

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
 Data File : BP005603.D
 Acq On : 18 May 2021 16:44
 Operator : CG/JU
 Sample : M2366-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JG-SPOILS-5-11-21-B

Manual Integrations
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Quant Time: May 19 02:16:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 17 15:35:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	9848	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	32247	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	26574	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	66330	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	98693	20.00	ng	# 0.00
86) Perylene-d12	23.463	264	119649	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	6216	12.11	ng	0.01
7) Phenol-d6	6.869	99	23276	36.38	ng	0.00
23) Nitrobenzene-d5	8.828	82	52177	63.69	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	4116	5.46	ng	0.01
45) 2-Fluorobiphenyl	12.928	172	127412	54.09	ng	0.00
79) Terphenyl-d14	19.645	244	305849	52.63	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.787	163	15987	6.97	ng	# 93
71) Phenanthrene	17.116	178	15984	4.24	ng	96
75) Fluoranthene	19.092	202	27442	5.29	ng	95
78) Pyrene	19.445	202	25998	4.65	ng	97
81) Benzo(a)anthracene	21.157	228	14921	2.33	ng	98
83) Chrysene	21.210	228	14876m	2.40	ng	
88) Benzo(b)fluoranthene	22.774	252	21235	2.66	ng	# 96

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

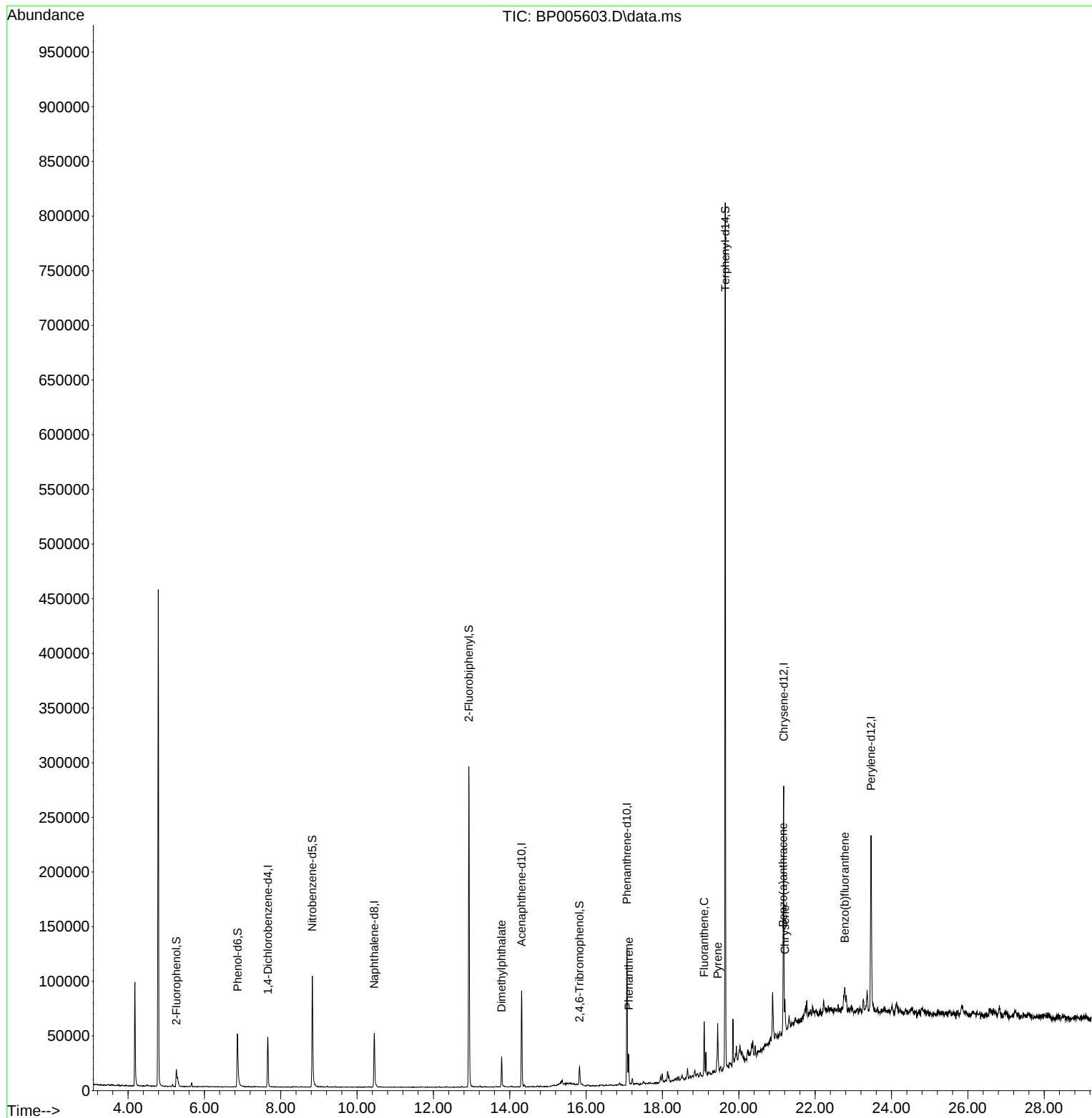
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
Data File : BP005603.D
Acq On : 18 May 2021 16:44
Operator : CG/JU
Sample : M2366-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

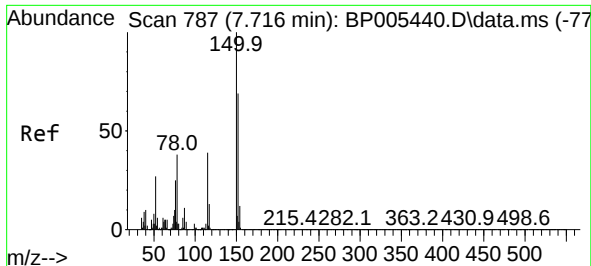
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-B

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





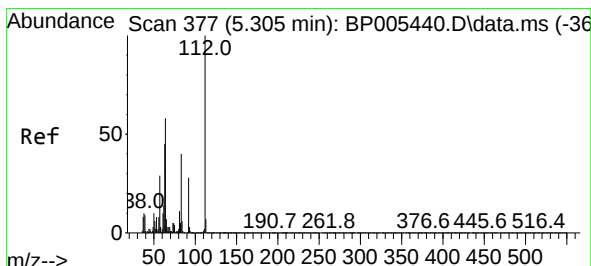
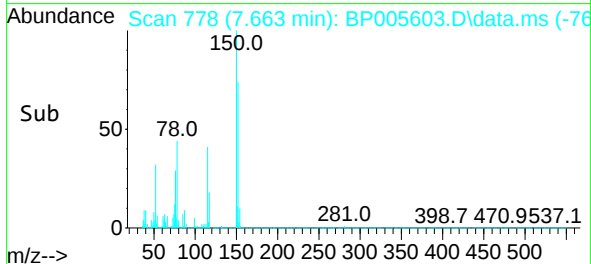
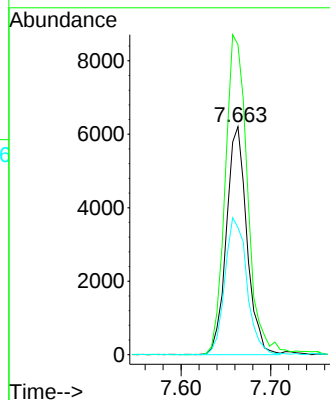
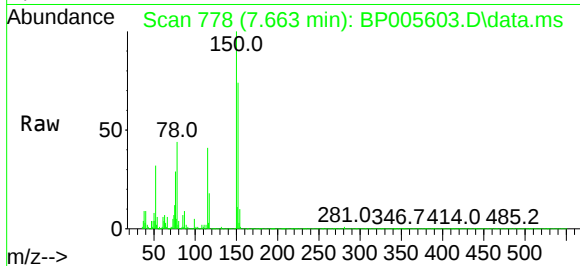
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

Tgt Ion	Ratio	Lower	Upper
152	100		
150	136.0	119.8	179.8
115	55.7	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
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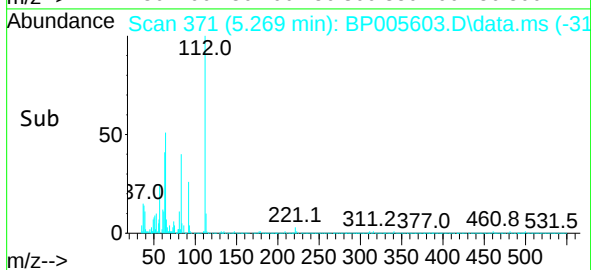
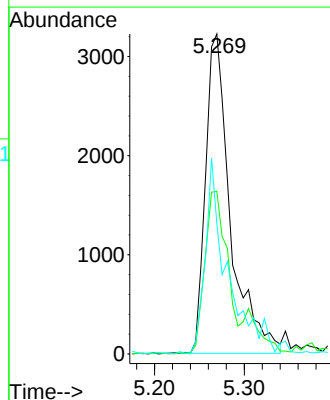
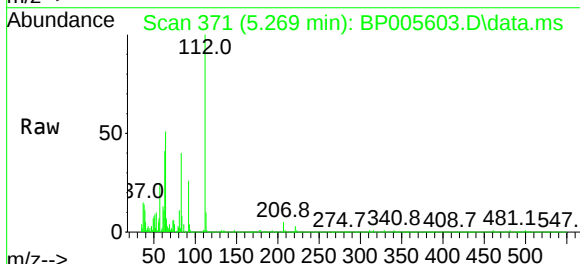
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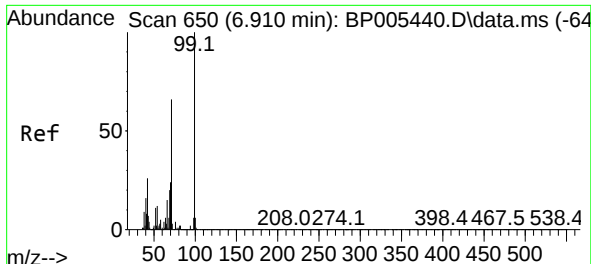
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#5
2-Fluorophenol
Concen: 12.11 ng
RT: 5.269 min Scan# 371
Delta R.T. 0.012 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

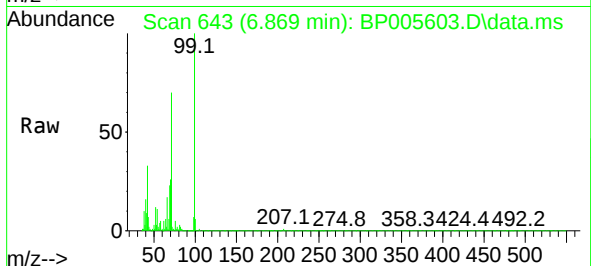
Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	33.6	50.4#
63	40.8	18.6	27.8#





#7
Phenol-d6
Concen: 36.38 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

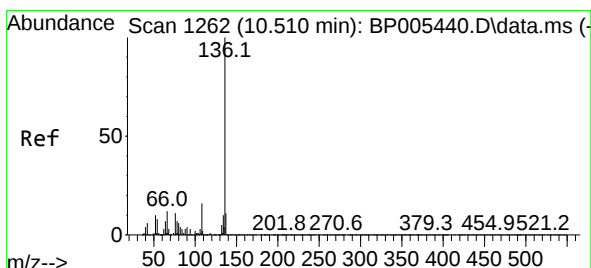
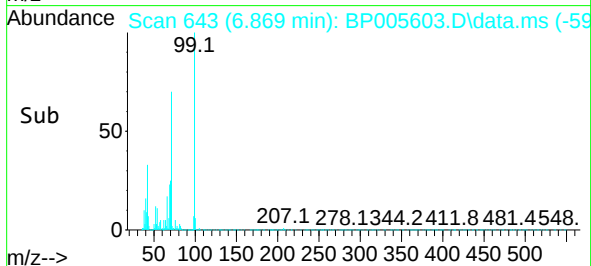
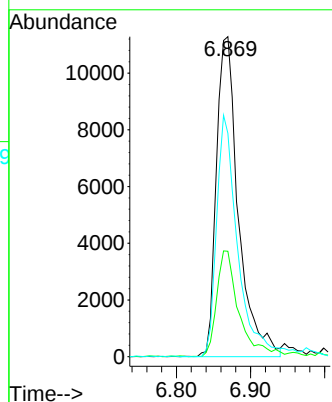
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BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 23276
Ion Ratio Lower Upper
99 100
42 32.9 12.9 19.3#
71 69.8 26.7 40.1#

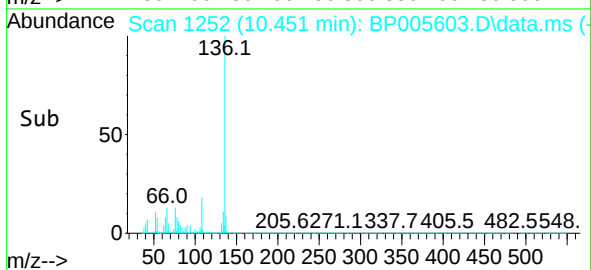
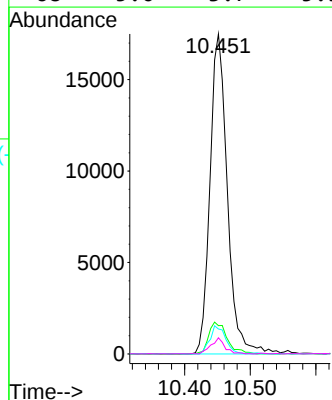
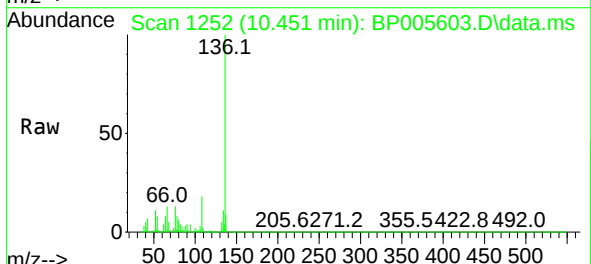
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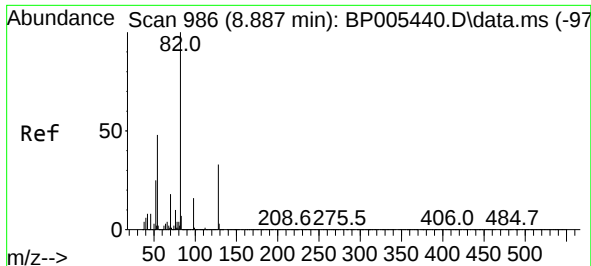
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

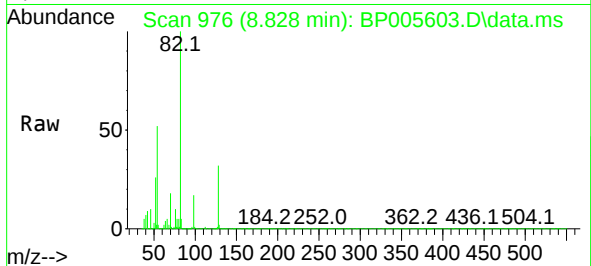
Tgt Ion: 136 Resp: 32247
Ion Ratio Lower Upper
136 100
137 8.8 8.9 13.3#
54 7.8 5.0 7.4#
68 5.0 3.7 5.5





#23
Nitrobenzene-d5
Concen: 63.69 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

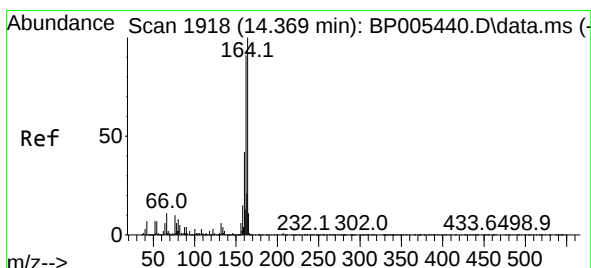
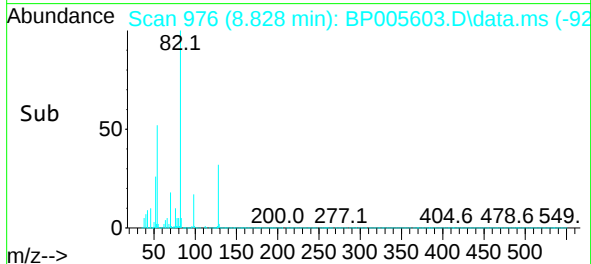
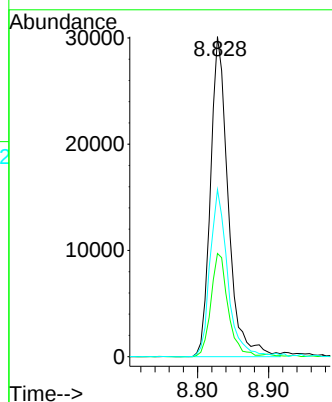
Instrument :
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ClientSampleId :
JG-SPOILS-5-11-21-B



Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.2	30.5	45.7
54	52.2	33.9	50.9#

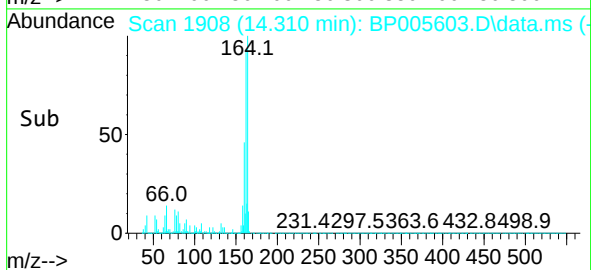
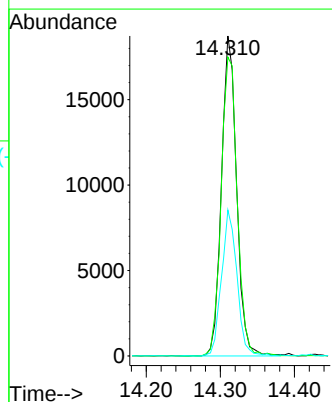
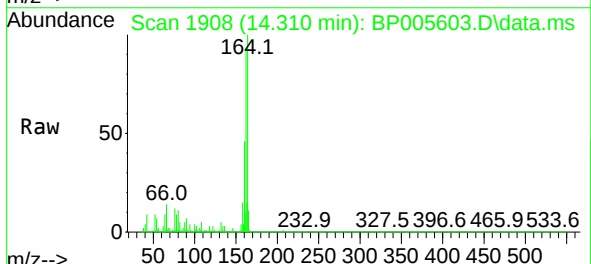
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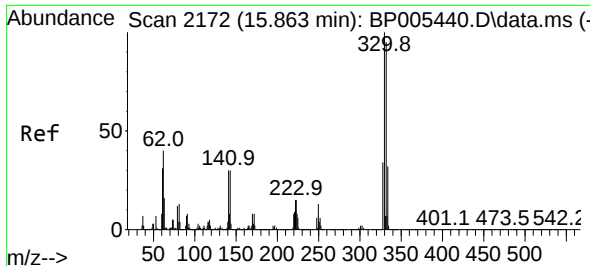
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

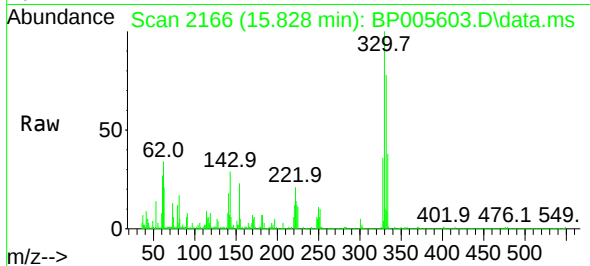
Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.4	73.5	110.3
160	45.6	40.6	61.0





#42
2,4,6-Tribromophenol
Concen: 5.46 ng
RT: 15.828 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

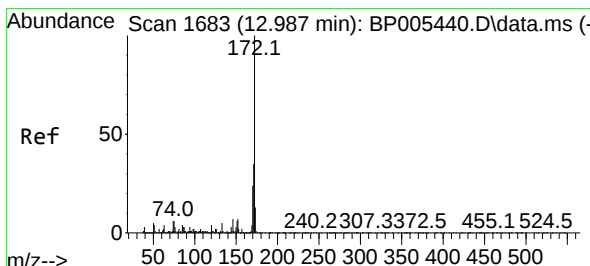
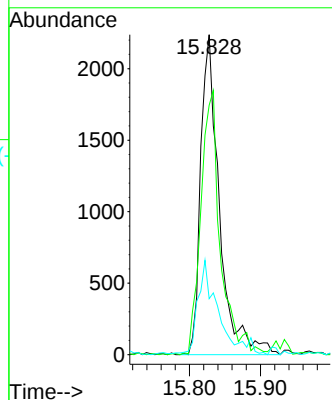
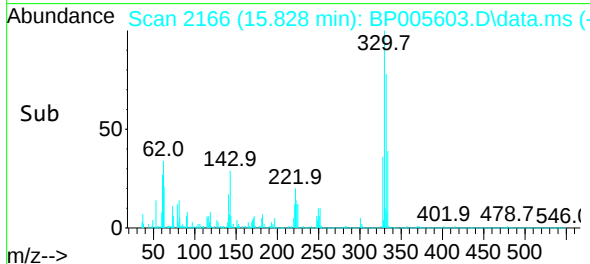
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-B



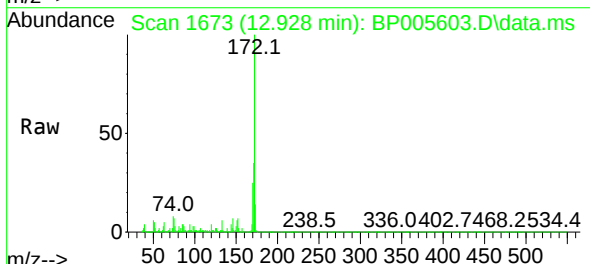
Tgt Ion:330 Resp: 4116
Ion Ratio Lower Upper
330 100
332 86.0 76.3 114.5
141 28.4 22.8 34.2

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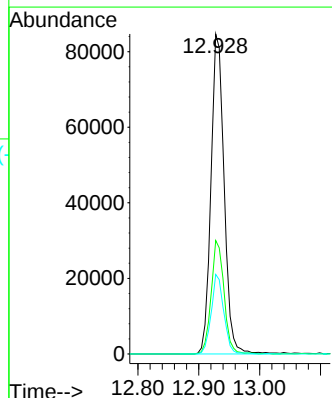
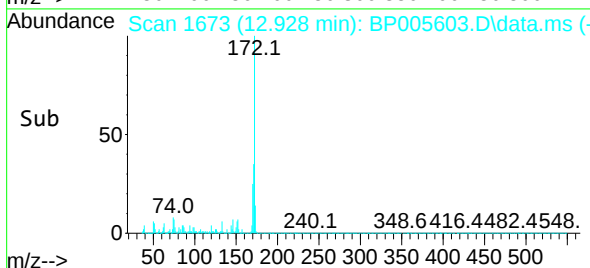
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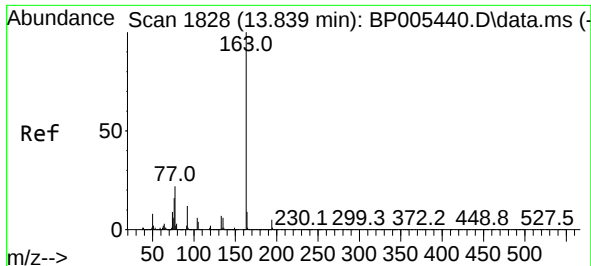


#45
2-Fluorobiphenyl
Concen: 54.09 ng
RT: 12.928 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44



Tgt Ion:172 Resp: 127412
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.9 19.6 29.4





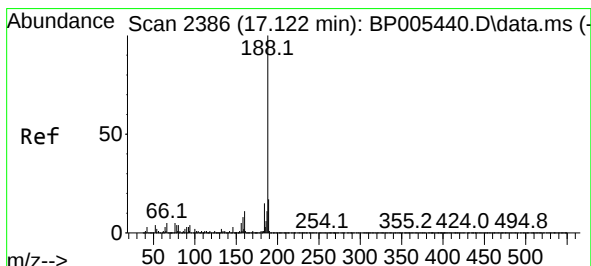
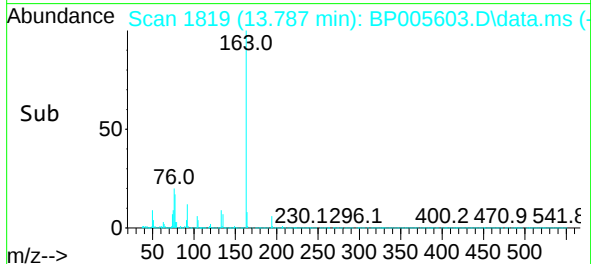
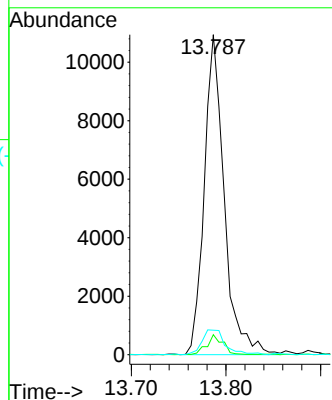
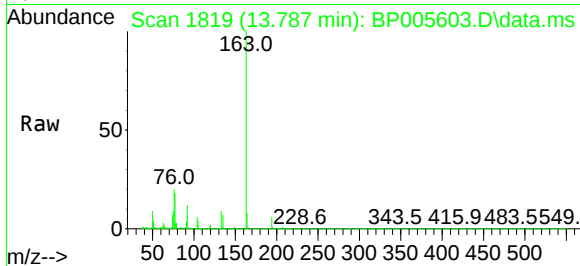
#50
Dimethylphthalate
Concen: 6.97 ng
RT: 13.787 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.1	3.9	5.9#
164	7.6	8.1	12.1#

Instrument :
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ClientSampleId :
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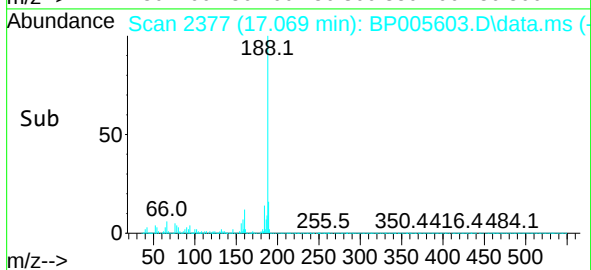
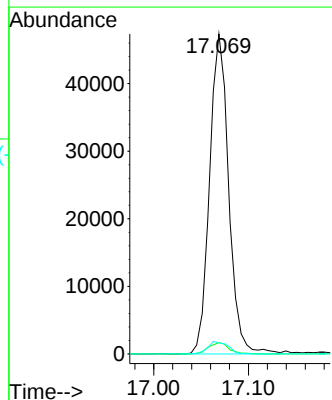
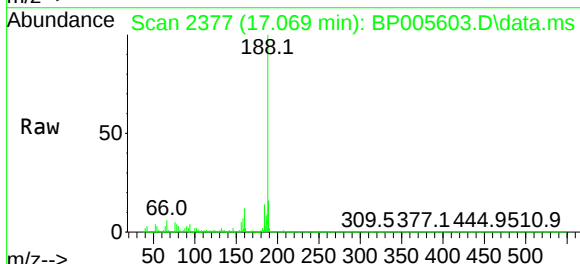
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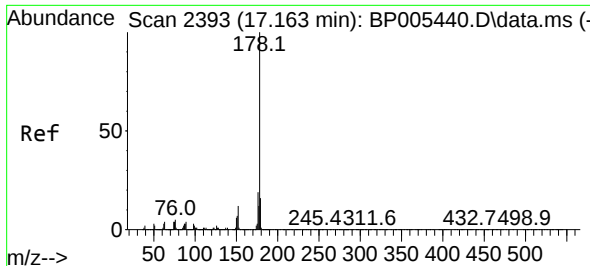
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.5	5.0	7.6#
80	3.4	5.9	8.9#





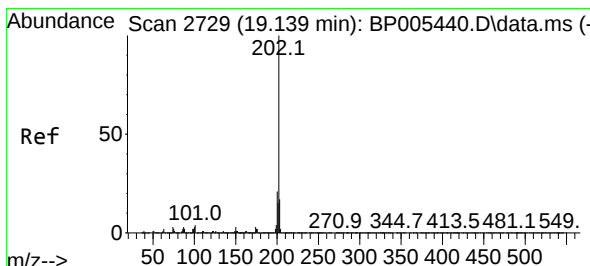
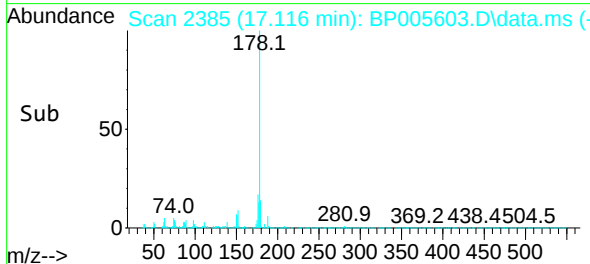
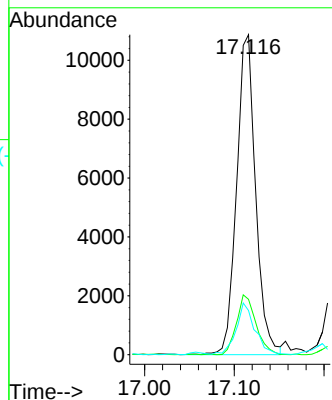
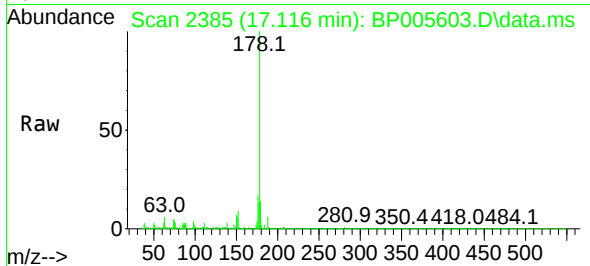
#71
Phenanthrene
Concen: 4.24 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

Tgt Ion:	178	Resp:	15984
Ion Ratio	Lower	Upper	
178	100		
176	17.3	15.4	23.2
179	13.8	12.3	18.5

Instrument :
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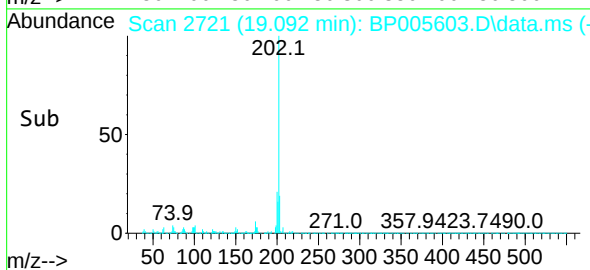
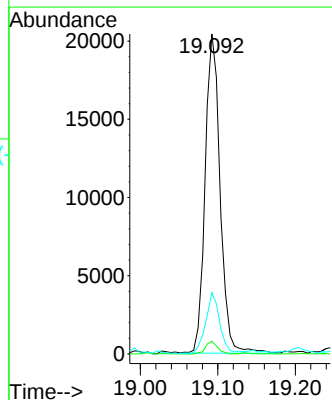
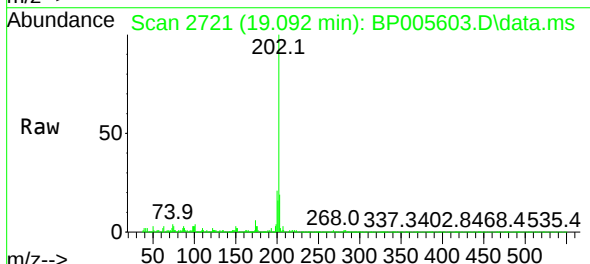
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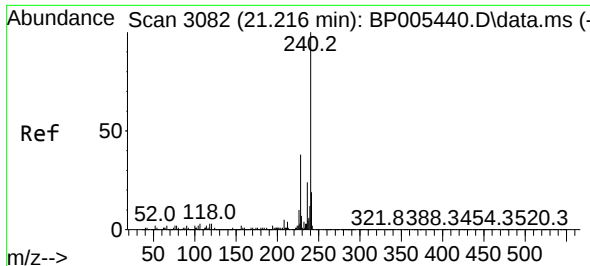
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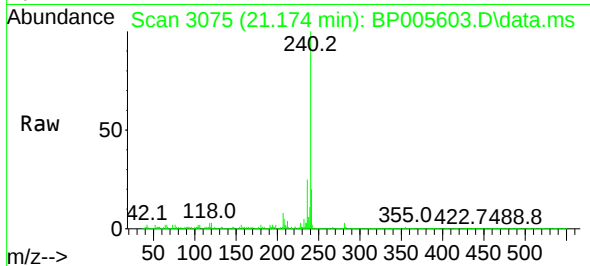
#75
Fluoranthene
Concen: 5.29 ng
RT: 19.092 min Scan# 2721
Delta R.T. -0.006 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

Tgt Ion:	202	Resp:	27442
Ion Ratio	Lower	Upper	
202	100		
101	4.0	0.0	26.1
203	19.2	0.0	37.2

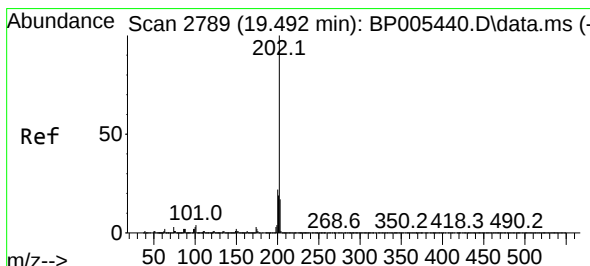
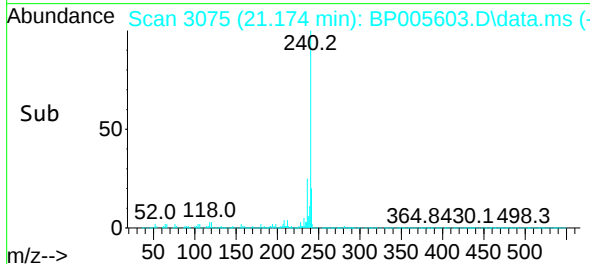
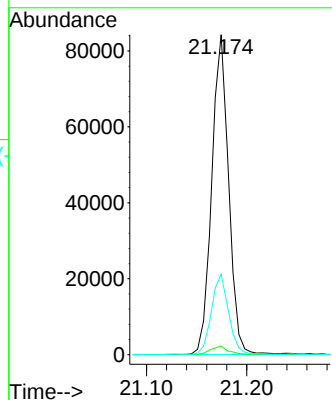




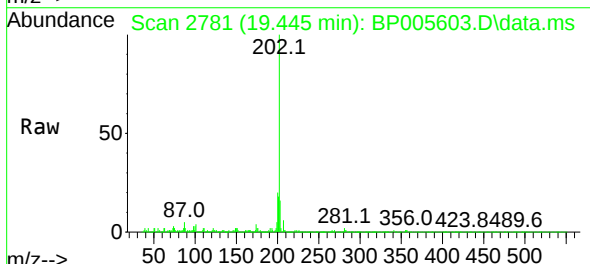
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44



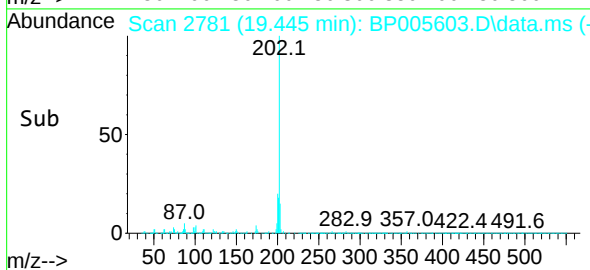
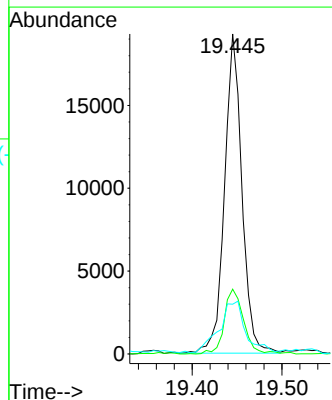
Tgt Ion:240 Resp: 98693
Ion Ratio Lower Upper
240 100
120 3.1 4.2 6.2#
236 25.1 20.2 30.2



#78
Pyrene
Concen: 4.65 ng
RT: 19.445 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44



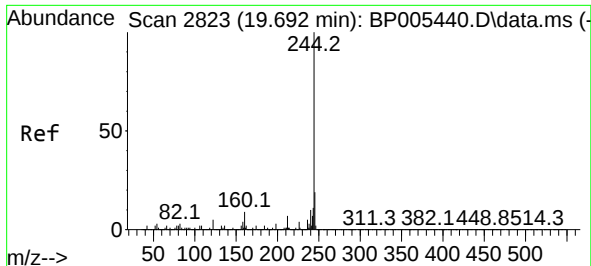
Tgt Ion:202 Resp: 25998
Ion Ratio Lower Upper
202 100
200 20.3 16.9 25.3
203 15.5 13.8 20.6



Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-B

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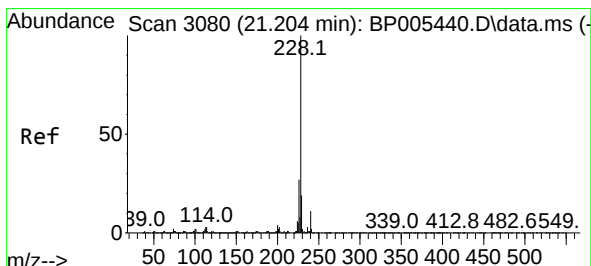
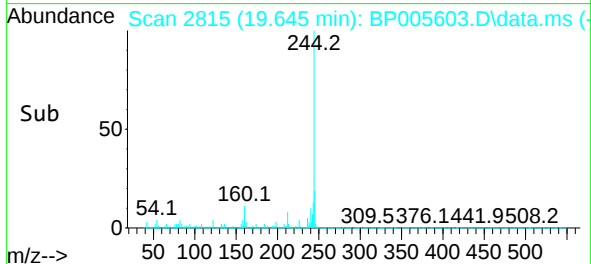
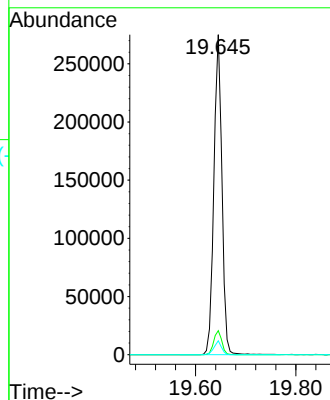
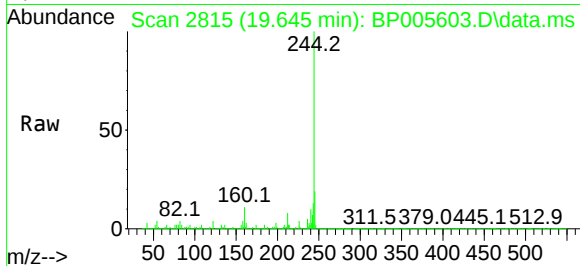
#79
 Terphenyl-d14
 Concen: 52.63 ng
 RT: 19.645 min Scan# 2815
 Delta R.T. -0.006 min
 Lab File: BP005603.D
 Acq: 18 May 2021 16:44

Tgt Ion:244 Resp: 305849
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 4.4 5.2 7.8#

Instrument :
 BNA_P
 ClientSampleId :
 JG-SPOILS-5-11-21-B

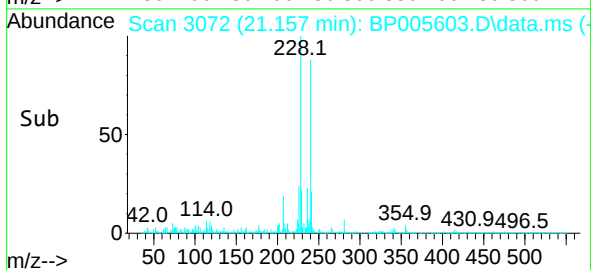
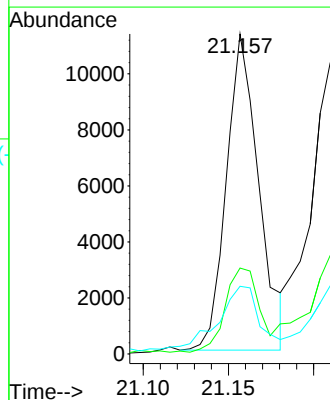
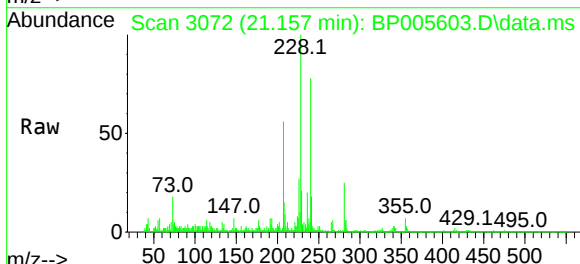
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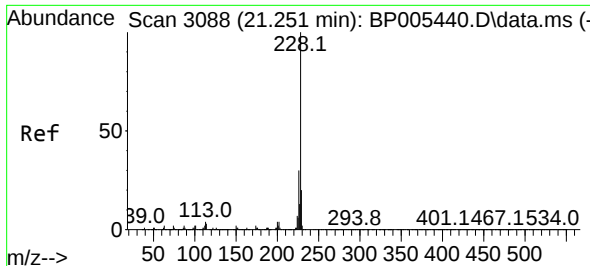
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#81
 Benzo(a)anthracene
 Concen: 2.33 ng
 RT: 21.157 min Scan# 3072
 Delta R.T. -0.006 min
 Lab File: BP005603.D
 Acq: 18 May 2021 16:44

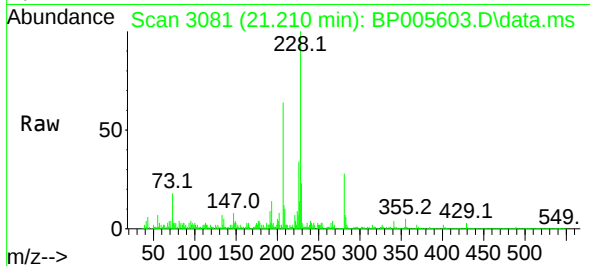
Tgt Ion:228 Resp: 14921
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.2 31.8
 229 21.1 15.6 23.4





#83
Chrysene
Concen: 2.40 ng m
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

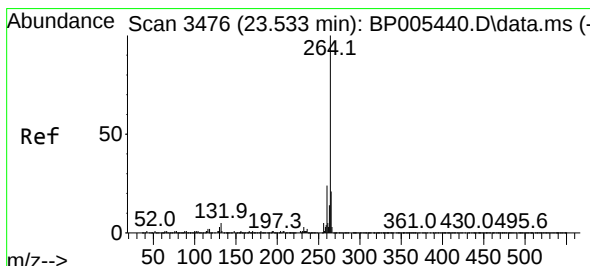
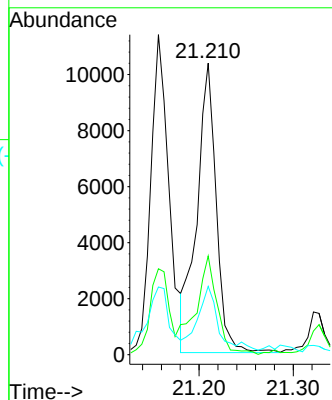
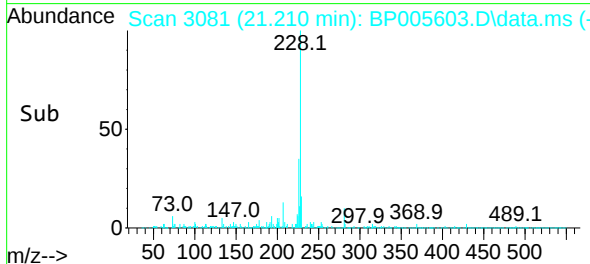
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-B



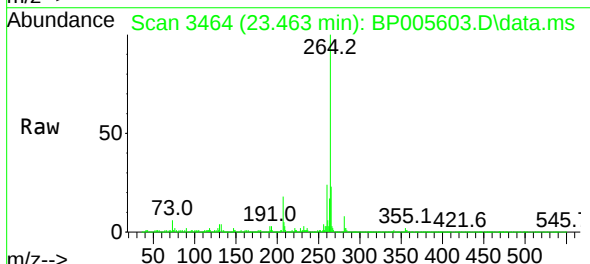
Tgt Ion:228 Resp: 14876
Ion Ratio Lower Upper
228 100
226 33.9 24.8 37.2
229 23.5 15.4 23.0#

Manual Integrations
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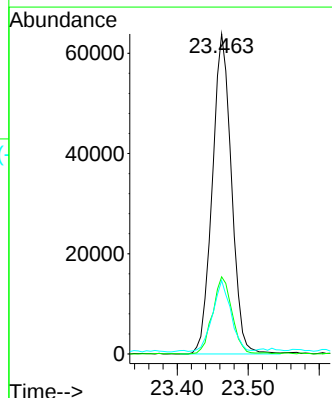
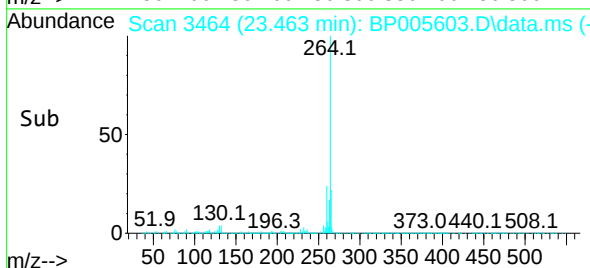
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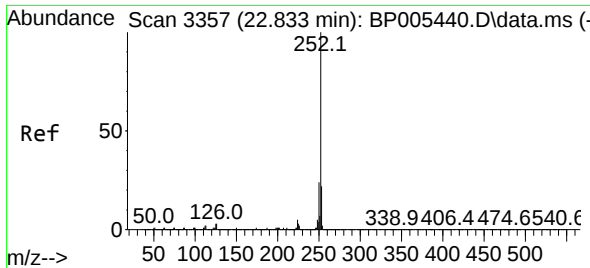


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.463 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44



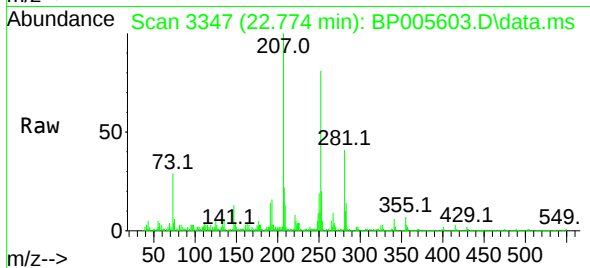
Tgt Ion:264 Resp: 119649
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 23.0 19.0 28.6





#88
Benzo(b)fluoranthene
Concen: 2.66 ng
RT: 22.774 min Scan# 3347
Delta R.T. 0.000 min
Lab File: BP005603.D
Acq: 18 May 2021 16:44

Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-B



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	6.1	3.4	5.0

Manual Integrations
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