

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
 Data File : BP003578.D
 Acq On : 08 Oct 2020 18:57
 Operator : CG/JU
 Sample : L4298-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-559

Manual Integrations
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mohammad
 10/12/2020 11:32:20 AM

Quant Time: Oct 09 01:58:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	51560	20.00	ng	0.00
21) Naphthalene-d8	10.257	136	202477	20.00	ng	0.00
39) Acenaphthene-d10	14.140	164	121234	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	267853	20.00	ng	0.00
76) Chrysene-d12	21.010	240	308826	20.00	ng	0.00
86) Perylene-d12	23.174	264	364181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	248524	84.17	ng	0.00
7) Phenol-d6	6.693	99	292782	74.39	ng	0.00
23) Nitrobenzene-d5	8.634	82	209612	60.82	ng	0.00
42) 2,4,6-Tribromophenol	15.645	330	154125	83.35	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	494823	59.69	ng	0.00
79) Terphenyl-d14	19.486	244	794728	53.62	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.863	152	25844	2.26	ng	97
50) Dimethylphthalate	13.610	163	59807	6.18	ng	100
71) Phenanthrene	16.939	178	125506	8.61	ng	100
72) Anthracene	17.039	178	37669	2.62	ng	98
75) Fluoranthene	18.933	202	334859	18.27	ng	98
78) Pyrene	19.286	202	337037	17.50	ng	100
81) Benzo(a)anthracene	20.998	228	167833	8.41	ng	98
83) Chrysene	21.045	228	184386	9.61	ng	97
84) Bis(2-ethylhexyl)phtha...	20.933	149	26080	2.10	ng	# 98
87) Indeno(1,2,3-cd)pyrene	25.368	276	144175	5.22	ng	# 91
88) Benzo(b)fluoranthene	22.533	252	257269	11.19	ng	99
89) Benzo(k)fluoranthene	22.569	252	87858m	3.99	ng	
90) Benzo(a)pyrene	23.086	252	192684	8.89	ng	97
92) Benzo(g,h,i)perylene	26.045	276	151072	6.64	ng	# 94

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

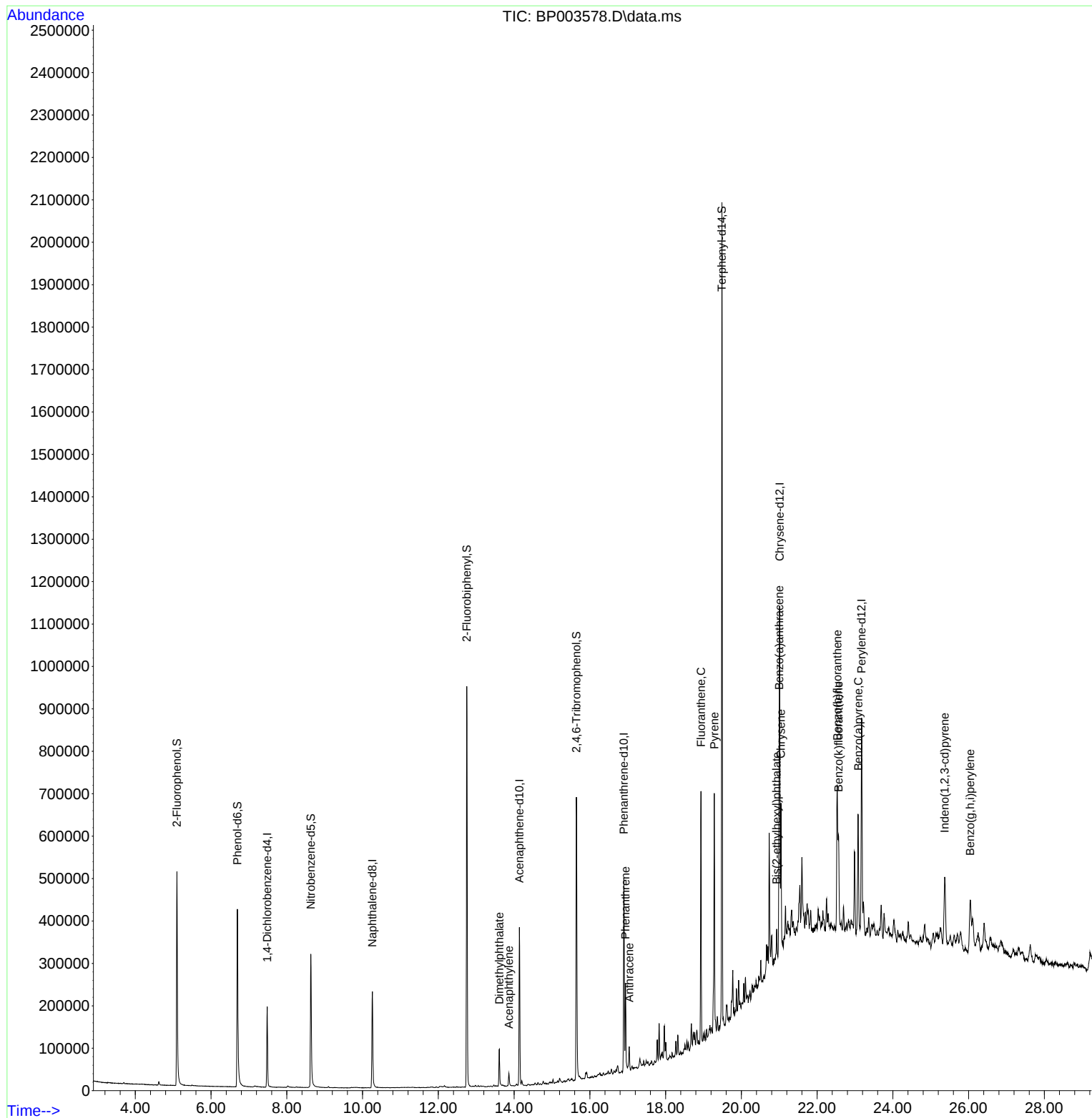
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
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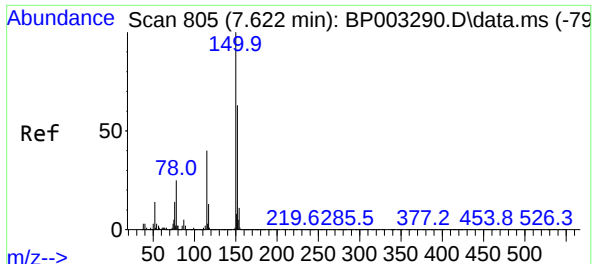
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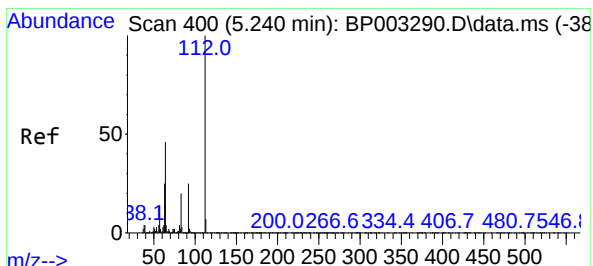
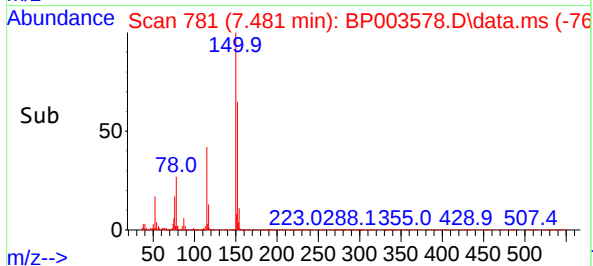
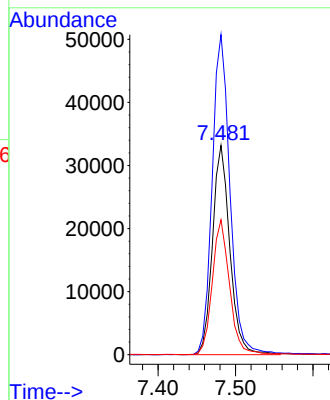
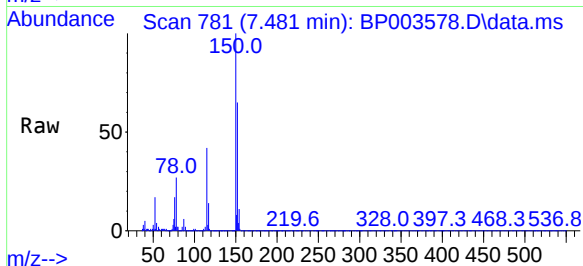
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

Tgt Ion:	152	Resp:	51560
Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.6
115	64.5	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
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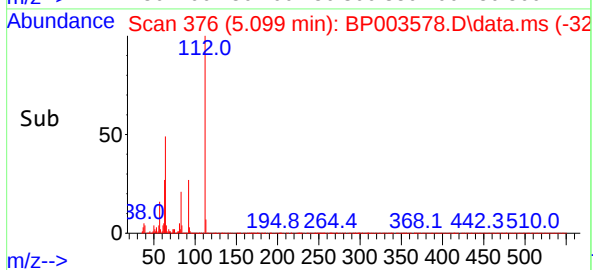
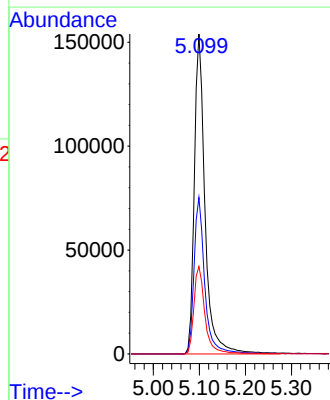
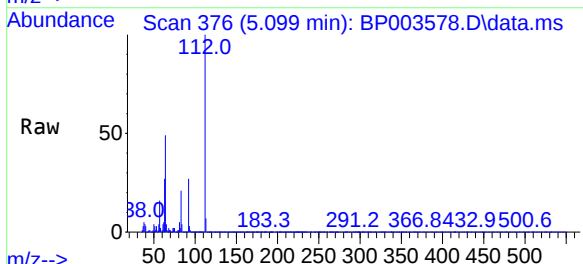
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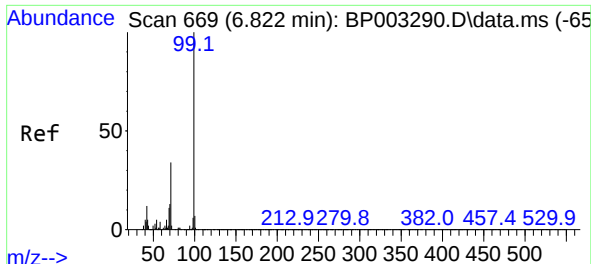
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#5
2-Fluorophenol
Concen: 84.17 ng
RT: 5.099 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

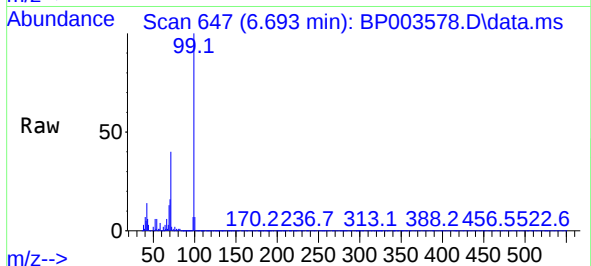
Tgt Ion:	112	Resp:	248524
Ion	Ratio	Lower	Upper
112	100		
64	48.9	32.8	49.2
63	27.3	17.0	25.4





#7
Phenol-d6
Concen: 74.39 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

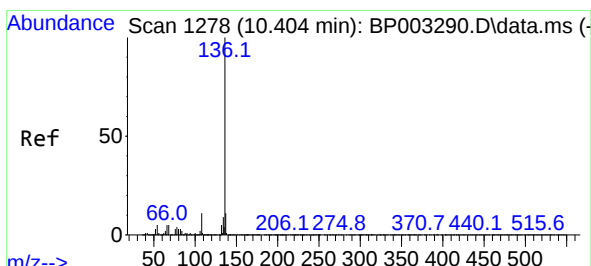
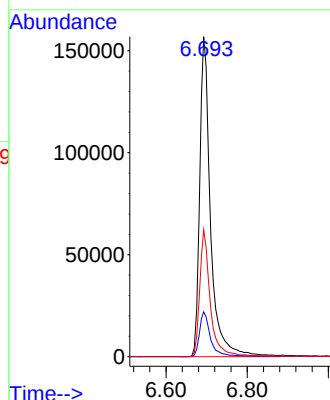
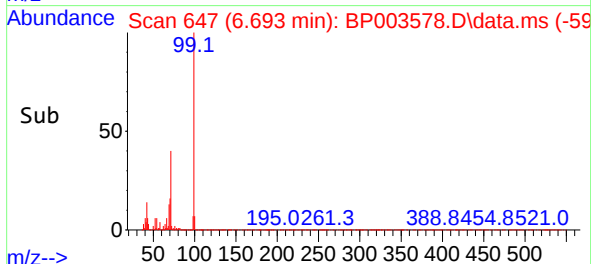
Instrument :
BNA_P
ClientSampled :
RBR-559



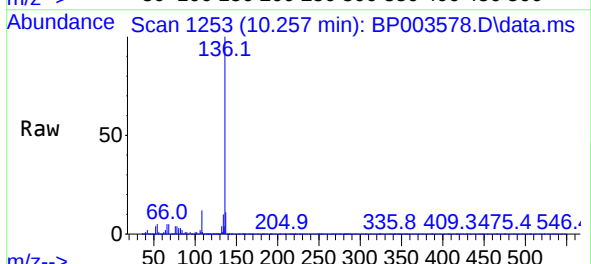
Tgt Ion: 99 Resp: 292782
Ion Ratio Lower Upper
99 100
42 14.0 8.6 13.0#
71 39.6 23.4 35.2#

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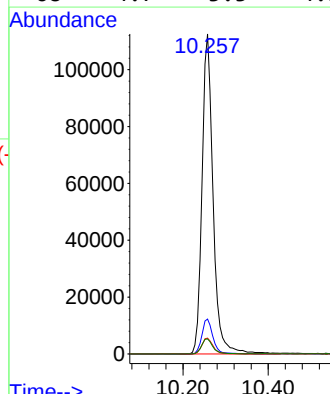
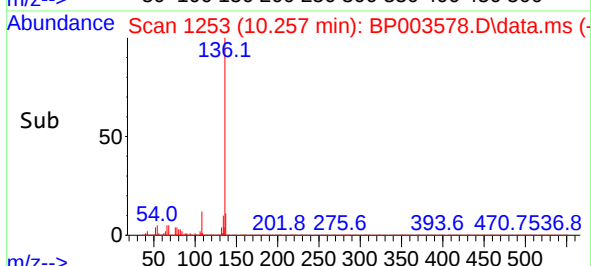
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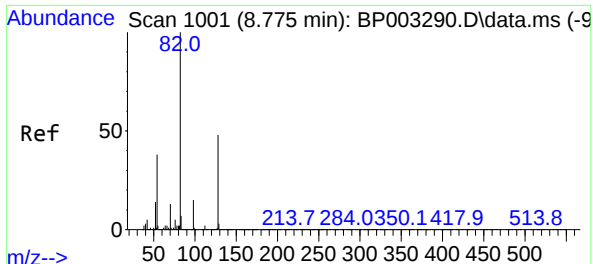


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.257 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57



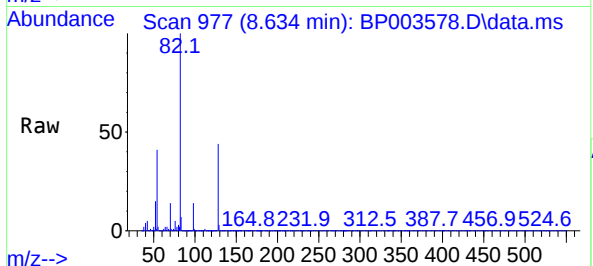
Tgt Ion: 136 Resp: 202477
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 4.9 3.6 5.4
68 4.7 3.3 4.9





#23
Nitrobenzene-d5
Concen: 60.82 ng
RT: 8.634 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

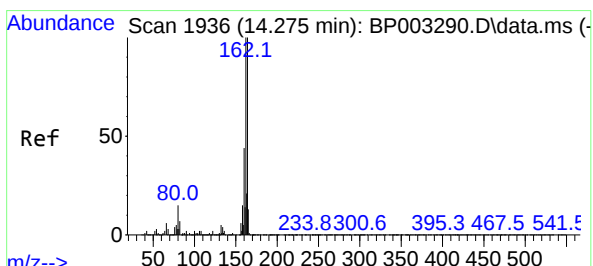
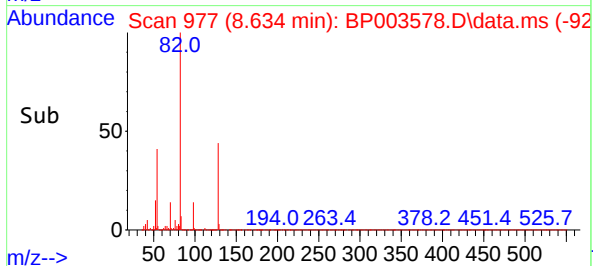
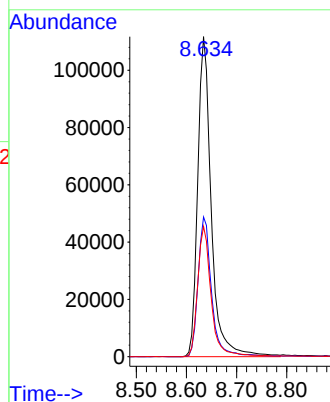
Instrument :
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Tgt Ion: 82 Resp: 209612
Ion Ratio Lower Upper
82 100
128 43.6 45.6 68.4#
54 40.7 30.1 45.1

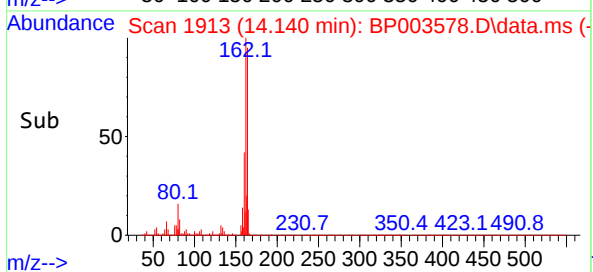
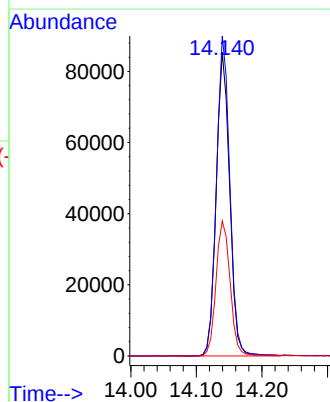
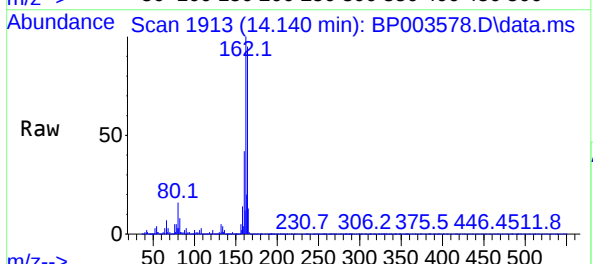
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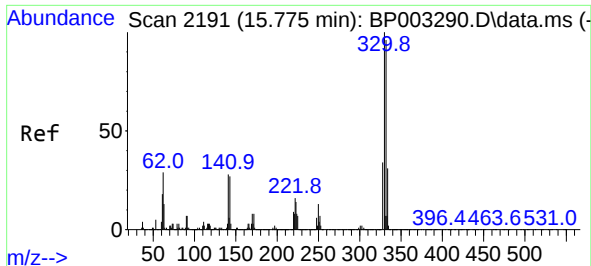
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.140 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

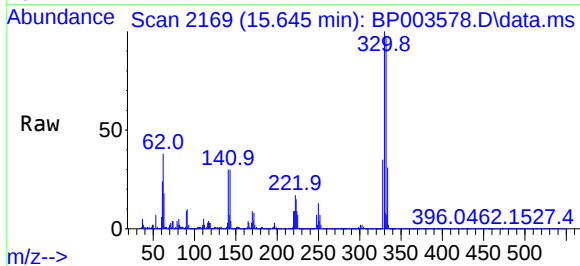
Tgt Ion: 164 Resp: 121234
Ion Ratio Lower Upper
164 100
162 105.4 79.4 119.2
160 44.4 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 83.35 ng
RT: 15.645 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

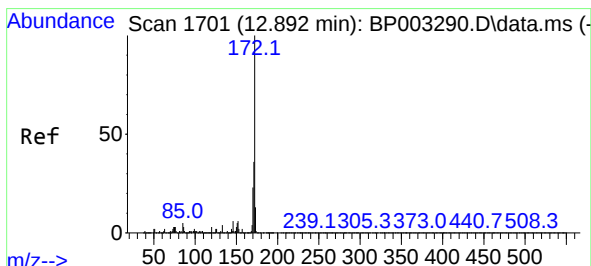
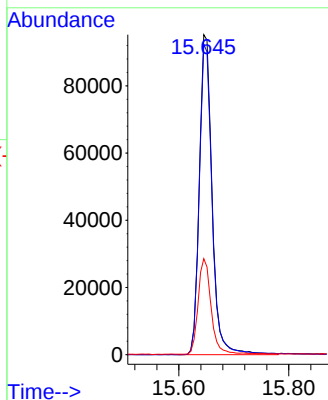
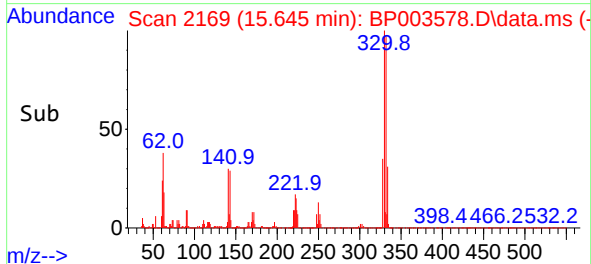
Instrument :
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ClientSampleId :
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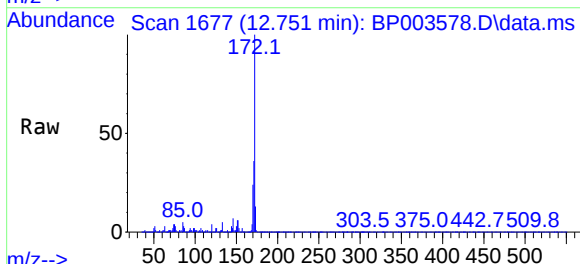
Tgt Ion:330 Resp: 154125
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 29.9 23.4 35.2

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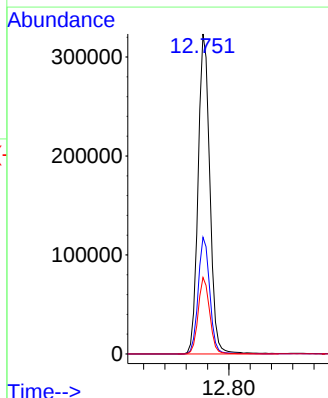
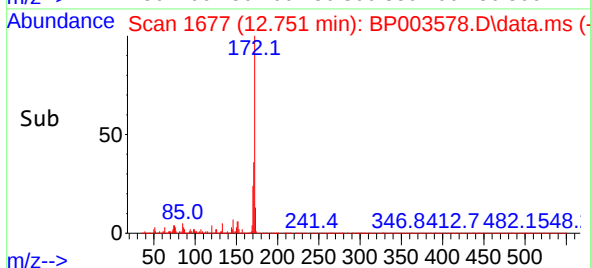
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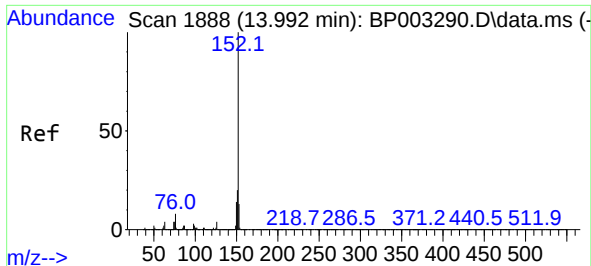


#45
2-Fluorobiphenyl
Concen: 59.69 ng
RT: 12.751 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57



Tgt Ion:172 Resp: 494823
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.9 19.2 28.8





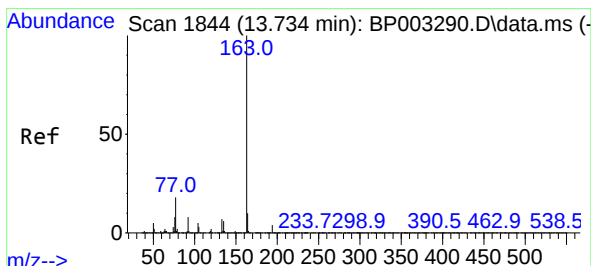
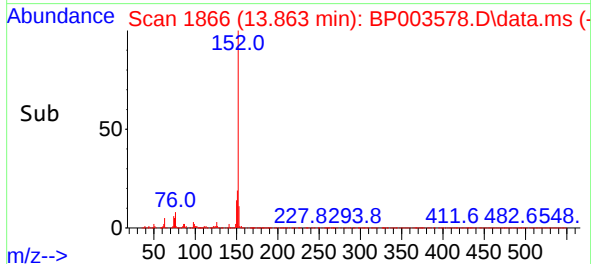
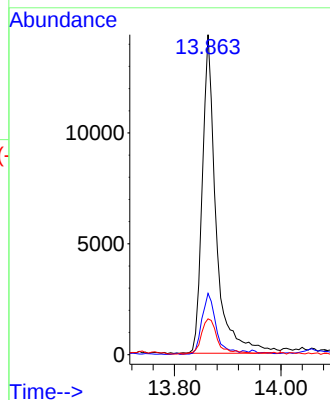
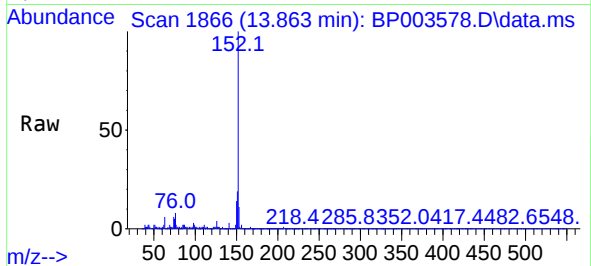
#49
Acenaphthylene
Concen: 2.26 ng
RT: 13.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

Tgt Ion:	152	Resp:	25844
Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	11.2	10.5	15.7

Instrument :
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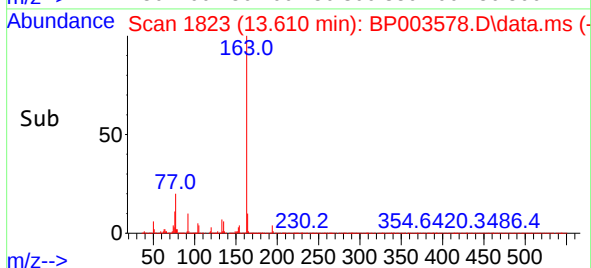
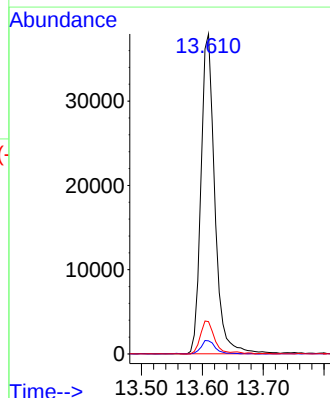
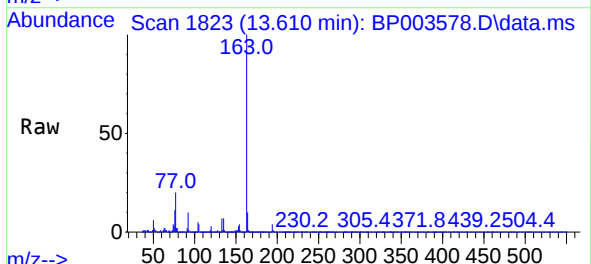
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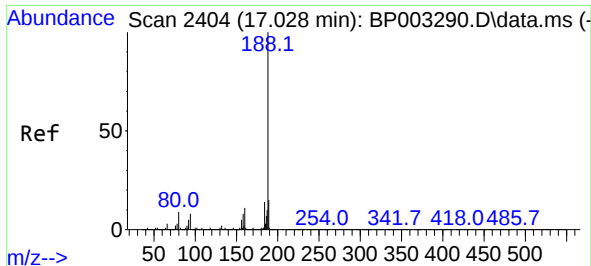
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#50
Dimethylphthalate
Concen: 6.18 ng
RT: 13.610 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

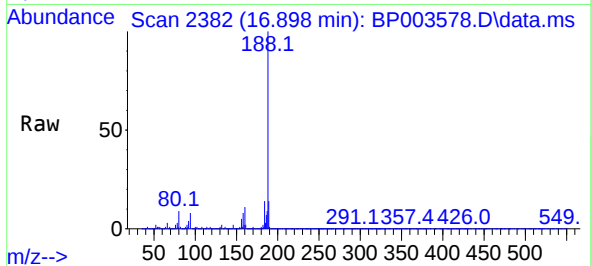
Tgt Ion:	163	Resp:	59807
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.2	12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.898 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

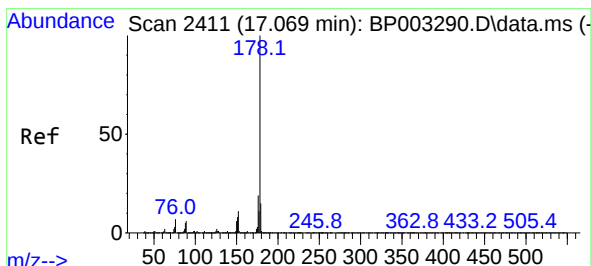
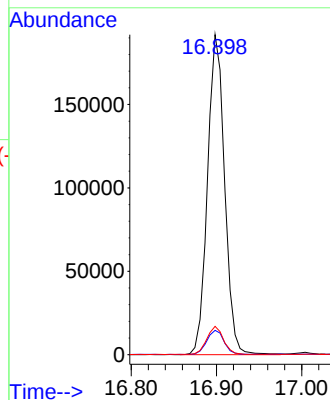
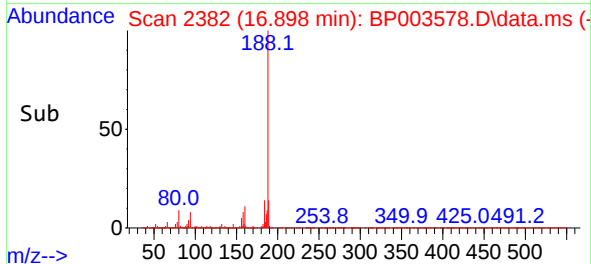
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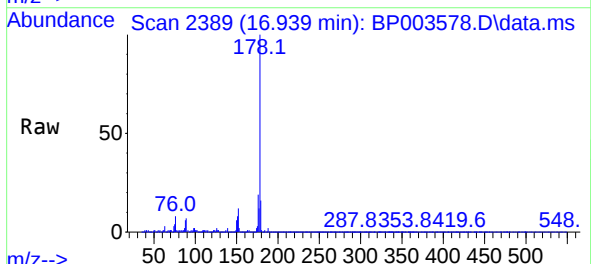
Tgt Ion:188 Resp: 267853
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 8.8 6.2 9.2

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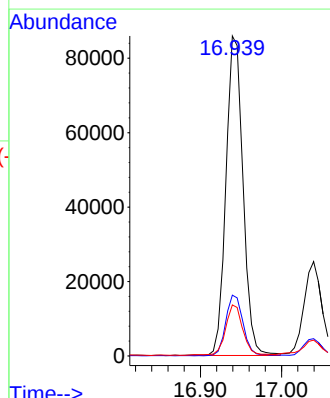
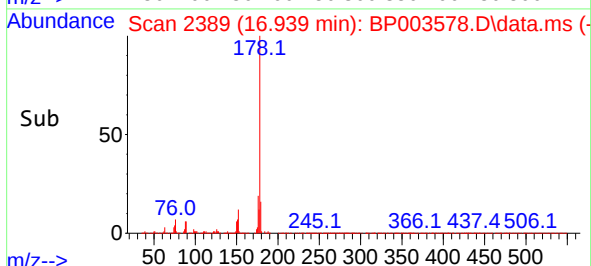
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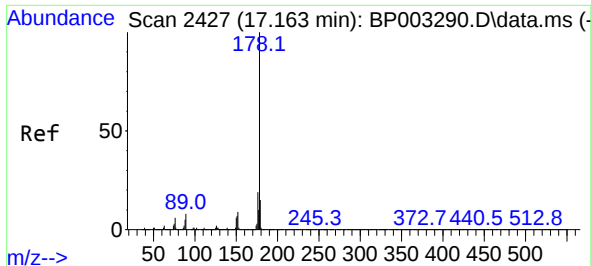


#71
Phenanthrene
Concen: 8.61 ng
RT: 16.939 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57



Tgt Ion:178 Resp: 125506
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.0 12.5 18.7





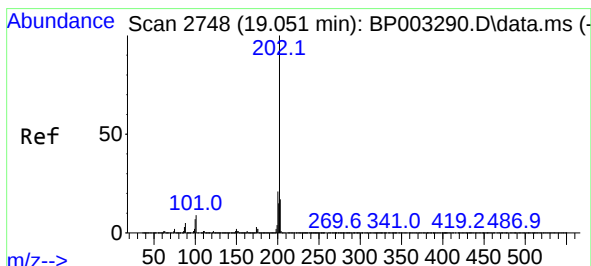
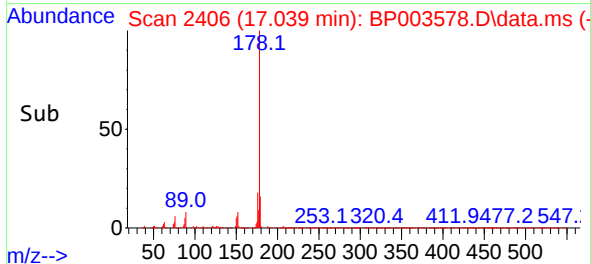
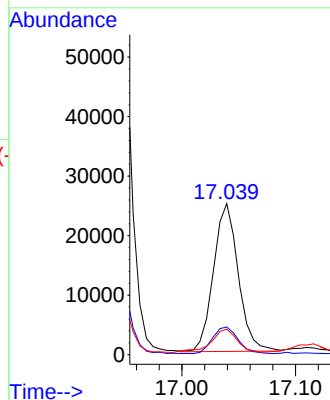
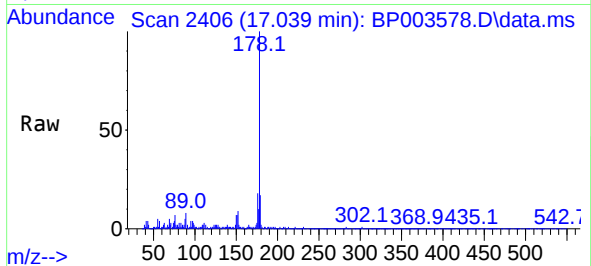
#72
 Anthracene
 Concen: 2.62 ng
 RT: 17.039 min Scan# 2406
 Delta R.T. 0.006 min
 Lab File: BP003578.D
 Acq: 08 Oct 2020 18:57

Tgt Ion:	178	Resp:	37669
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.0	22.4
179	16.9	12.5	18.7

Instrument :
 BNA_P
 ClientSampleId :
 RBR-559

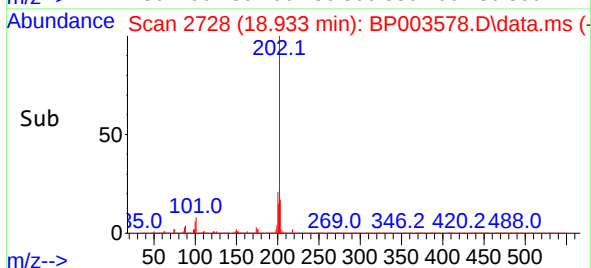
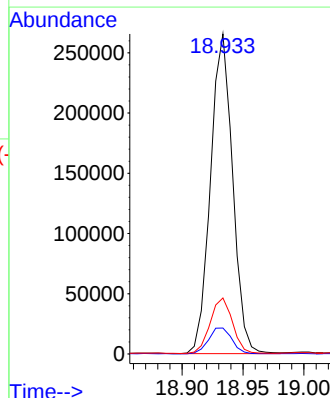
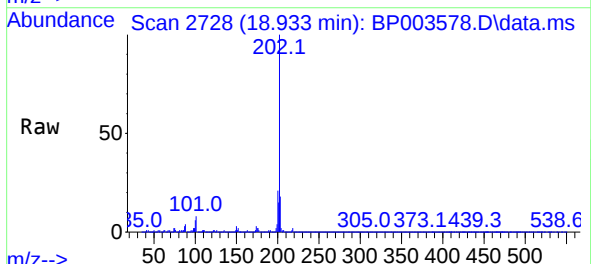
Manual Integrations
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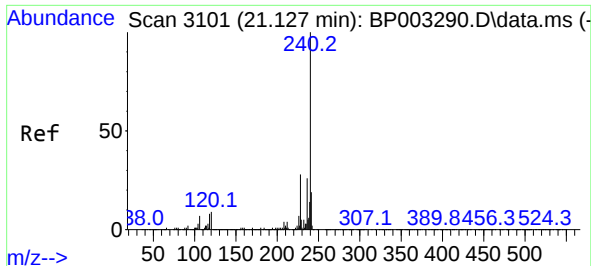
mohammad
 10/12/2020 11:32:20 AM



#75
 Fluoranthene
 Concen: 18.27 ng
 RT: 18.933 min Scan# 2728
 Delta R.T. 0.000 min
 Lab File: BP003578.D
 Acq: 08 Oct 2020 18:57

Tgt Ion:	202	Resp:	334859
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	29.4
203	17.5	0.0	37.8





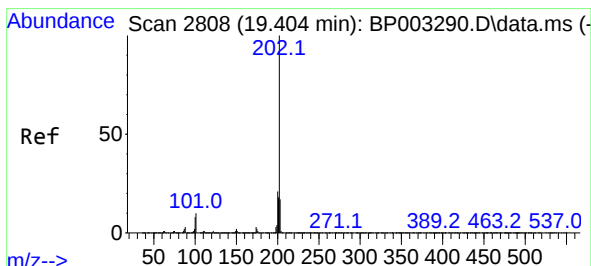
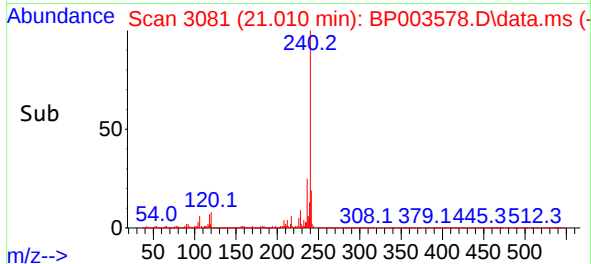
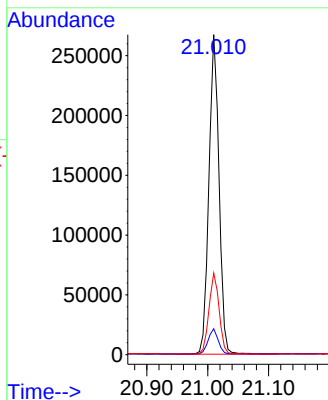
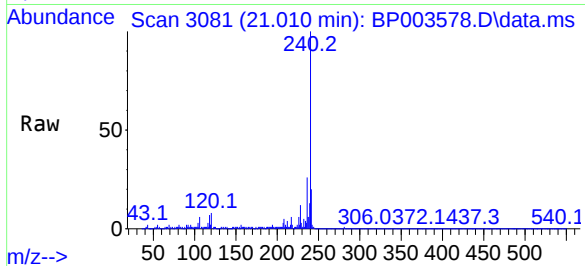
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

Tgt Ion:	240	Resp:	308826
Ion Ratio	Lower	Upper	
240	100		
120	8.1	7.8	11.6
236	25.5	20.8	31.2

Instrument :
BNA_P
ClientSampleId :
RBR-559

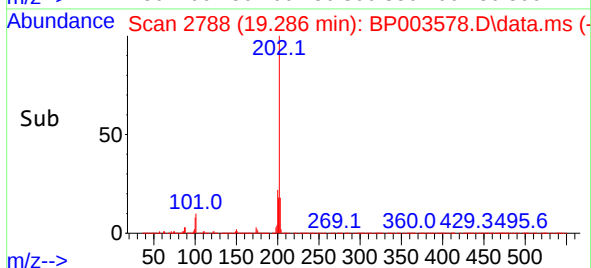
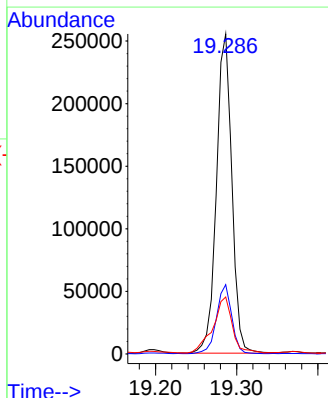
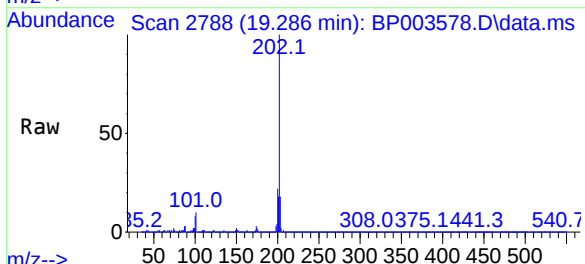
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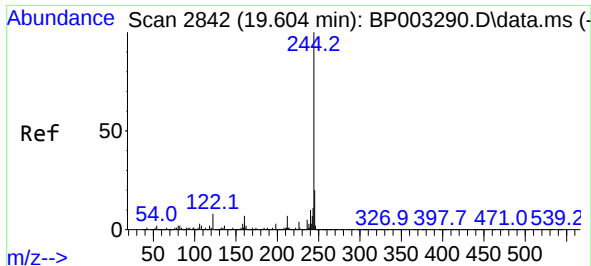
mohammad
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#78
Pyrene
Concen: 17.50 ng
RT: 19.286 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

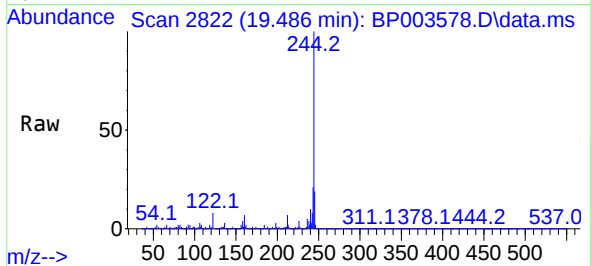
Tgt Ion:	202	Resp:	337037
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.1	25.7
203	17.8	14.2	21.2





#79
Terphenyl-d14
Concen: 53.62 ng
RT: 19.486 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

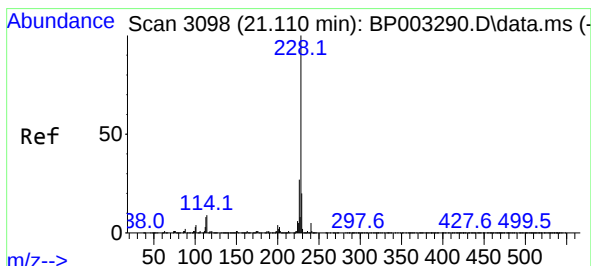
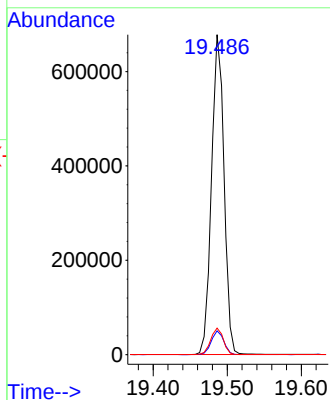
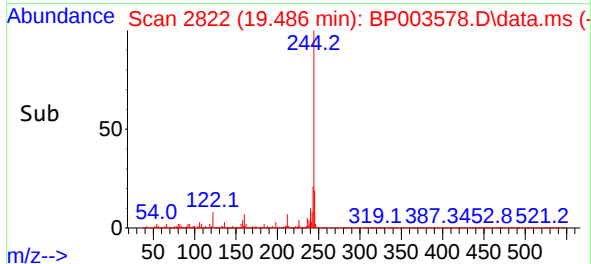
Instrument :
BNA_P
ClientSampleId :
RBR-559



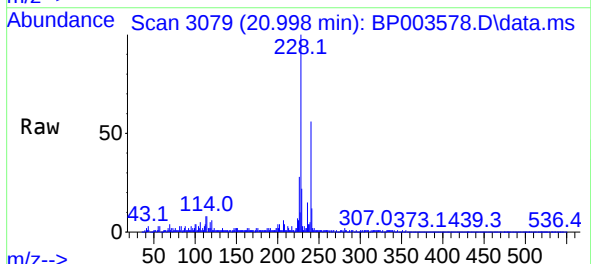
Tgt Ion:244 Resp: 794728
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 8.3 7.8 11.8

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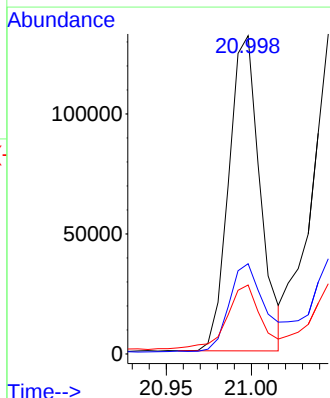
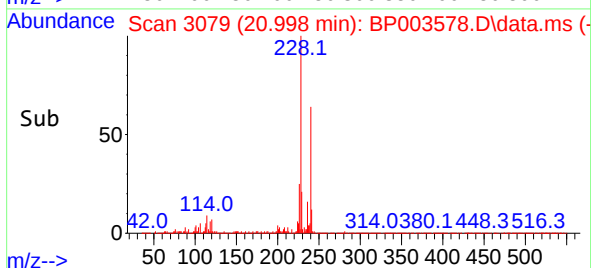
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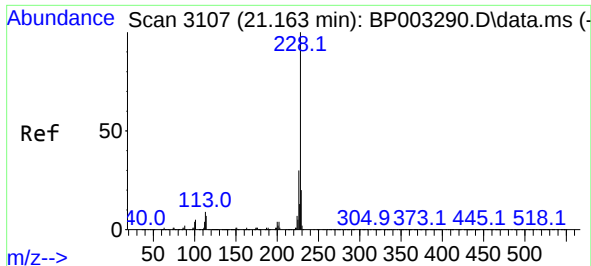


#81
Benzo(a)anthracene
Concen: 8.41 ng
RT: 20.998 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57



Tgt Ion:228 Resp: 167833
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 21.7 15.9 23.9



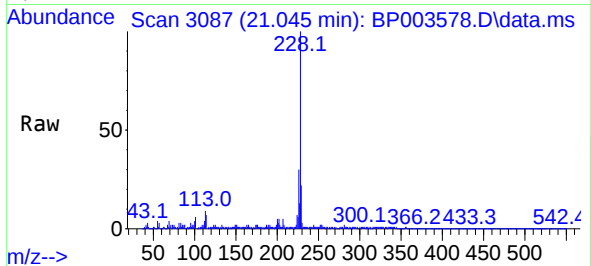


#83
Chrysene
Concen: 9.61 ng
RT: 21.045 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

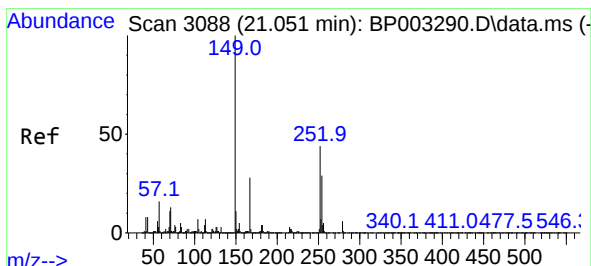
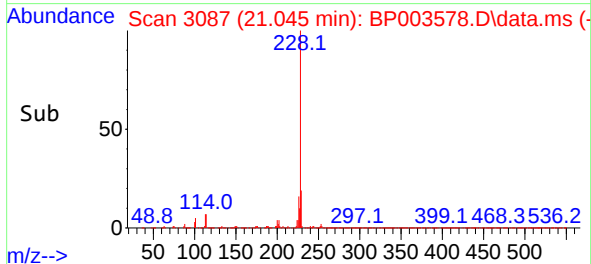
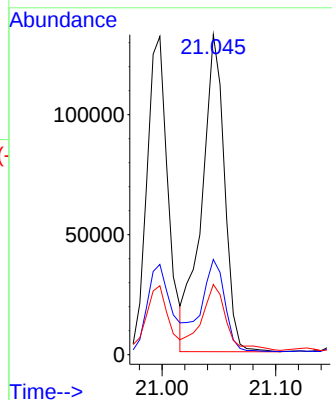
Instrument :
BNA_P
ClientSampled :
RBR-559

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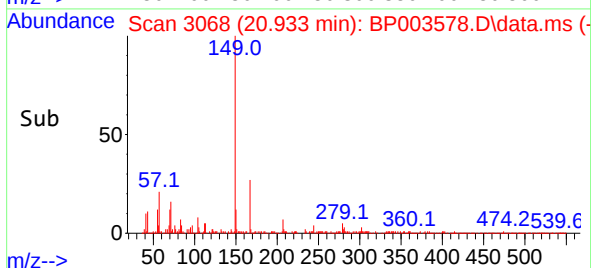
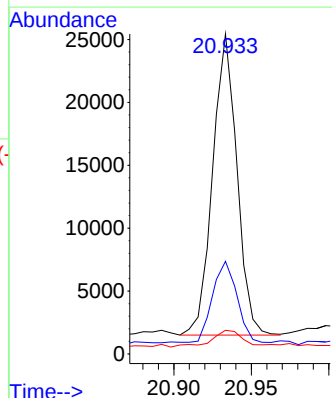
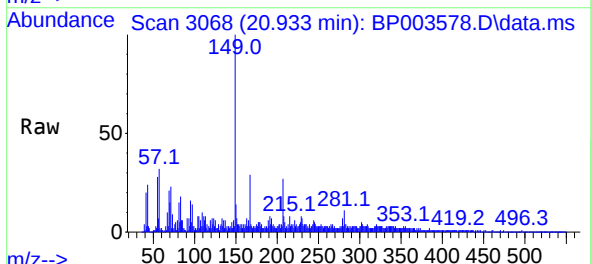


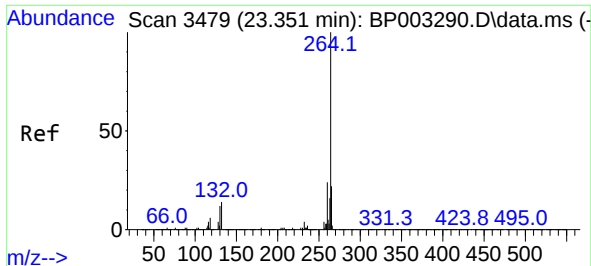
Tgt Ion:228 Resp: 184386
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 22.0 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.10 ng
RT: 20.933 min Scan# 3068
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

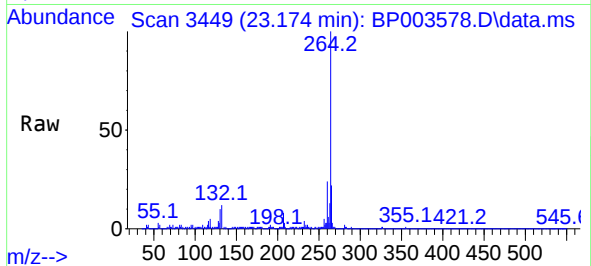
Tgt Ion:149 Resp: 26080
Ion Ratio Lower Upper
149 100
167 28.9 22.6 34.0
279 7.4 4.2 6.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.174 min Scan# 3449
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

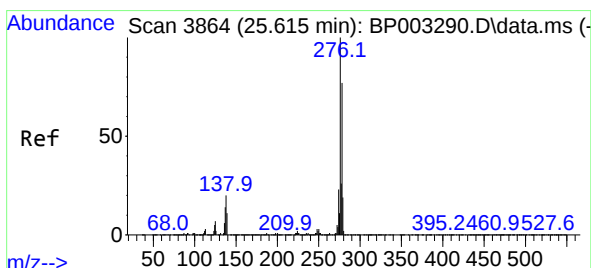
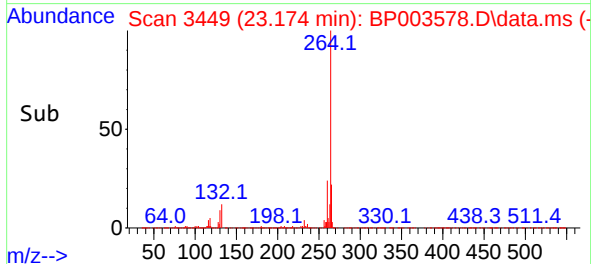
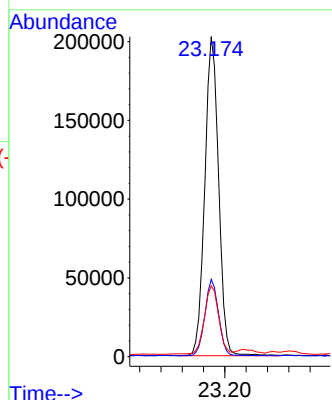
Instrument :
BNA_P
ClientSampled :
RBR-559



Tgt Ion:264 Resp: 364181
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.1 17.4 26.2

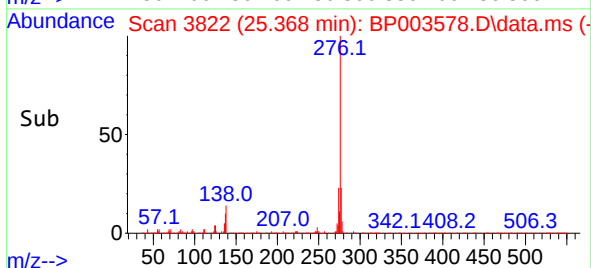
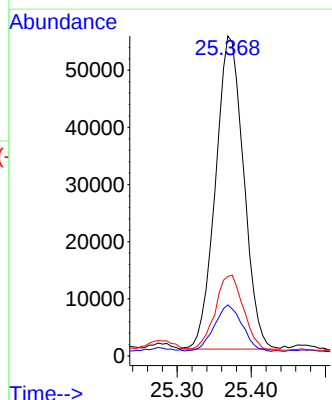
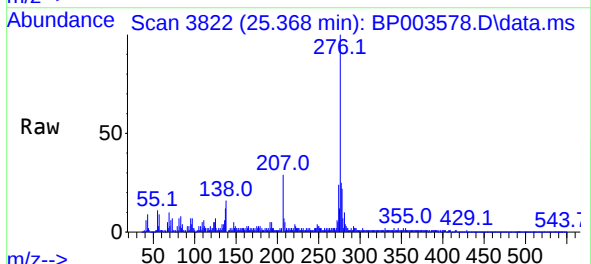
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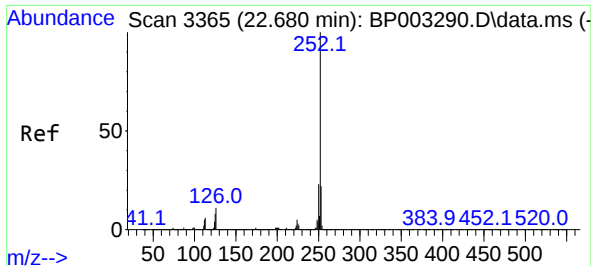
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.22 ng
RT: 25.368 min Scan# 3822
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

Tgt Ion:276 Resp: 144175
Ion Ratio Lower Upper
276 100
138 15.4 18.7 28.1#
277 24.5 20.4 30.6





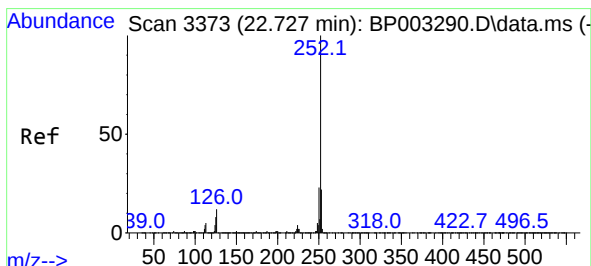
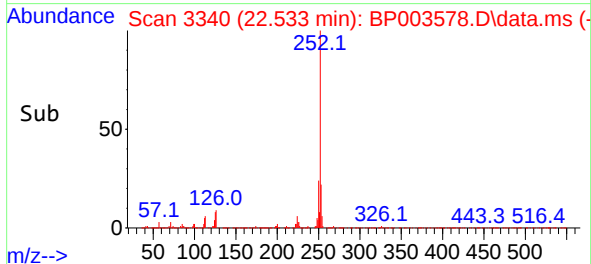
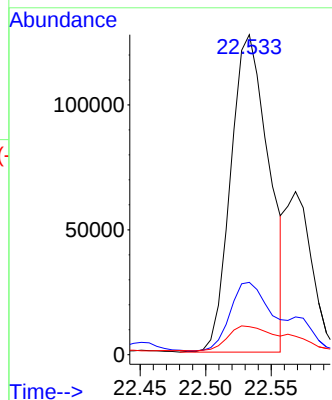
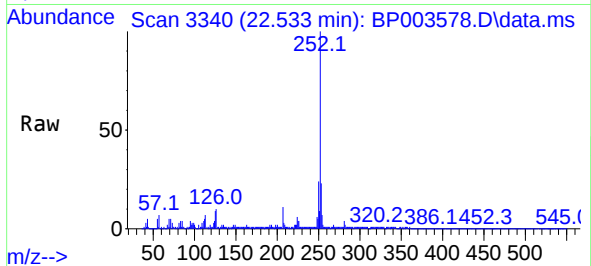
#88
Benzo(b)fluoranthene
Concen: 11.19 ng
RT: 22.533 min Scan# 3340
Delta R.T. 0.006 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

Tgt Ion:252 Resp: 257269
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 8.8 7.3 10.9

Instrument :
BNA_P
ClientSampleId :
RBR-559

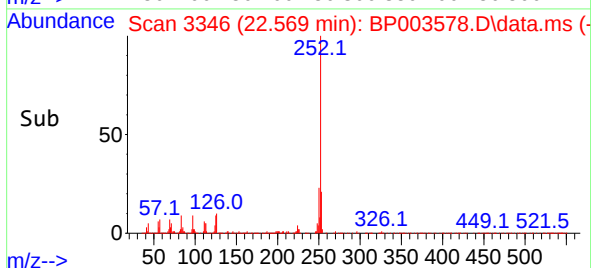
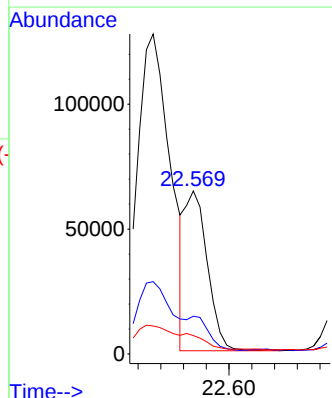
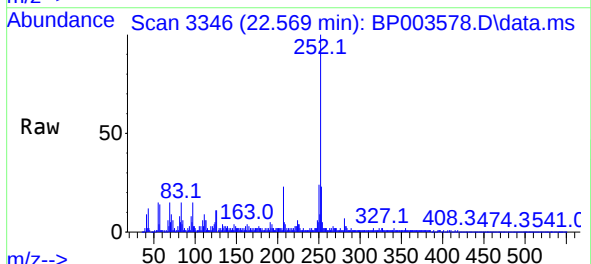
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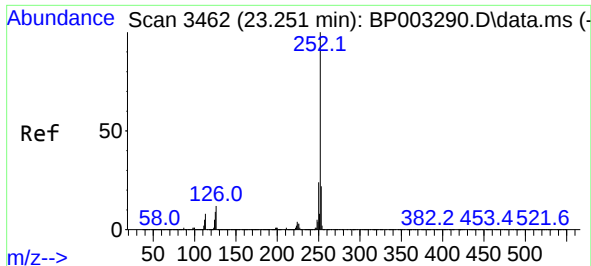
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#89
Benzo(k)fluoranthene
Concen: 3.99 ng m
RT: 22.569 min Scan# 3346
Delta R.T. 0.000 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

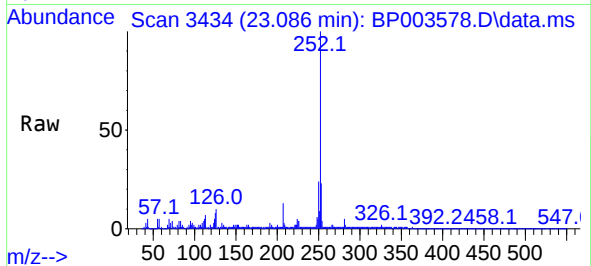
Tgt Ion:252 Resp: 87858
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 11.3 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 8.89 ng
RT: 23.086 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

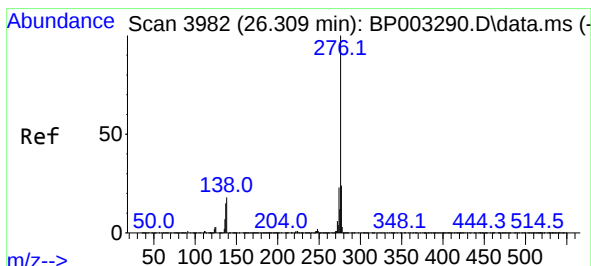
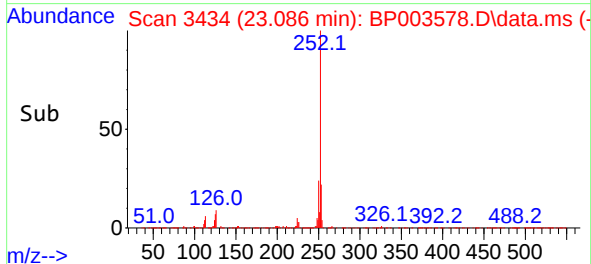
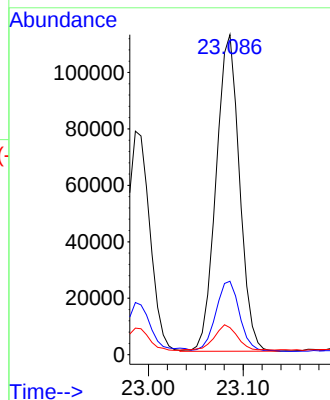
Instrument :
BNA_P
ClientSampleId :
RBR-559



Tgt Ion:252 Resp: 192684
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 8.4 8.2 12.4

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#92
Benzo(g,h,i)perylene
Concen: 6.64 ng
RT: 26.045 min Scan# 3937
Delta R.T. 0.012 min
Lab File: BP003578.D
Acq: 08 Oct 2020 18:57

Tgt Ion:276 Resp: 151072
Ion Ratio Lower Upper
276 100
277 25.6 19.0 28.6
138 16.2 16.6 24.8#

