

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005380.D
 Acq On : 22 Apr 2021 17:40
 Operator : CG/JU
 Sample : M2102-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB37708RT

Manual Integrations
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mohammad
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Quant Time: Apr 22 18:44:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	29043	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	106994	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	74012	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	178242	20.00	ng	0.00
76) Chrysene-d12	21.169	240	219662	20.00	ng	0.00
86) Perylene-d12	23.427	264	222345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	216554	129.52	ng	0.00
7) Phenol-d6	6.834	99	289720	125.77	ng	0.00
23) Nitrobenzene-d5	8.805	82	237306	96.47	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	136027	96.08	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	356988	62.44	ng	0.00
79) Terphenyl-d14	19.645	244	608197	51.31	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.858	94	10195	4.44	ng	# 32
71) Phenanthrene	17.110	178	76864	8.09	ng	99
75) Fluoranthene	19.092	202	128677	9.87	ng	99
78) Pyrene	19.445	202	117911	9.57	ng	99
81) Benzo(a)anthracene	21.157	228	65699	4.65	ng	96
83) Chrysene	21.204	228	66179m	4.70	ng	
84) Bis(2-ethylhexyl)phtha...	21.080	149	2669	3.48	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.727	276	36146m	2.13	ng	
88) Benzo(b)fluoranthene	22.745	252	74521	5.09	ng	# 96
90) Benzo(a)pyrene	23.327	252	56106	4.20	ng	# 91
92) Benzo(g,h,i)perylene	26.439	276	33269	2.41	ng	99

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

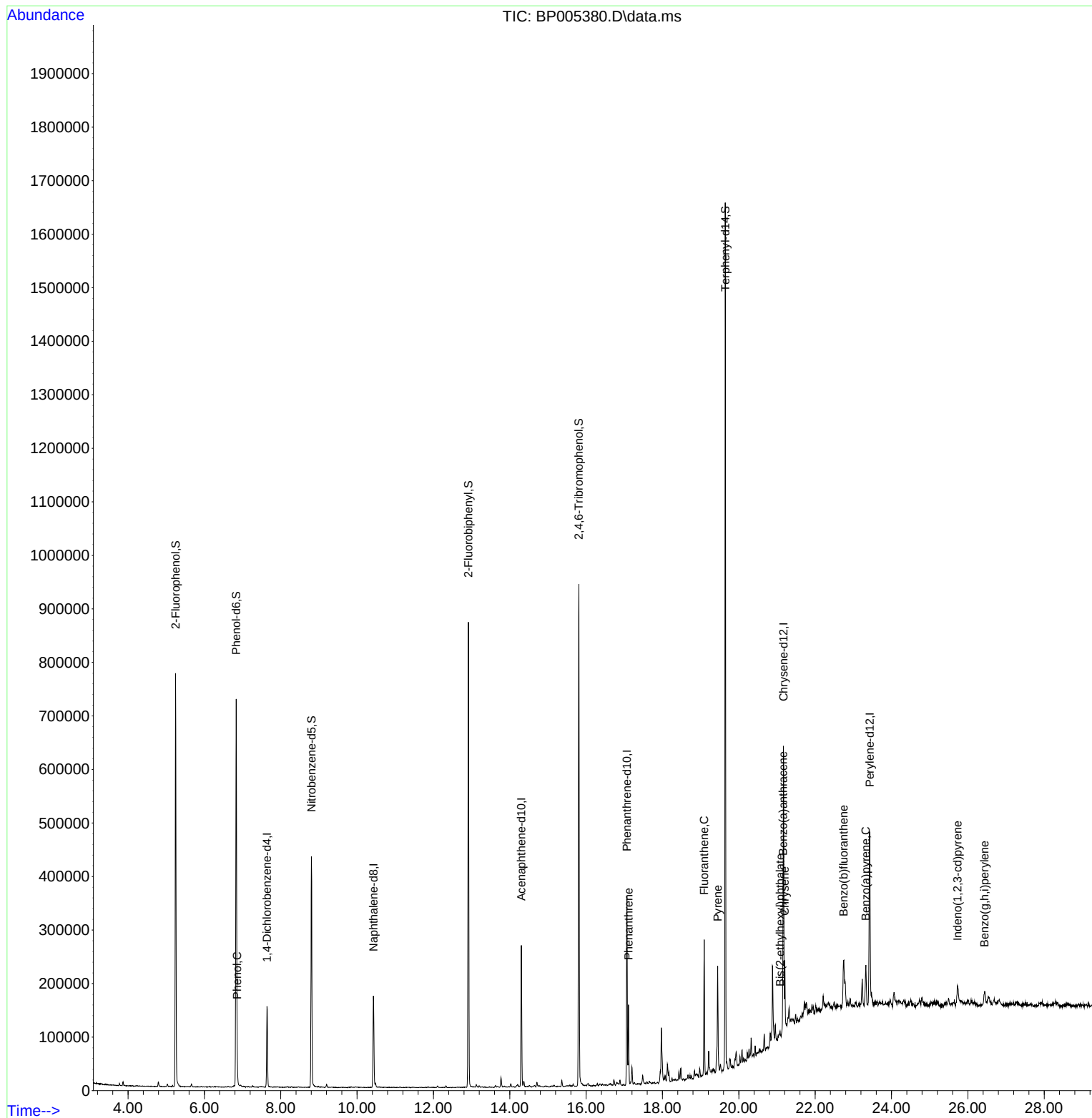
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005380.D
Acq On : 22 Apr 2021 17:40
Operator : CG/JU
Sample : M2102-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

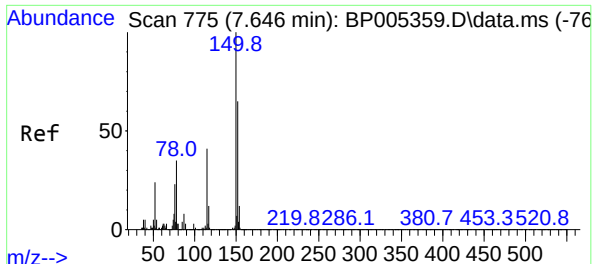
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
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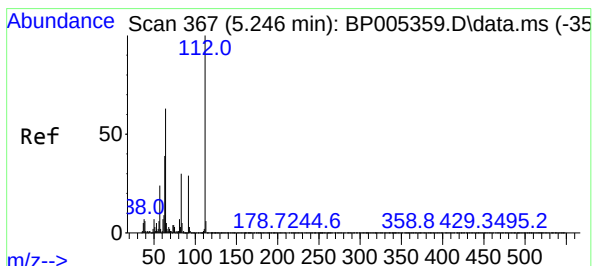
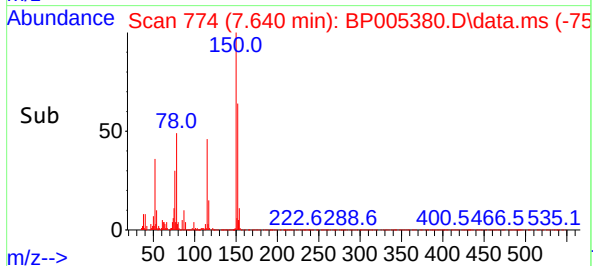
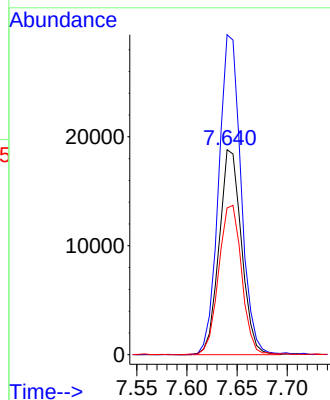
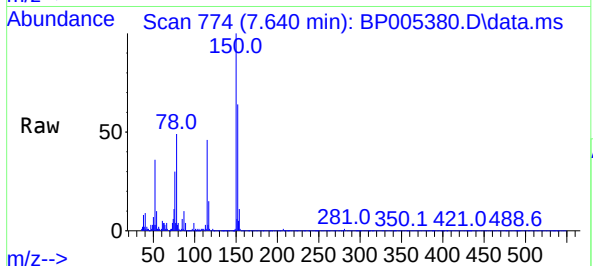
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:152 Resp: 29043
Ion Ratio Lower Upper
152 100
150 156.1 119.8 179.8
115 71.6 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
RB37708RT

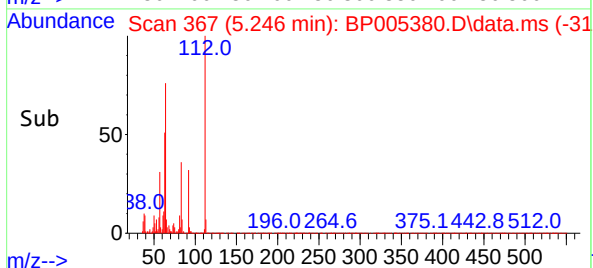
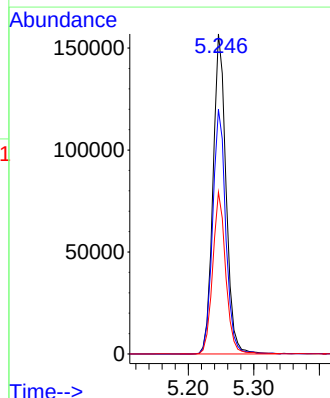
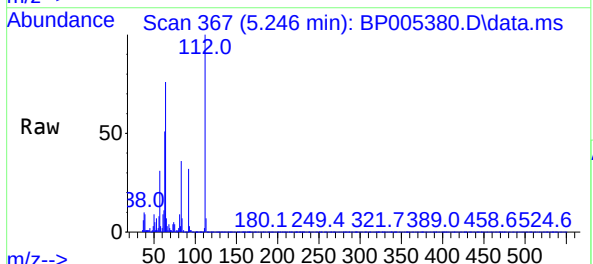
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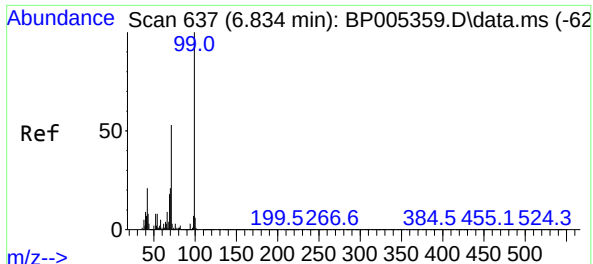
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#5
2-Fluorophenol
Concen: 129.52 ng
RT: 5.246 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:112 Resp: 216554
Ion Ratio Lower Upper
112 100
64 76.4 33.6 50.4#
63 50.6 18.6 27.8#





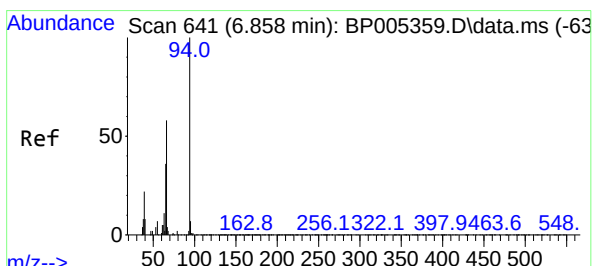
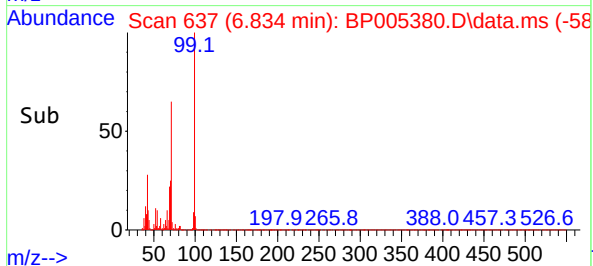
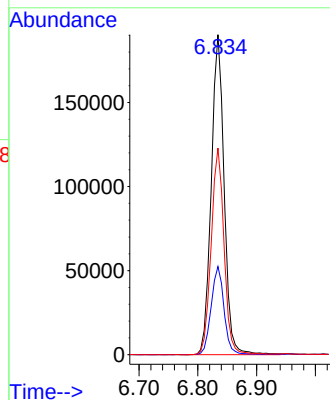
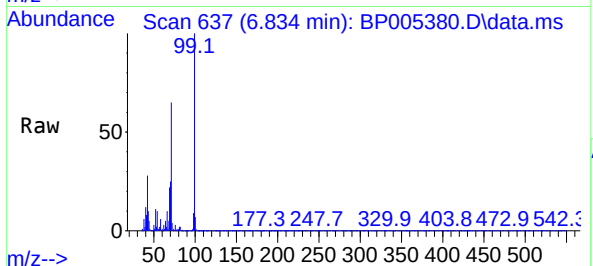
#7
Phenol-d6
Concen: 125.77 ng
RT: 6.834 min Scan# 637
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion: 99 Resp: 289720
Ion Ratio Lower Upper
99 100
42 27.5 12.9 19.3#
71 64.6 26.7 40.1#

Instrument :
BNA_P
ClientSampleId :
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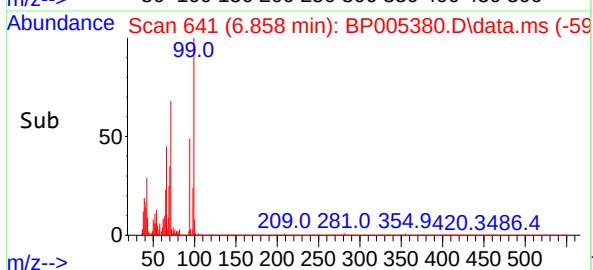
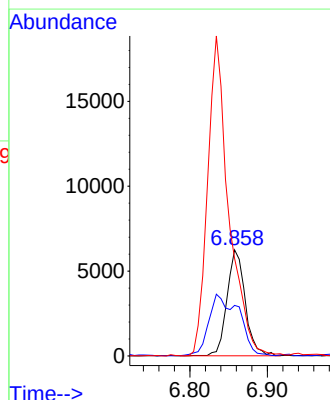
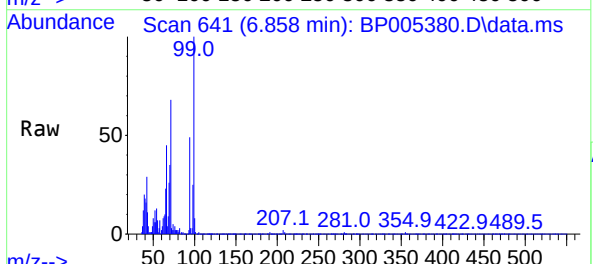
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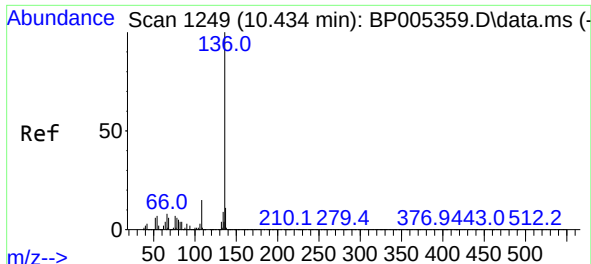
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#10
Phenol
Concen: 4.44 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion: 94 Resp: 10195
Ion Ratio Lower Upper
94 100
65 47.6 8.0 48.0
66 91.7 17.3 57.3#





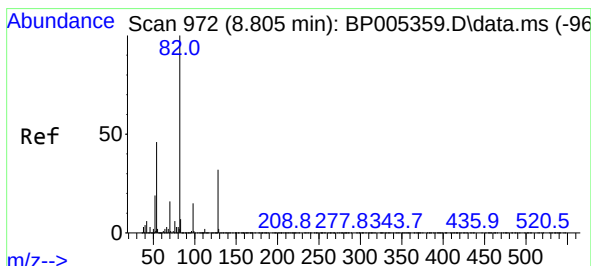
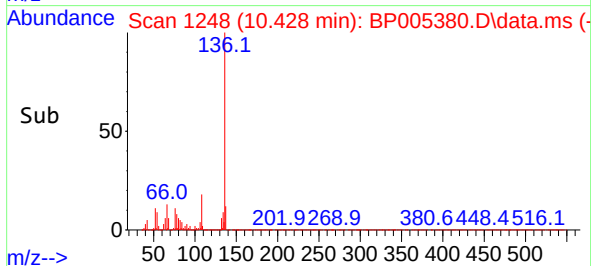
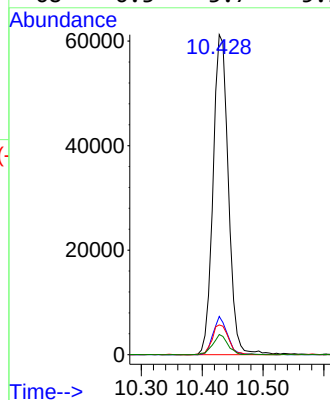
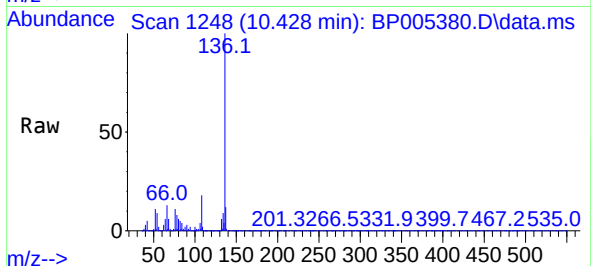
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:	136	Resp:	106994
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.9	13.3
54	9.3	5.0	7.4#
68	6.3	3.7	5.5#

Instrument :
BNA_P
ClientSampleId :
RB37708RT

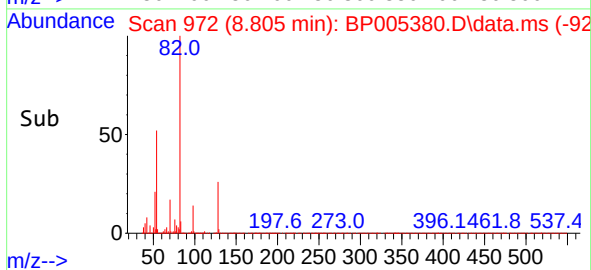
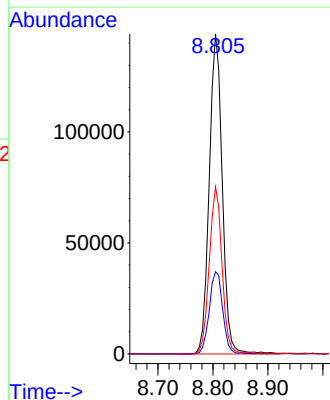
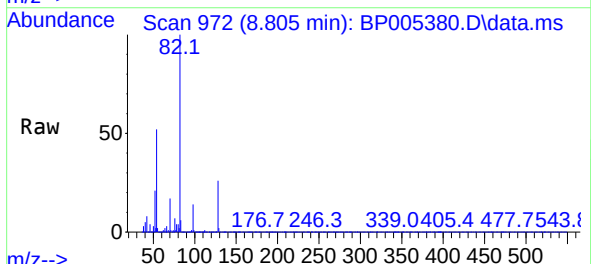
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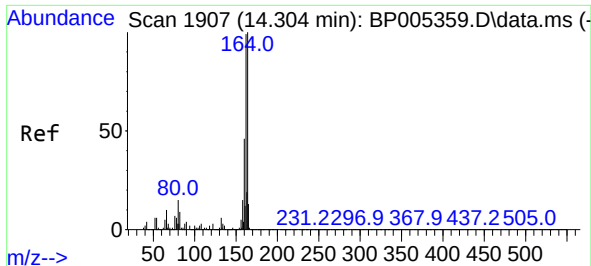
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#23
Nitrobenzene-d5
Concen: 96.47 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:	82	Resp:	237306
Ion Ratio	Lower	Upper	
82	100		
128	25.7	30.5	45.7#
54	52.3	33.9	50.9#





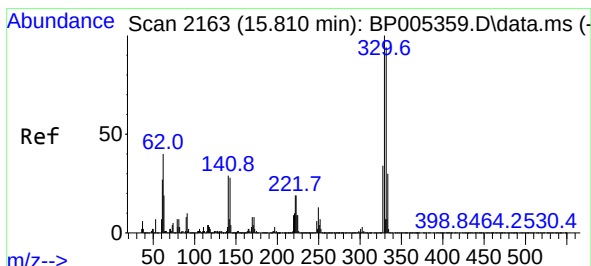
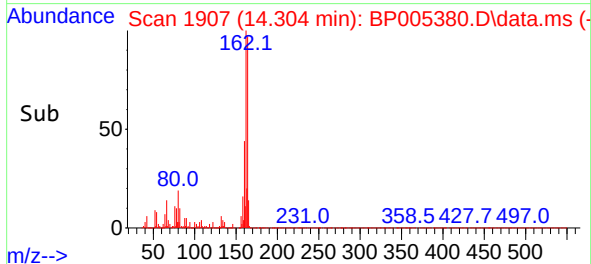
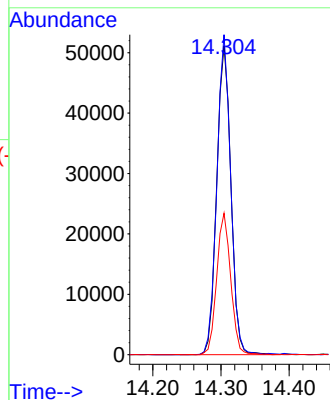
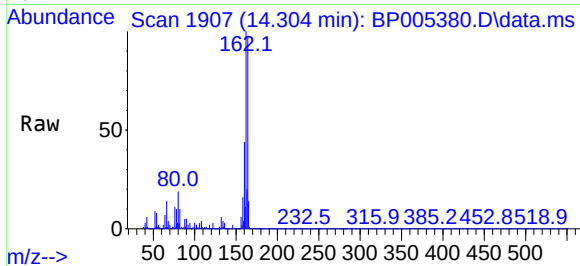
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:164 Resp: 74012
Ion Ratio Lower Upper
164 100
162 103.5 73.5 110.3
160 45.7 40.6 61.0

Instrument :
BNA_P
ClientSampled :
RB37708RT

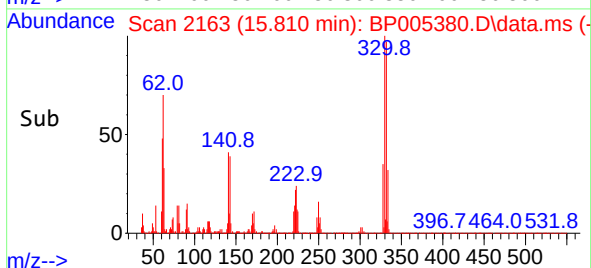
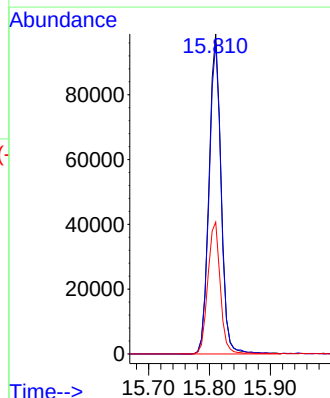
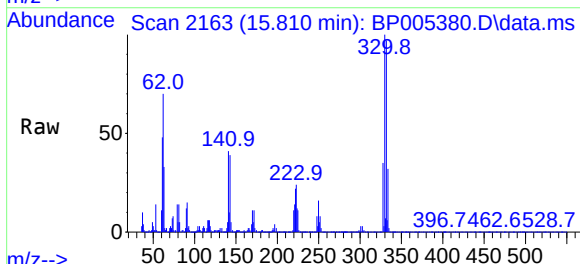
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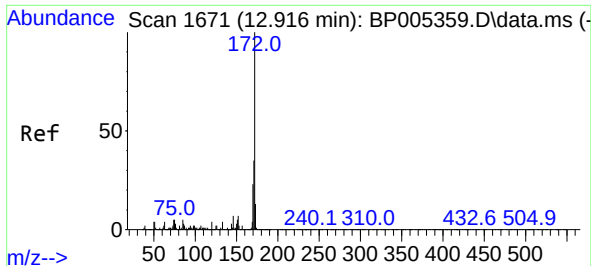
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#42
2,4,6-Tribromophenol
Concen: 96.08 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

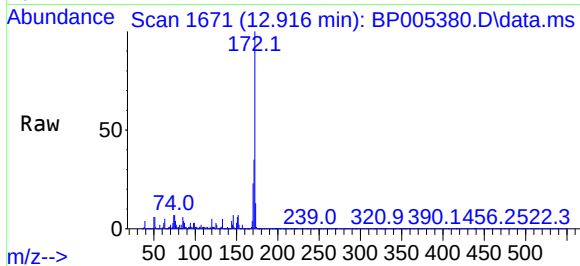
Tgt Ion:330 Resp: 136027
Ion Ratio Lower Upper
330 100
332 97.3 76.3 114.5
141 42.1 22.8 34.2#





#45
2-Fluorobiphenyl
Concen: 62.44 ng
RT: 12.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

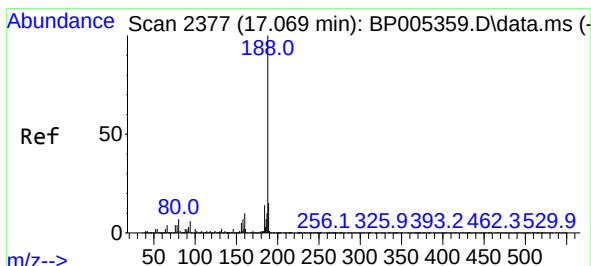
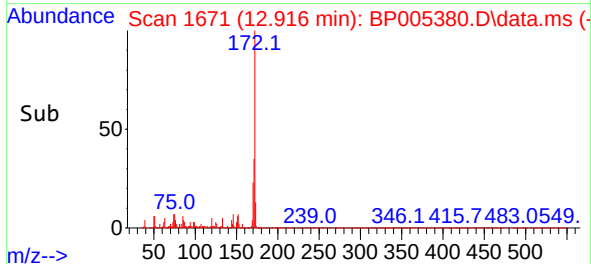
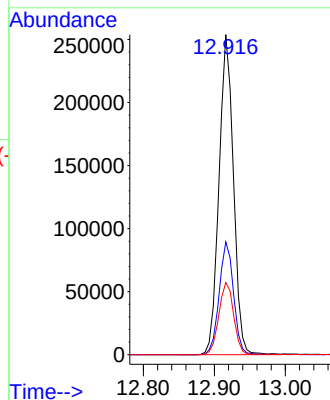
Instrument :
BNA_P
ClientSampleId :
RB37708RT



Tgt Ion:172 Resp: 356988
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 22.6 19.6 29.4

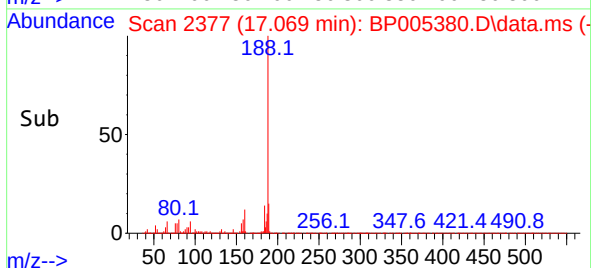
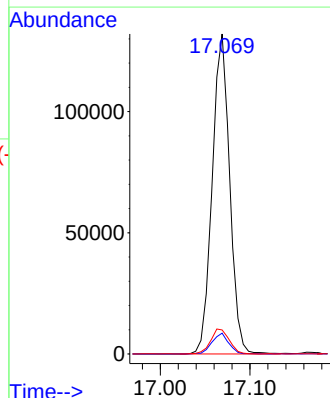
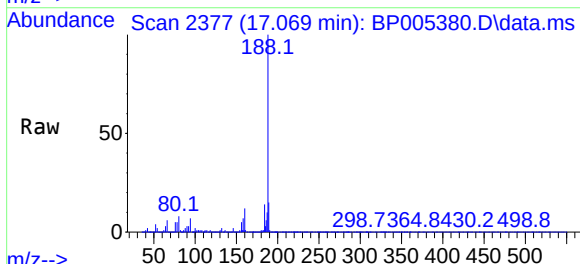
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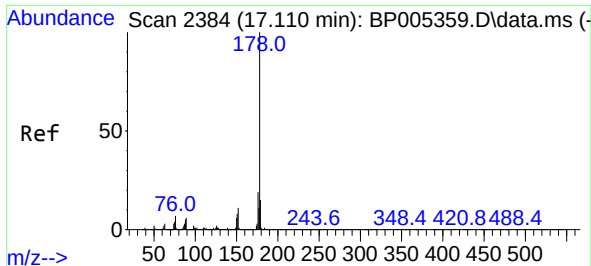
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

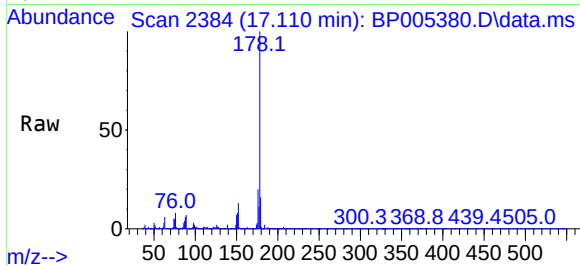
Tgt Ion:188 Resp: 178242
Ion Ratio Lower Upper
188 100
94 6.5 5.0 7.6
80 7.5 5.9 8.9





#71
Phenanthrene
Concen: 8.09 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

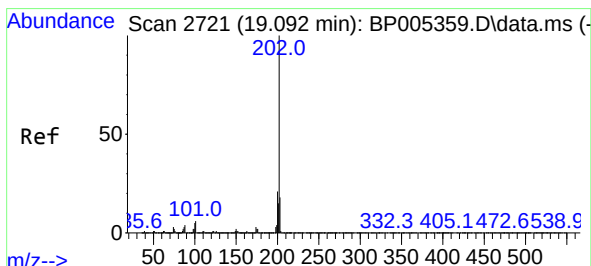
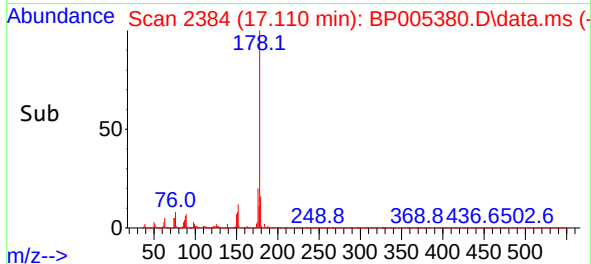
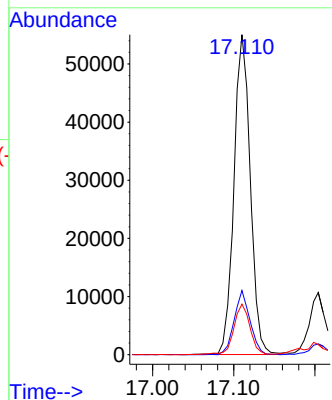
Instrument :
BNA_P
ClientSampled :
RB37708RT



Tgt Ion:178 Resp: 76864
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 15.8 12.3 18.5

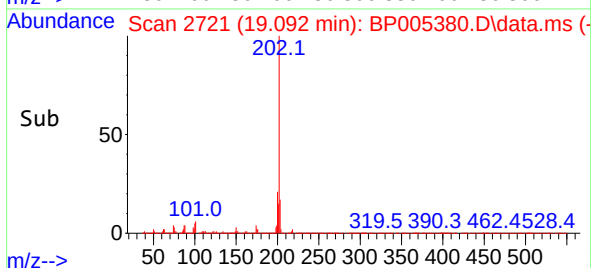
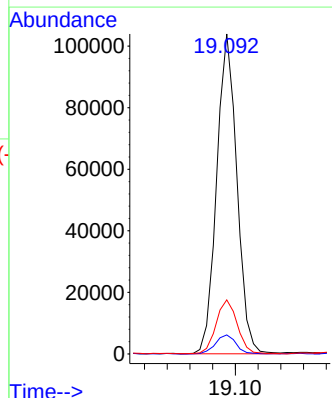
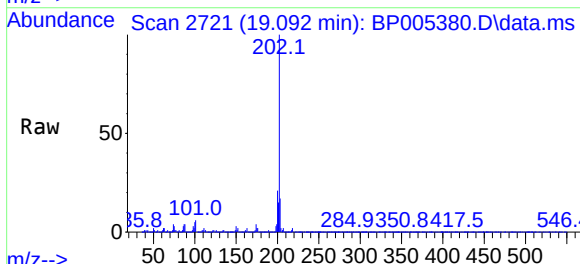
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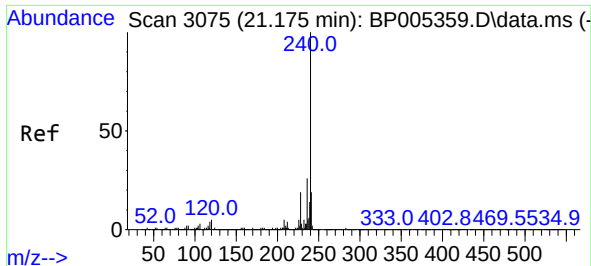
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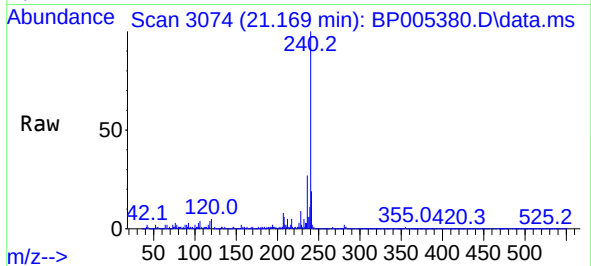
#75
Fluoranthene
Concen: 9.87 ng
RT: 19.092 min Scan# 2721
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:202 Resp: 128677
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.1
203 16.9 0.0 37.2

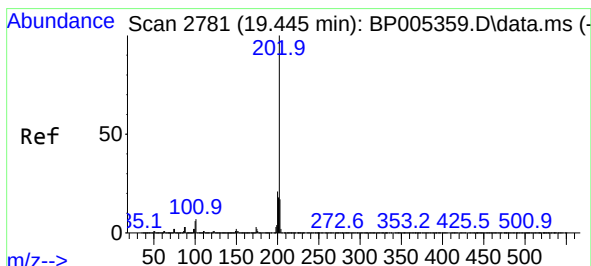
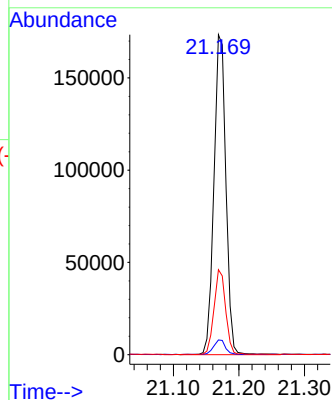
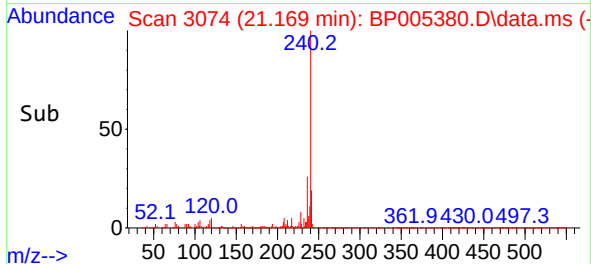




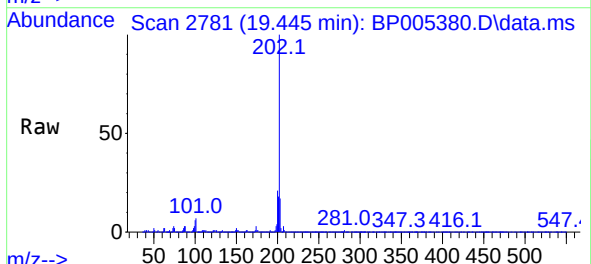
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.169 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40



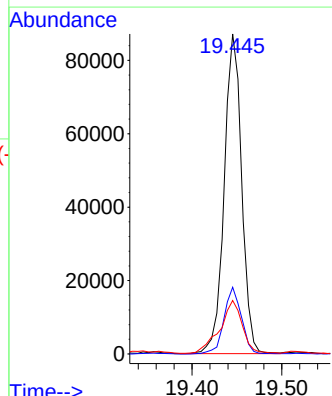
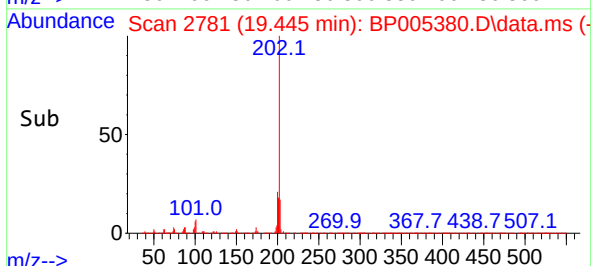
Tgt Ion:240 Resp: 219662
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 26.5 20.2 30.2



#78
Pyrene
Concen: 9.57 ng
RT: 19.445 min Scan# 2781
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40



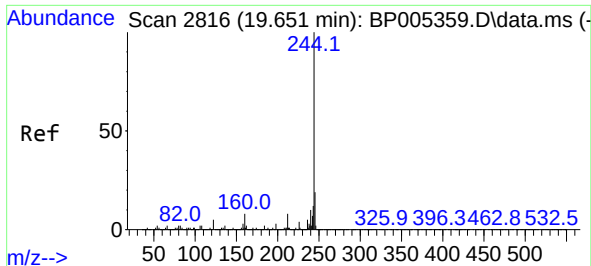
Tgt Ion:202 Resp: 117911
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200 20.9 16.9 25.3
203 16.7 13.8 20.6



Instrument :
BNA_P
ClientSampleID :
RB37708RT

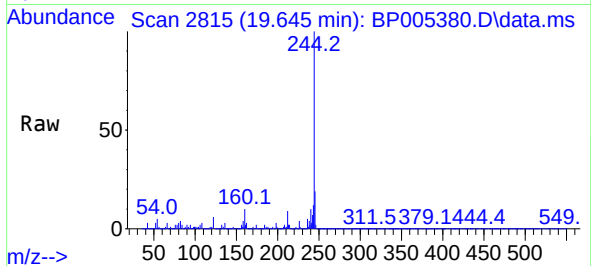
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#79
Terphenyl-d14
Concen: 51.31 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

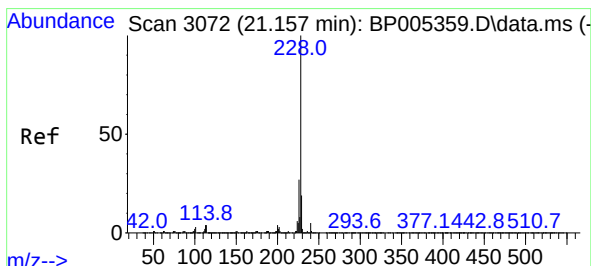
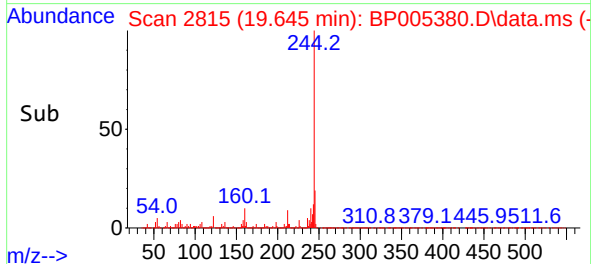
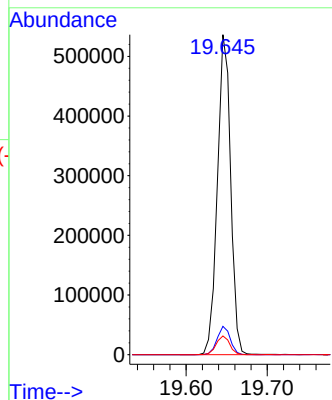
Instrument :
BNA_P
ClientSampleId :
RB37708RT



Tgt Ion:244 Resp: 608197
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.6#
122 5.9 5.2 7.8

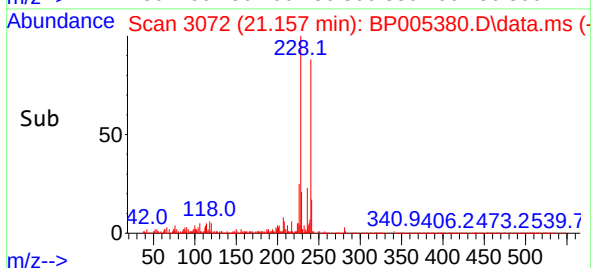
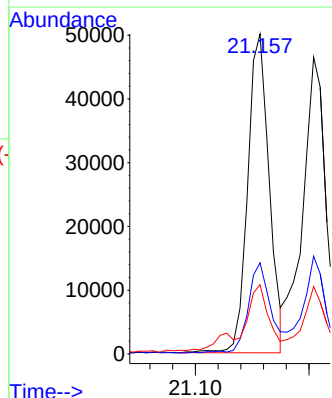
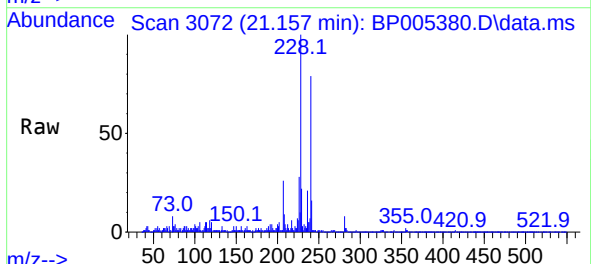
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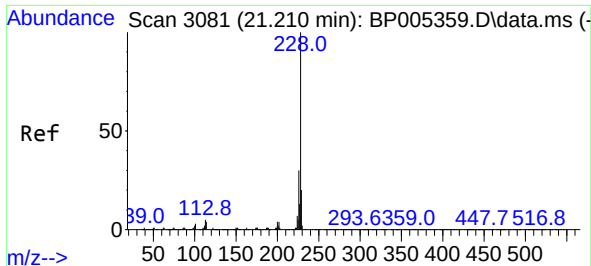
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#81
Benzo(a)anthracene
Concen: 4.65 ng
RT: 21.157 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:228 Resp: 65699
Ion Ratio Lower Upper
228 100
226 28.5 21.2 31.8
229 21.7 15.6 23.4





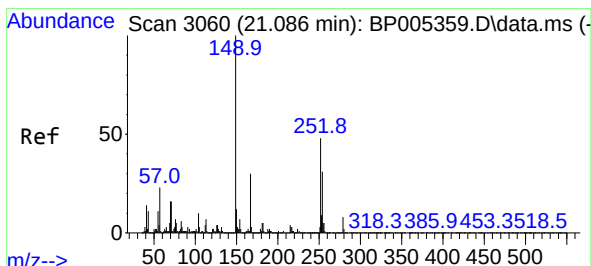
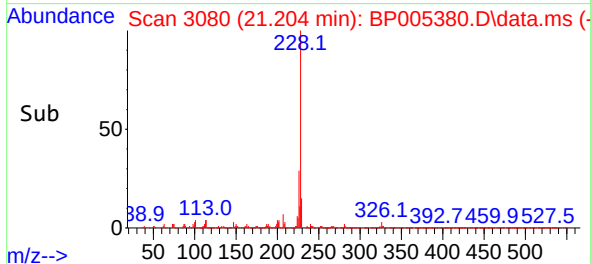
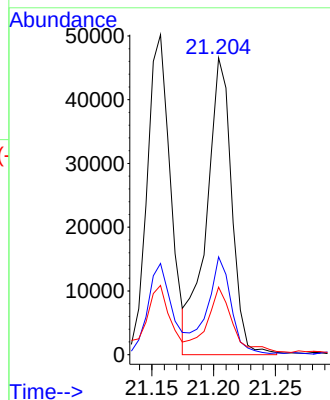
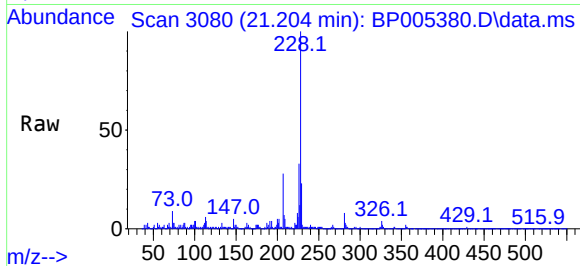
#83
Chrysene
Concen: 4.70 ng m
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:	228	Resp:	66179
Ion Ratio	Lower	Upper	
228	100		
226	32.9	24.8	37.2
229	22.7	15.4	23.0

Instrument :
BNA_P
ClientSampled :
RB37708RT

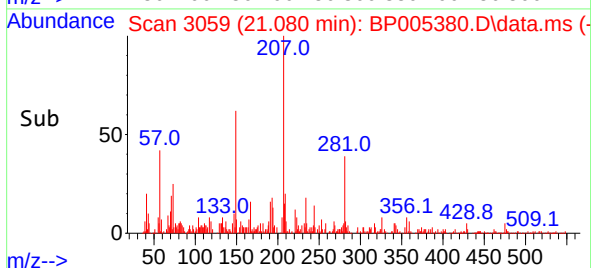
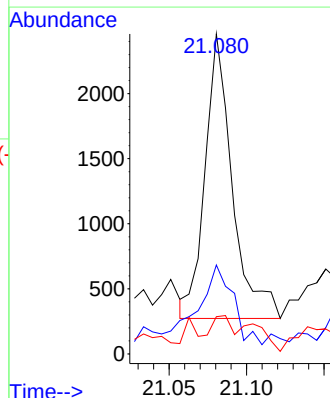
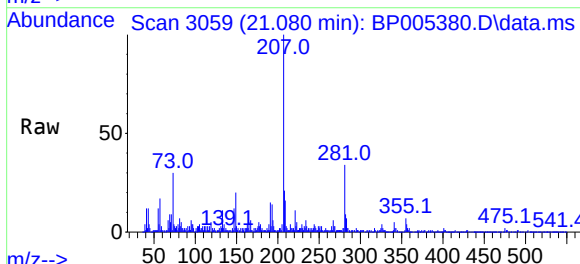
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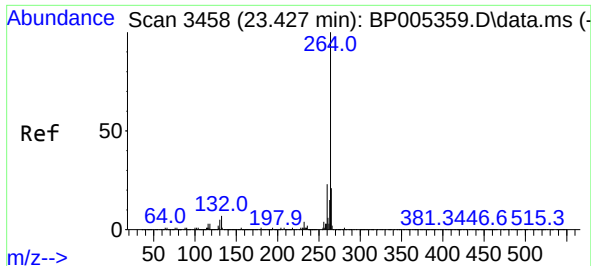
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.48 ng
RT: 21.080 min Scan# 3059
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:	149	Resp:	2669
Ion Ratio	Lower	Upper	
149	100		
167	27.8	23.8	35.8
279	11.6	5.7	8.5#





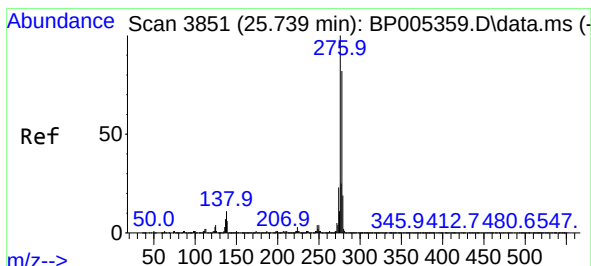
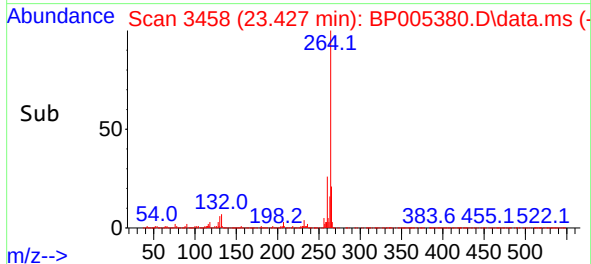
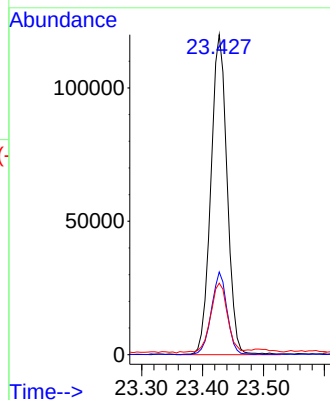
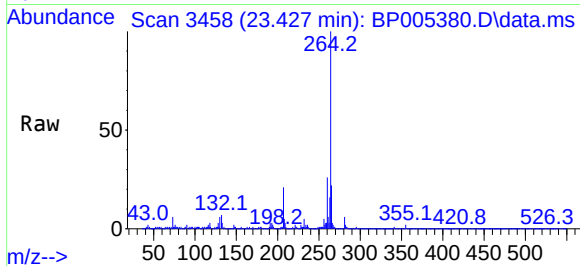
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion: 264 Resp: 222345
Ion Ratio Lower Upper
264 100
260 25.8 20.6 30.8
265 22.3 19.0 28.6

Instrument :
BNA_P
ClientSampled :
RB37708RT

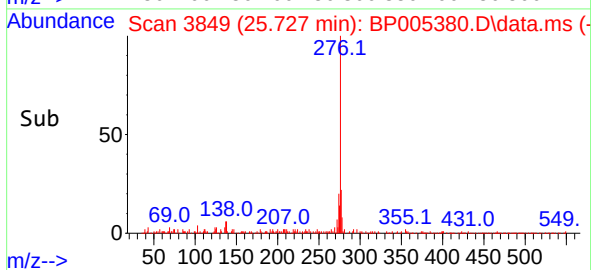
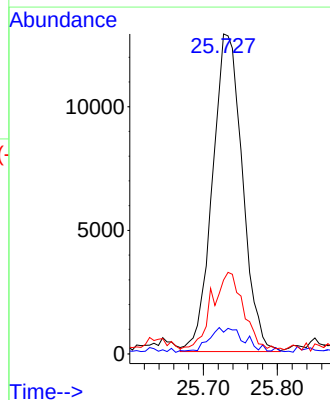
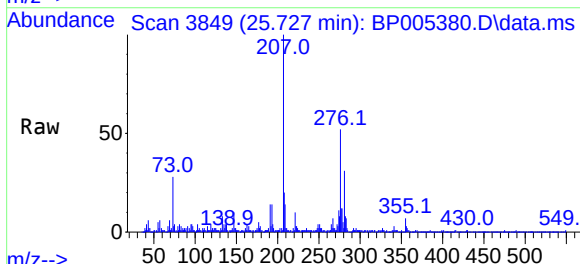
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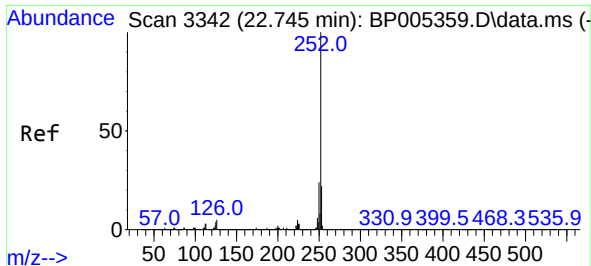
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng m
RT: 25.727 min Scan# 3849
Delta R.T. -0.012 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

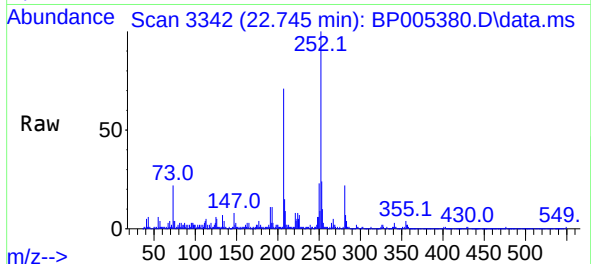
Tgt Ion: 276 Resp: 36146
Ion Ratio Lower Upper
276 100
138 1.4 8.4 12.6#
277 3.0 20.6 31.0#





#88
Benzo(b)fluoranthene
Concen: 5.09 ng
RT: 22.745 min Scan# 3342
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

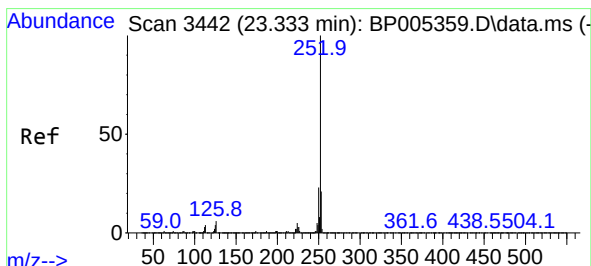
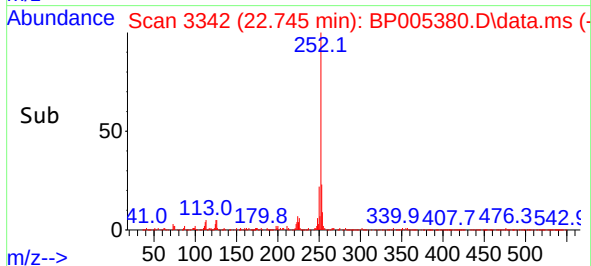
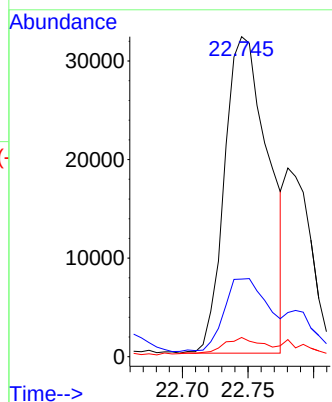
Instrument :
BNA_P
ClientSampled :
RB37708RT



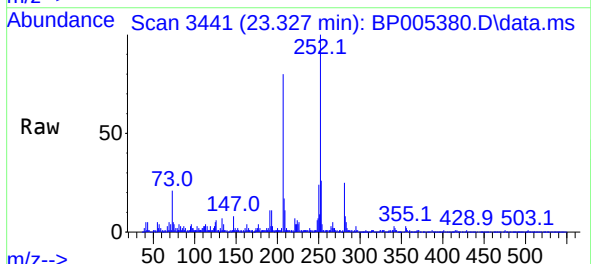
Tgt Ion:252 Resp: 74521
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 6.0 3.4 5.0#

Manual Integrations
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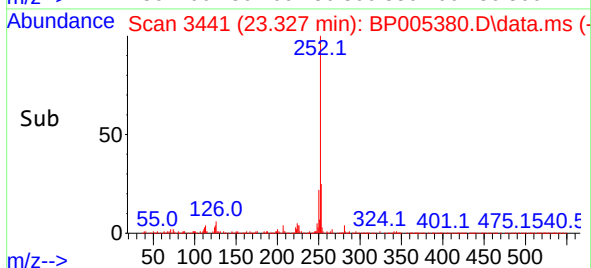
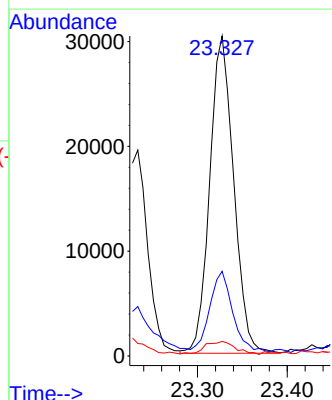
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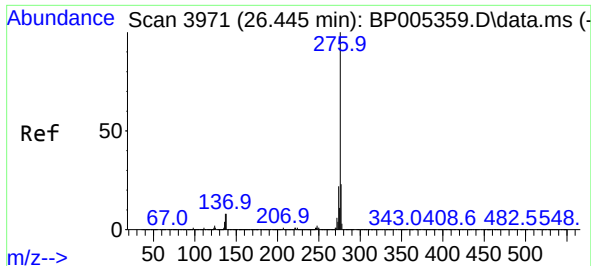


#90
Benzo(a)pyrene
Concen: 4.20 ng
RT: 23.327 min Scan# 3441
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40



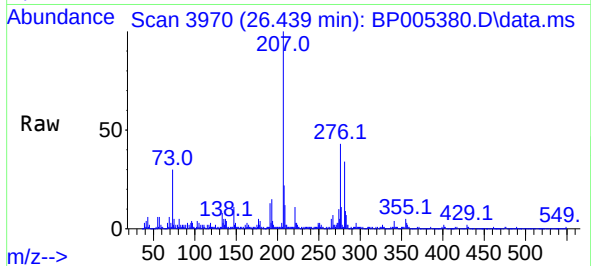
Tgt Ion:252 Resp: 56106
Ion Ratio Lower Upper
252 100
253 26.4 17.1 25.7#
125 4.6 3.8 5.6





#92
Benzo(g,h,i)perylene
Concen: 2.41 ng
RT: 26.439 min Scan# 3970
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Instrument :
BNA_P
ClientSampleId :
RB37708RT



Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.8
138	9.3	7.7	11.5

Manual Integrations
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