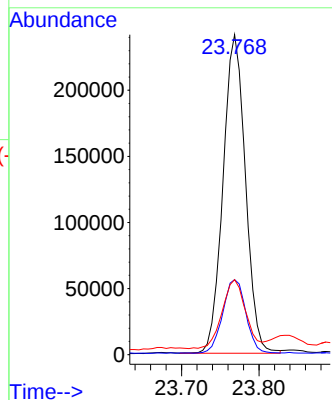
Instrument :
BNA_P
ClientSampled :
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Tgt Ion:264 Resp: 484460
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 23.5 17.6 26.4

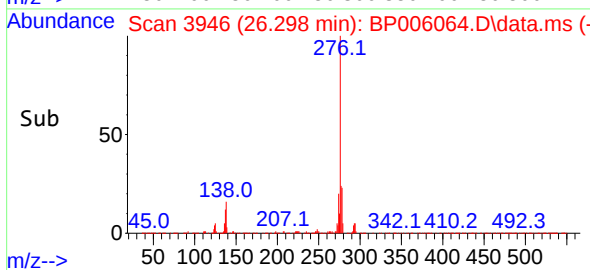
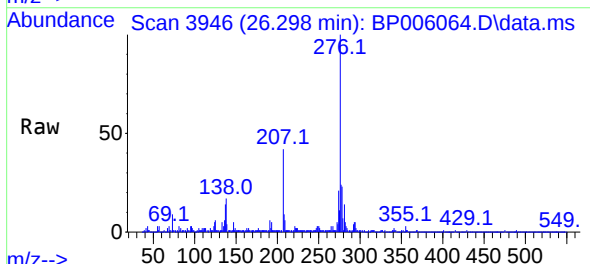
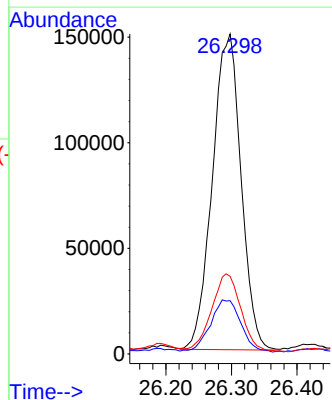
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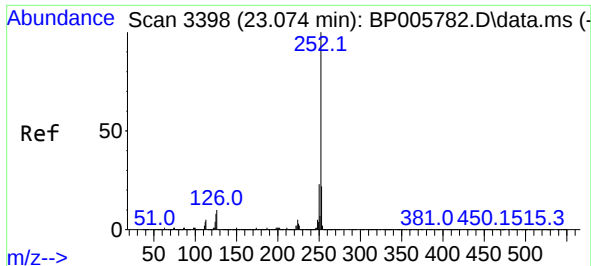
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#87
Indeno(1,2,3-cd)pyrene
Concen: 10.953 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.012 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion:276 Resp: 453772
Ion Ratio Lower Upper
276 100
138 17.5 15.3 22.9
277 25.4 20.4 30.6



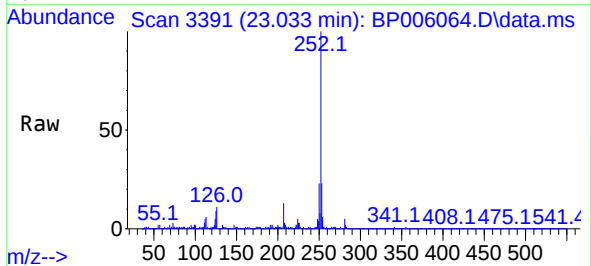


#88
Benzo(b)fluoranthene
Concen: 30.141 ng m
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

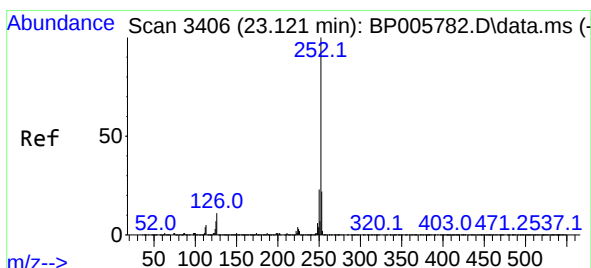
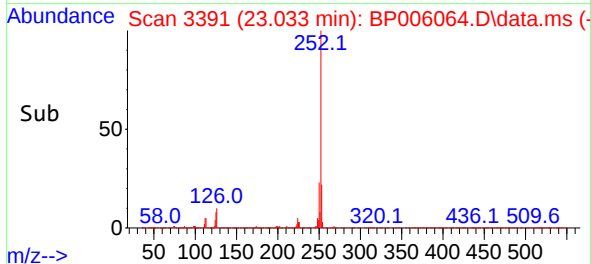
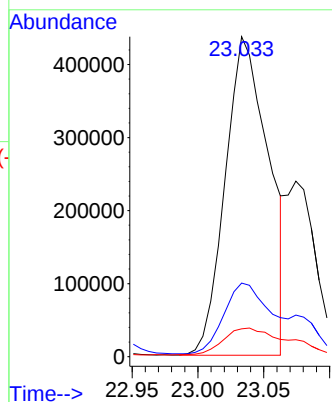
Instrument :
BNA_P
ClientSampled :
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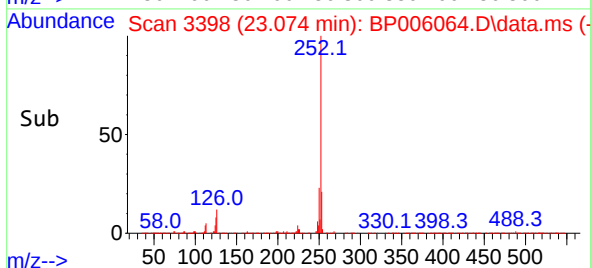
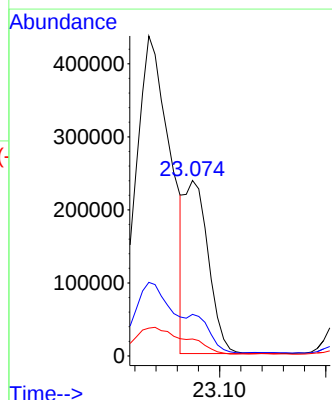
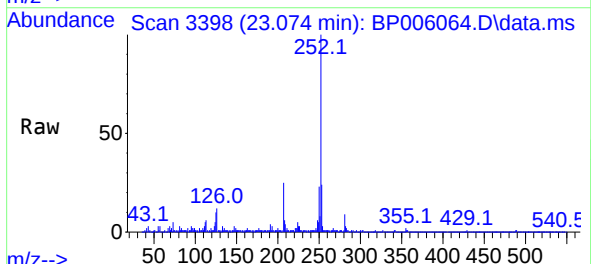


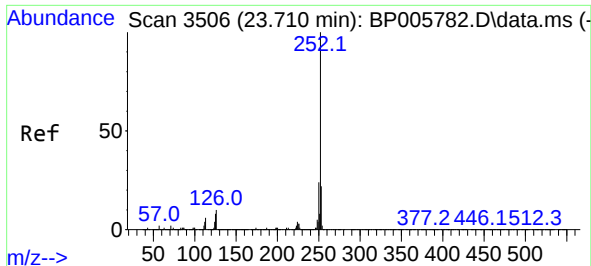
Tgt Ion:252 Resp: 1000118
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 8.7 6.2 9.4



#89
Benzo(k)fluoranthene
Concen: 11.348 ng m
RT: 23.074 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Tgt Ion:252 Resp: 365132
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 9.6 6.0 9.0#



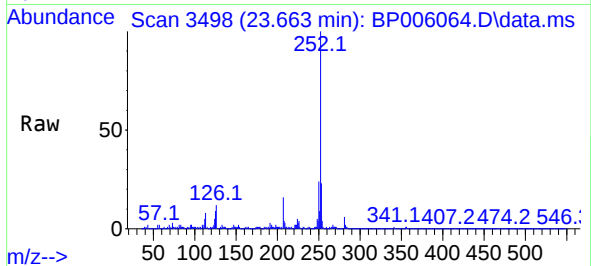


#90
Benzo(a)pyrene
Concen: 23.420 ng
RT: 23.663 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

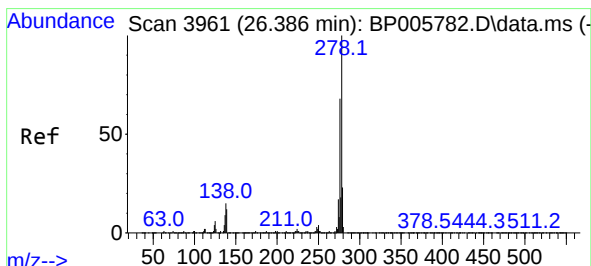
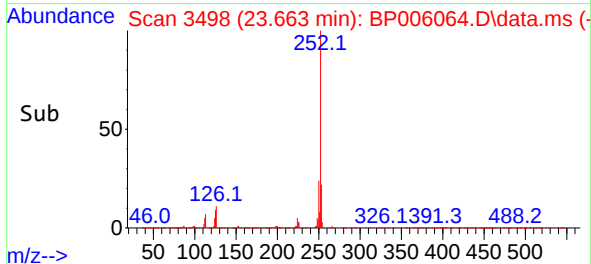
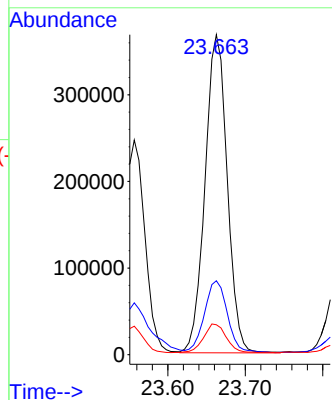
Instrument :
BNA_P
ClientSampleId :
356-349

Manual Integrations
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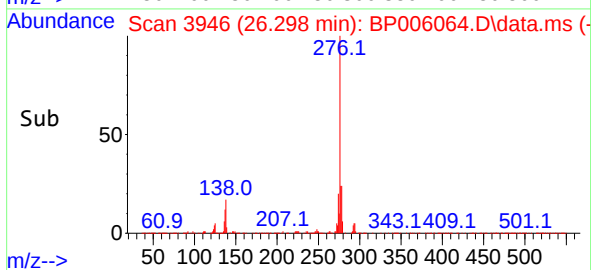
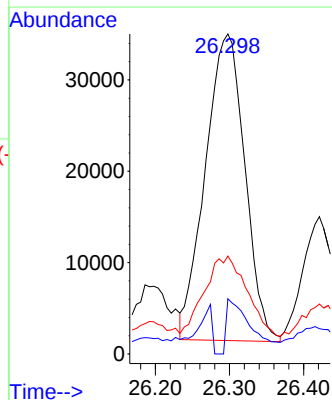
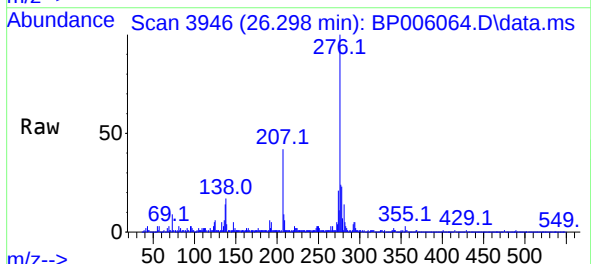


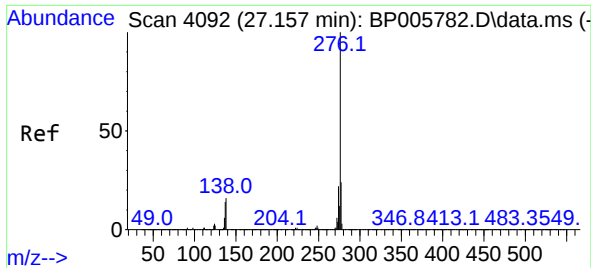
Tgt Ion:252 Resp: 730598
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 9.3 6.5 9.7



#91
Dibenzo(a,h)anthracene
Concen: 3.490 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.024 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

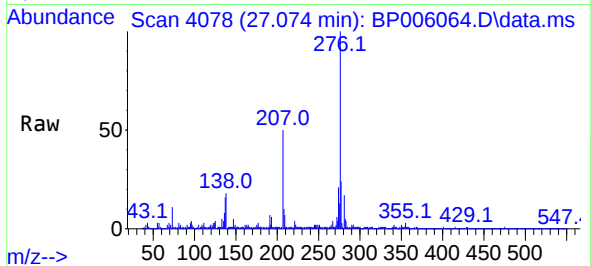
Tgt Ion:278 Resp: 124438
Ion Ratio Lower Upper
278 100
139 17.2 9.3 13.9#
279 30.6 18.8 28.2#





#92
Benzo(g,h,i)perylene
Concen: 12.520 ng
RT: 27.074 min Scan# 4078
Delta R.T. -0.012 min
Lab File: BP006064.D
Acq: 24 Jun 2021 21:27

Instrument :
BNA_P
ClientSampleId :
356-349



Tgt Ion:276 Resp: 441016
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 18.0 12.6 18.8

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