

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
 Data File : BP005296.D
 Acq On : 13 Apr 2021 20:15
 Operator : CG/JU
 Sample : M2019-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 149TH-ST-E1-101

Manual Integrations
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Quant Time: Apr 14 02:45:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 09 18:44:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	49604	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	181533	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	118999	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	278117	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	291645	20.00	ng	0.00
86) Perylene-d12	23.486	264	236784	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	481491	101.87	ng	0.00
7) Phenol-d6	6.869	99	546088	101.26	ng	0.00
23) Nitrobenzene-d5	8.840	82	353990	61.49	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	166063	110.55	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	605126	68.65	ng	0.00
79) Terphenyl-d14	19.680	244	1120652	75.48	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.398	154	13678	2.03	ng	87
71) Phenanthrene	17.145	178	400605	25.48	ng	99
72) Anthracene	17.234	178	108941	7.15	ng	99
75) Fluoranthene	19.133	202	956879	49.62	ng	99
78) Pyrene	19.486	202	861945	47.55	ng	99
81) Benzo(a)anthracene	21.192	228	455385	23.67	ng	98
83) Chrysene	21.245	228	381862	20.40	ng	97
87) Indeno(1,2,3-cd)pyrene	25.827	276	208811	11.54	ng	# 90
88) Benzo(b)fluoranthene	22.804	252	459207m	29.63	ng	
89) Benzo(k)fluoranthene	22.839	252	160651m	10.81	ng	
90) Benzo(a)pyrene	23.392	252	336905	23.49	ng	97
91) Dibenzo(a,h)anthracene	25.833	278	54206	3.44	ng	95
92) Benzo(g,h,i)perylene	26.545	276	200786	13.16	ng	# 92

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

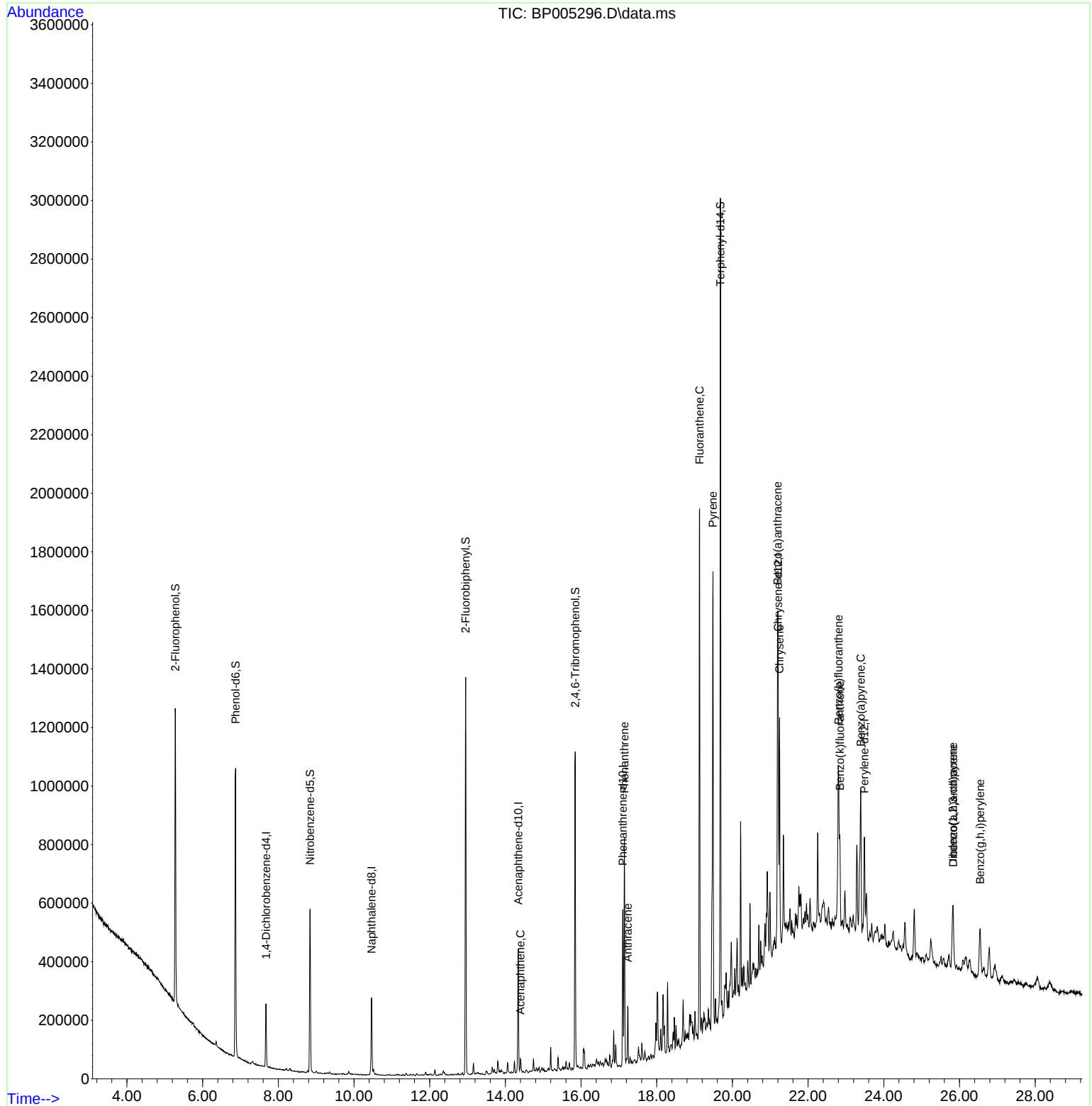
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005296.D
Acq On : 13 Apr 2021 20:15
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Sample : M2019-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

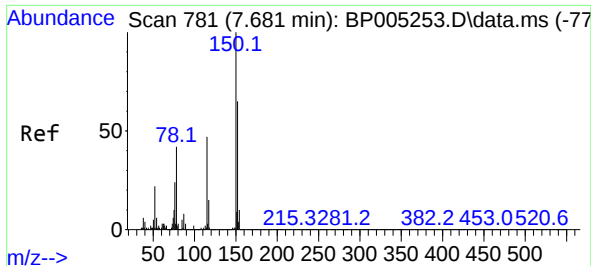
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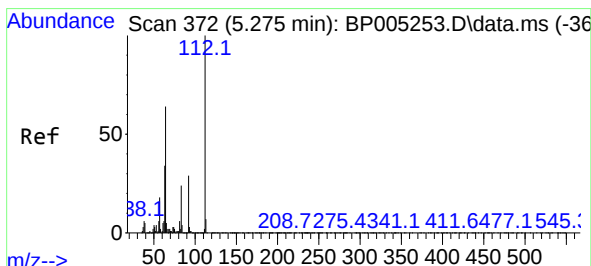
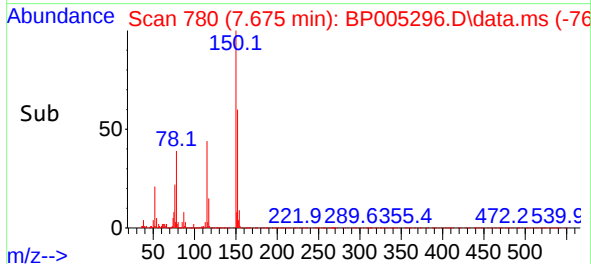
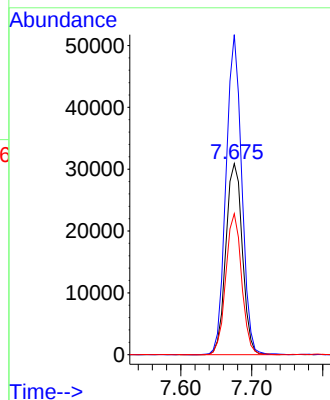
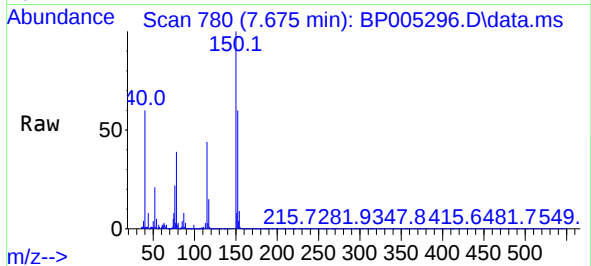
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:152 Resp: 49604
Ion Ratio Lower Upper
152 100
150 167.5 123.8 185.6
115 73.8 43.8 65.6#

Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

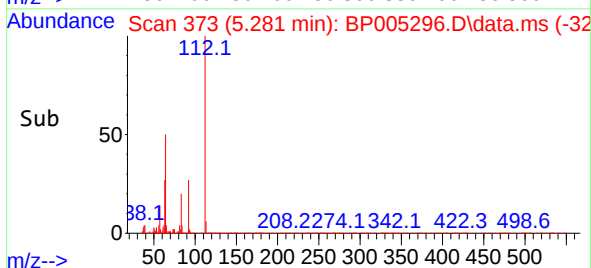
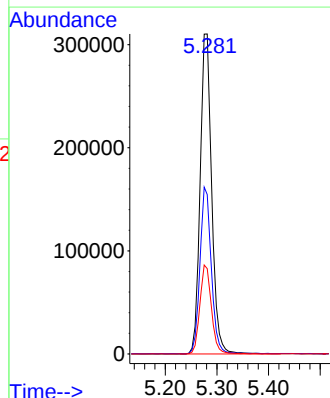
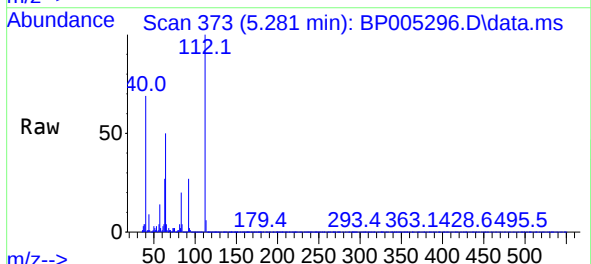
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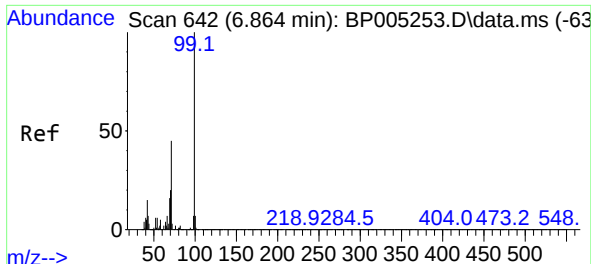
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#5
2-Fluorophenol
Concen: 101.87 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

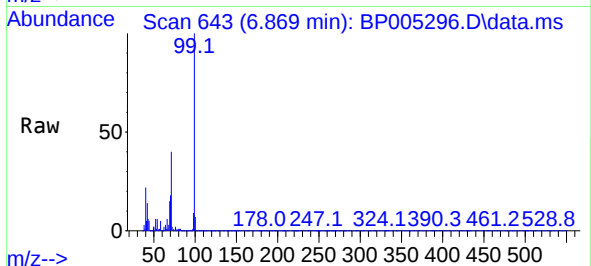
Tgt Ion:112 Resp: 481491
Ion Ratio Lower Upper
112 100
64 49.8 32.8 49.2#
63 26.6 17.0 25.4#





#7
Phenol-d6
Concen: 101.26 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

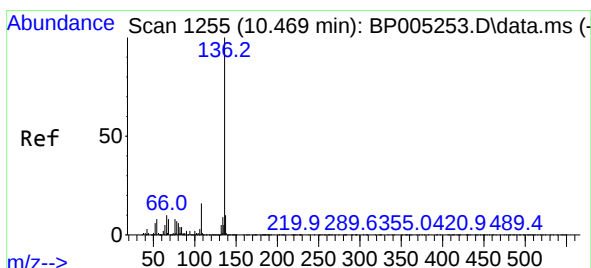
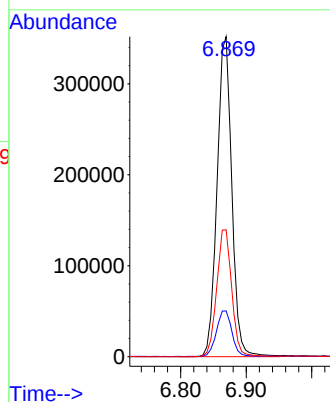
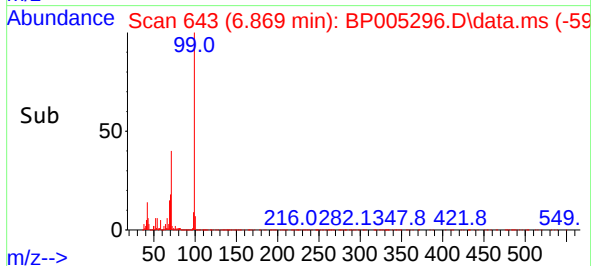
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ClientSampleId :
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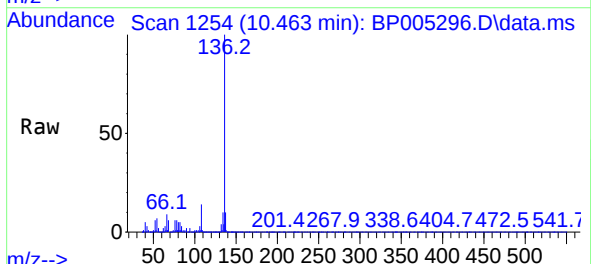
Tgt Ion: 99 Resp: 546088
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 39.6 23.4 35.2#

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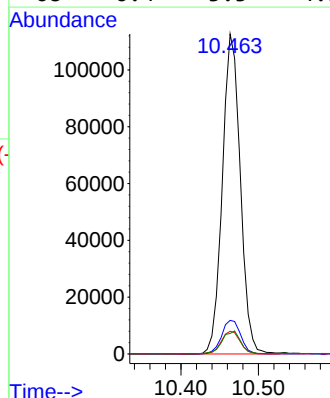
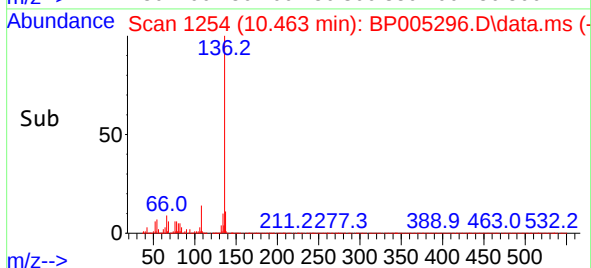
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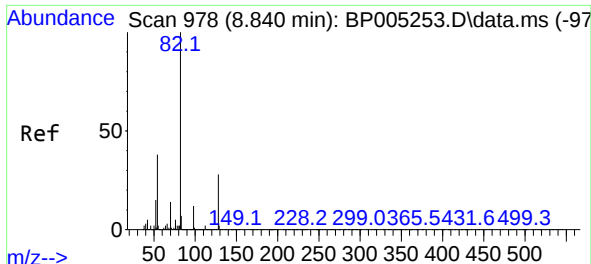


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15



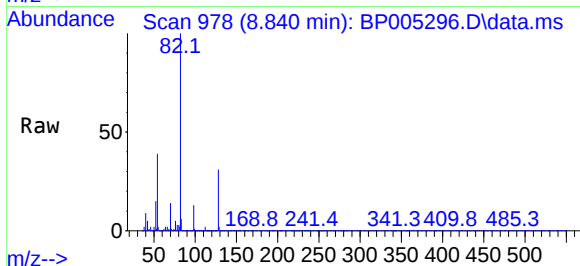
Tgt Ion: 136 Resp: 181533
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.1 3.6 5.4#
68 6.4 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 61.49 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

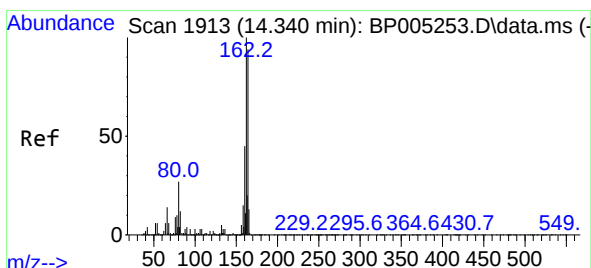
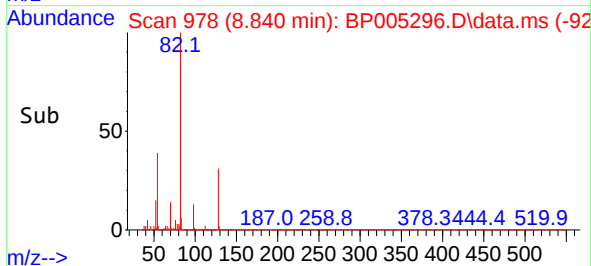
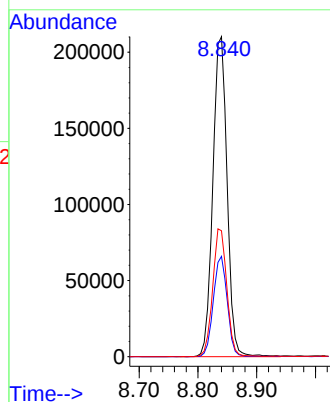
Instrument :
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ClientSampleId :
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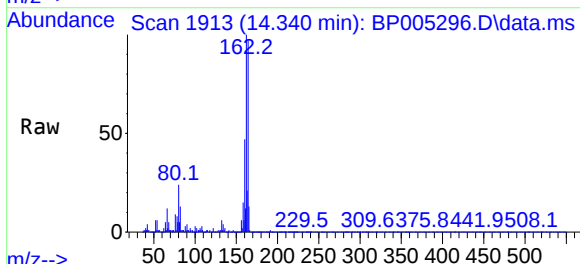
Tgt Ion: 82 Resp: 353990
Ion Ratio Lower Upper
82 100
128 31.3 45.6 68.4#
54 39.3 30.1 45.1

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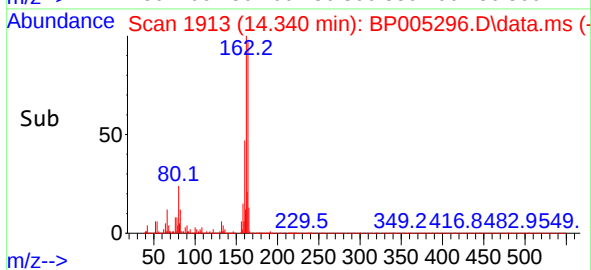
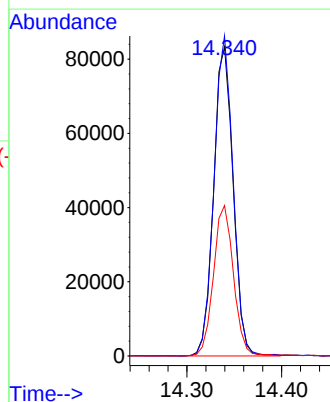
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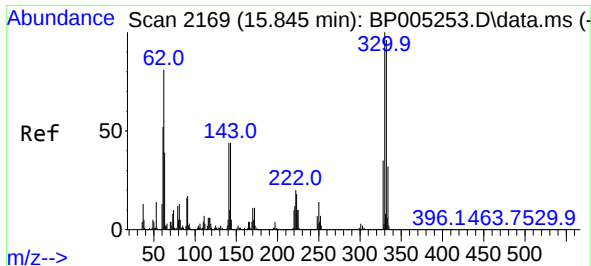


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15



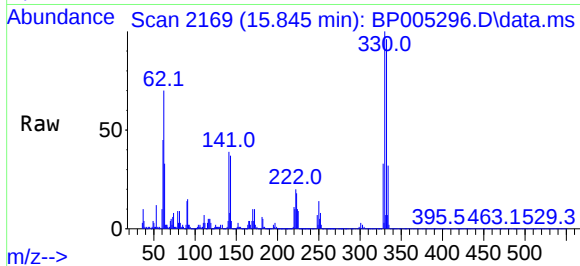
Tgt Ion: 164 Resp: 118999
Ion Ratio Lower Upper
164 100
162 103.5 79.4 119.2
160 48.7 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 110.55 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

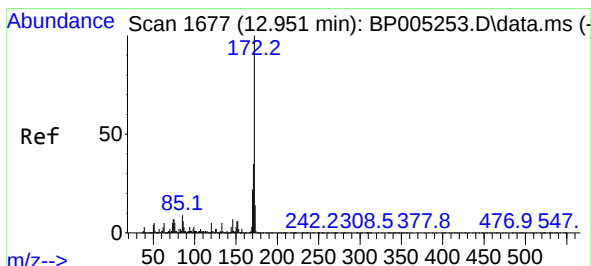
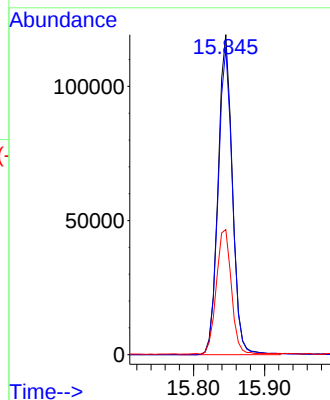
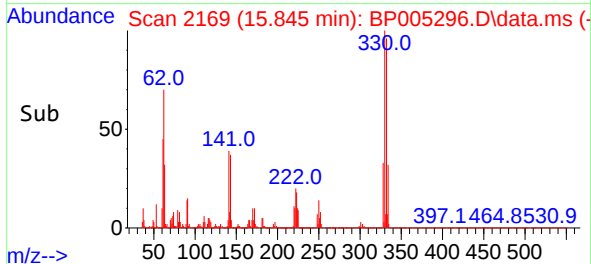
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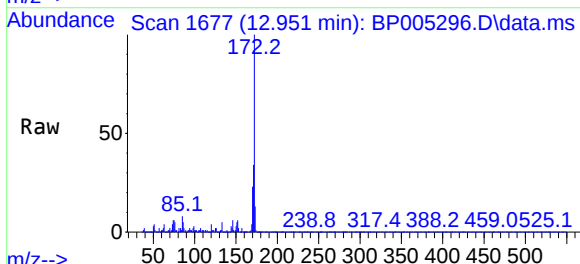
Tgt Ion:330 Resp: 166063
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 41.1 23.4 35.2#

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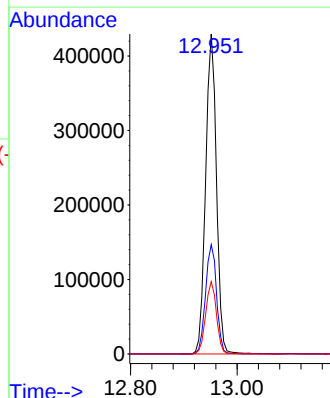
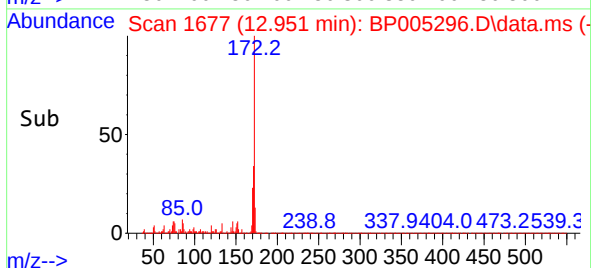
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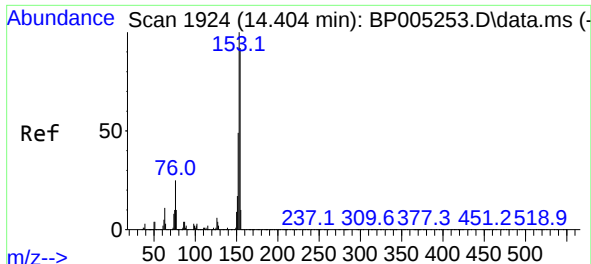


#45
2-Fluorobiphenyl
Concen: 68.65 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15



Tgt Ion:172 Resp: 605126
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 22.6 19.2 28.8





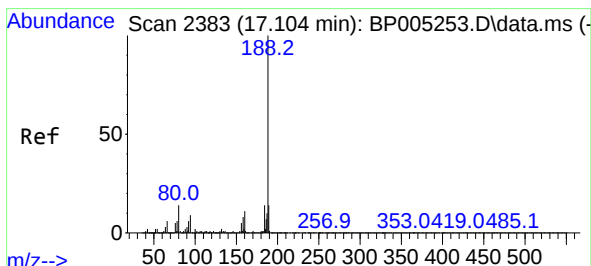
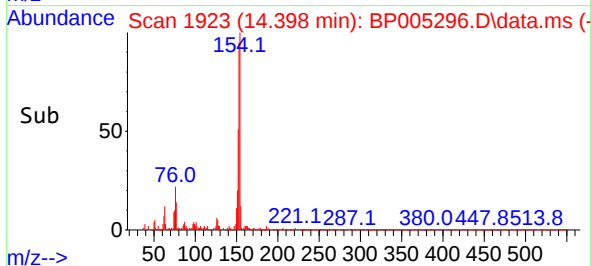
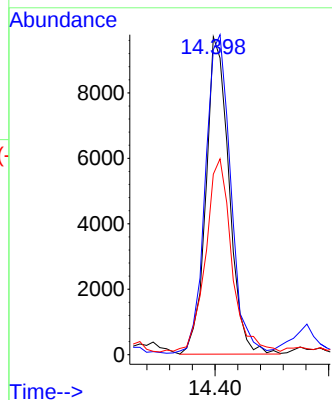
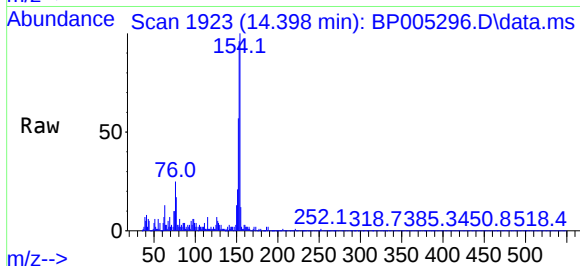
#52
Acenaphthene
Concen: 2.03 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:	154	Resp:	13678
Ion	Ratio	Lower	Upper
154	100		
153	95.9	91.0	136.6
152	56.8	43.0	64.6

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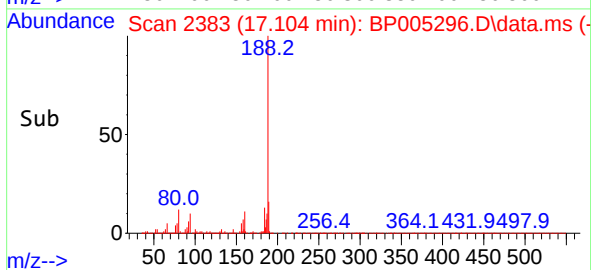
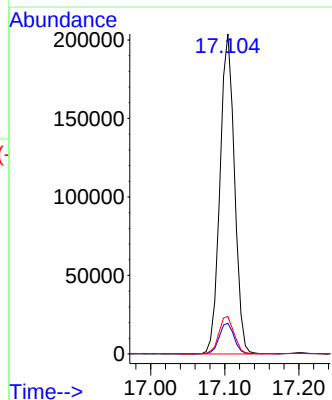
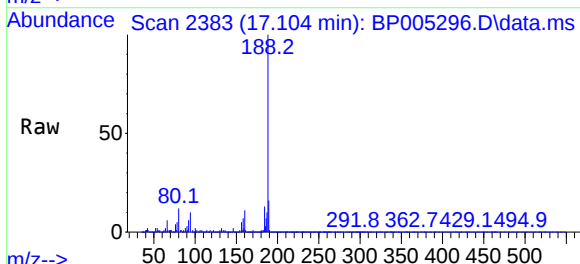
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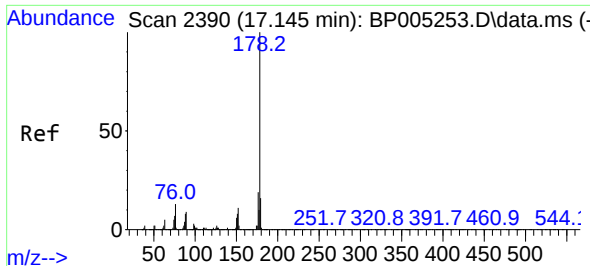
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:	188	Resp:	278117
Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.2	9.2#
80	11.7	6.2	9.2#





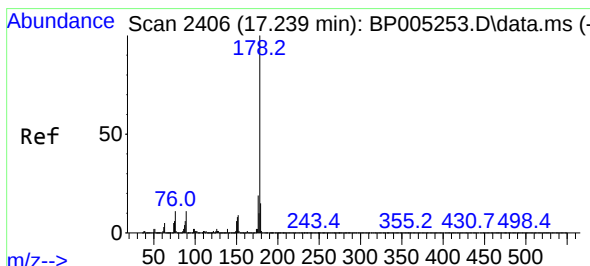
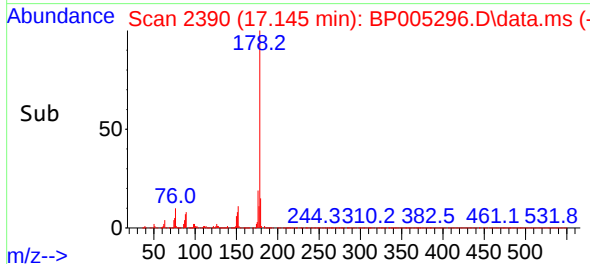
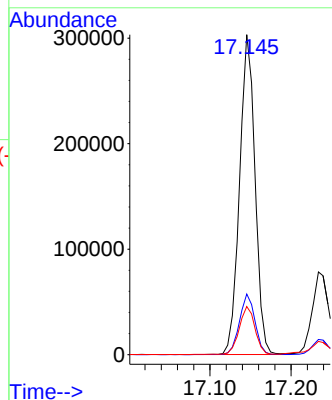
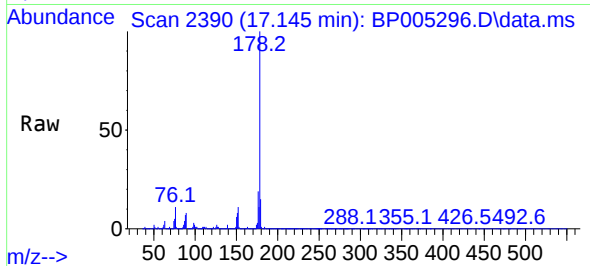
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Phenanthrene
Concen: 25.48 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:	178	Resp:	400605
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.3	22.9
179	15.1	12.5	18.7

Instrument :
BNA_P
ClientSampleId :
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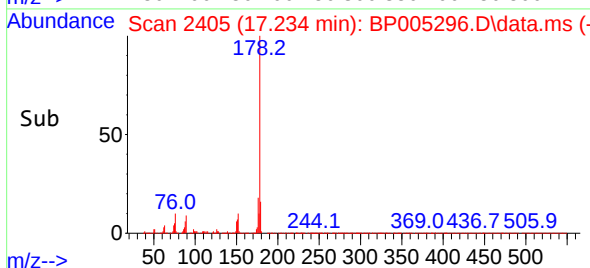
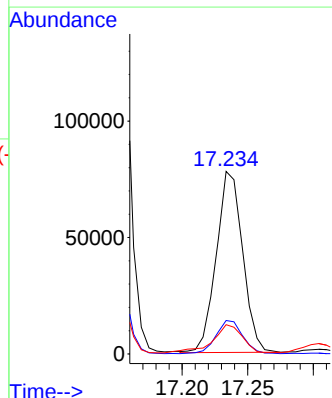
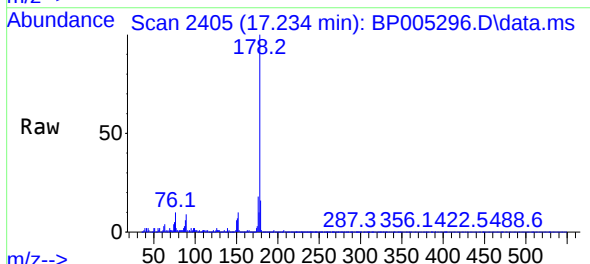
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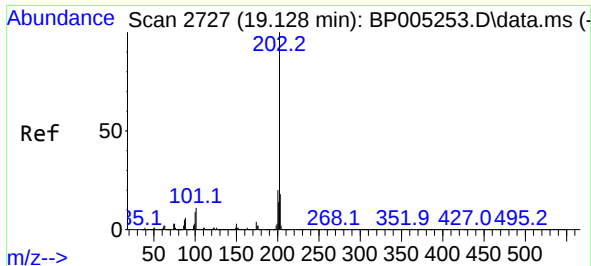
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#72
Anthracene
Concen: 7.15 ng
RT: 17.234 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:	178	Resp:	108941
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.0	22.4
179	16.0	12.5	18.7





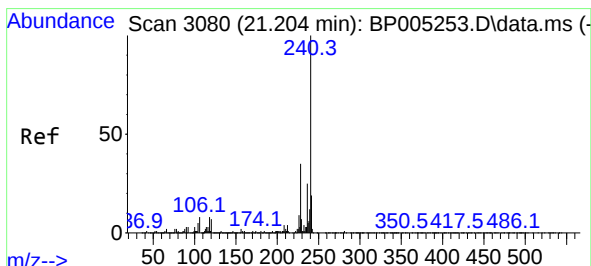
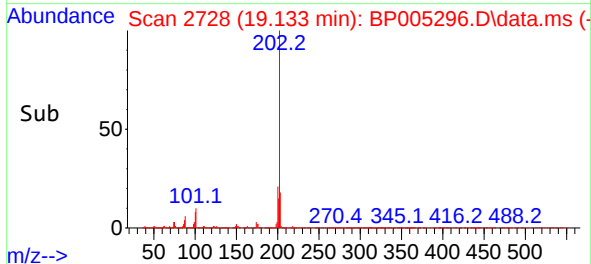
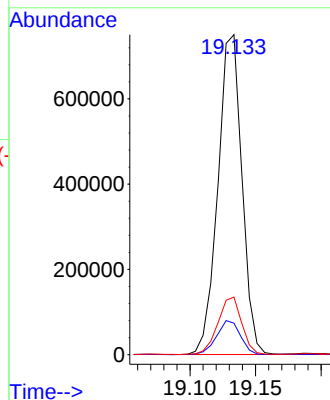
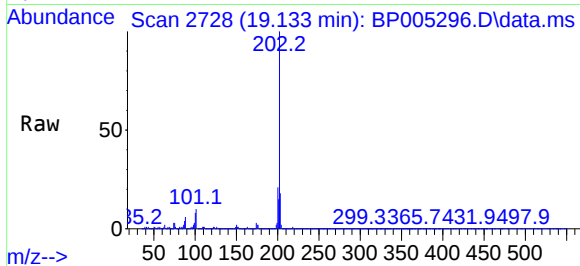
#75
Fluoranthene
Concen: 49.62 ng
RT: 19.133 min Scan# 2728
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:	202	Resp:	956879
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.4
203	18.0	0.0	37.8

Instrument :
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149TH-ST-E1-101

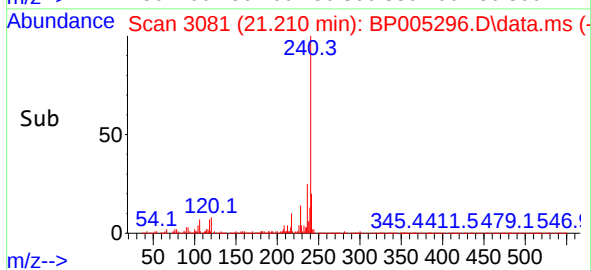
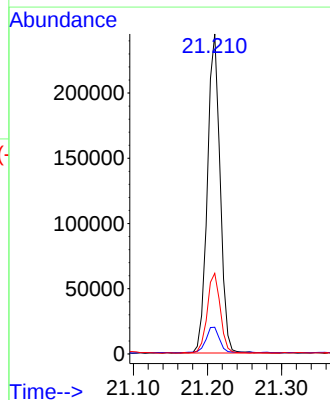
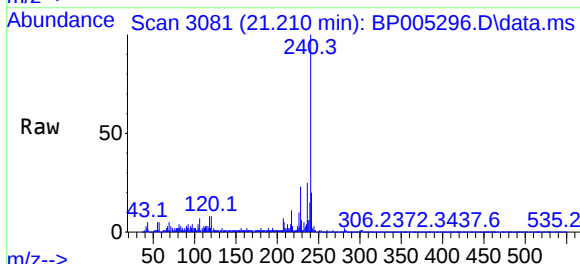
Manual Integrations
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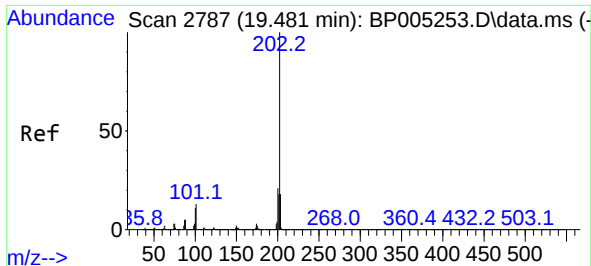
mohammad
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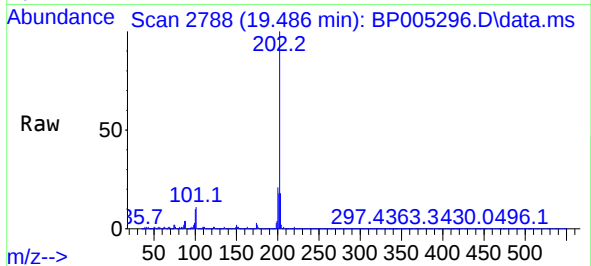
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:	240	Resp:	291645
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.8	11.6
236	25.2	20.8	31.2

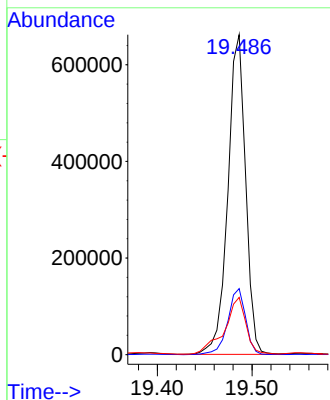
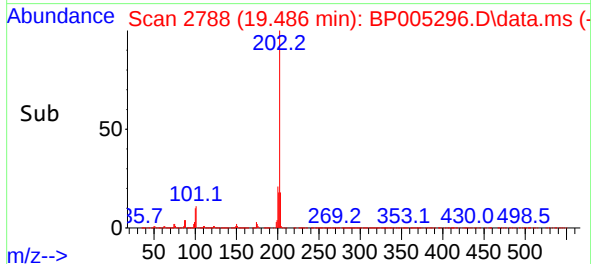




#78
Pyrene
Concen: 47.55 ng
RT: 19.486 min Scan# 2788
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15



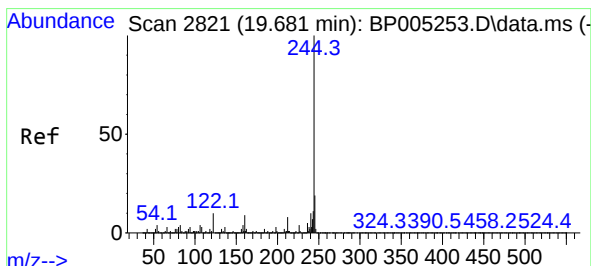
Tgt Ion:202 Resp: 861945
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.9 14.2 21.2



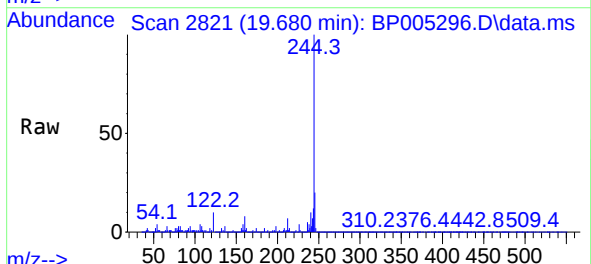
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

Manual Integrations
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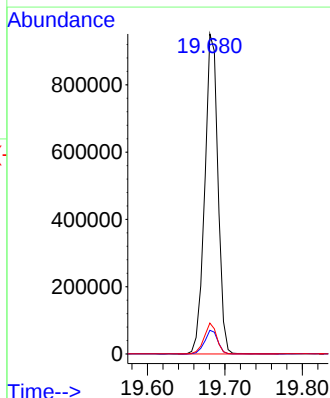
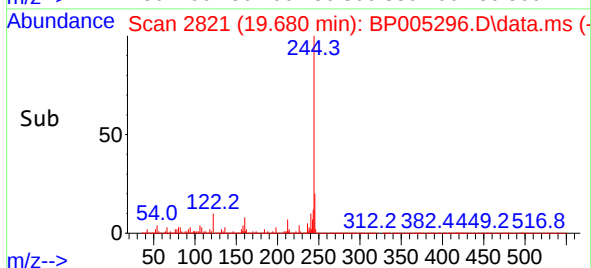
mohammad
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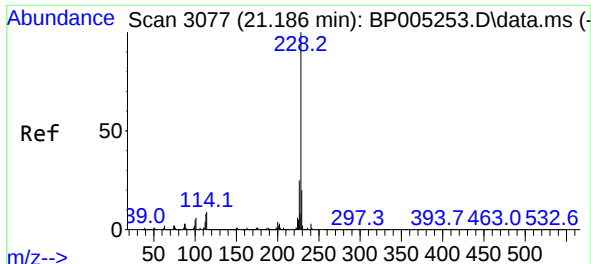


#79
Terphenyl-d14
Concen: 75.48 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15



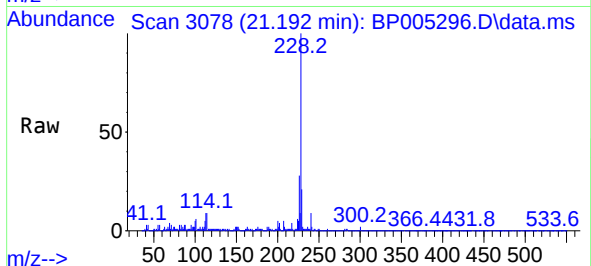
Tgt Ion:244 Resp: 1120652
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.7 7.8 11.8





#81
Benzo(a)anthracene
Concen: 23.67 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

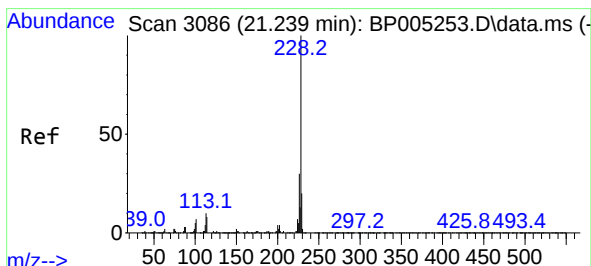
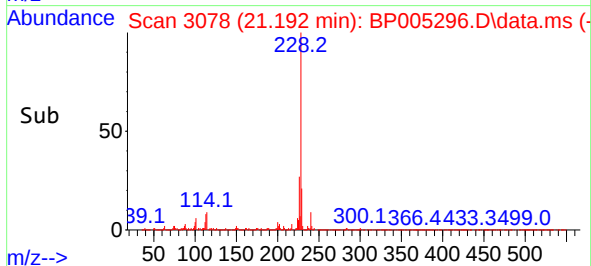
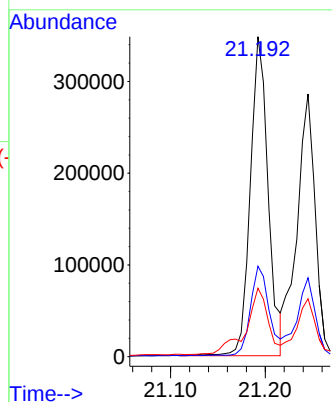
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101



Tgt Ion:228 Resp: 455385
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 21.4 15.9 23.9

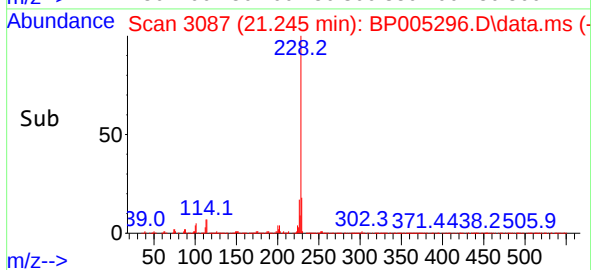
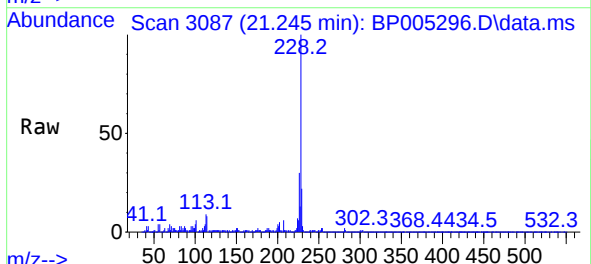
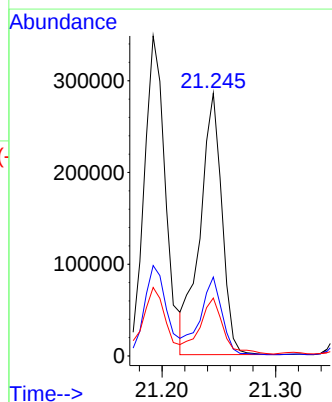
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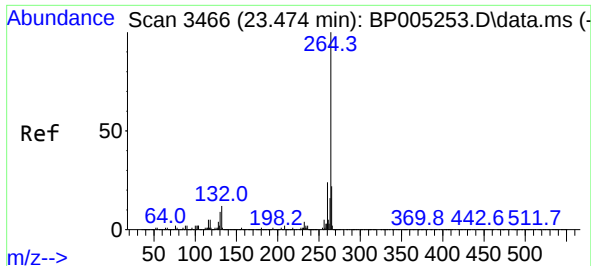
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#83
Chrysene
Concen: 20.40 ng
RT: 21.245 min Scan# 3087
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

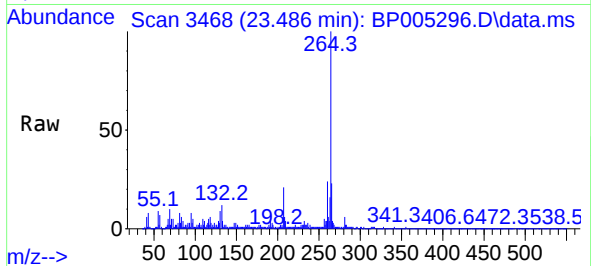
Tgt Ion:228 Resp: 381862
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 22.1 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. 0.012 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

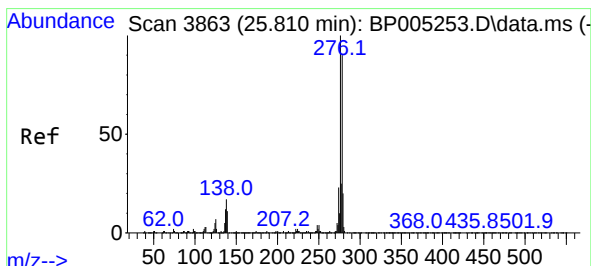
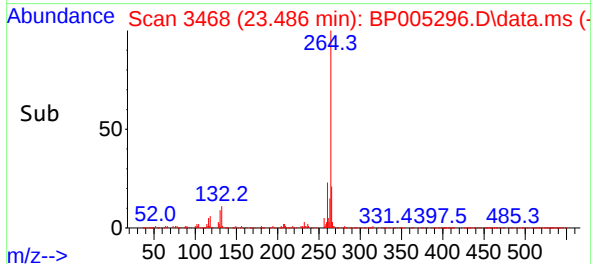
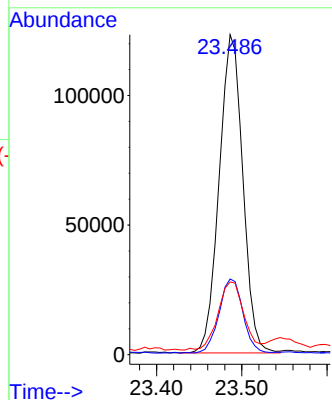
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101



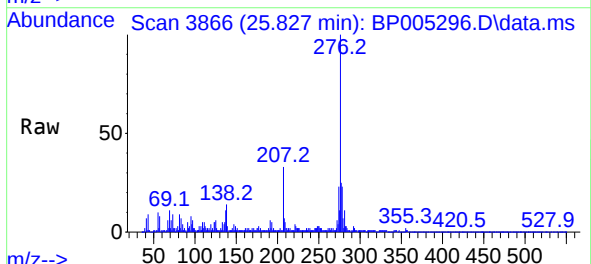
Tgt Ion:264 Resp: 236784
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 22.7 17.4 26.2

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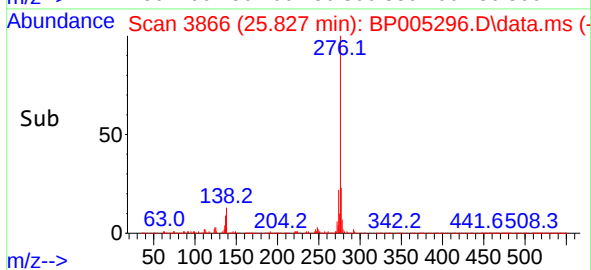
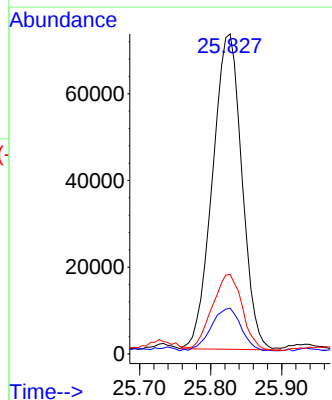
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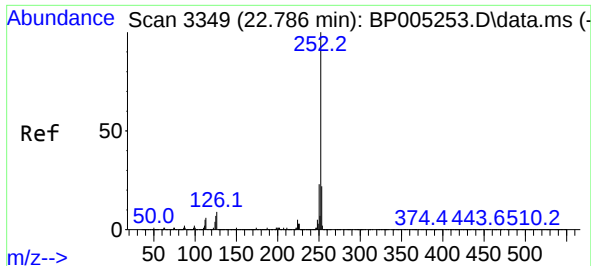


#87
Indeno(1,2,3-cd)pyrene
Concen: 11.54 ng
RT: 25.827 min Scan# 3866
Delta R.T. 0.018 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15



Tgt Ion:276 Resp: 208811
Ion Ratio Lower Upper
276 100
138 13.7 18.7 28.1#
277 24.9 20.4 30.6





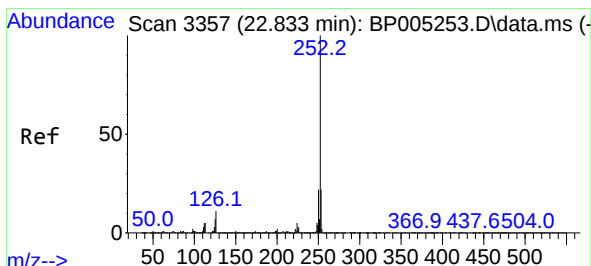
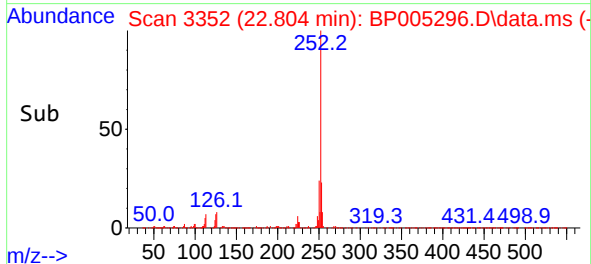
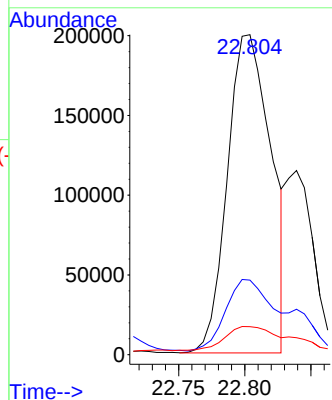
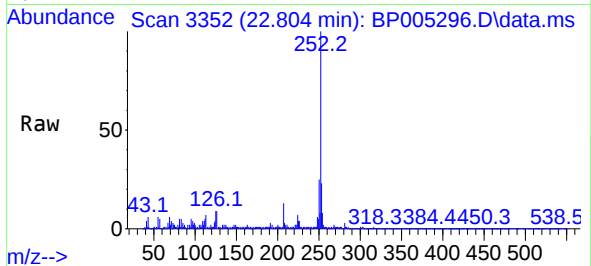
#88
Benzo(b)fluoranthene
Concen: 29.63 ng m
RT: 22.804 min Scan# 3352
Delta R.T. 0.018 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:252 Resp: 459207
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 8.7 7.3 10.9

Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

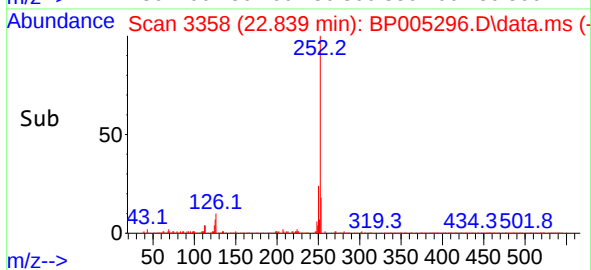
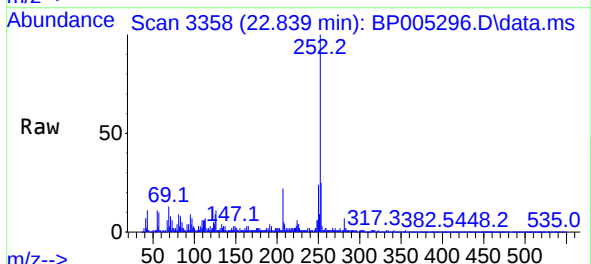
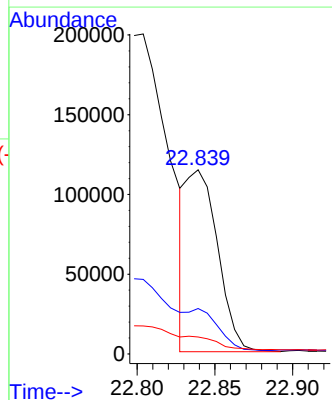
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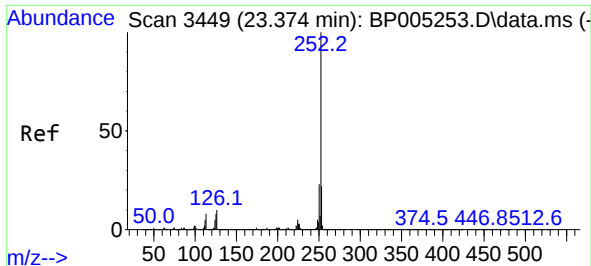
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#89
Benzo(k)fluoranthene
Concen: 10.81 ng m
RT: 22.839 min Scan# 3358
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:252 Resp: 160651
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 9.2 7.4 11.2





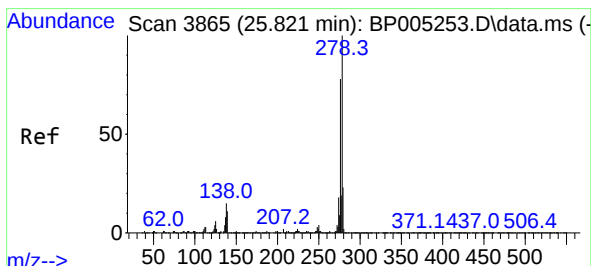
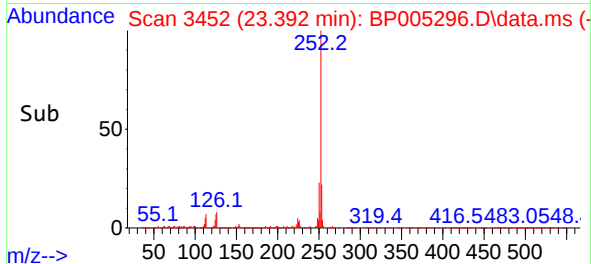
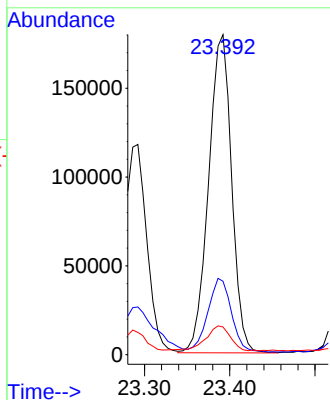
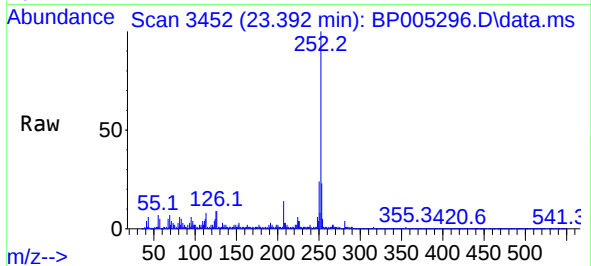
#90
Benzo(a)pyrene
Concen: 23.49 ng
RT: 23.392 min Scan# 3452
Delta R.T. 0.018 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion: 252 Resp: 336905
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 8.7 8.2 12.4

Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

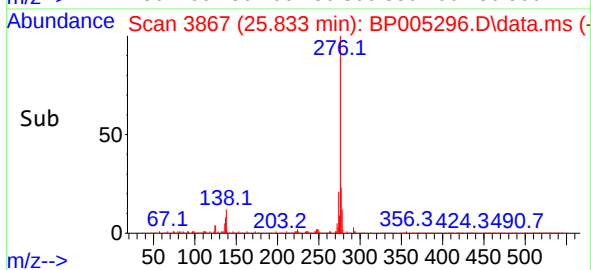
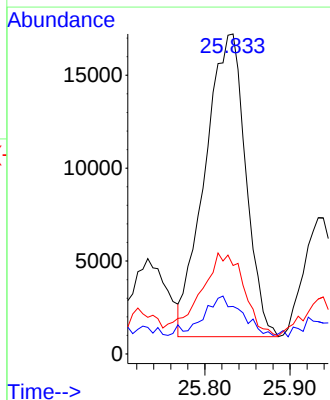
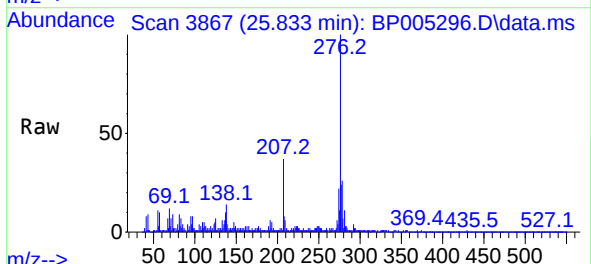
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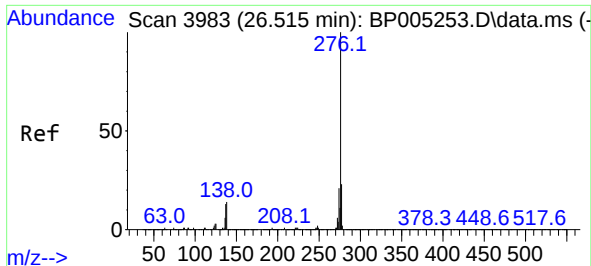
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#91
Dibenzo(a,h)anthracene
Concen: 3.44 ng
RT: 25.833 min Scan# 3867
Delta R.T. 0.012 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

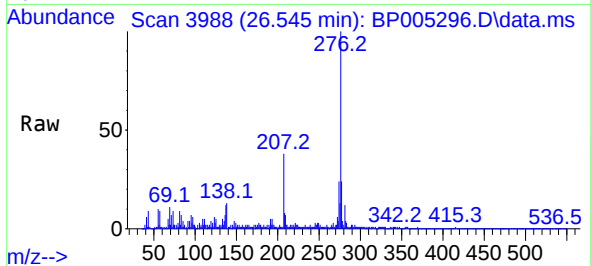
Tgt Ion: 278 Resp: 54206
Ion Ratio Lower Upper
278 100
139 14.9 12.4 18.6
279 27.7 19.0 28.6





#92
Benzo(g,h,i)perylene
Concen: 13.16 ng
RT: 26.545 min Scan# 3988
Delta R.T. 0.029 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101



Tgt Ion: 276 Resp: 200786
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.6
138 13.4 16.6 24.8#

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