

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

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)

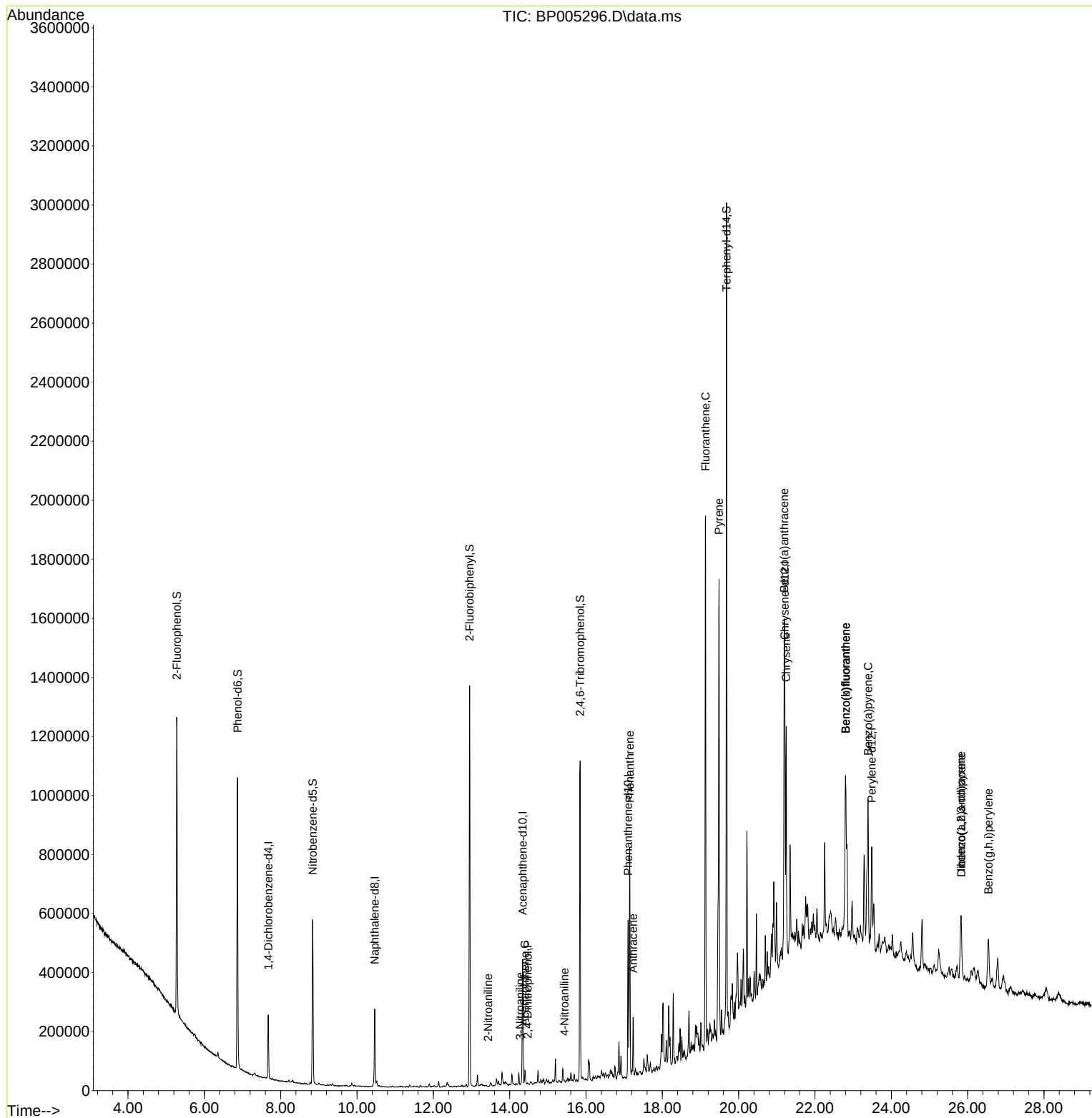
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	49604	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	181533	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	118999	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	278117	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	291645	20.00	ng	0.00
86) Perylene-d12	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
48) 2-Nitroaniline	13.434	65	181	3.57	ng	# 9
52) Acenaphthene	14.398	154	13678	2.03	ng	87
53) 3-Nitroaniline	14.275	138	91	2.52	ng	# 63
54) 2,4-Dinitrophenol	14.475	184	30	6.17	ng	# 1
62) 4-Nitroaniline	15.440	138	35	2.10	ng	# 1
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	619969	40.00	ng	98
89) Benzo(k)fluoranthene	22.804	252	619969	41.73	ng	98
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

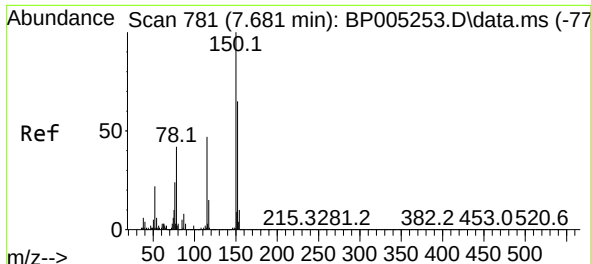
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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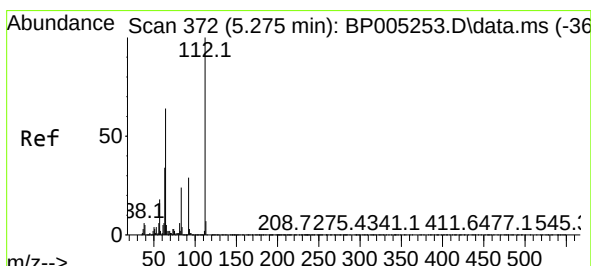
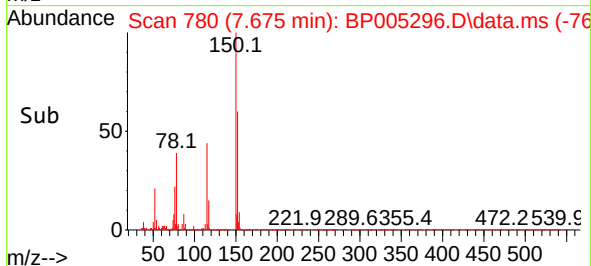
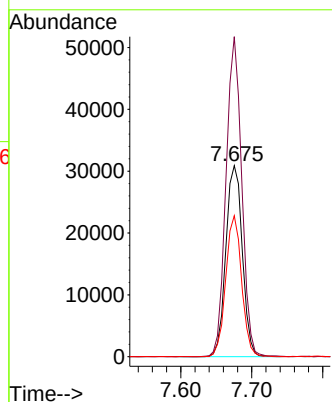
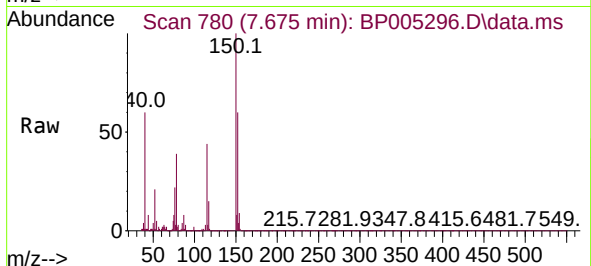




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

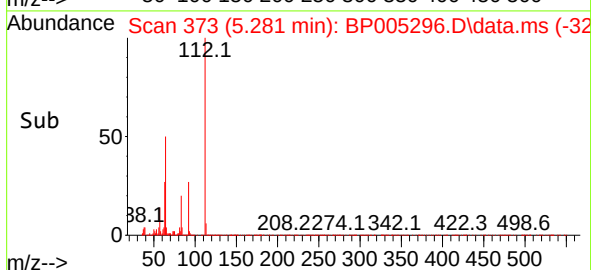
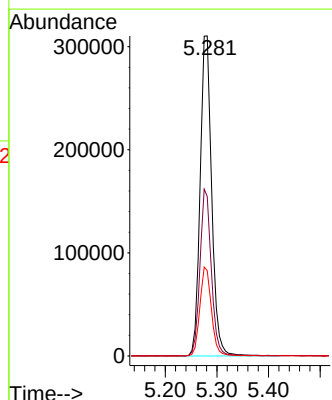
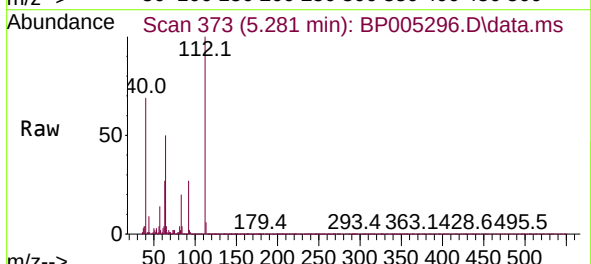
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BNA_P
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149TH-ST-E1-101

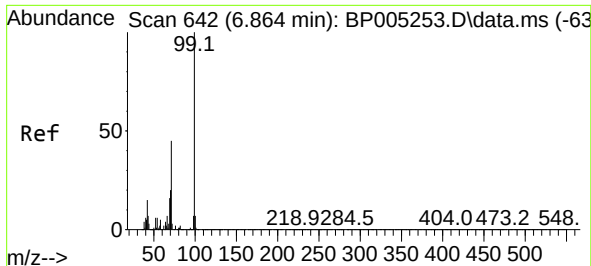
Tgt Ion:152 Resp: 49604
Ion Ratio Lower Upper
152 100
150 167.5 123.8 185.6
115 73.8 43.8 65.6#



#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#

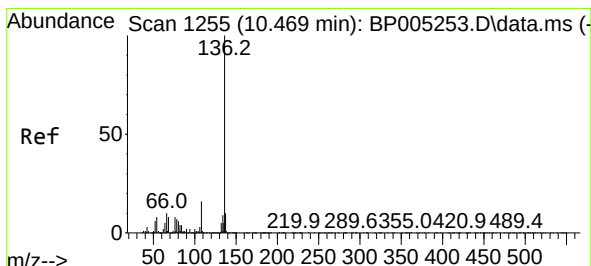
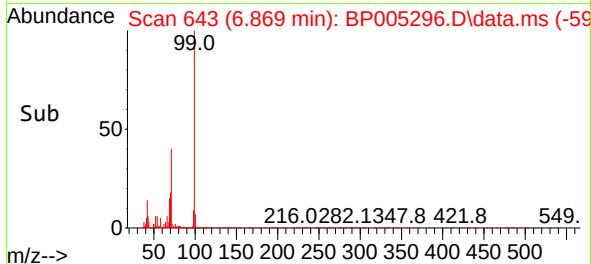
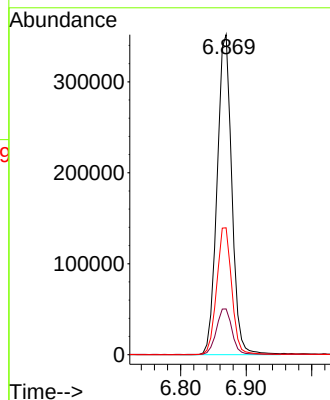
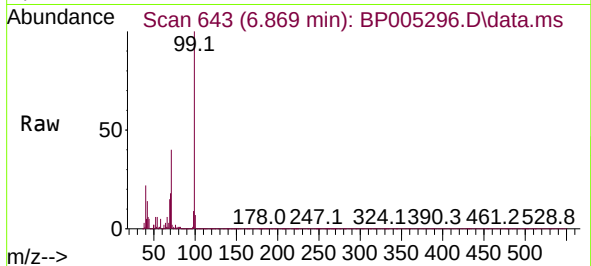




#7
Phenol-d6
Concen: 101.26 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

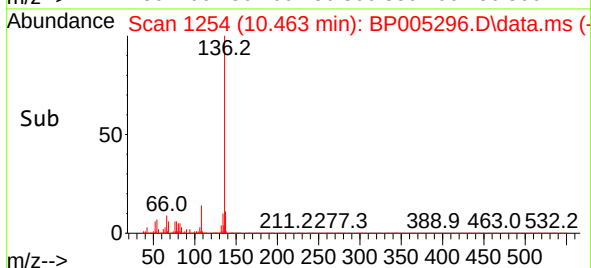
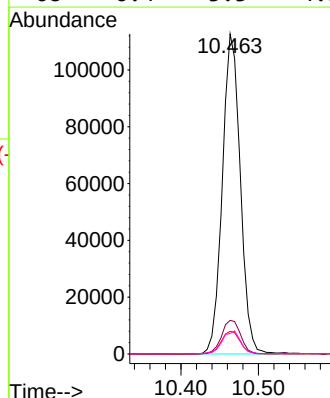
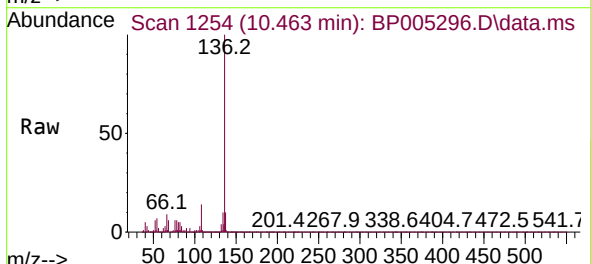
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

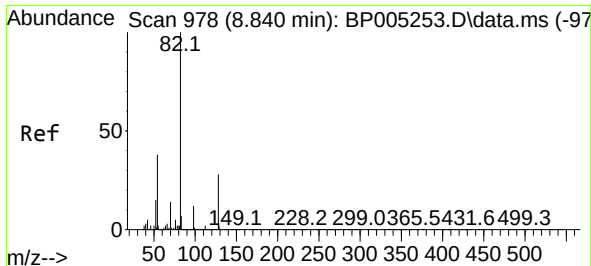
Tgt Ion: 99 Resp: 546088
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 39.6 23.4 35.2#



#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#

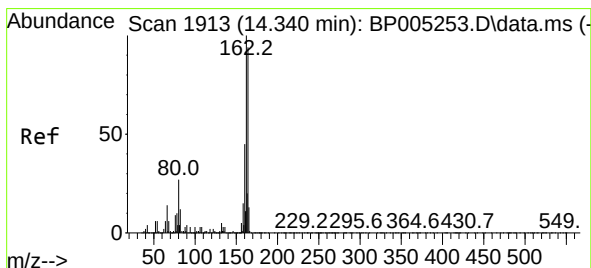
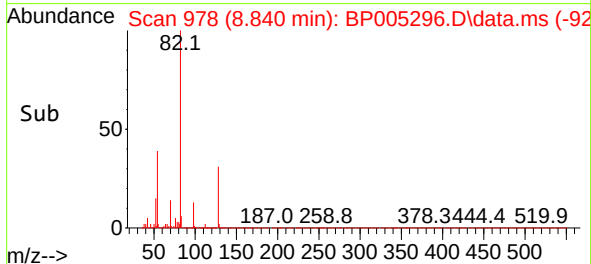
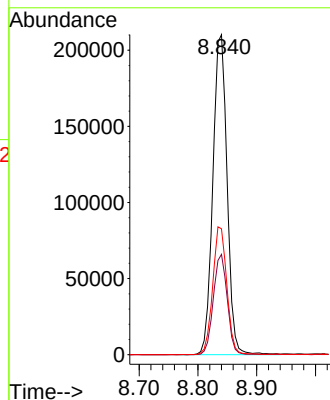
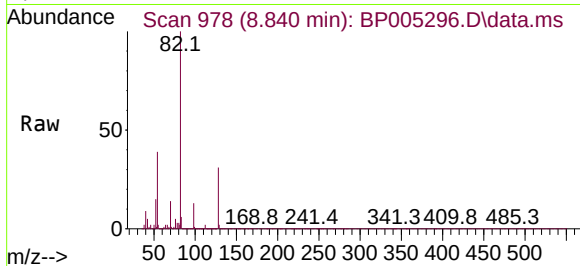




#23
 Nitrobenzene-d5
 Concen: 61.49 ng
 RT: 8.840 min Scan# 978
 Delta R.T. -0.000 min
 Lab File: BP005296.D
 Acq: 13 Apr 2021 20:15

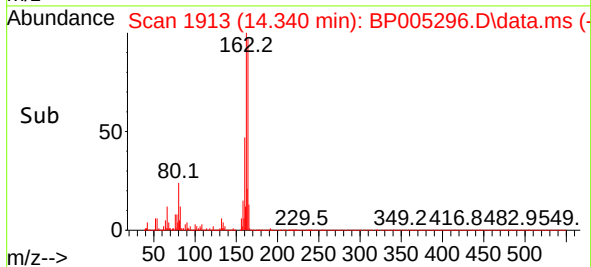
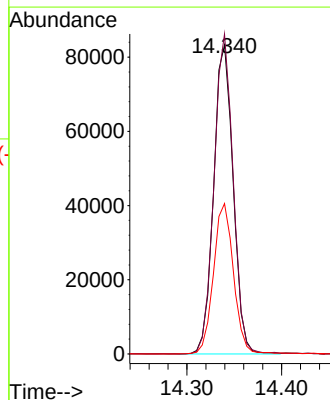
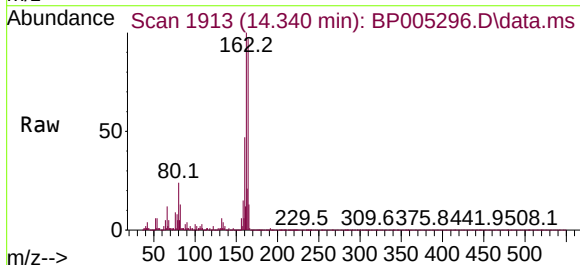
Instrument :
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 149TH-ST-E1-101

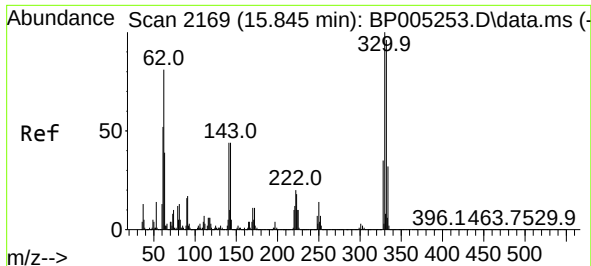
Tgt Ion: 82 Resp: 353990
 Ion Ratio Lower Upper
 82 100
 128 31.3 45.6 68.4#
 54 39.3 30.1 45.1



#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

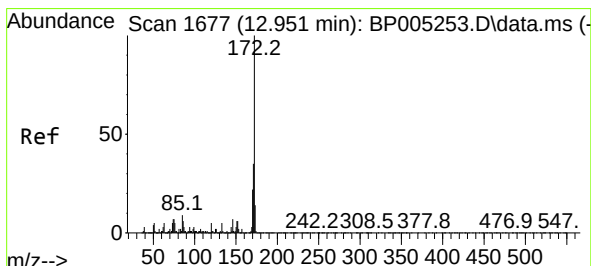
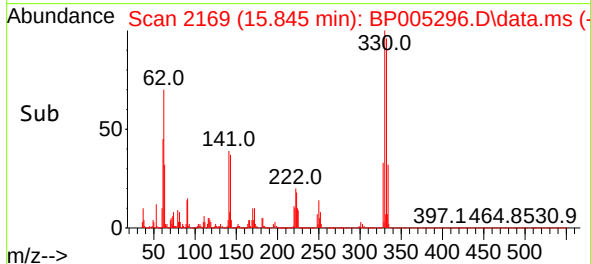
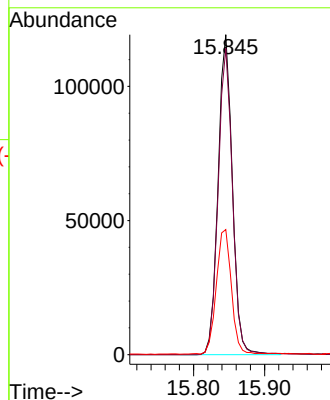
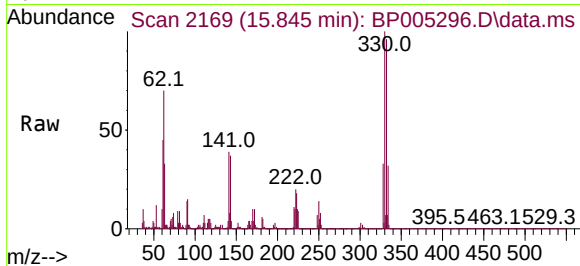




#42
2,4,6-Tribromophenol
Concen: 110.55 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

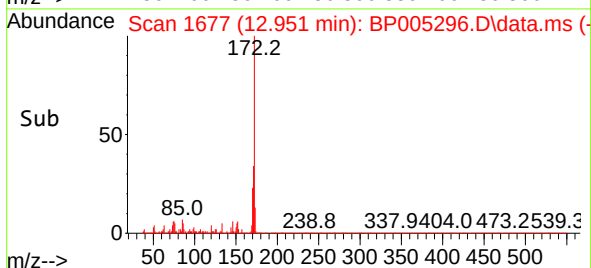
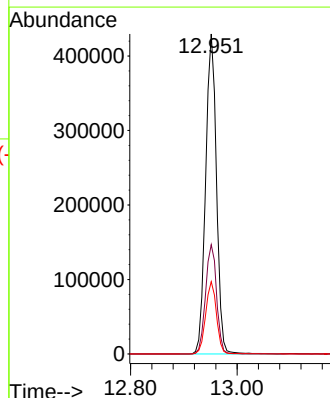
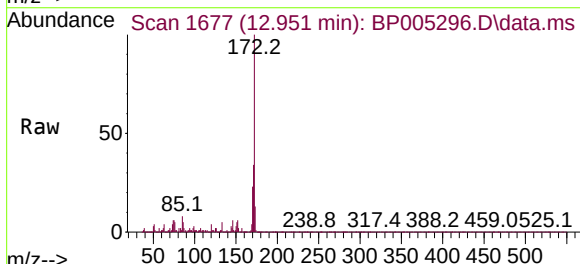
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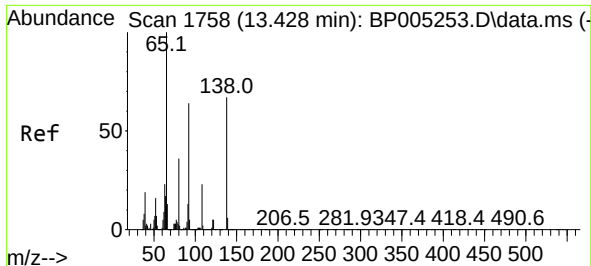
Tgt Ion:330 Resp: 166063
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 41.1 23.4 35.2#



#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

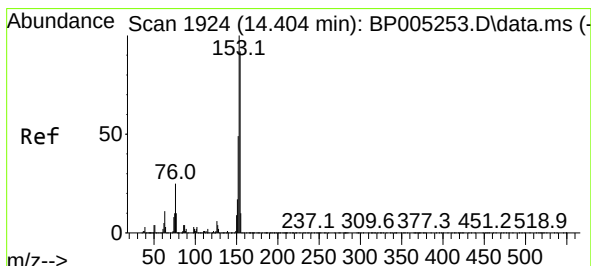
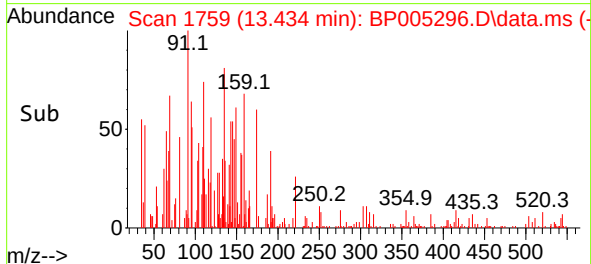
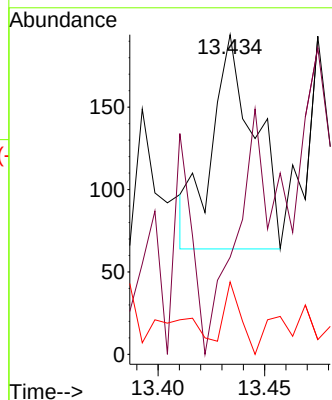
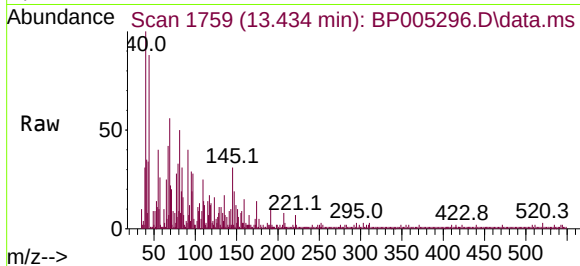




#48
2-Nitroaniline
Concen: 3.57 ng
RT: 13.434 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

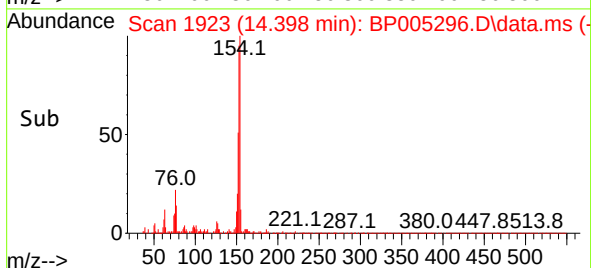
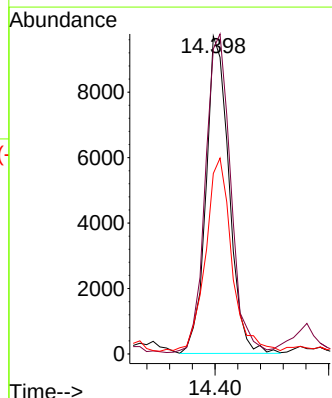
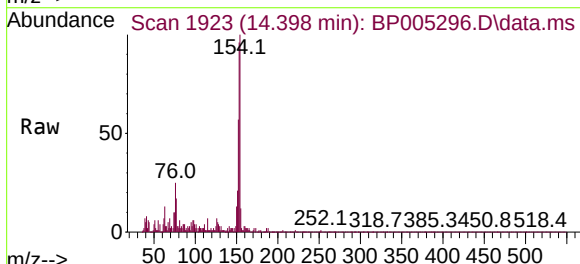
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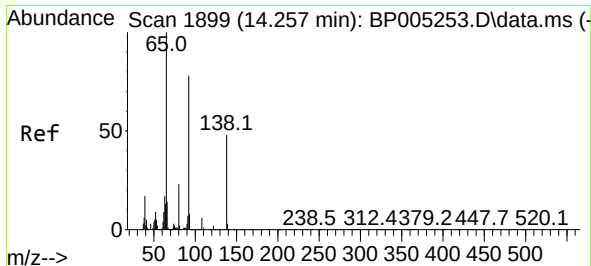
Tgt Ion: 65 Resp: 181
Ion Ratio Lower Upper
65 100
92 30.4 70.6 106.0#
138 22.7 133.6 200.4#



#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

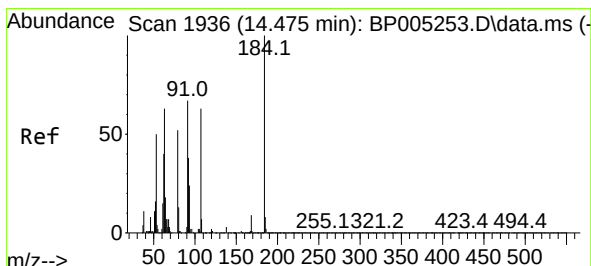
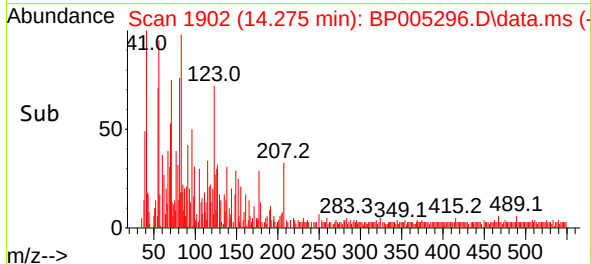
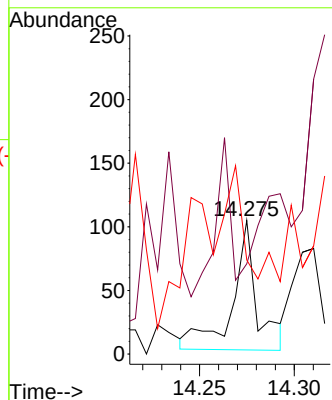
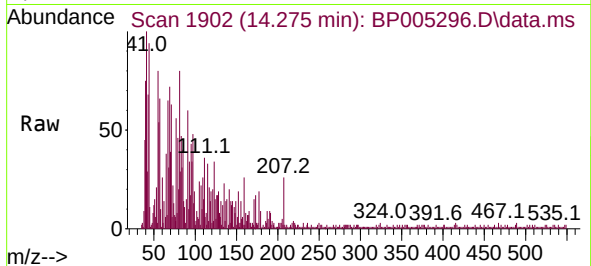




#53
3-Nitroaniline
Concen: 2.52 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.018 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

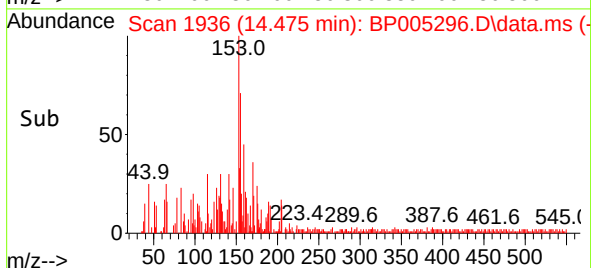
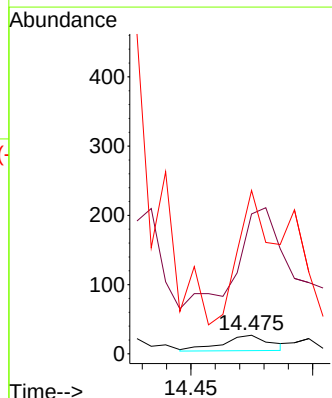
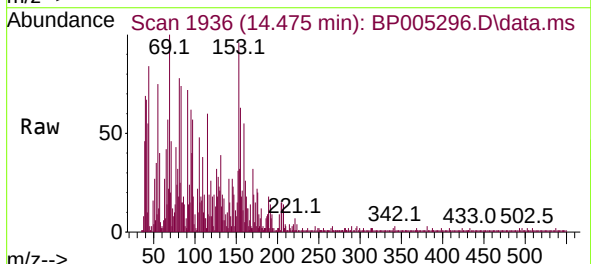
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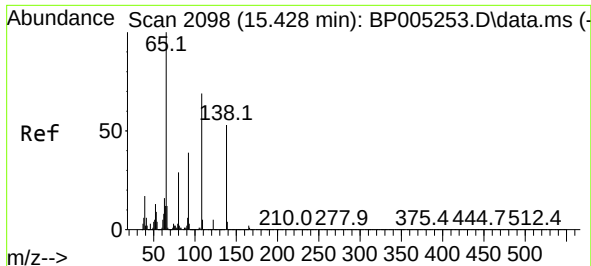
Tgt Ion:138 Resp: 91
Ion Ratio Lower Upper
138 100
108 67.6 7.5 11.3#
92 70.5 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 6.17 ng
RT: 14.475 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 748.1 32.3 48.5#
154 874.1 49.1 73.7#

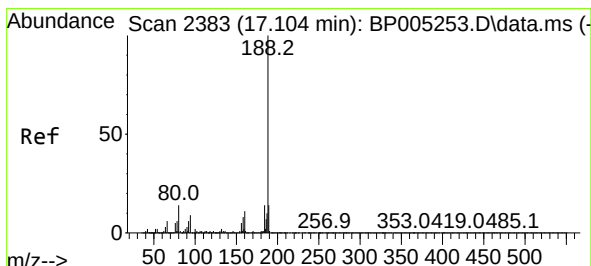
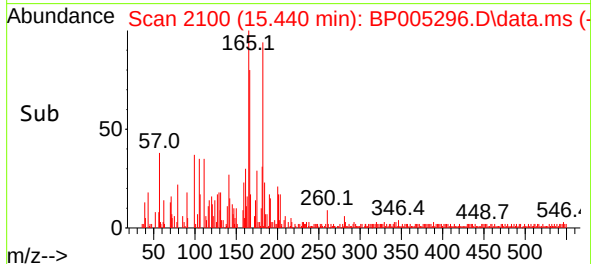
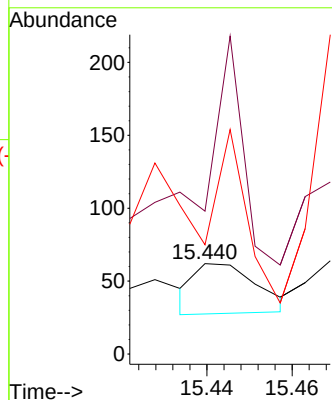
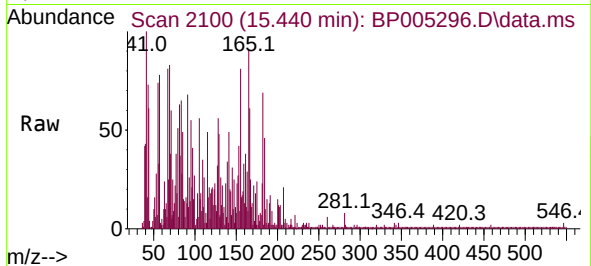




#62
4-Nitroaniline
Concen: 2.10 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.012 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

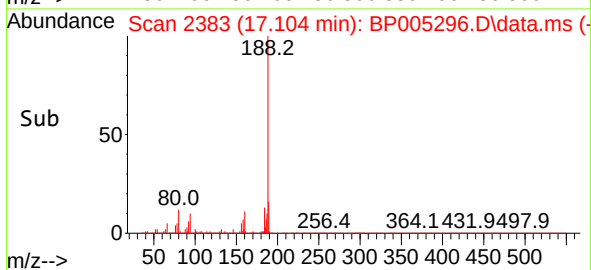
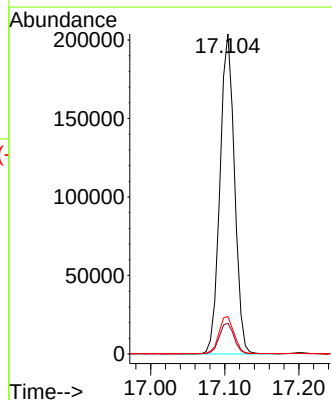
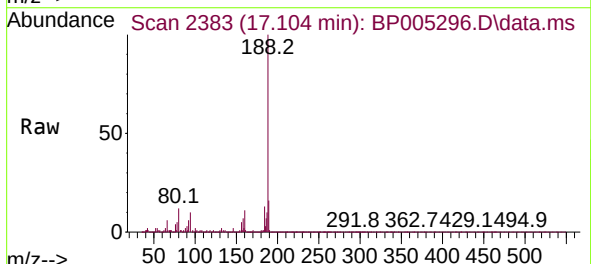
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

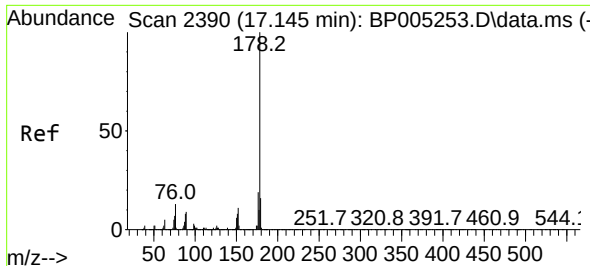
Tgt Ion:138 Resp: 35
Ion Ratio Lower Upper
138 100
92 158.1 20.7 60.7#
108 121.0 47.8 87.8#



#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#

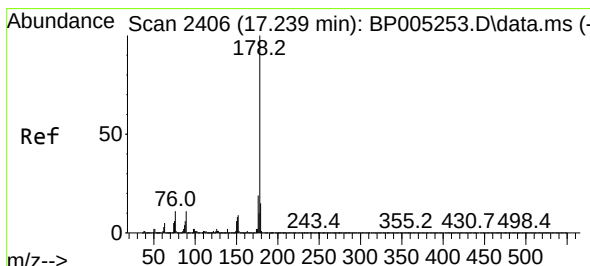
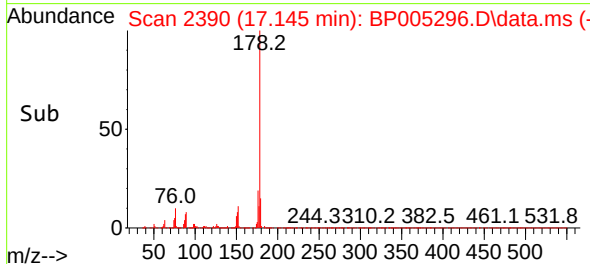
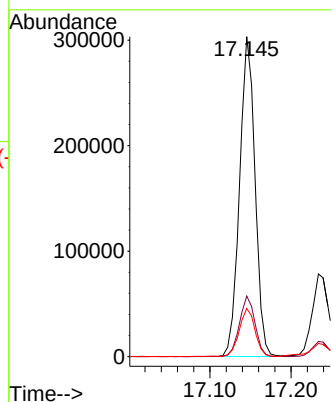
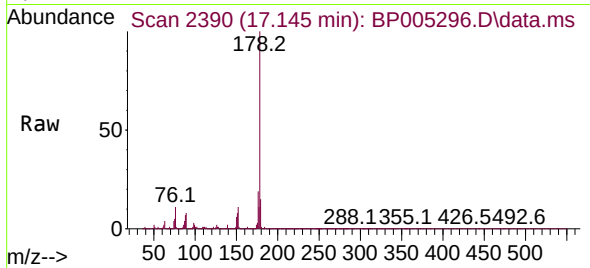




#71
Phenanthrene
Concen: 25.48 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

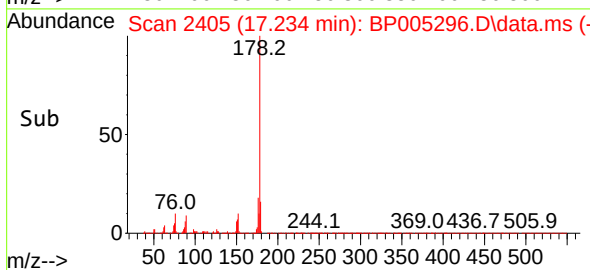
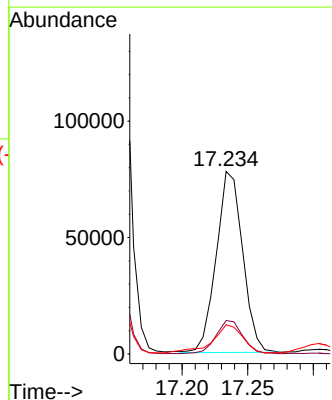
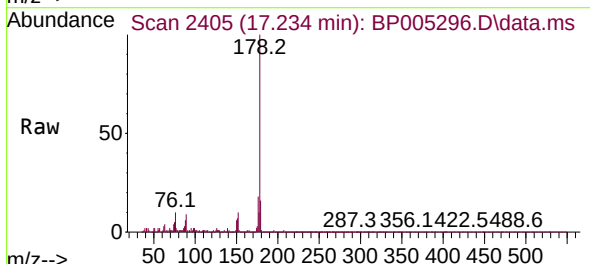
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

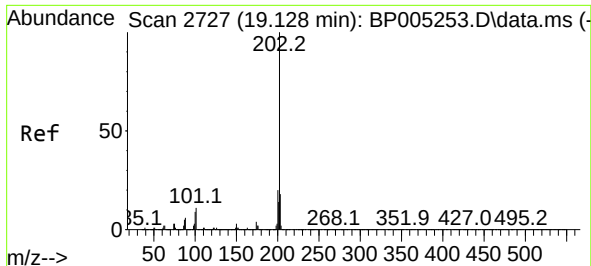
Tgt Ion:178 Resp: 400605
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.1 12.5 18.7



#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

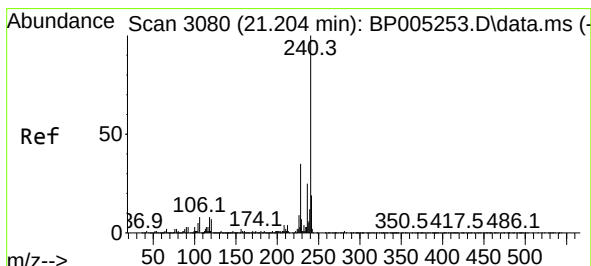
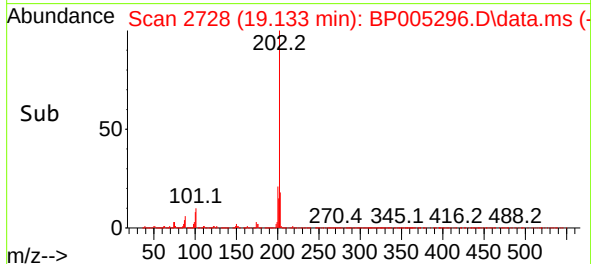
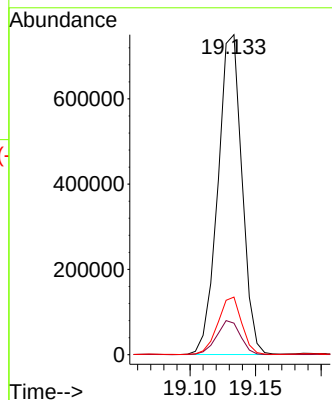
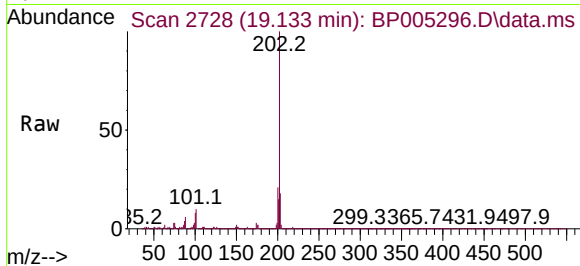




#75
Fluoranthene
Concen: 49.62 ng
RT: 19.133 min Scan# 2728
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

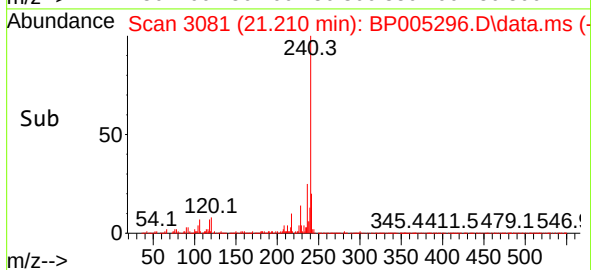
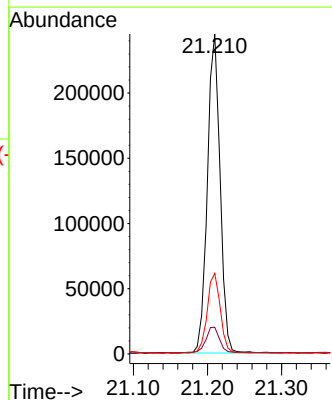
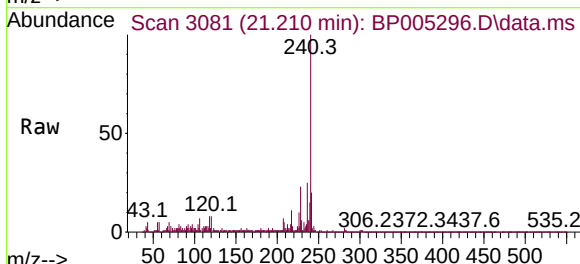
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

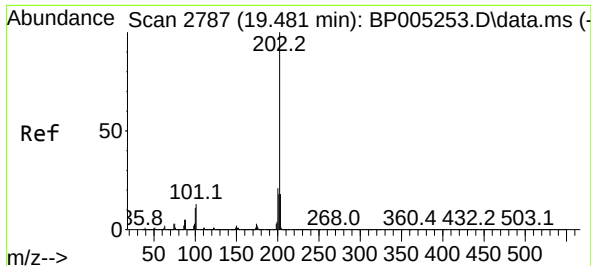
Tgt Ion:202 Resp: 956879
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 18.0 0.0 37.8



#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

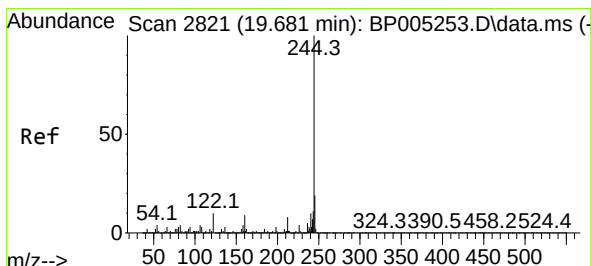
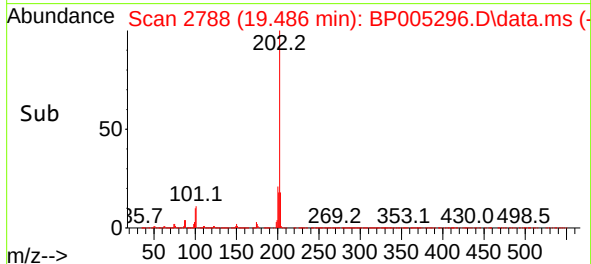
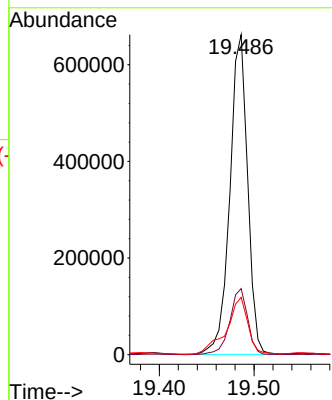
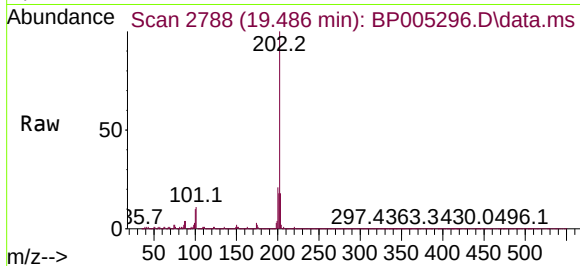




#78
Pyrene
Concen: 47.55 ng
RT: 19.486 min Scan# 2788
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

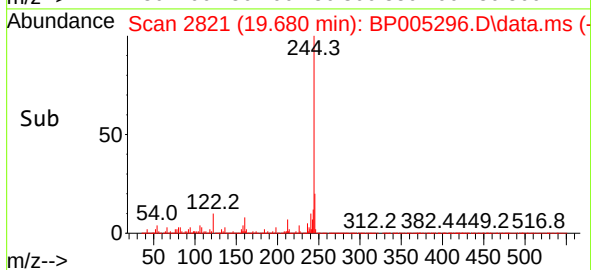
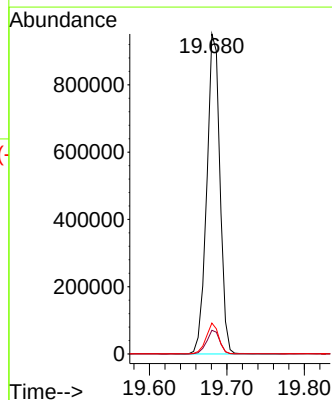
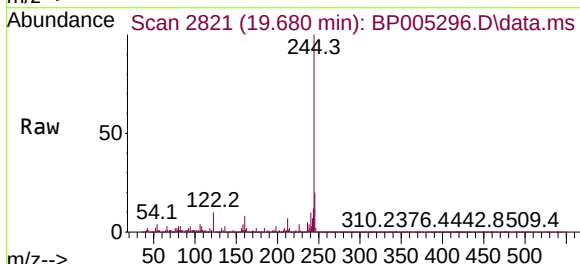
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

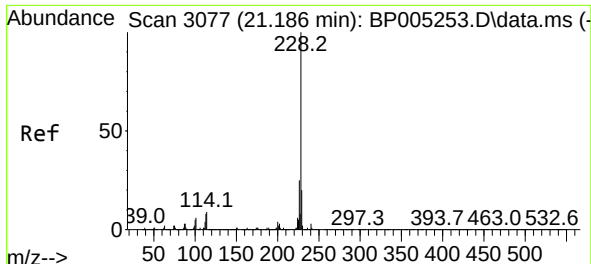
Tgt Ion:202 Resp: 861945
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.9 14.2 21.2



#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

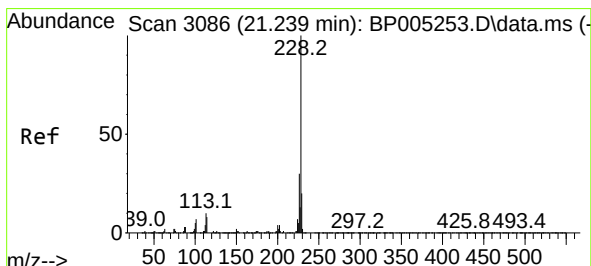
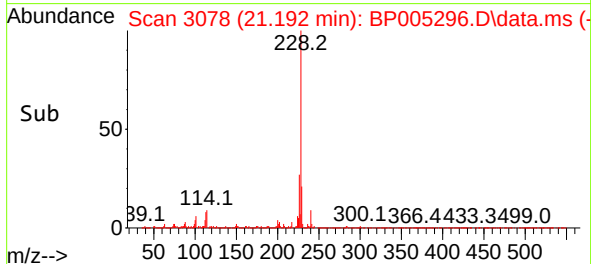
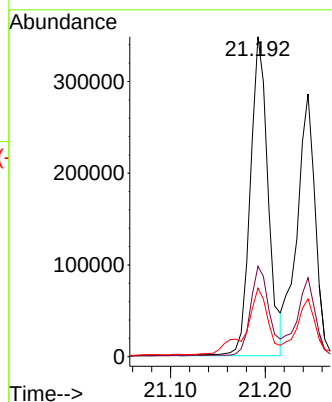
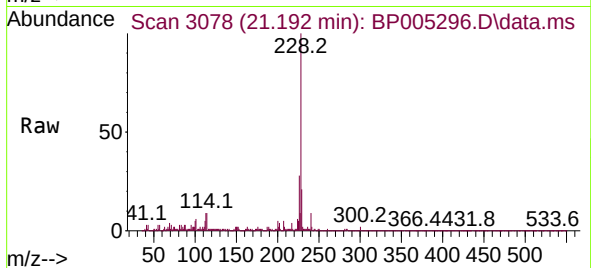




#81
Benzo(a)anthracene
Concen: 23.67 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.006 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

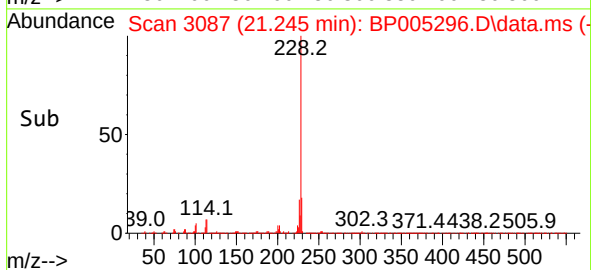
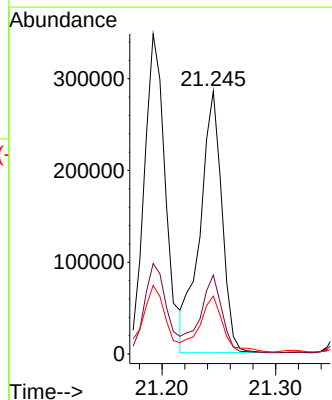
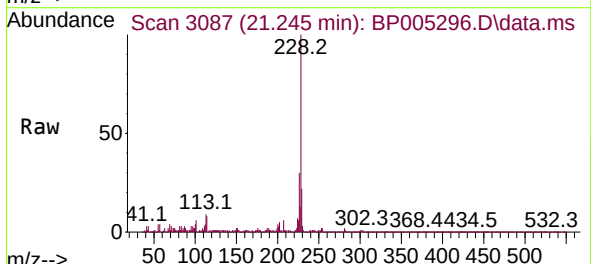
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

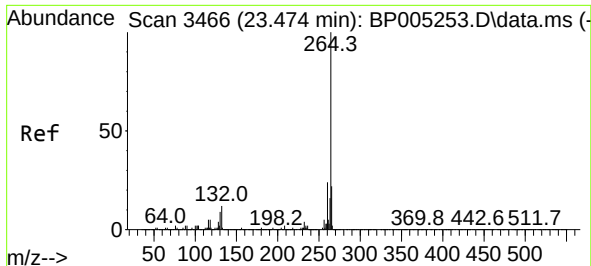
Tgt Ion:228 Resp: 455385
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 21.4 15.9 23.9



#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



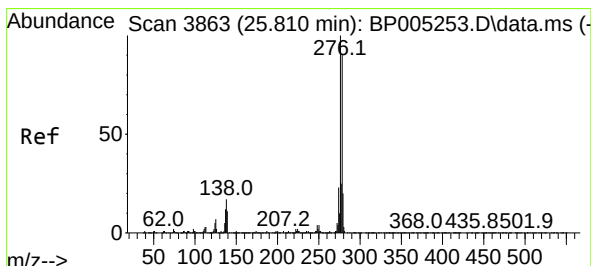
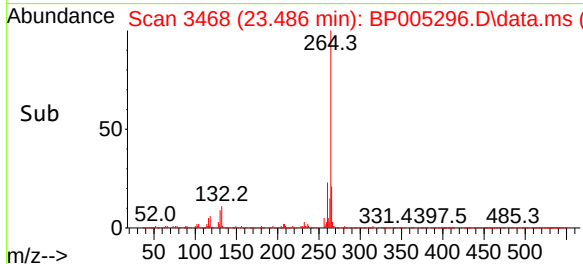
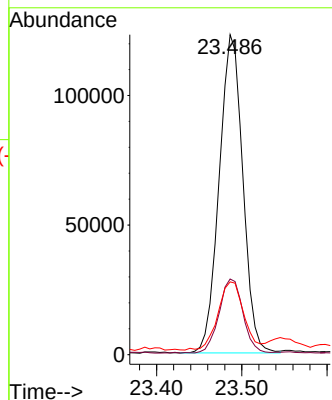
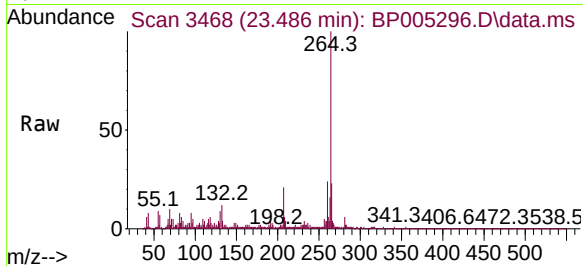


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. 0.012 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

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

Tgt Ion:264 Resp: 236784

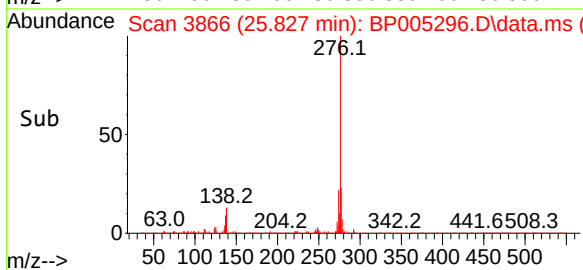
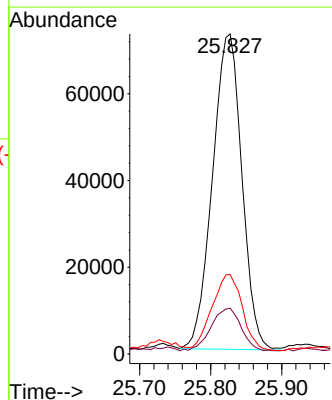
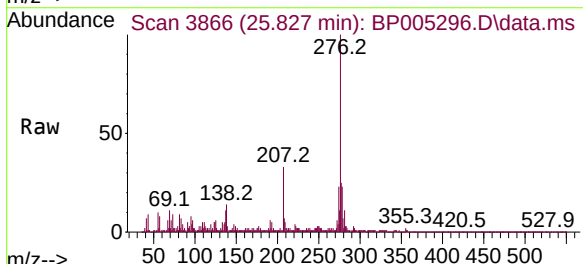
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.7	17.4	26.2

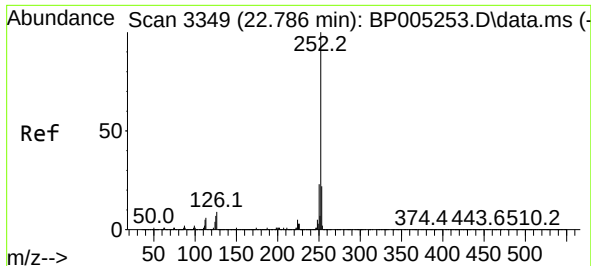


#87
Indeno(1,2,3-cd)pyrene
Concen: 11.54 ng
RT: 25.827 min Scan# 3866
Delta R.T. 0.018 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

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

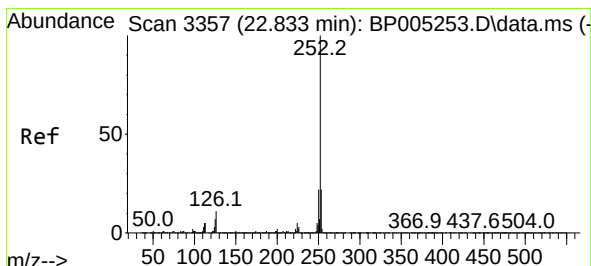
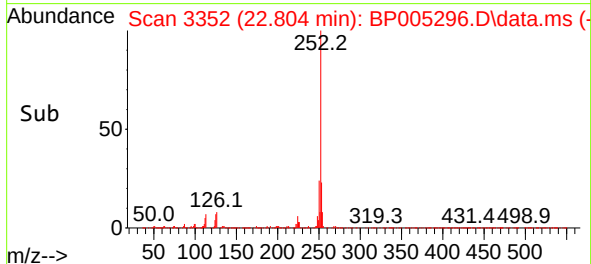
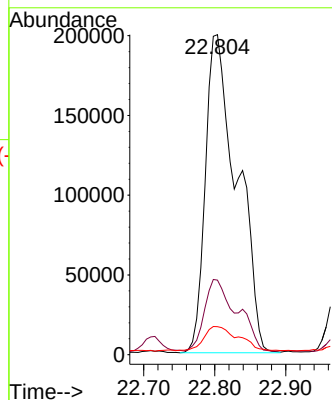
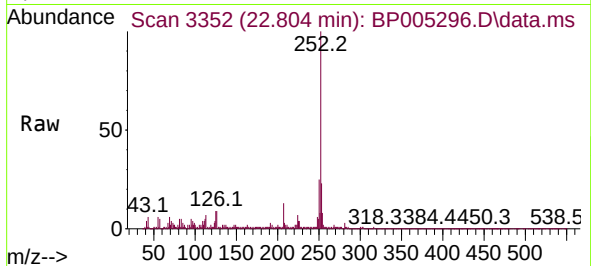




#88
Benzo(b)fluoranthene
Concen: 40.00 ng
RT: 22.804 min Scan# 3352
Delta R.T. 0.018 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

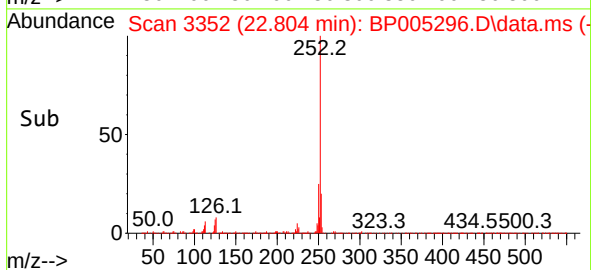
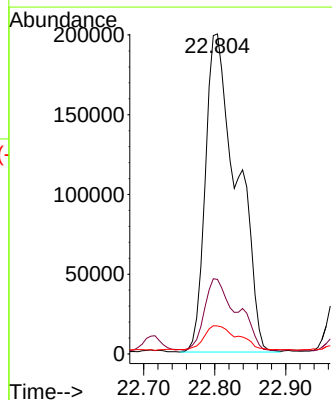
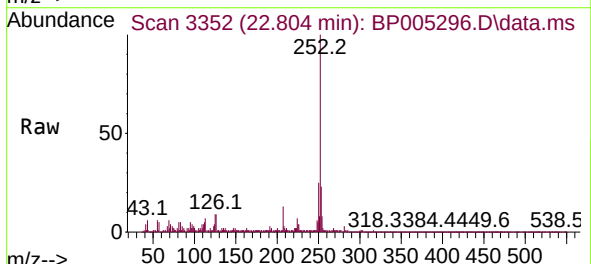
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

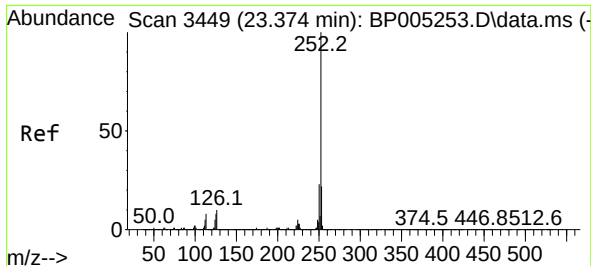
Tgt Ion:252 Resp: 619969
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 8.7 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 41.73 ng
RT: 22.804 min Scan# 3352
Delta R.T. -0.029 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

Tgt Ion:252 Resp: 619969
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 8.7 7.4 11.2

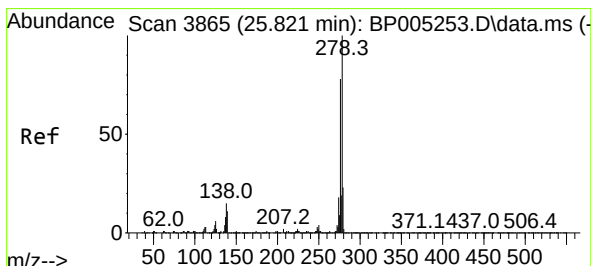
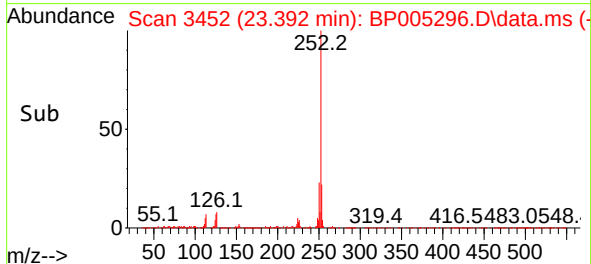
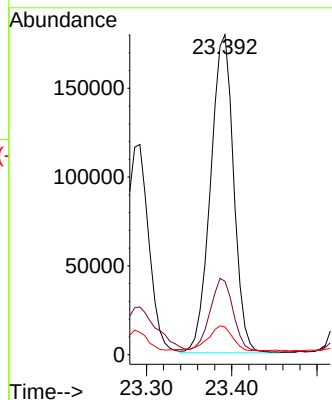
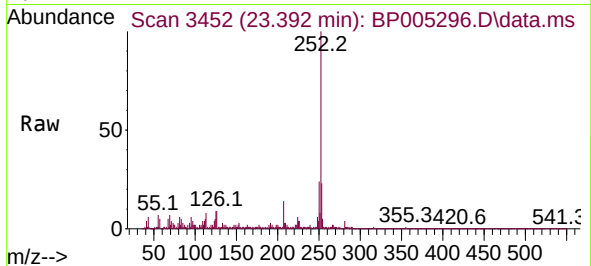




#90
Benzo(a)pyrene
Concen: 23.49 ng
RT: 23.392 min Scan# 3452
Delta R.T. 0.018 min
Lab File: BP005296.D
Acq: 13 Apr 2021 20:15

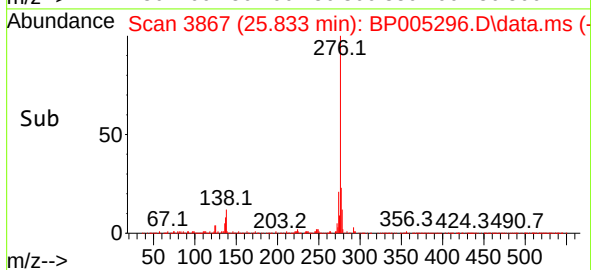
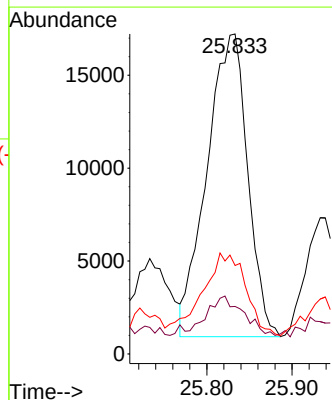
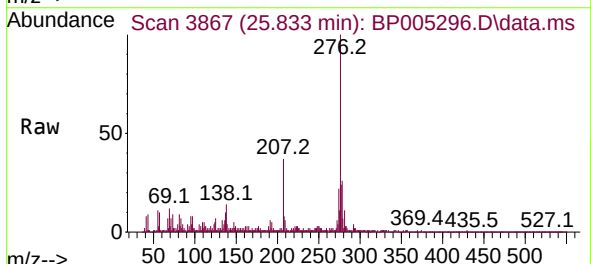
Instrument :
BNA_P
ClientSampleId :
149TH-ST-E1-101

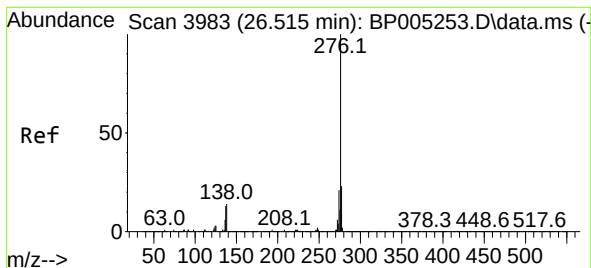
Tgt Ion:252 Resp: 336905
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 8.7 8.2 12.4



#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

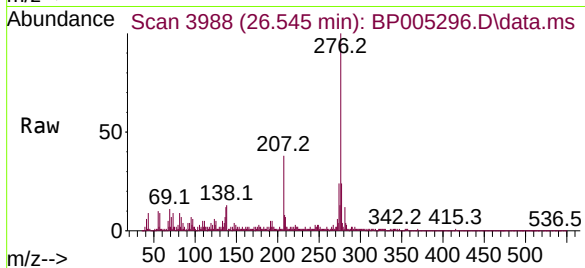
Acq: 13 Apr 2021 20:15

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#

