

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
 Data File : BP003381.D
 Acq On : 25 Sep 2020 15:01
 Operator : CG/JU
 Sample : L4148-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTB-WEST-SOIL-(MERL)

Manual Integrations
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Quant Time: Sep 25 15:35:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	117855	20.00	ng	0.00
21) Naphthalene-d8	10.340	136	462033	20.00	ng	# 0.00
39) Acenaphthene-d10	14.210	164	282559	20.00	ng	-0.01
64) Phenanthrene-d10	16.969	188	595136	20.00	ng	# 0.00
76) Chrysene-d12	21.069	240	598205	20.00	ng	0.00
86) Perylene-d12	23.263	264	627163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	542915	80.44	ng	0.00
7) Phenol-d6	6.763	99	680014	75.59	ng	0.00
23) Nitrobenzene-d5	8.710	82	446577	56.78	ng	-0.01
42) 2,4,6-Tribromophenol	15.716	330	273775	63.53	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	873036	45.19	ng	-0.01
79) Terphenyl-d14	19.545	244	1146832	39.94	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.716	122	5642m	10.20	ng	
50) Dimethylphthalate	13.675	163	242843	10.76	ng	99
71) Phenanthrene	17.010	178	168960	5.22	ng	100
75) Fluoranthene	18.992	202	444853	10.93	ng	99
78) Pyrene	19.345	202	415801	11.15	ng	100
81) Benzo(a)anthracene	21.051	228	306115	7.92	ng	99
83) Chrysene	21.104	228	271256	7.30	ng	98
84) Bis(2-ethylhexyl)phtha...	20.992	149	138637	5.77	ng	98
87) Indeno(1,2,3-cd)pyrene	25.498	276	204357	4.30	ng	96
88) Benzo(b)fluoranthene	22.610	252	405670m	10.24	ng	
89) Benzo(k)fluoranthene	22.645	252	143194m	3.77	ng	
90) Benzo(a)pyrene	23.169	252	277123	7.42	ng	# 93
92) Benzo(g,h,i)perylene	26.180	276	213562	5.45	ng	96

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

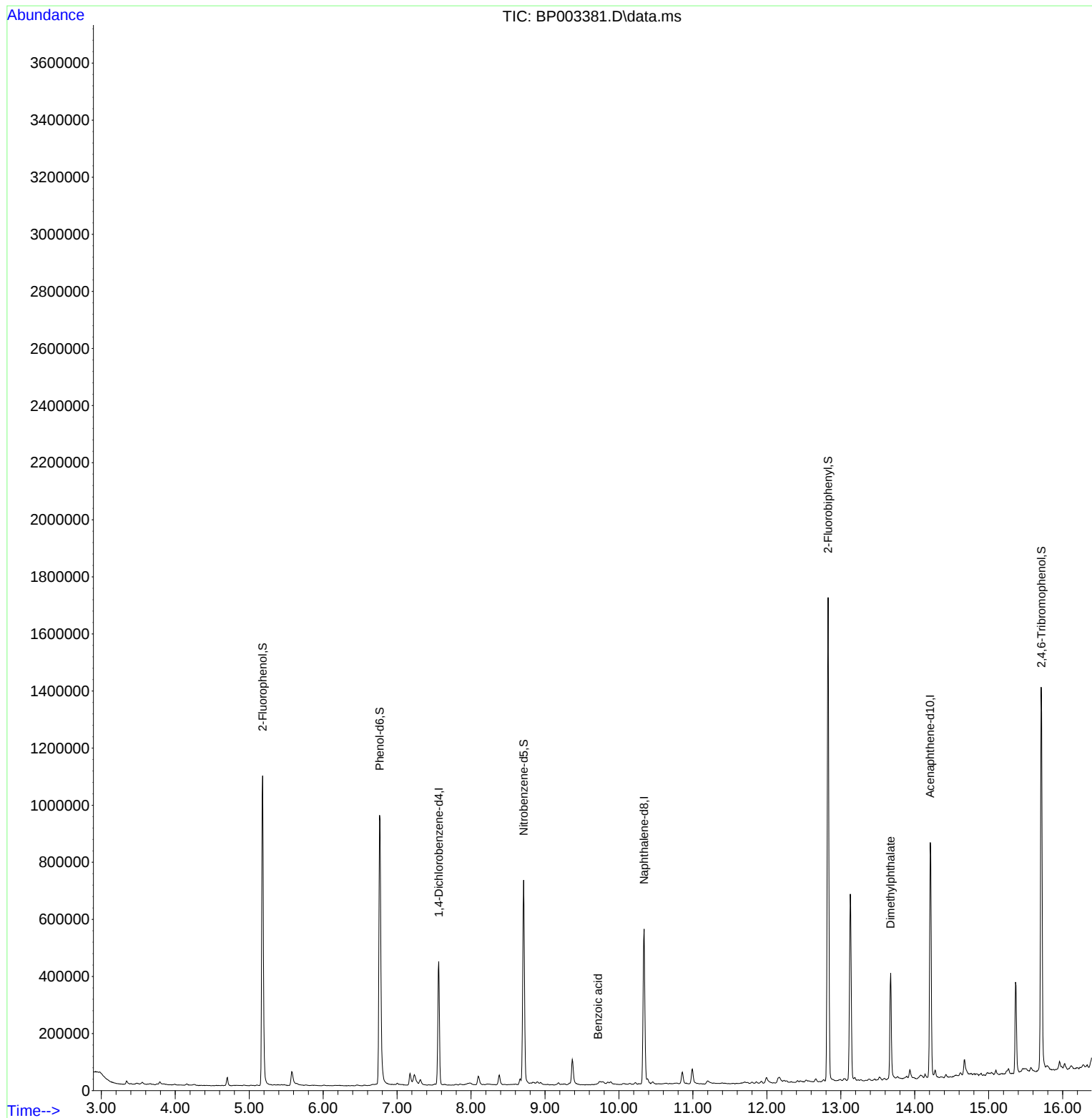
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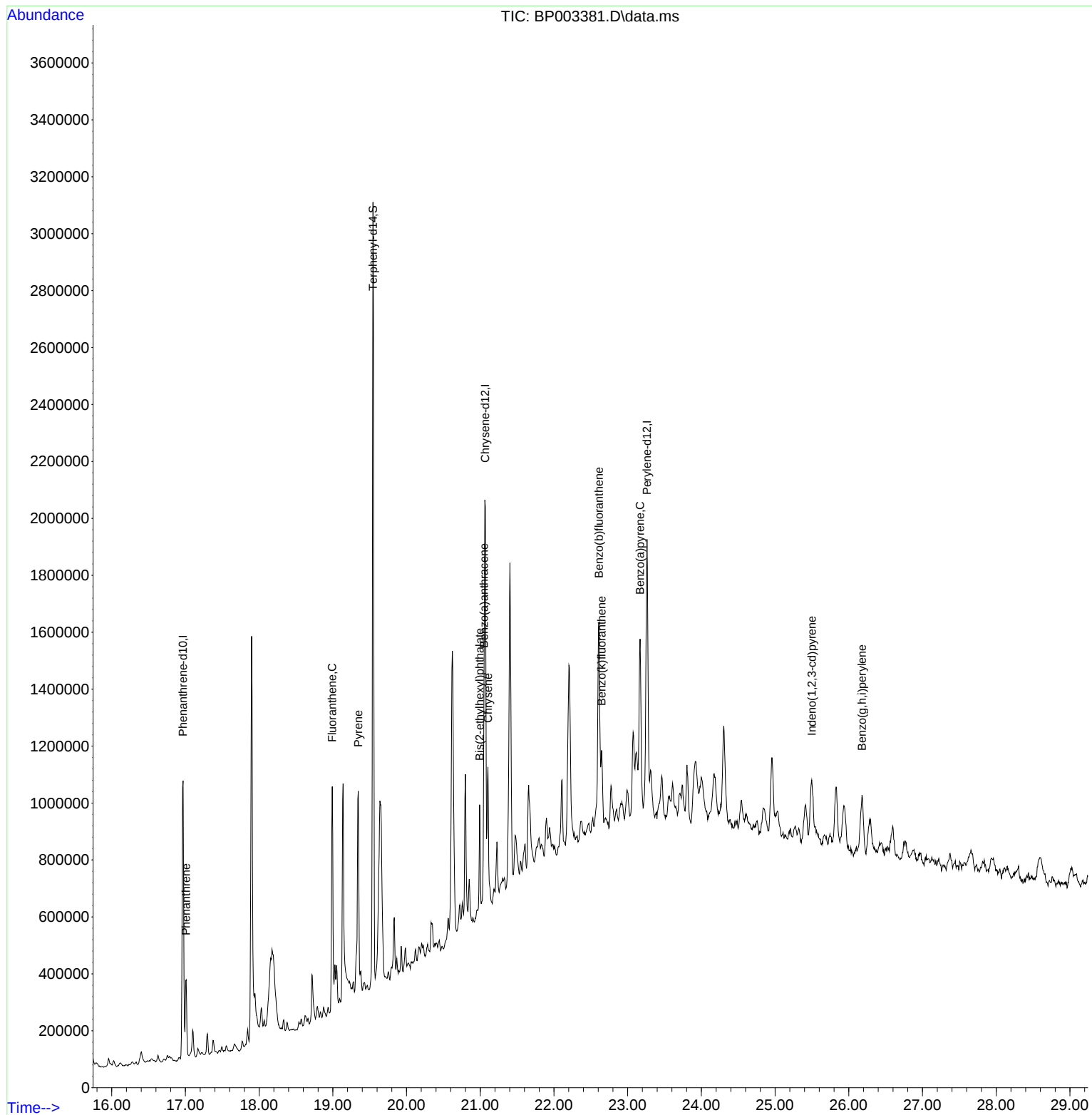
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Quant Time: Sep 25 15:35:02 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
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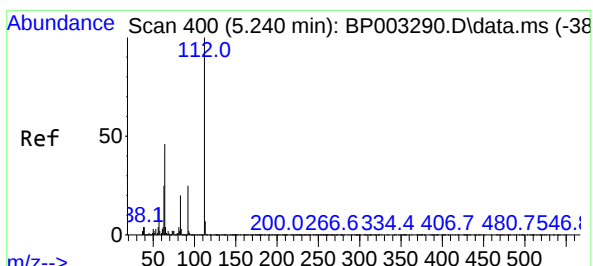
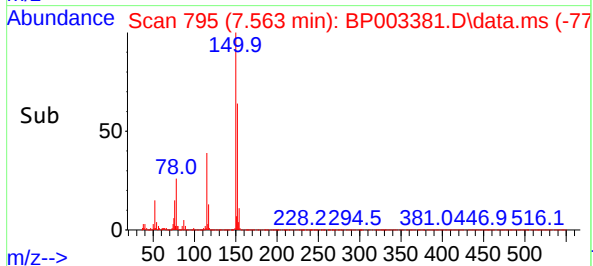
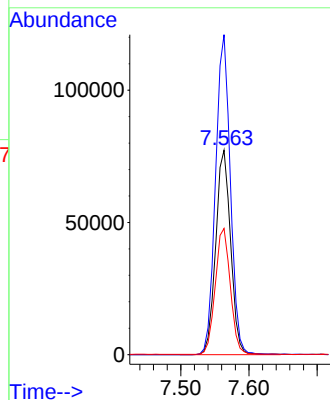
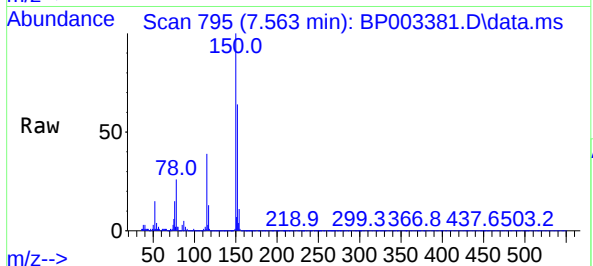
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP003381.D
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Tgt Ion:	152	Resp:	117855
Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.6
115	61.7	43.8	65.6

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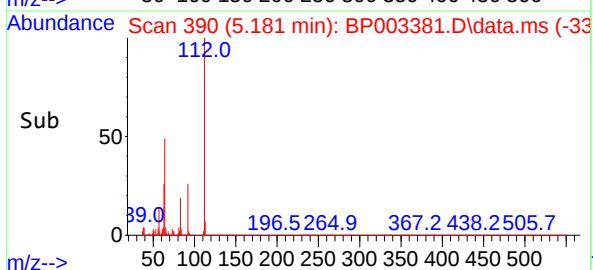
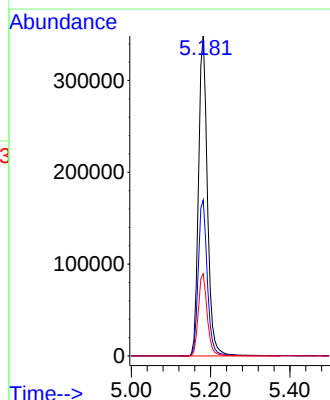
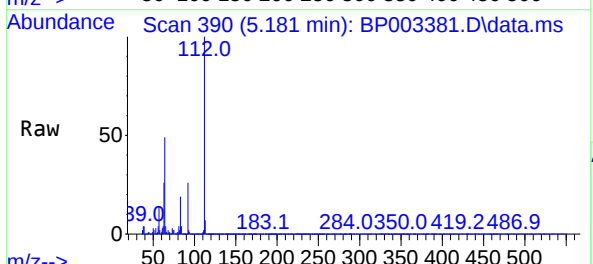
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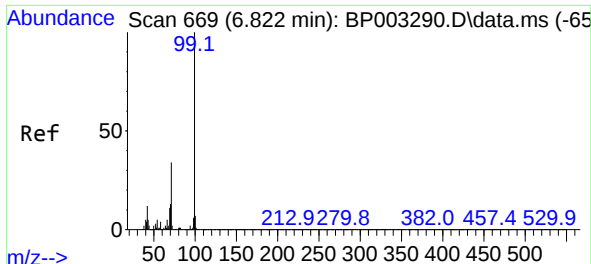
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#5
2-Fluorophenol
Concen: 80.44 ng
RT: 5.181 min Scan# 390
Delta R.T. 0.000 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

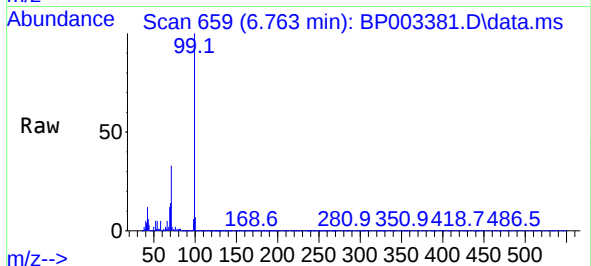
Tgt Ion:	112	Resp:	542915
Ion	Ratio	Lower	Upper
112	100		
64	48.8	32.8	49.2
63	25.7	17.0	25.4





#7
Phenol-d6
Concen: 75.59 ng
RT: 6.763 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

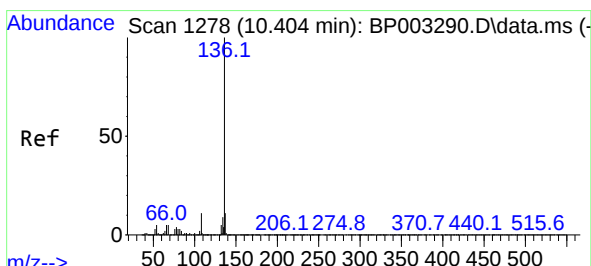
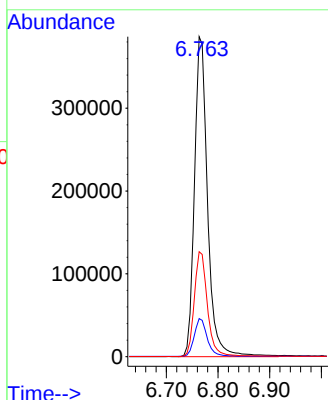
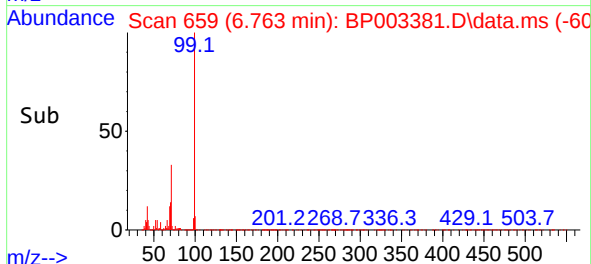
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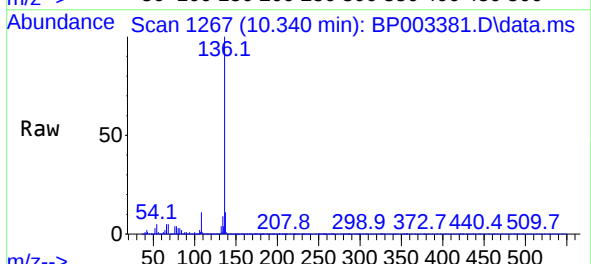
Tgt Ion: 99 Resp: 680014
Ion Ratio Lower Upper
99 100
42 11.9 8.6 13.0
71 32.8 23.4 35.2

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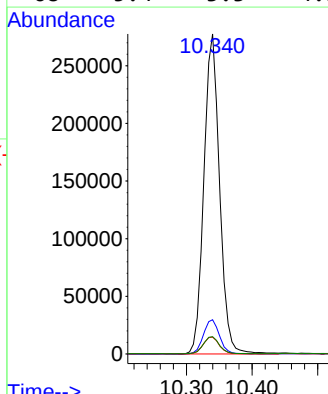
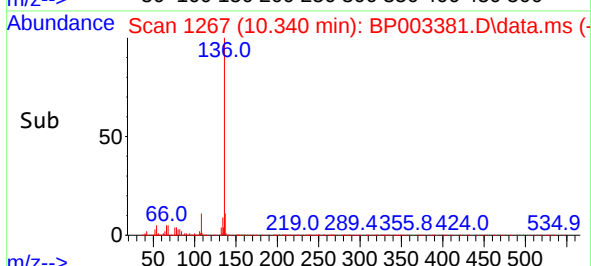
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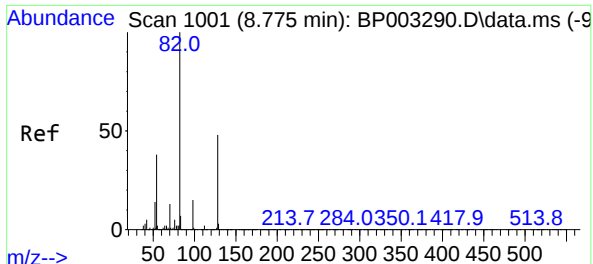


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.340 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01



Tgt Ion: 136 Resp: 462033
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.2 3.6 5.4
68 5.4 3.3 4.9





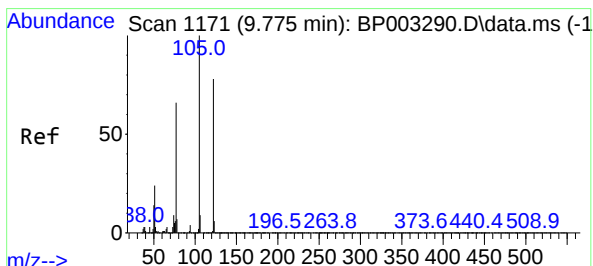
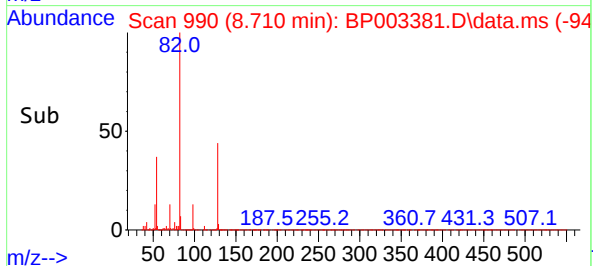
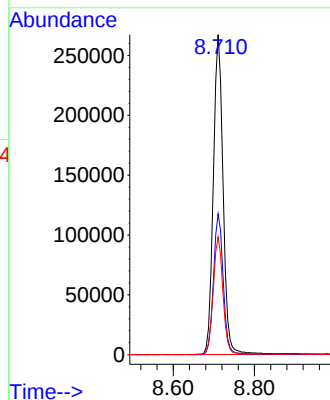
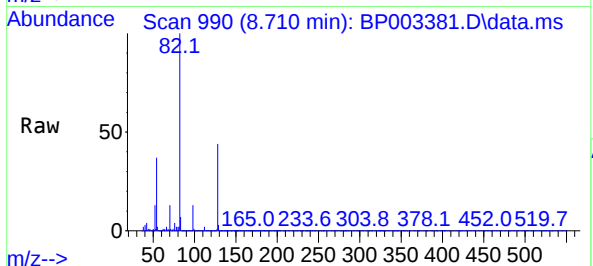
#23
Nitrobenzene-d5
Concen: 56.78 ng
RT: 8.710 min Scan# 990
Delta R.T. -0.012 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

Tgt Ion: 82 Resp: 446577
Ion Ratio Lower Upper
82 100
128 44.0 45.6 68.4#
54 36.8 30.1 45.1

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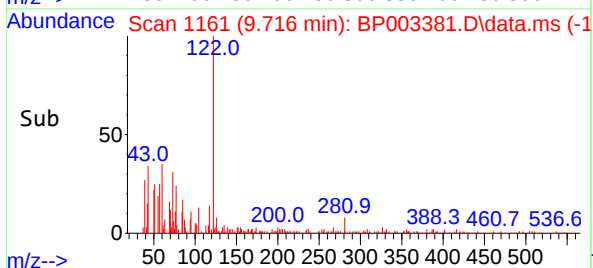
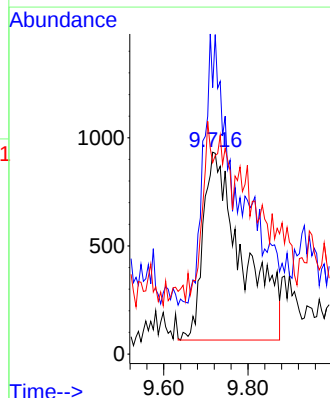
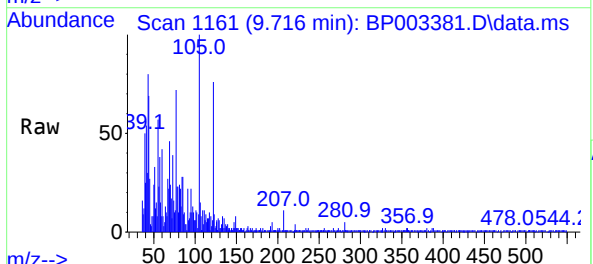
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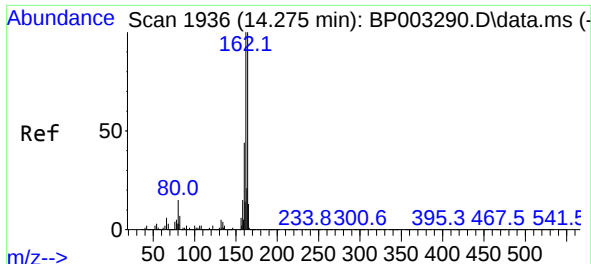
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#32
Benzoic acid
Concen: 10.20 ng m
RT: 9.716 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

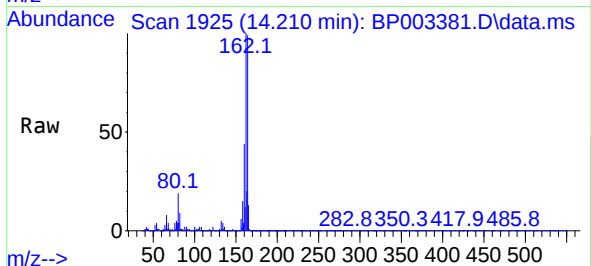
Tgt Ion: 122 Resp: 5642
Ion Ratio Lower Upper
122 100
105 132.0 94.1 134.1
77 94.9 50.1 90.1#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.210 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

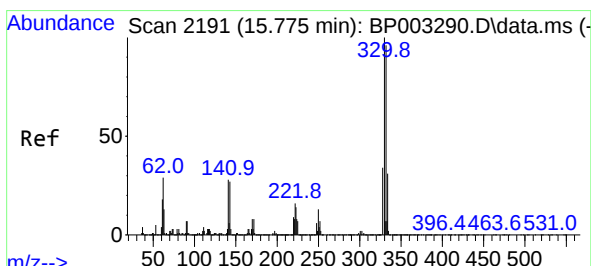
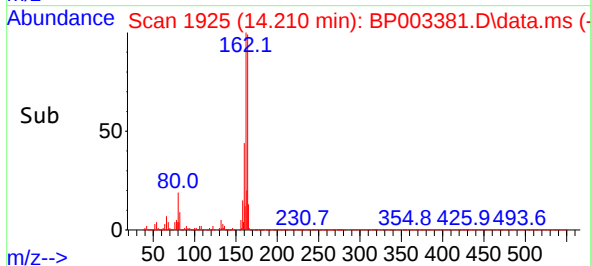
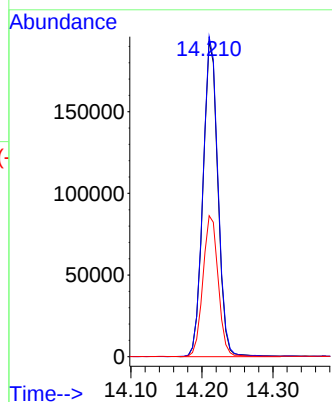
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ClientSampleId :
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Tgt Ion:164 Resp: 282559
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 44.7 36.1 54.1

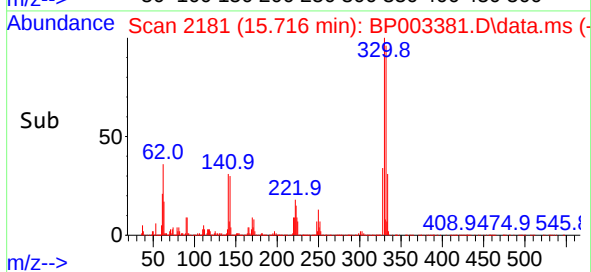
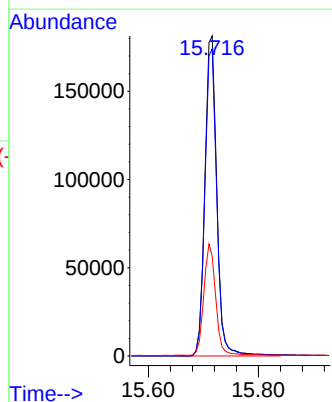
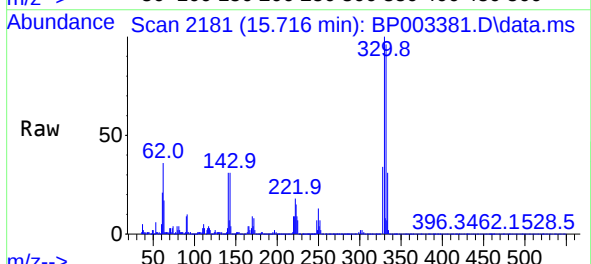
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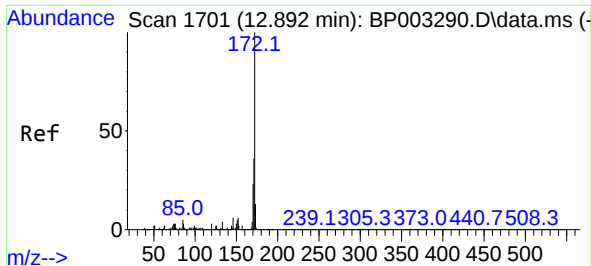
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#42
2,4,6-Tribromophenol
Concen: 63.53 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP003381.D
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Tgt Ion:330 Resp: 273775
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 34.6 23.4 35.2





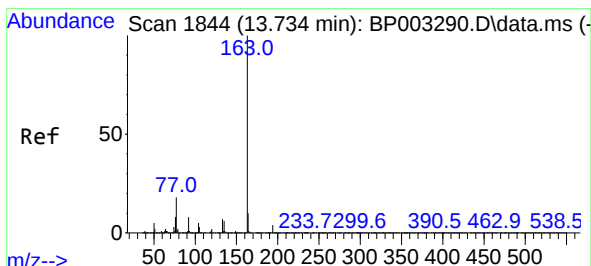
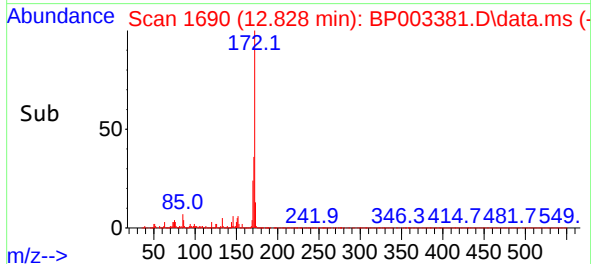
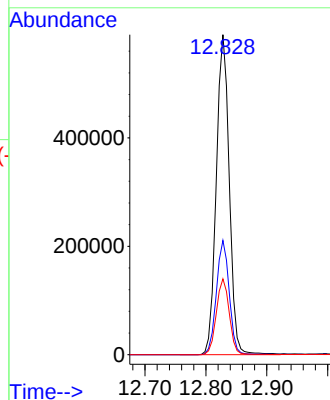
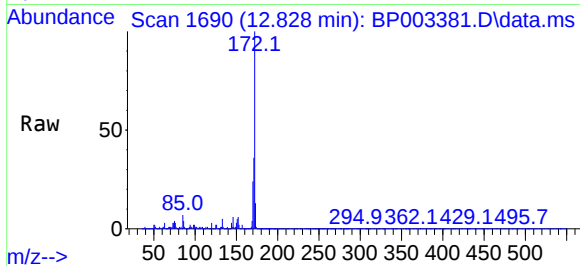
#45
2-Fluorobiphenyl
Concen: 45.19 ng
RT: 12.828 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

Tgt Ion:	172	Resp:	873036
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.5	42.7
170	23.7	19.2	28.8

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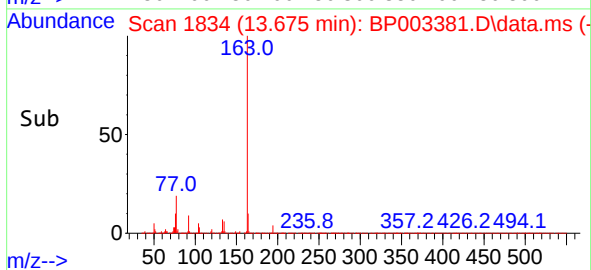
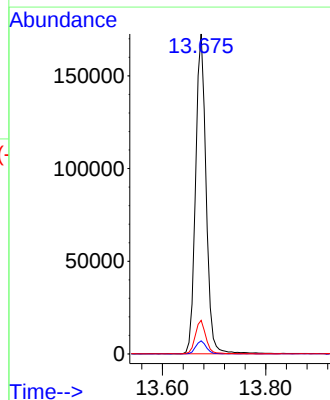
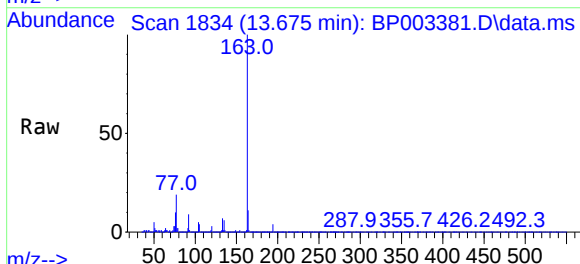
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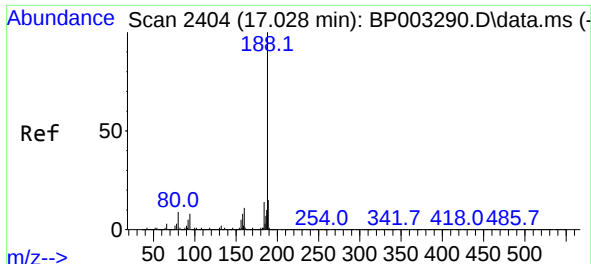
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#50
Dimethylphthalate
Concen: 10.76 ng
RT: 13.675 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BP003381.D
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Tgt Ion:	163	Resp:	242843
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.5	8.2	12.2





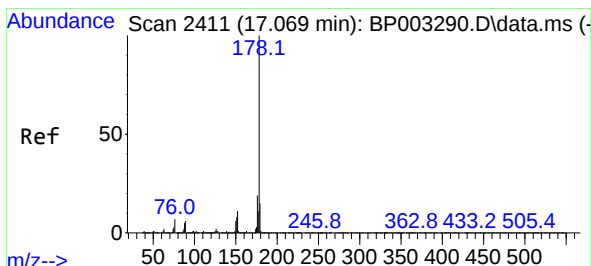
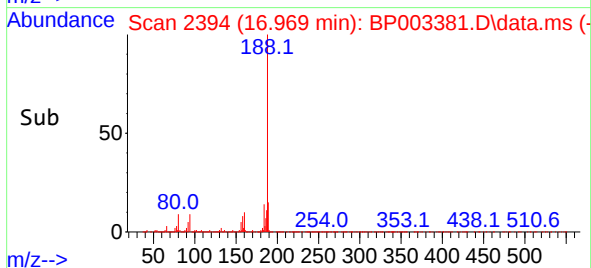
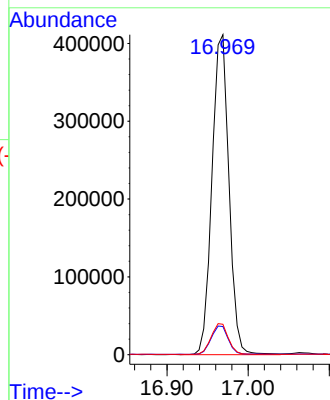
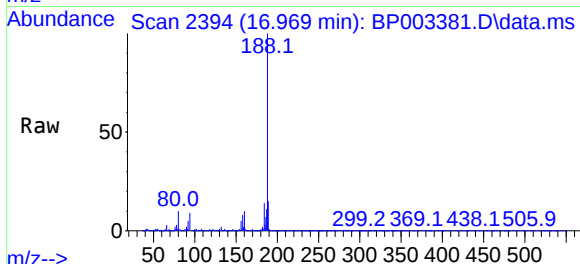
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.969 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP003381.D
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Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.2	9.2
80	9.5	6.2	9.2#

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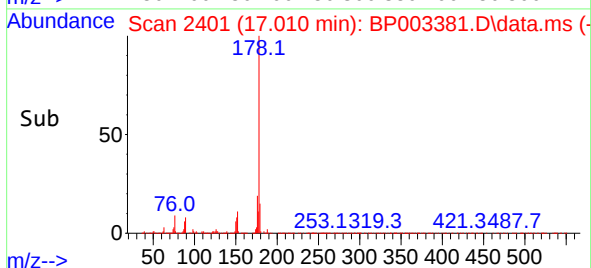
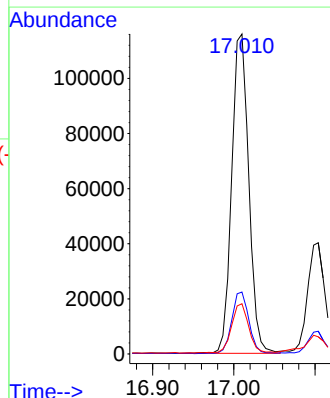
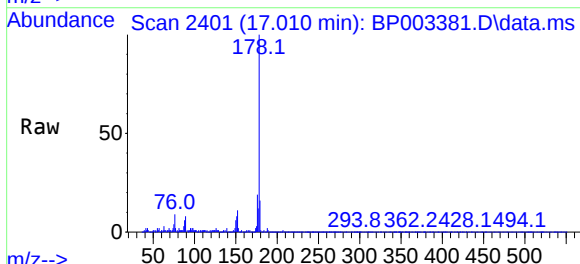
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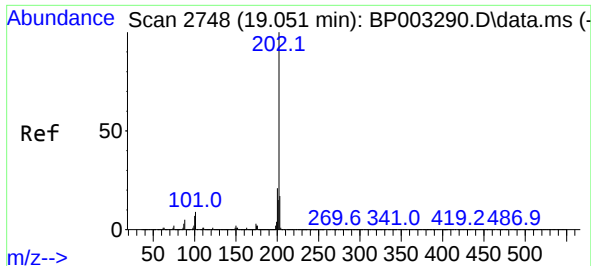
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#71
Phenanthrene
Concen: 5.22 ng
RT: 17.010 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

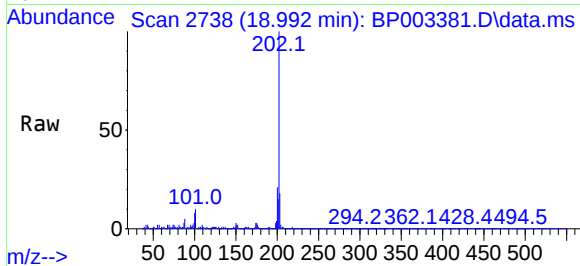
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.5	18.7





#75
Fluoranthene
Concen: 10.93 ng
RT: 18.992 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

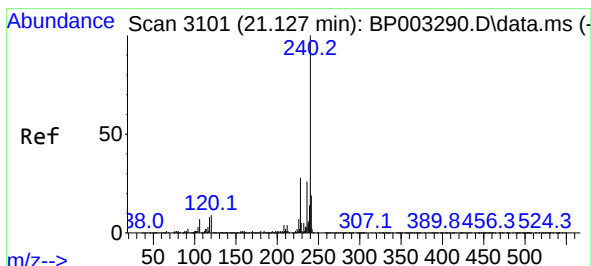
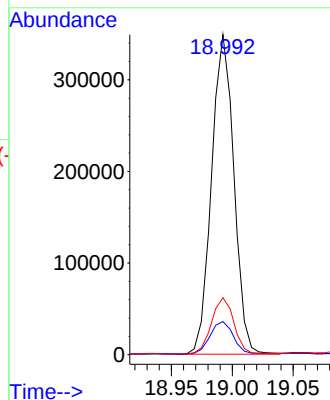
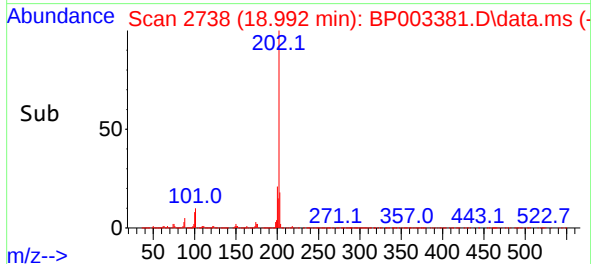
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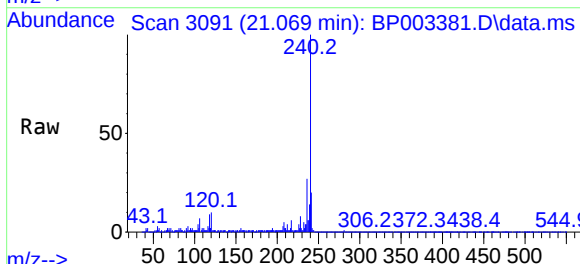
Tgt Ion:202 Resp: 444853
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.4
203 17.8 0.0 37.8

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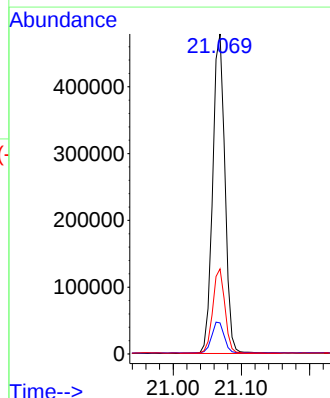
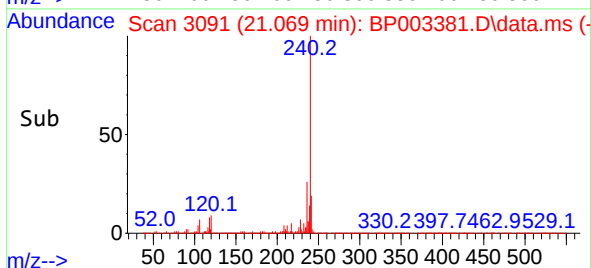
mohammad
9/28/2020 11:10:57 AM

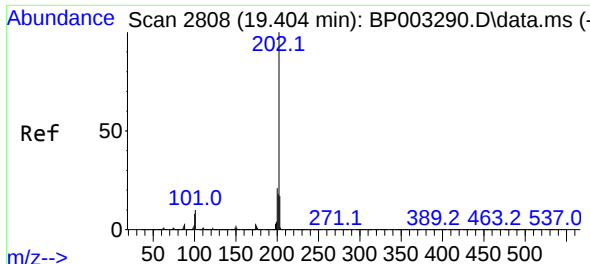


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.069 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01



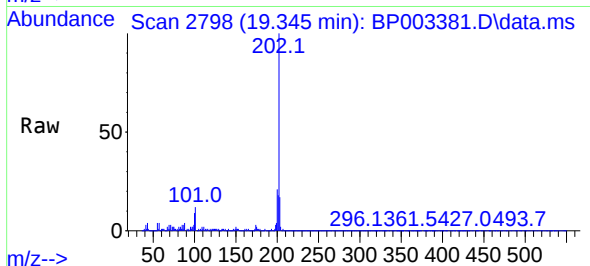
Tgt Ion:240 Resp: 598205
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 26.6 20.8 31.2





#78
Pyrene
Concen: 11.15 ng
RT: 19.345 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

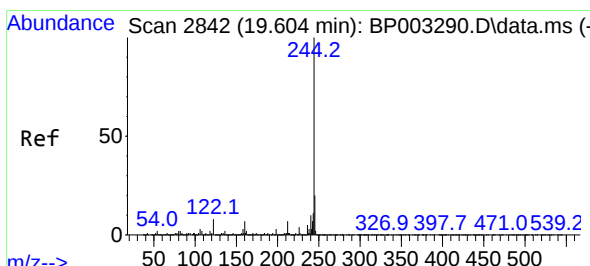
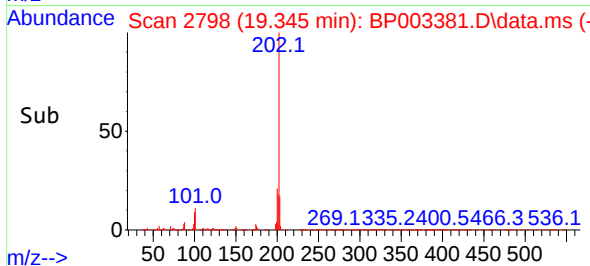
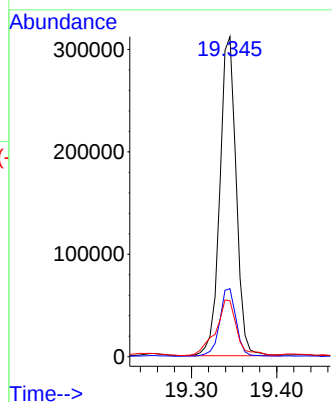
Instrument :
BNA_P
ClientSampleId :
CTB-WEST-SOIL-(MERL)



Tgt Ion:202 Resp: 415801
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.5 14.2 21.2

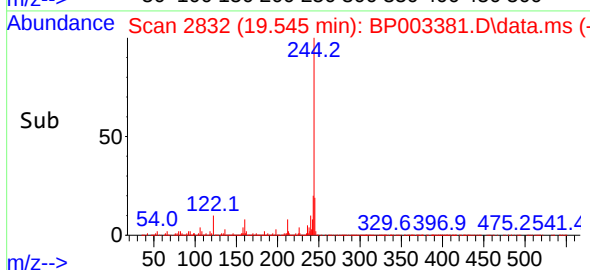
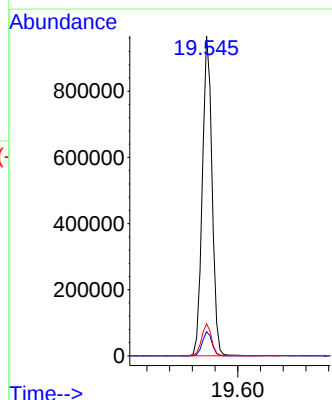
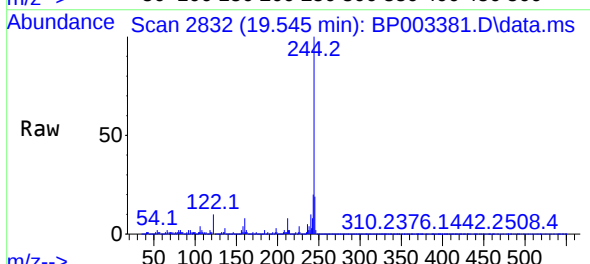
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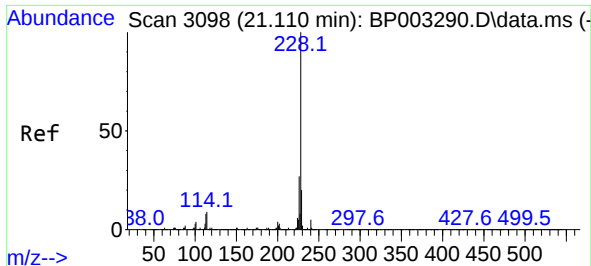
mohammad
9/28/2020 11:10:57 AM



#79
Terphenyl-d14
Concen: 39.94 ng
RT: 19.545 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

Tgt Ion:244 Resp: 1146832
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.0 7.8 11.8





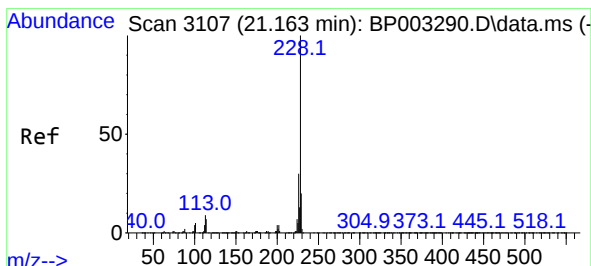
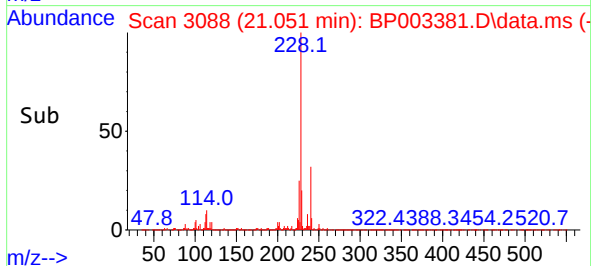
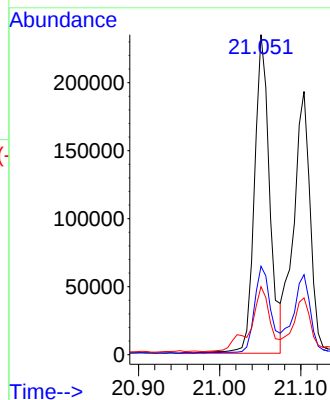
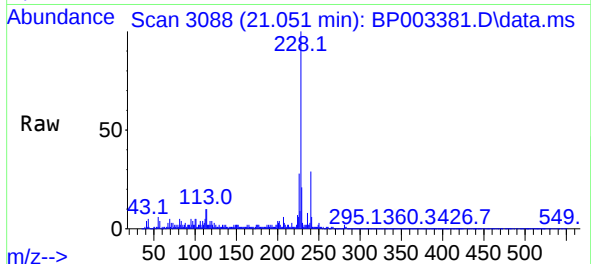
#81
Benzo(a)anthracene
Concen: 7.92 ng
RT: 21.051 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

Tgt Ion:	228	Resp:	306115
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.1	33.1
229	21.2	15.9	23.9

Instrument :
BNA_P
ClientSampleId :
CTB-WEST-SOIL-(MERL)

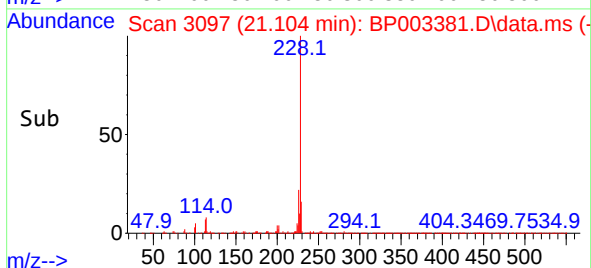
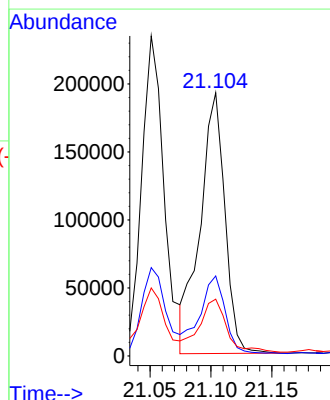
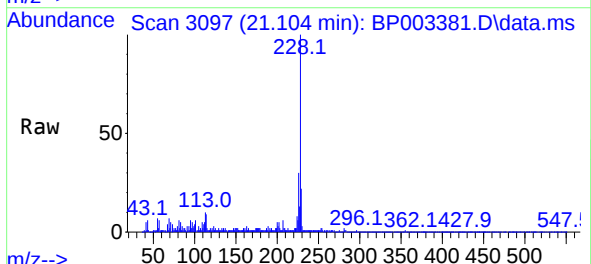
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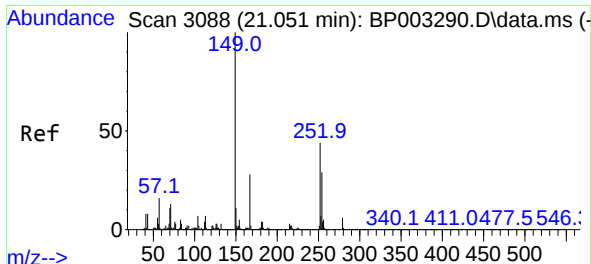
mohammad
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#83
Chrysene
Concen: 7.30 ng
RT: 21.104 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

Tgt Ion:	228	Resp:	271256
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.4	36.6
229	21.6	15.8	23.6





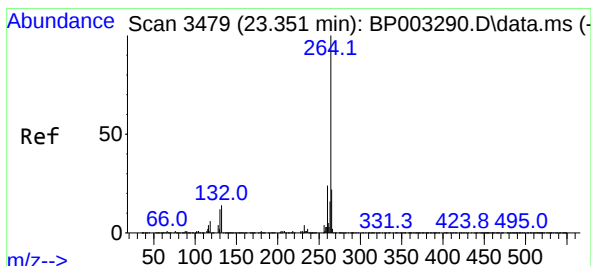
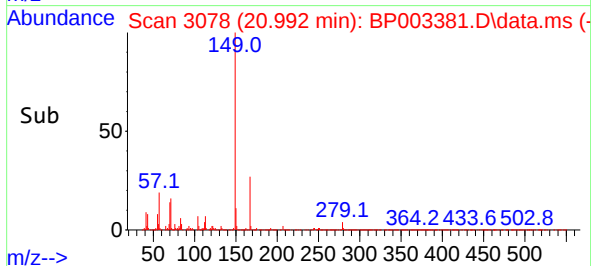
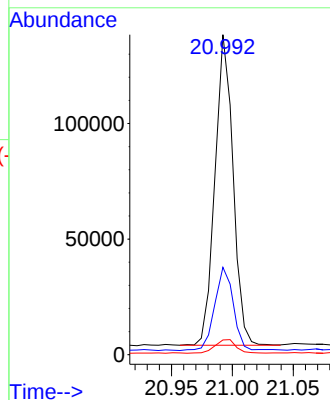
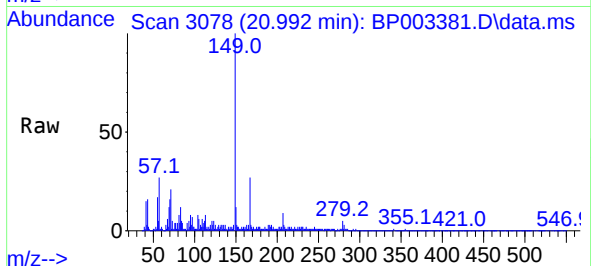
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.77 ng
RT: 20.992 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

Tgt Ion:	149	Resp:	138637
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.6	34.0
279	4.6	4.2	6.2

Instrument :
BNA_P
ClientSampleId :
CTB-WEST-SOIL-(MERL)

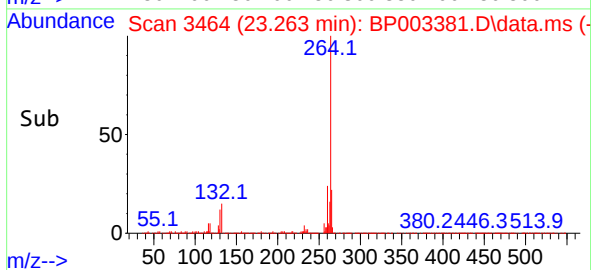
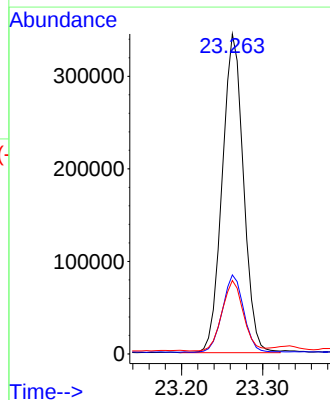
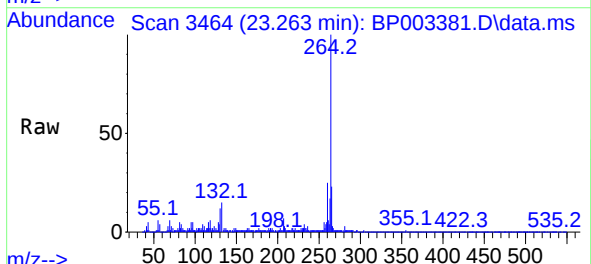
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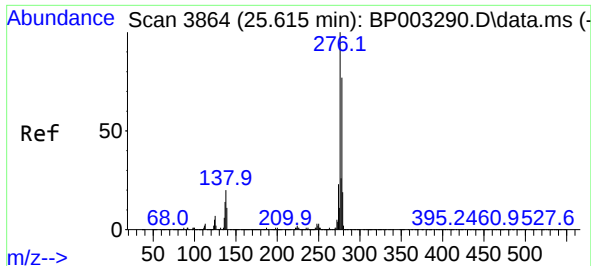
mohammad
9/28/2020 11:10:57 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.263 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

Tgt Ion:	264	Resp:	627163
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.8	28.2
265	23.0	17.4	26.2





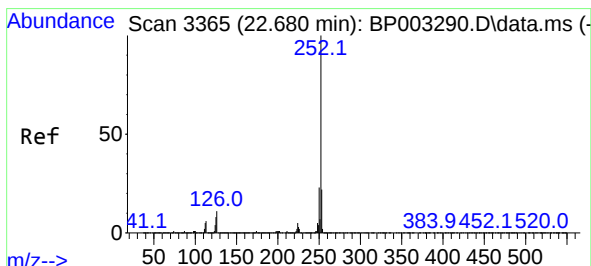
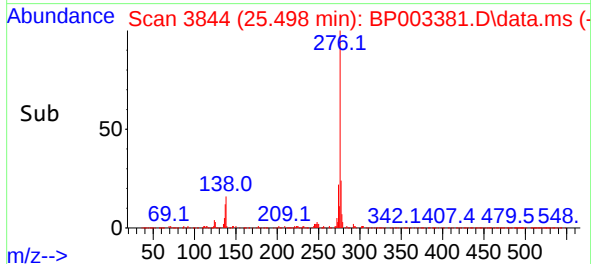
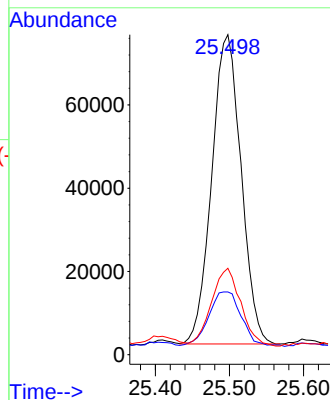
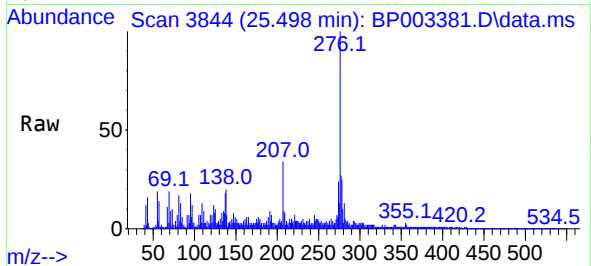
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.30 ng
RT: 25.498 min Scan# 3844
Delta R.T. 0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

Tgt Ion:	276	Resp:	204357
Ion Ratio	Lower	Upper	
276	100		
138	19.8	18.7	28.1
277	25.2	20.4	30.6

Instrument :
BNA_P
ClientSampleId :
CTB-WEST-SOIL-(MERL)

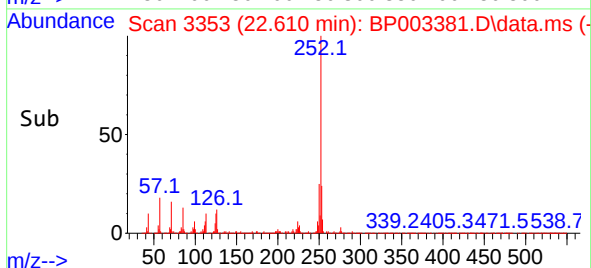
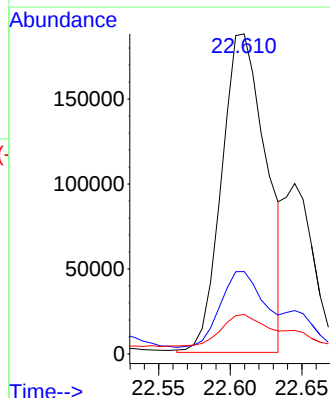
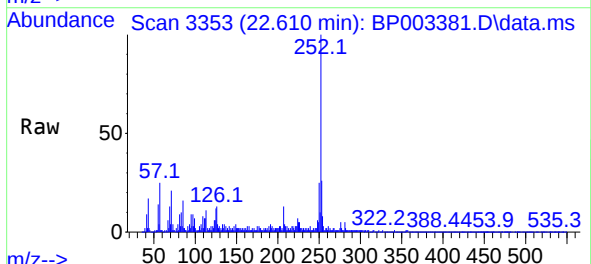
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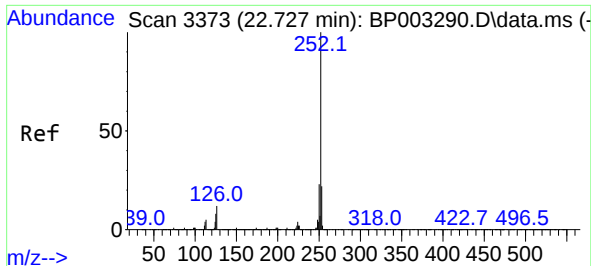
mohammad
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#88
Benzo(b)fluoranthene
Concen: 10.24 ng m
RT: 22.610 min Scan# 3353
Delta R.T. 0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

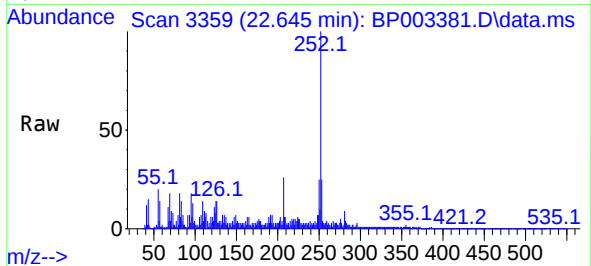
Tgt Ion:	252	Resp:	405670
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.6	26.4
125	12.4	7.3	10.9#





#89
Benzo(k)fluoranthene
Concen: 3.77 ng m
RT: 22.645 min Scan# 3359
Delta R.T. -0.006 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

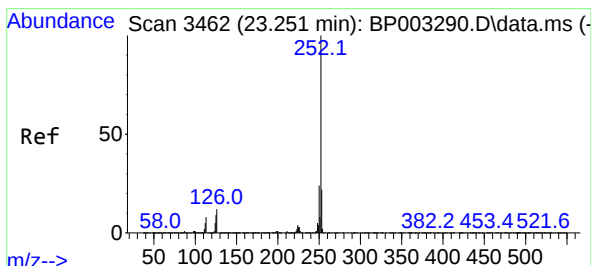
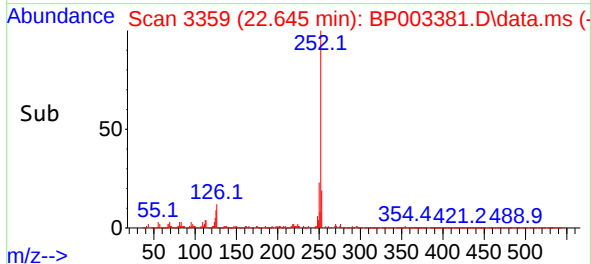
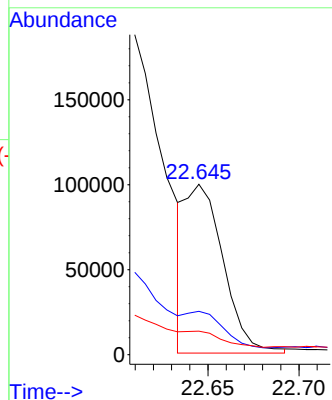
Instrument :
BNA_P
ClientSampleId :
CTB-WEST-SOIL-(MERL)



Tgt Ion:252 Resp: 143194
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.8
125 13.8 7.4 11.2#

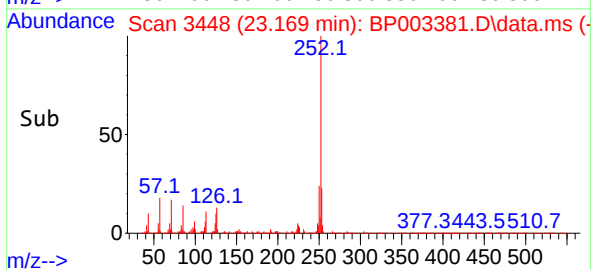
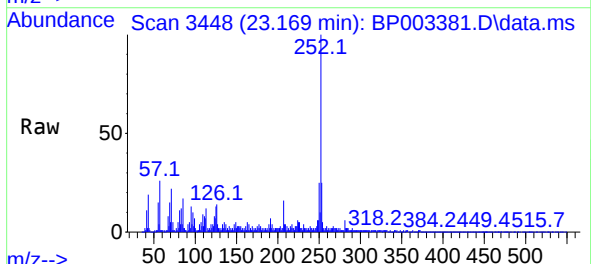
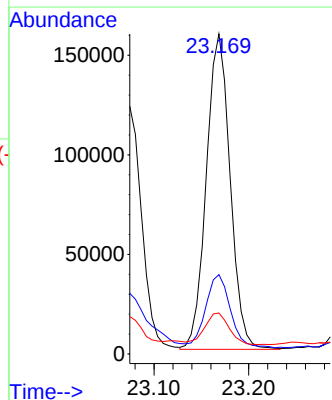
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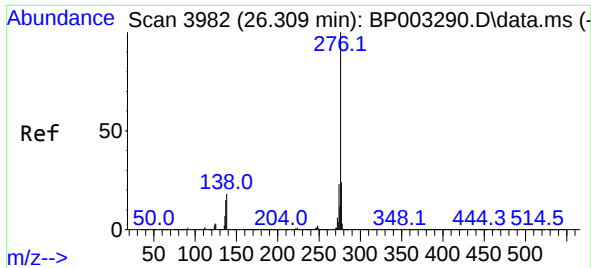
mohammad
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#90
Benzo(a)pyrene
Concen: 7.42 ng
RT: 23.169 min Scan# 3448
Delta R.T. 0.000 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

Tgt Ion:252 Resp: 277123
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.0
125 12.8 8.2 12.4#





#92
Benzo(g,h,i)perylene
Concen: 5.45 ng
RT: 26.180 min Scan# 3960
Delta R.T. 0.018 min
Lab File: BP003381.D
Acq: 25 Sep 2020 15:01

Tgt Ion: 276 Resp: 213562

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.0	28.6
138	19.8	16.6	24.8

Instrument :
BNA_P
ClientSampleId :
CTB-WEST-SOIL-(MERL)

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