

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005377.D
 Acq On : 22 Apr 2021 15:59
 Operator : CG/JU
 Sample : M2075-19DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-6-SDL

Manual Integrations
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Quant Time: Apr 22 16:43:18 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	29867	20.00	ng	# 0.00
21) Naphthalene-d8	10.434	136	111140	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	76784	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	180149	20.00	ng	0.00
76) Chrysene-d12	21.169	240	226664	20.00	ng	0.00
86) Perylene-d12	23.427	264	232753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	41402	24.08	ng	0.00
7) Phenol-d6	6.834	99	53224	22.47	ng	0.00
23) Nitrobenzene-d5	8.804	82	43324	16.95	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	24188	16.47	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	76951	12.97	ng	0.00
79) Terphenyl-d14	19.645	244	134942	11.03	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.028	152	16954	2.60	ng	99
52) Acenaphthene	14.369	154	9837	2.39	ng	# 90
58) Fluorene	15.363	166	14892	2.52	ng	100
71) Phenanthrene	17.110	178	335050	34.90	ng	99
72) Anthracene	17.204	178	72098	7.71	ng	99
73) Carbazole	17.480	167	28470	3.38	ng	99
75) Fluoranthene	19.092	202	507097	38.47	ng	99
78) Pyrene	19.445	202	462075	36.36	ng	99
81) Benzo(a)anthracene	21.157	228	239494	16.42	ng	97
83) Chrysene	21.210	228	195640	13.47	ng	97
87) Indeno(1,2,3-cd)pyrene	25.739	276	109132	6.14	ng	97
88) Benzo(b)fluoranthene	22.751	252	239872m	15.65	ng	
89) Benzo(k)fluoranthene	22.786	252	65249m	4.34	ng	
90) Benzo(a)pyrene	23.327	252	182486	13.06	ng	96
92) Benzo(g,h,i)perylene	26.439	276	99661	6.91	ng	# 97

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

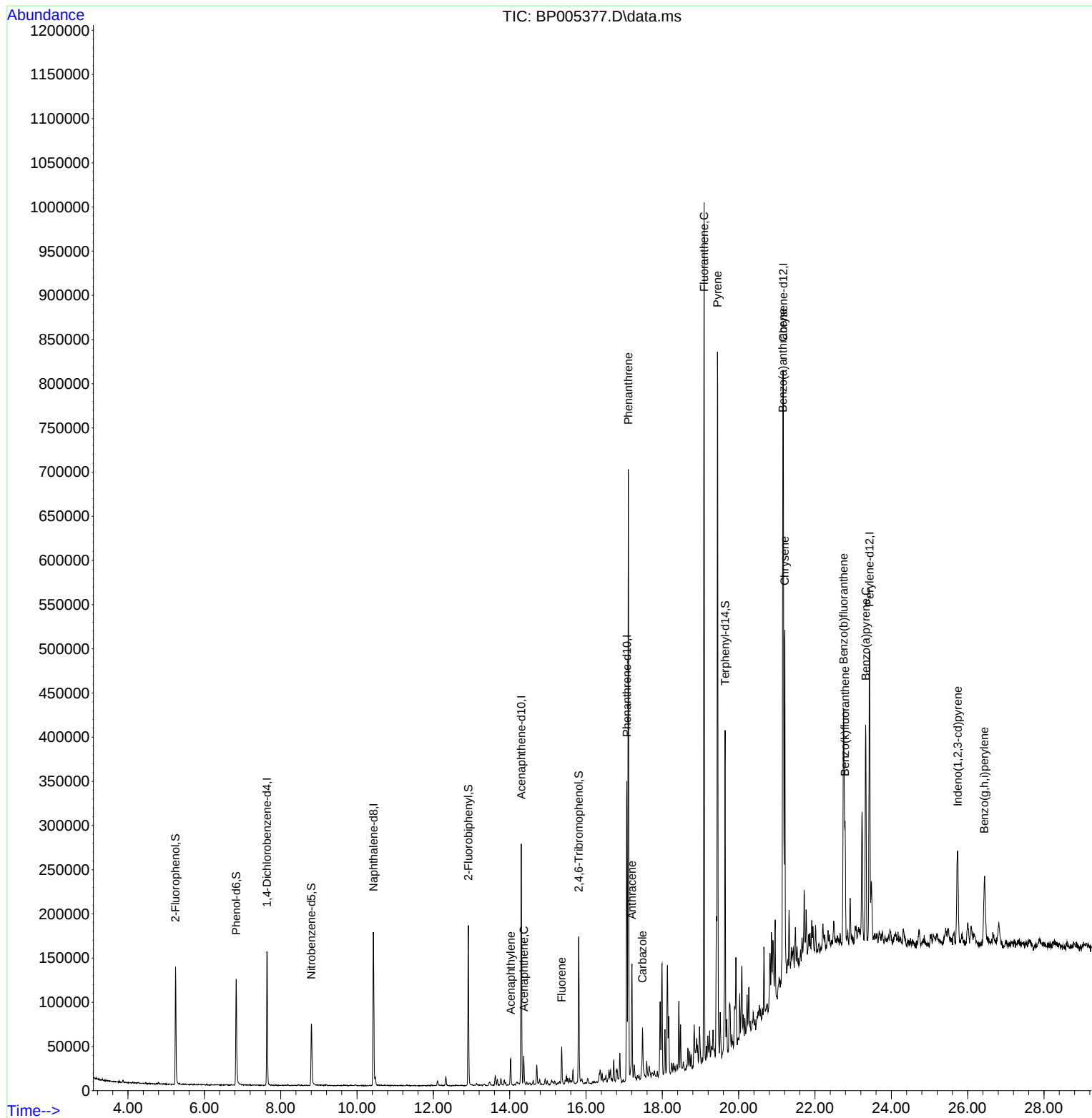
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
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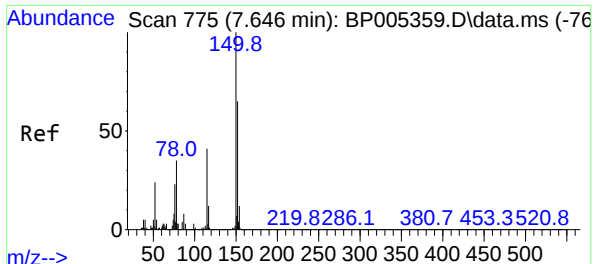
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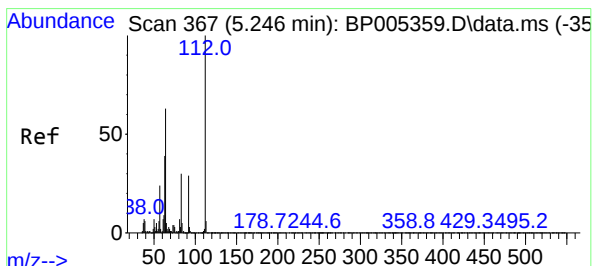
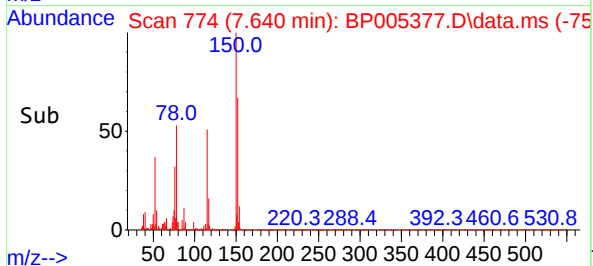
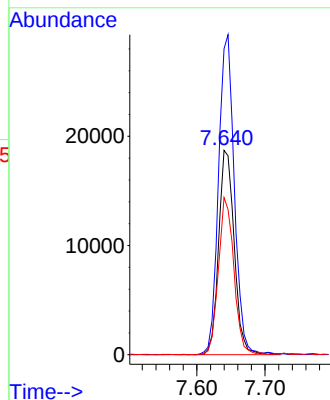
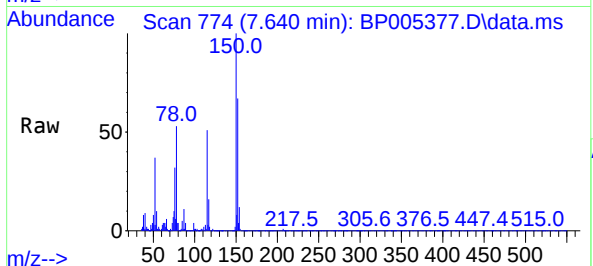
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. -0.006 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion:152 Resp: 29867
Ion Ratio Lower Upper
152 100
150 149.7 119.8 179.8
115 76.9 49.0 73.4#

Instrument :
BNA_P
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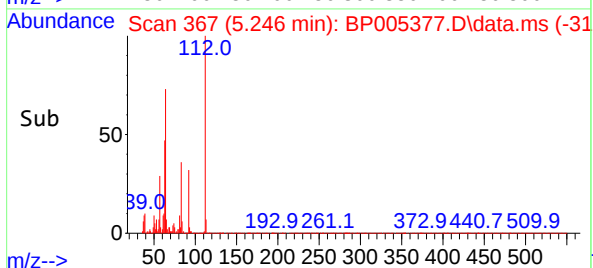
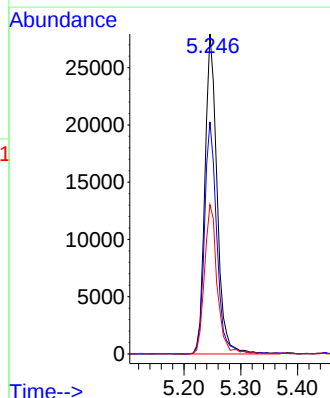
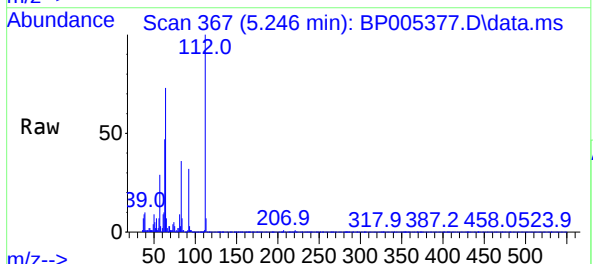
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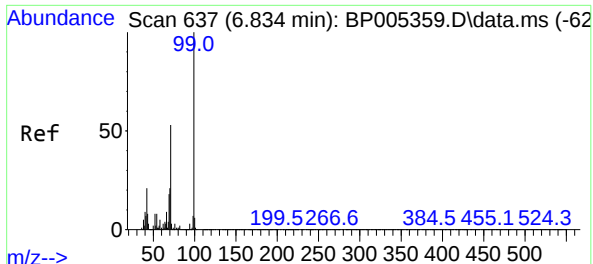
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#5
2-Fluorophenol
Concen: 24.08 ng
RT: 5.246 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion:112 Resp: 41402
Ion Ratio Lower Upper
112 100
64 72.6 33.6 50.4#
63 46.7 18.6 27.8#





#7
Phenol-d6
Concen: 22.47 ng
RT: 6.834 min Scan# 637
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

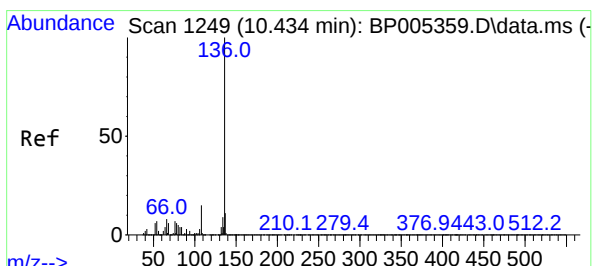
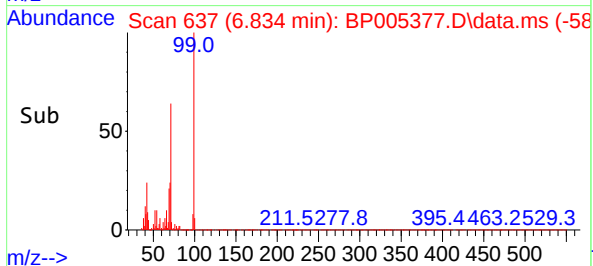
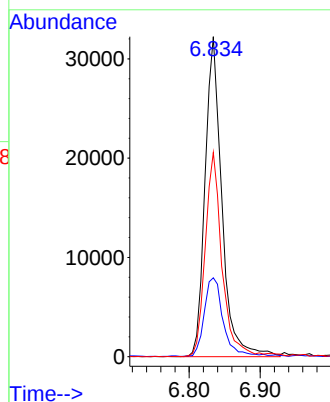
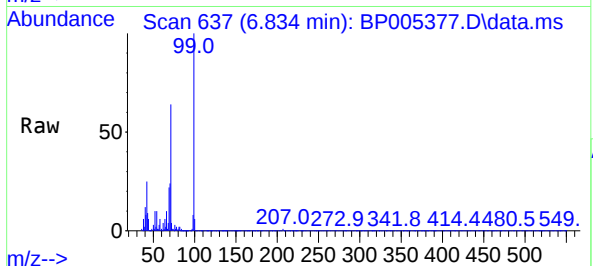
Tgt Ion: 99 Resp: 53224

Ion	Ratio	Lower	Upper
99	100		
42	24.7	12.9	19.3#
71	63.8	26.7	40.1#

Instrument :
BNA_P
ClientSampled :
TP-6-SDL

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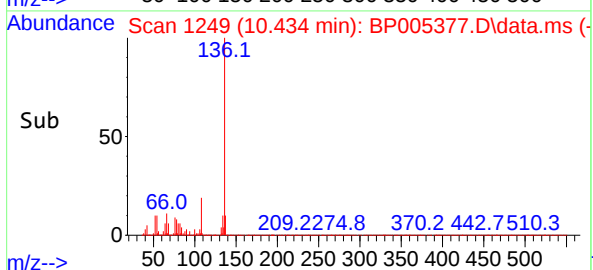
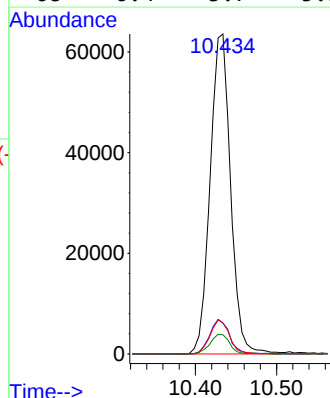
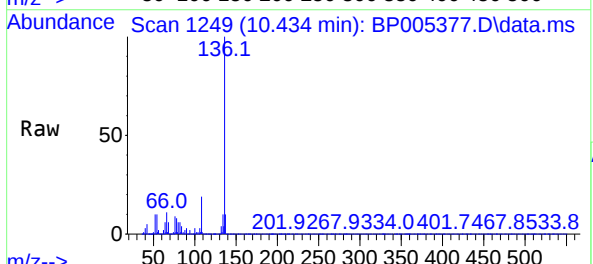
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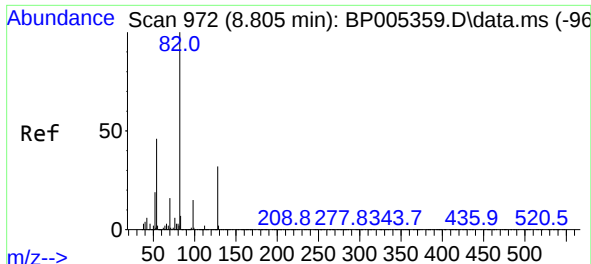


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion: 136 Resp: 111140

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.9	13.3
54	9.7	5.0	7.4#
68	6.4	3.7	5.5#





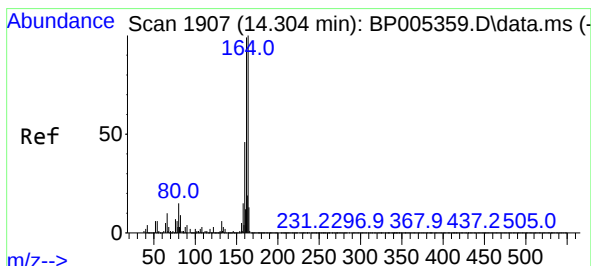
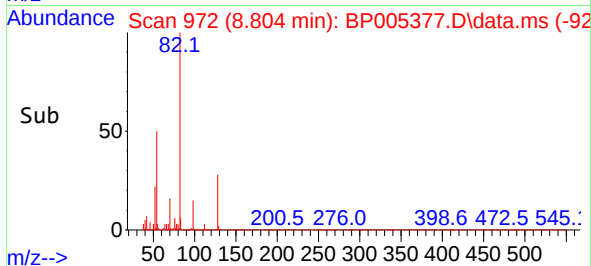
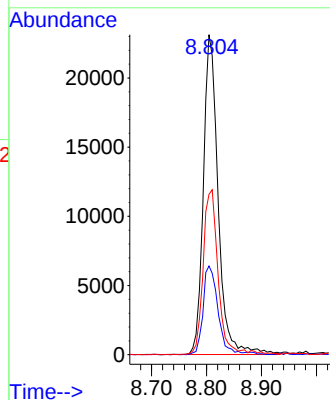
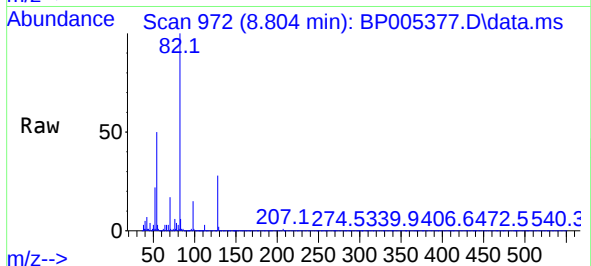
#23
Nitrobenzene-d5
Concen: 16.95 ng
RT: 8.804 min Scan# 972
Delta R.T. -0.001 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion: 82 Resp: 43324
Ion Ratio Lower Upper
82 100
128 27.7 30.5 45.7#
54 50.1 33.9 50.9

Instrument :
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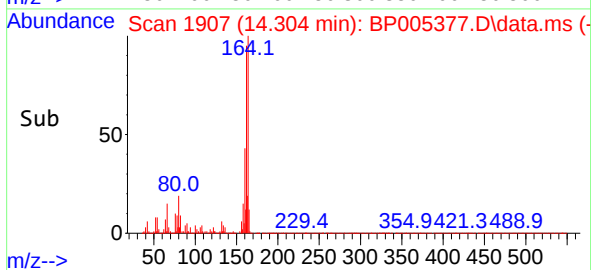
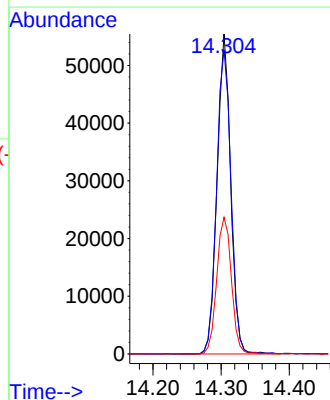
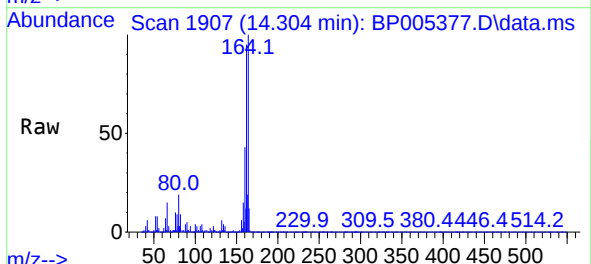
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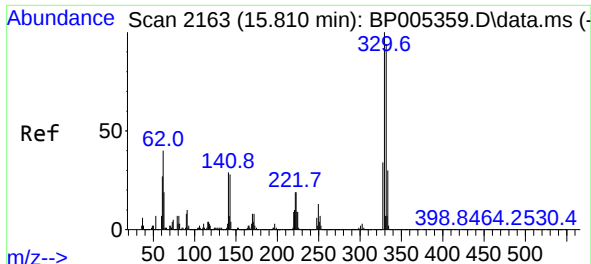
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

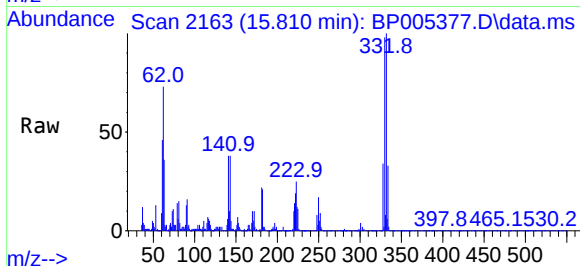
Tgt Ion:164 Resp: 76784
Ion Ratio Lower Upper
164 100
162 95.0 73.5 110.3
160 42.7 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 16.47 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

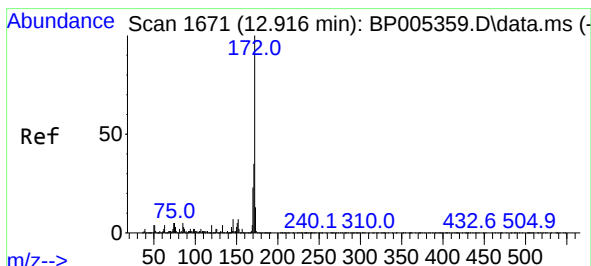
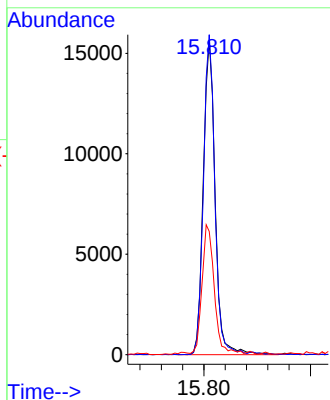
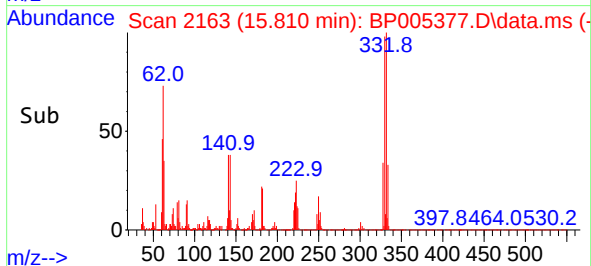
Instrument :
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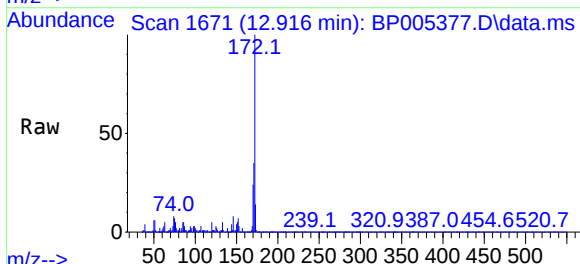
Tgt Ion:330 Resp: 24188
Ion Ratio Lower Upper
330 100
332 98.1 76.3 114.5
141 41.9 22.8 34.2#

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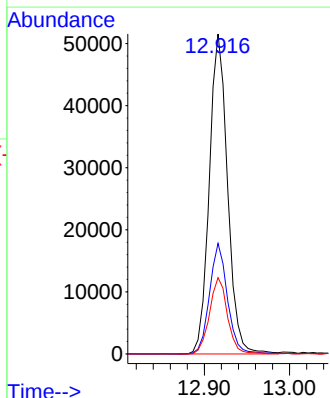
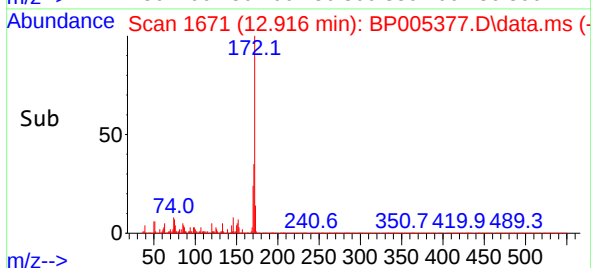
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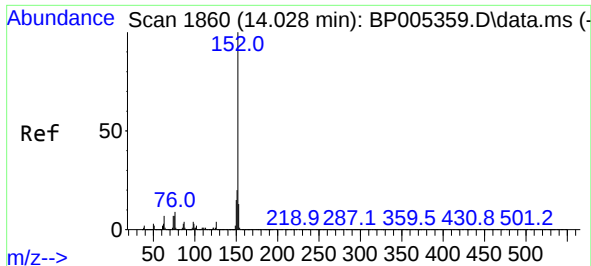


#45
2-Fluorobiphenyl
Concen: 12.97 ng
RT: 12.916 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59



Tgt Ion:172 Resp: 76951
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.9 19.6 29.4





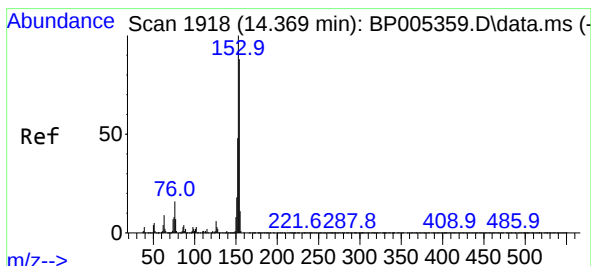
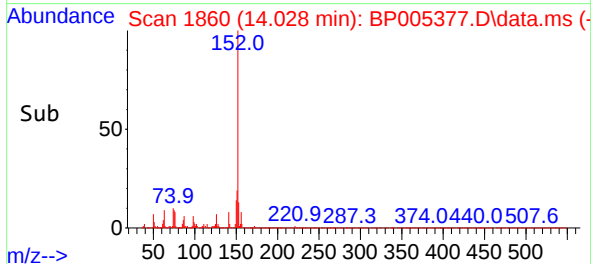
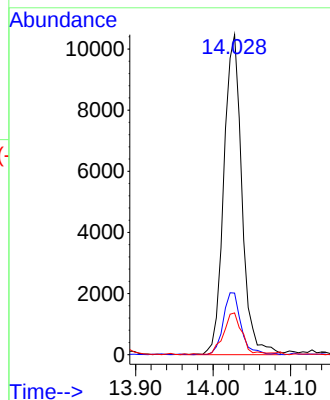
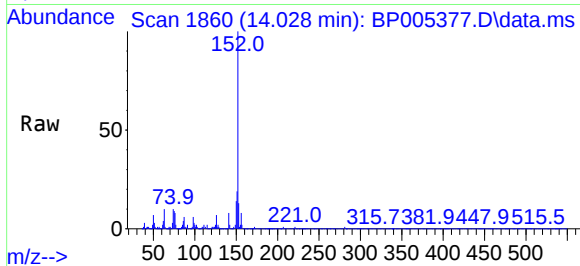
#49
Acenaphthylene
Concen: 2.60 ng
RT: 14.028 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion:	152	Resp:	16954
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.8	23.6
153	13.1	10.5	15.7

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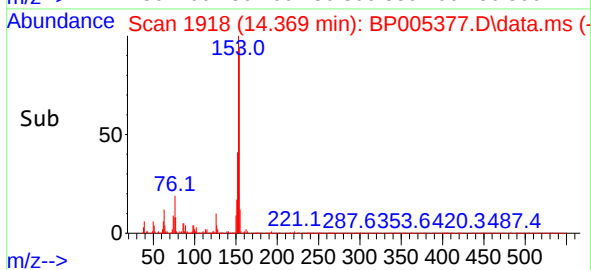
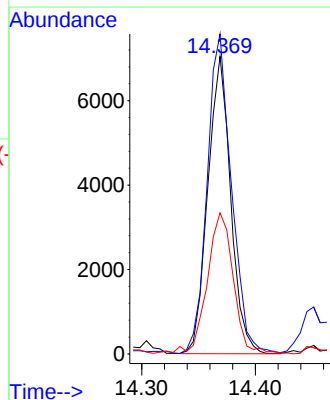
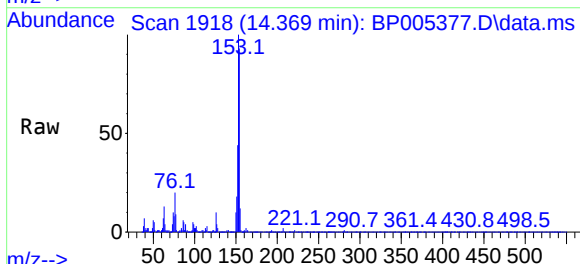
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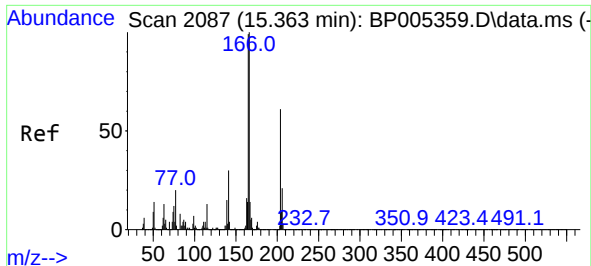
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#52
Acenaphthene
Concen: 2.39 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

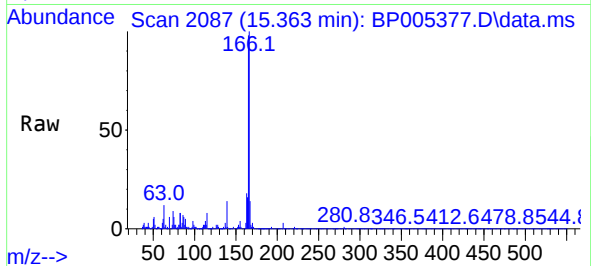
Tgt Ion:	154	Resp:	9837
Ion Ratio	Lower	Upper	
154	100		
153	107.5	90.9	136.3
152	47.4	48.5	72.7#





#58
Fluorene
Concen: 2.52 ng
RT: 15.363 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

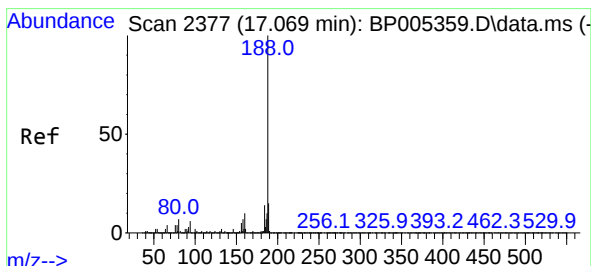
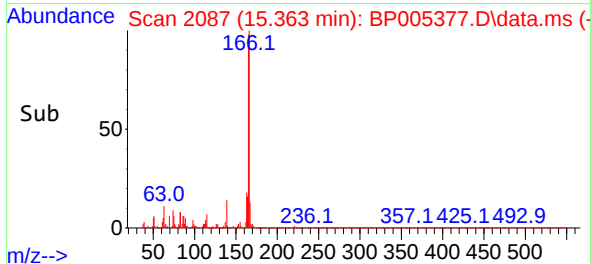
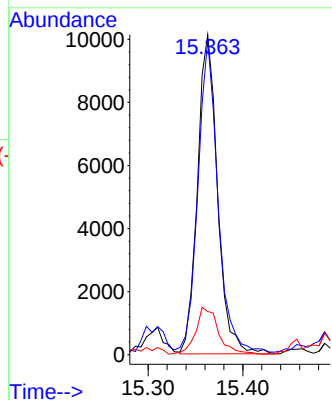
Instrument :
BNA_P
ClientSampleId :
TP-6-SDL



Tgt Ion:166 Resp: 14892
Ion Ratio Lower Upper
166 100
165 98.3 78.8 118.2
167 13.5 10.9 16.3

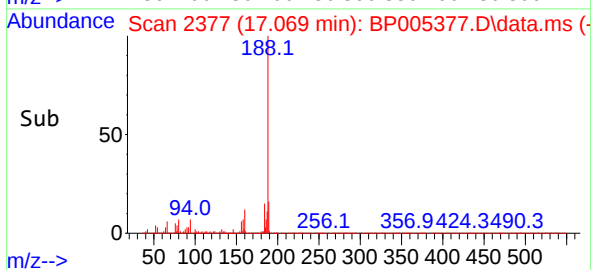
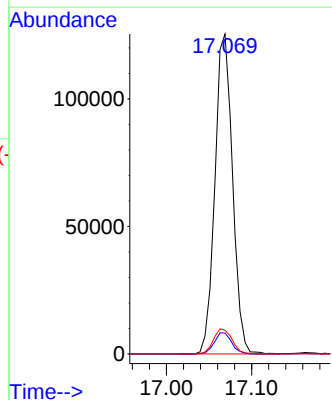
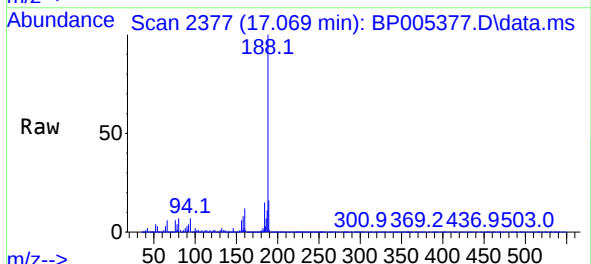
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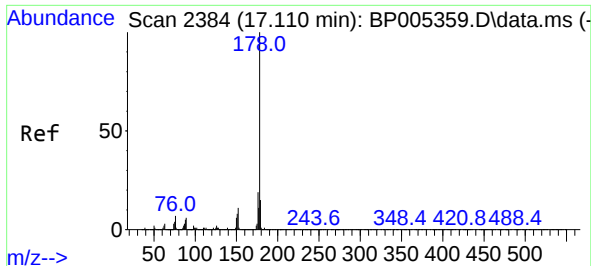
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion:188 Resp: 180149
Ion Ratio Lower Upper
188 100
94 6.5 5.0 7.6
80 7.4 5.9 8.9





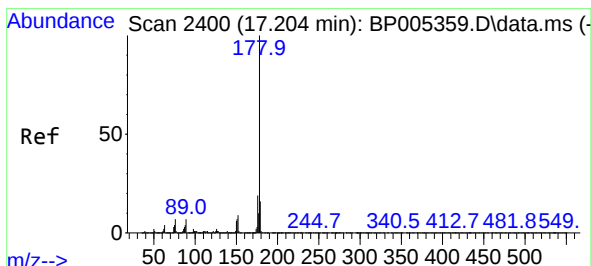
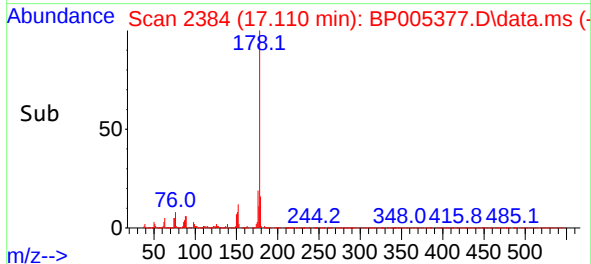
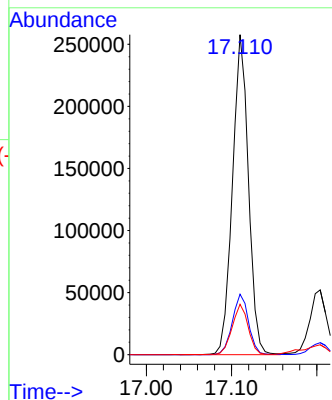
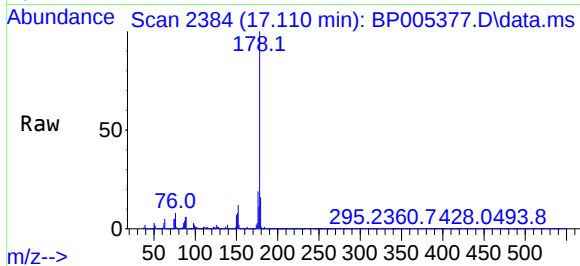
#71
Phenanthrene
Concen: 34.90 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion:178 Resp: 335050
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.8 12.3 18.5

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TP-6-SDL

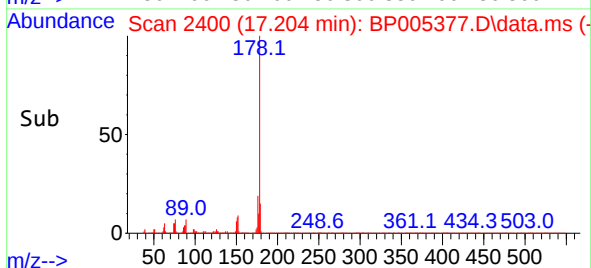
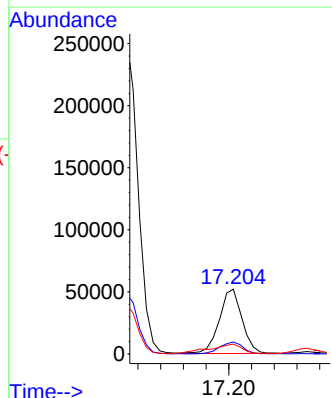
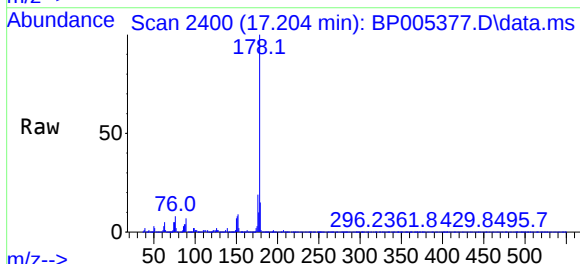
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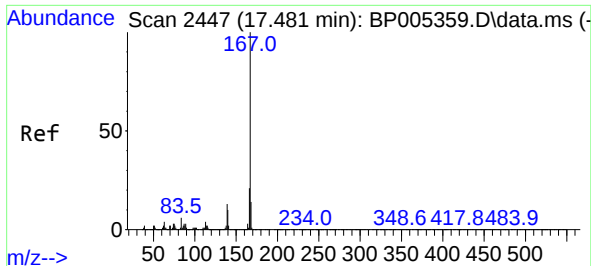
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#72
Anthracene
Concen: 7.71 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

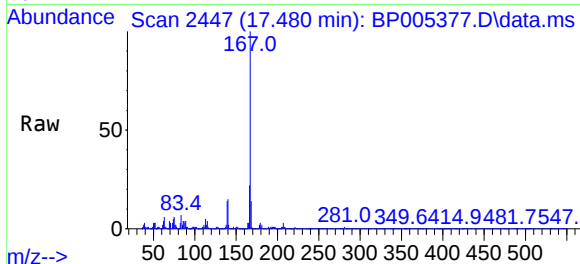
Tgt Ion:178 Resp: 72098
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.3 12.6 19.0





#73
 Carbazole
 Concen: 3.38 ng
 RT: 17.480 min Scan# 2447
 Delta R.T. -0.000 min
 Lab File: BP005377.D
 Acq: 22 Apr 2021 15:59

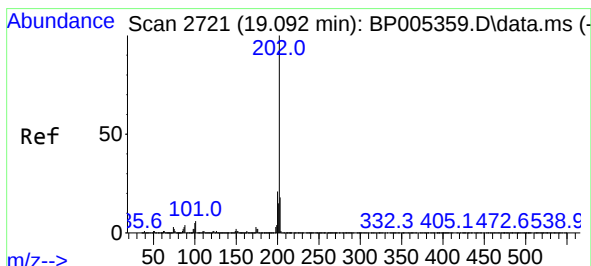
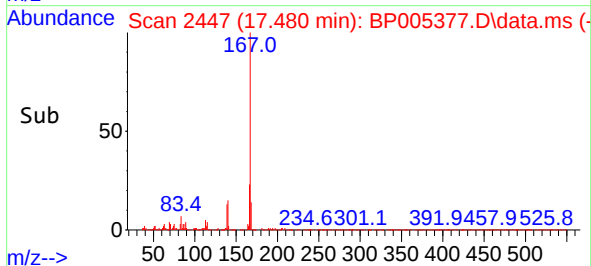
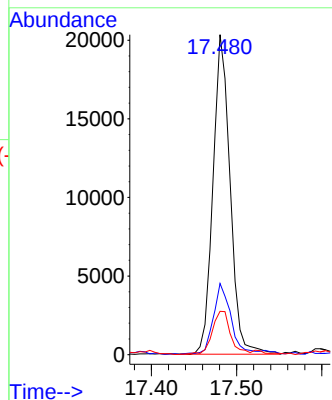
Instrument :
 BNA_P
 ClientSampleId :
 TP-6-SDL



Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.5	10.4	15.6

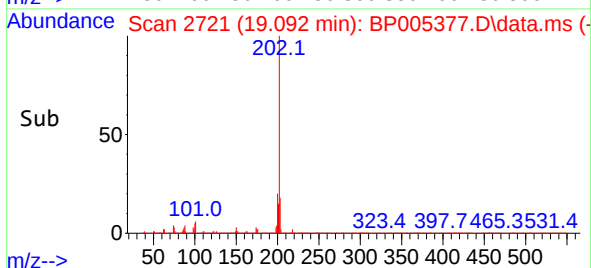
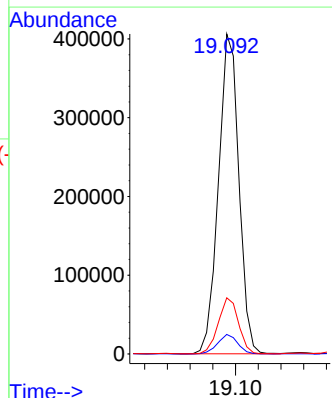
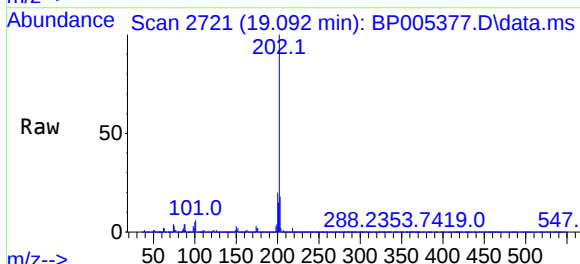
Manual Integrations
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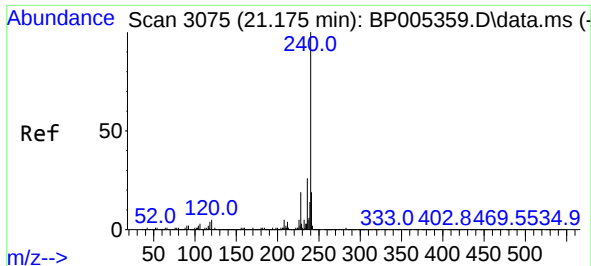
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#75
 Fluoranthene
 Concen: 38.47 ng
 RT: 19.092 min Scan# 2721
 Delta R.T. -0.000 min
 Lab File: BP005377.D
 Acq: 22 Apr 2021 15:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	26.1
203	17.6	0.0	37.2





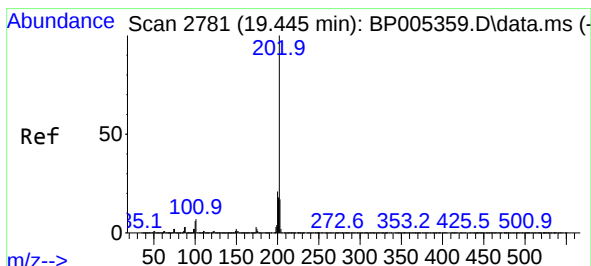
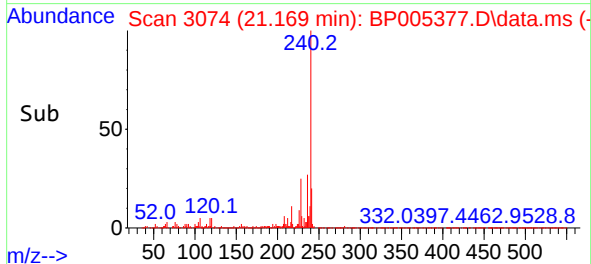
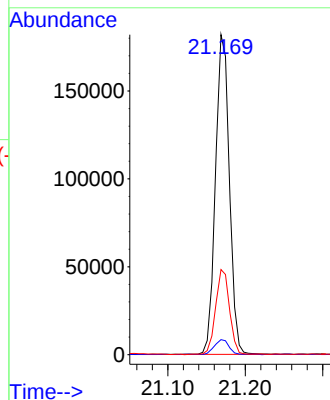
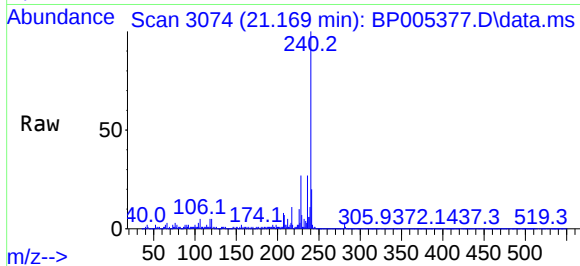
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.169 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion:	240	Resp:	226664
Ion Ratio	Lower	Upper	
240	100		
120	4.7	4.2	6.2
236	26.6	20.2	30.2

Instrument :
BNA_P
ClientSampleId :
TP-6-SDL

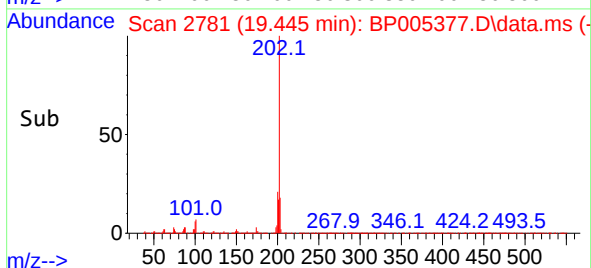
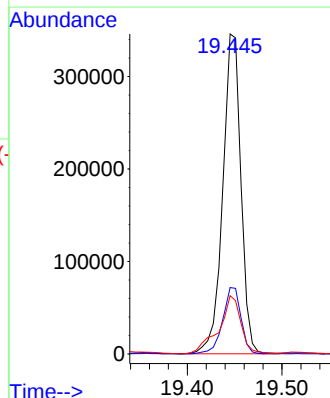
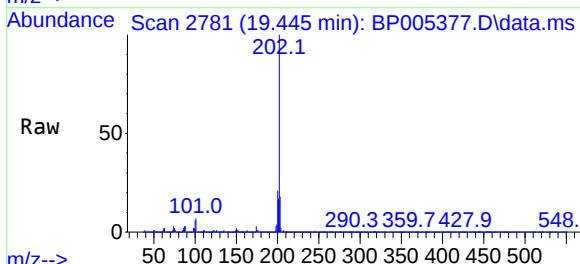
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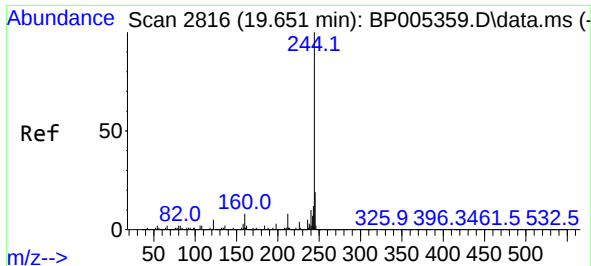
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#78
Pyrene
Concen: 36.36 ng
RT: 19.445 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

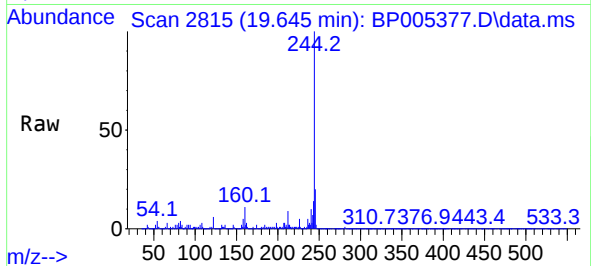
Tgt Ion:	202	Resp:	462075
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	18.2	13.8	20.6





#79
Terphenyl-d14
Concen: 11.03 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

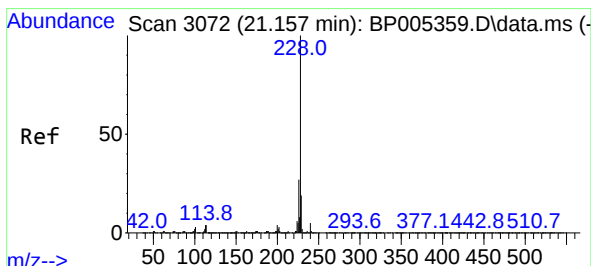
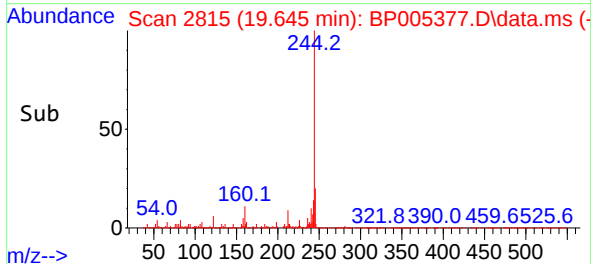
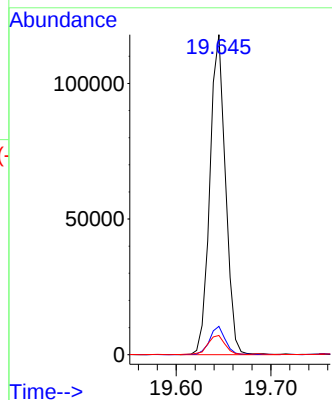
Instrument :
BNA_P
ClientSampled :
TP-6-SDL



Tgt Ion:244 Resp: 134942
Ion Ratio Lower Upper
244 100
212 8.8 5.8 8.6#
122 6.0 5.2 7.8

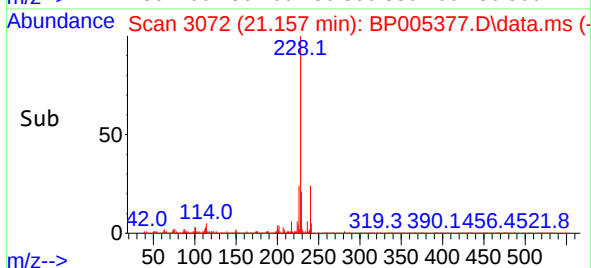
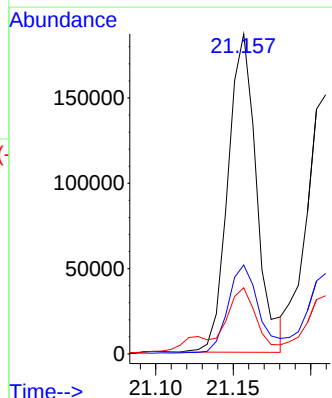
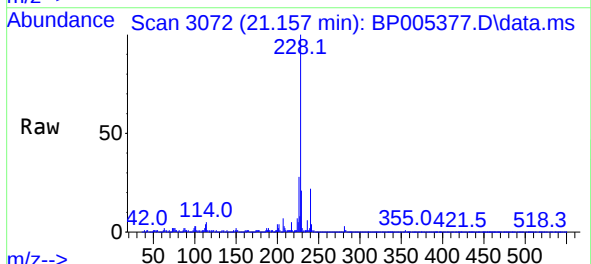
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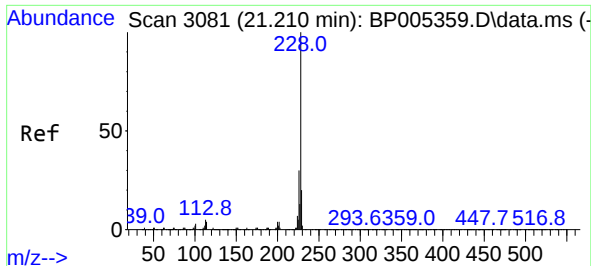
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#81
Benzo(a)anthracene
Concen: 16.42 ng
RT: 21.157 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion:228 Resp: 239494
Ion Ratio Lower Upper
228 100
226 27.8 21.2 31.8
229 20.7 15.6 23.4





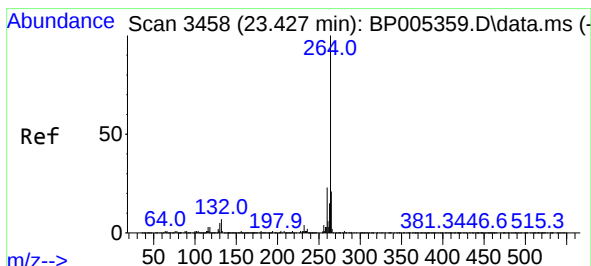
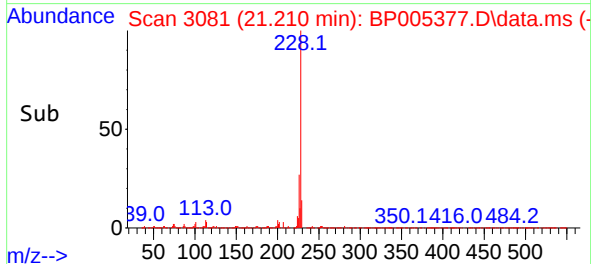
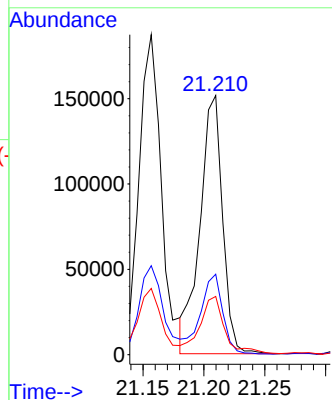
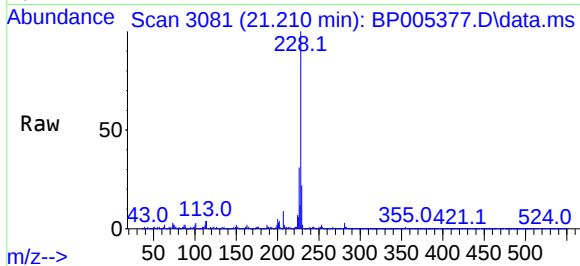
#83
Chrysene
Concen: 13.47 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion:	228	Resp:	195640
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.8	37.2
229	22.5	15.4	23.0

Instrument :
BNA_P
ClientSampleId :
TP-6-SDL

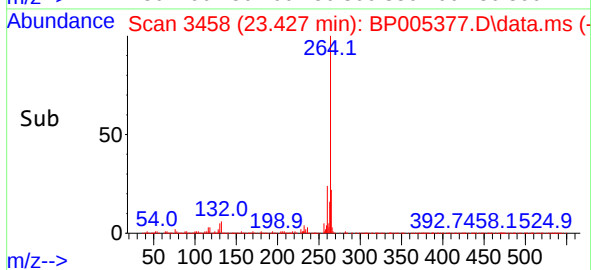
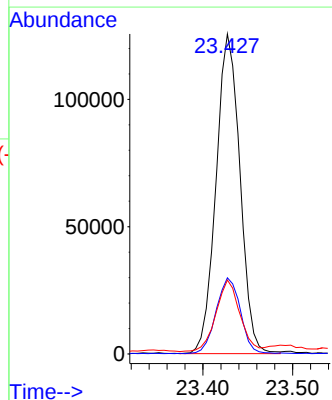
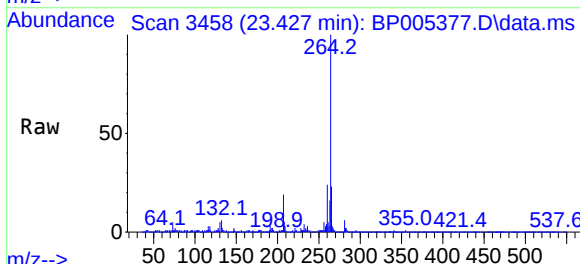
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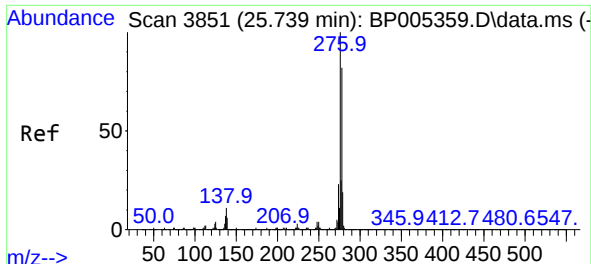
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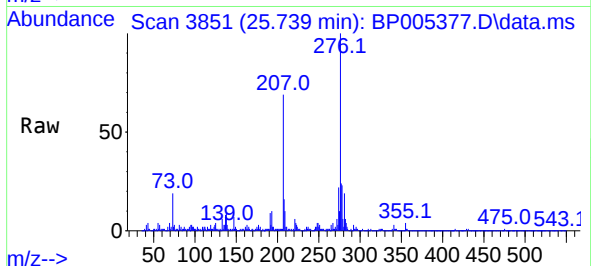
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

Tgt Ion:	264	Resp:	232753
Ion Ratio	Lower	Upper	
264	100		
260	23.8	20.6	30.8
265	23.1	19.0	28.6

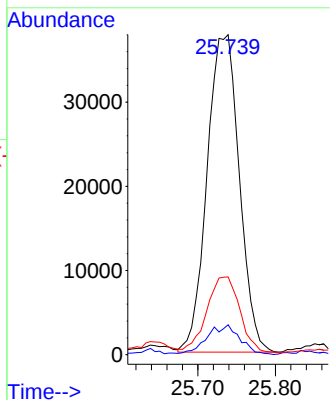
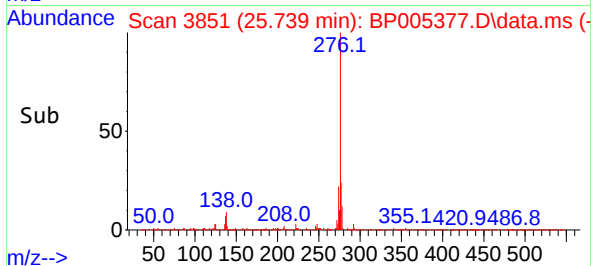




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.14 ng
RT: 25.739 min Scan# 3851
Delta R.T. -0.000 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59



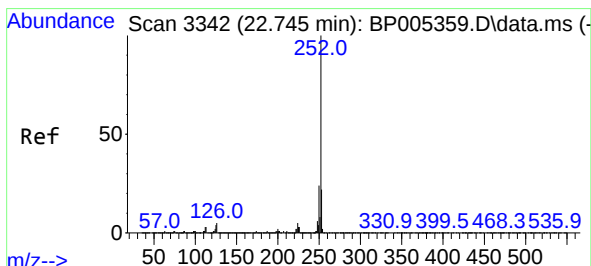
Tgt Ion: 276 Resp: 109132
Ion Ratio Lower Upper
276 100
138 9.5 8.4 12.6
277 24.4 20.6 31.0



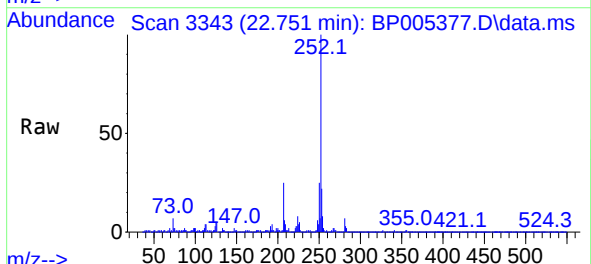
Instrument :
BNA_P
ClientSampleId :
TP-6-SDL

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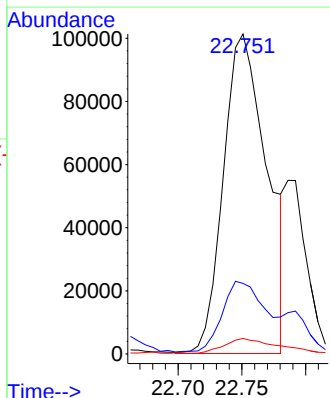
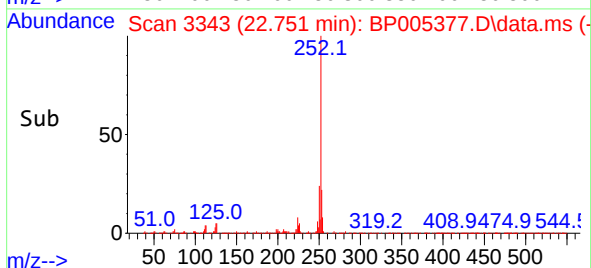
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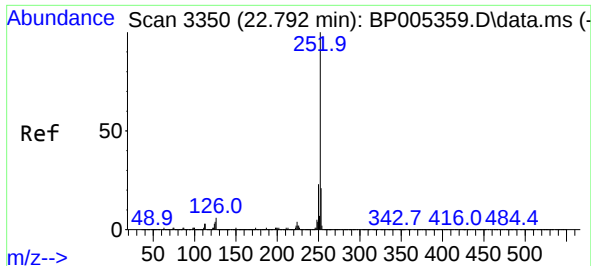


#88
Benzo(b)fluoranthene
Concen: 15.65 ng m
RT: 22.751 min Scan# 3343
Delta R.T. 0.006 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59



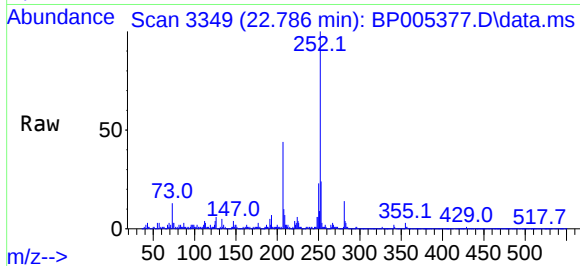
Tgt Ion: 252 Resp: 239872
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 4.9 3.4 5.0





#89
Benzo(k)fluoranthene
Concen: 4.34 ng m
RT: 22.786 min Scan# 3349
Delta R.T. -0.006 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59

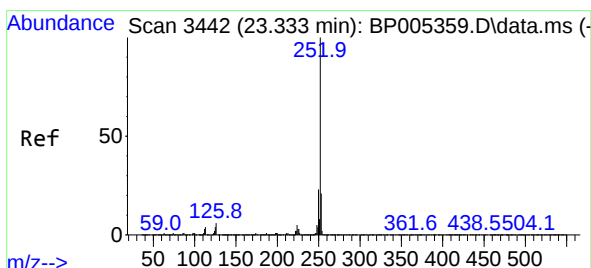
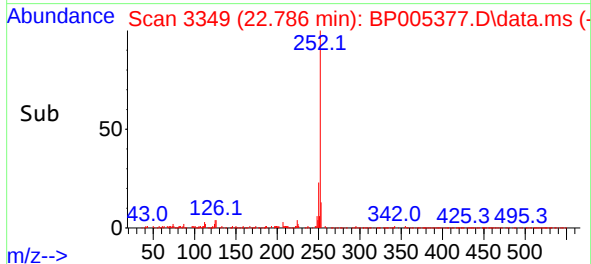
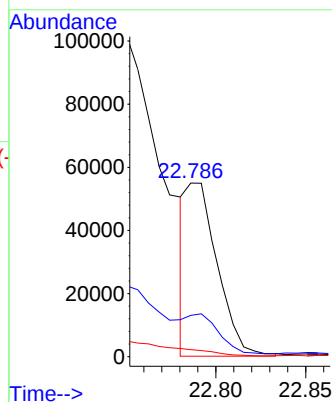
Instrument :
BNA_P
ClientSampleId :
TP-6-SDL



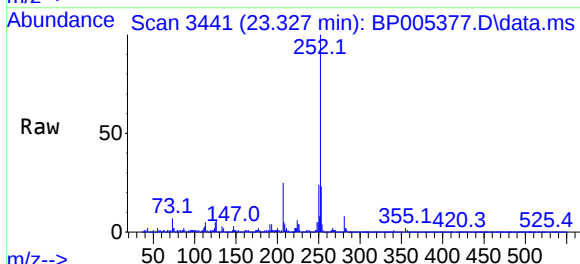
Tgt Ion:252 Resp: 65249
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 4.1 3.8 5.6

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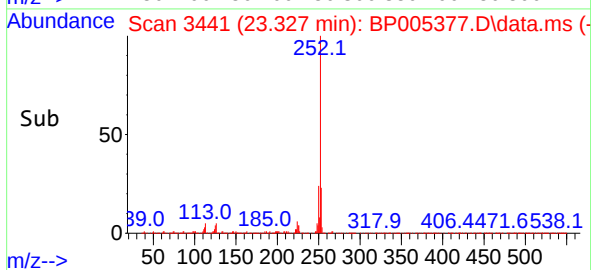
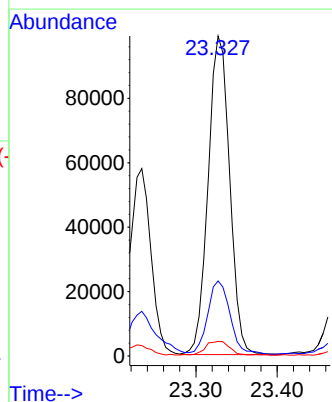
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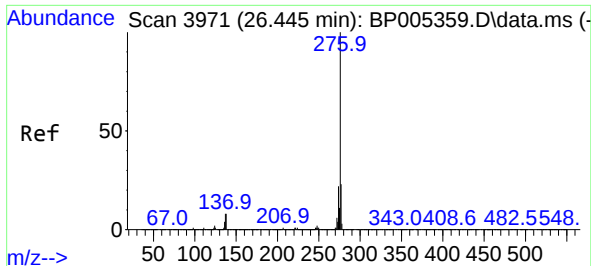


#90
Benzo(a)pyrene
Concen: 13.06 ng
RT: 23.327 min Scan# 3441
Delta R.T. -0.006 min
Lab File: BP005377.D
Acq: 22 Apr 2021 15:59



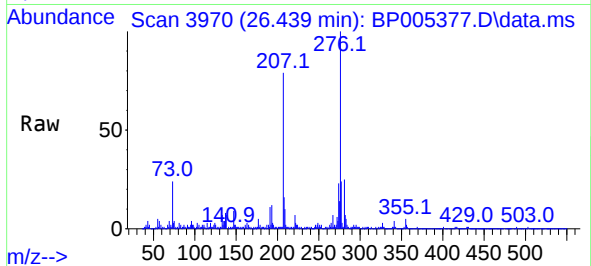
Tgt Ion:252 Resp: 182486
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 4.5 3.8 5.6





#92
 Benzo(g,h,i)perylene
 Concen: 6.91 ng
 RT: 26.439 min Scan# 3970
 Delta R.T. -0.006 min
 Lab File: BP005377.D
 Acq: 22 Apr 2021 15:59

Instrument :
 BNA_P
 ClientSampleId :
 TP-6-SDL



Tgt Ion: 276 Resp: 99661

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.8
138	7.2	7.7	11.5#

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