

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
 Data File : BP005185.D
 Acq On : 05 Apr 2021 18:47
 Operator : CG/JU
 Sample : M1888-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3D-(4-10)

Quant Time: Apr 06 00:32:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:23:57 2021
 Response via : Initial Calibration

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

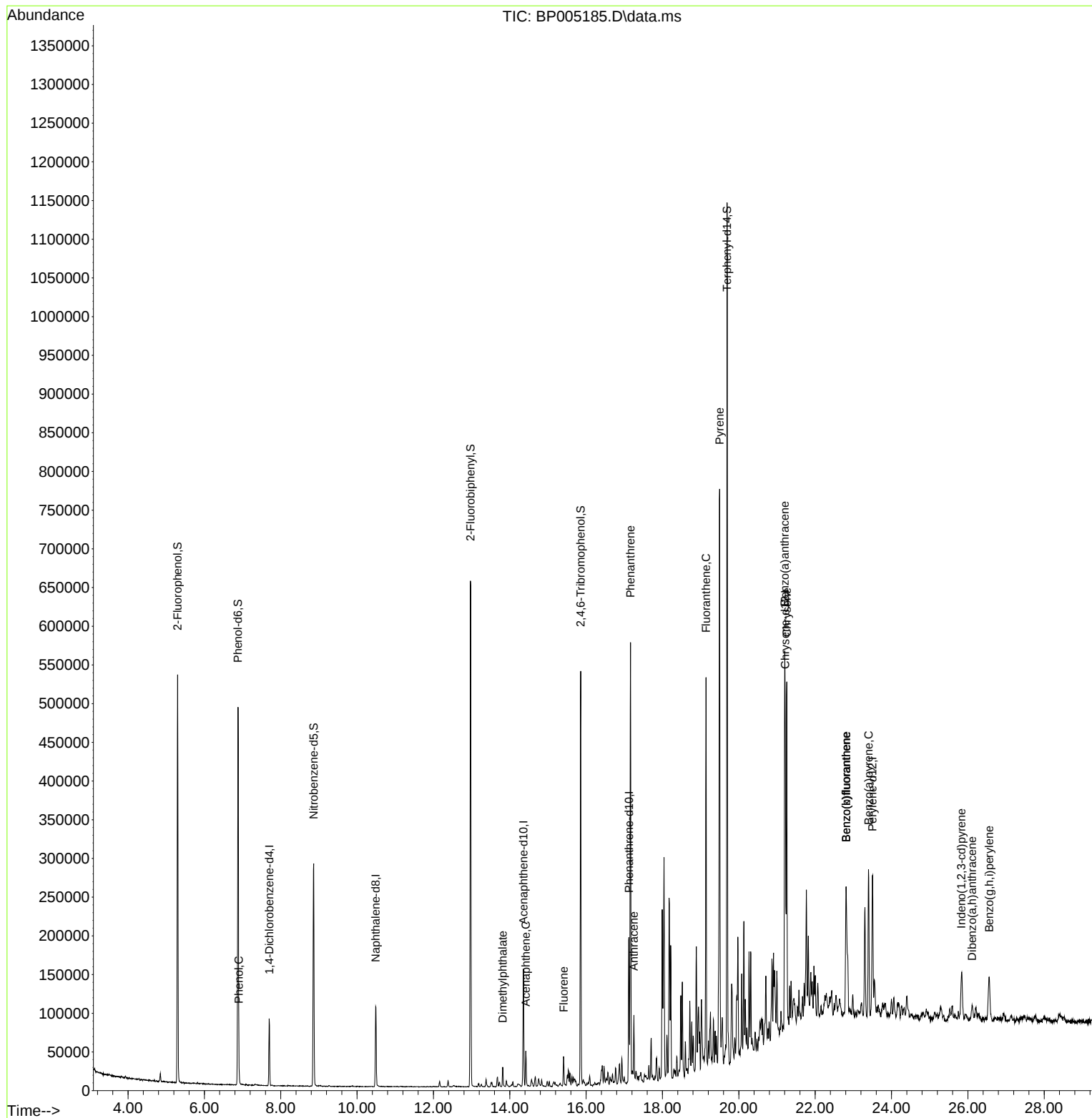
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	22179	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	83199	20.00	ng	#-0.01
39) Acenaphthene-d10	14.357	164	50565	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	108543	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	126344	20.00	ng	-0.01
86) Perylene-d12	23.498	264	128070	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	211874	147.01	ng	0.00
7) Phenol-d6	6.881	99	276333	133.86	ng	0.00
23) Nitrobenzene-d5	8.863	82	178251	91.93	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	89797	136.30	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	328985	88.01	ng	0.00
79) Terphenyl-d14	19.692	244	475782	68.55	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.905	94	6768	3.20	ng	# 68
50) Dimethylphthalate	13.816	163	16389	4.21	ng	# 98
52) Acenaphthene	14.422	154	16434	5.47	ng	95
58) Fluorene	15.410	166	15503	3.90	ng	# 92
71) Phenanthrene	17.163	178	312392	49.64	ng	98
72) Anthracene	17.251	178	46983	7.64	ng	98
75) Fluoranthene	19.139	202	256120	34.60	ng	97
78) Pyrene	19.498	202	452499	52.12	ng	98
81) Benzo(a)anthracene	21.204	228	220617	25.70	ng	98
83) Chrysene	21.257	228	226833	26.92	ng	98
87) Indeno(1,2,3-cd)pyrene	25.833	276	59409	6.19	ng	96
88) Benzo(b)fluoranthene	22.810	252	184788	20.32	ng	96
89) Benzo(k)fluoranthene	22.810	252	184788	21.20	ng	97
90) Benzo(a)pyrene	23.398	252	134466	16.49	ng	99
91) Dibenzo(a,h)anthracene	26.109	278	18786	2.26	ng	97
92) Benzo(g,h,i)perylene	26.556	276	70701	8.82	ng	98

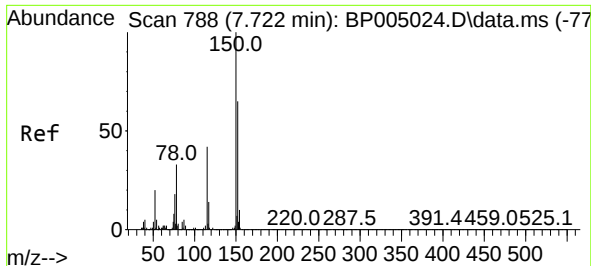
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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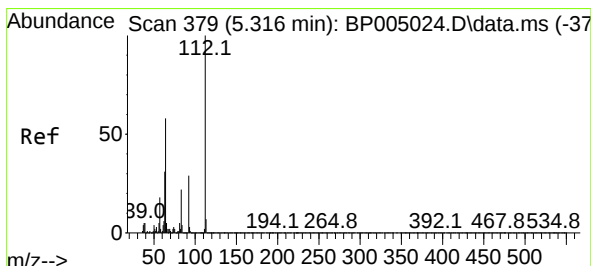
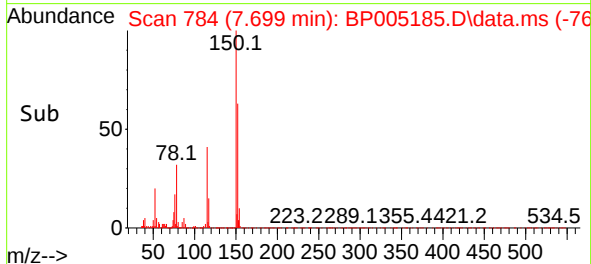
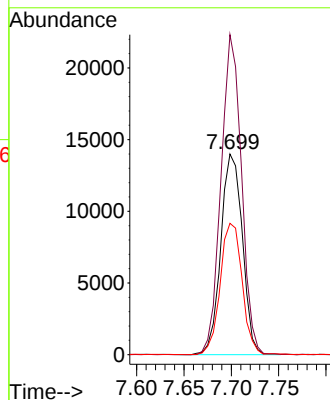
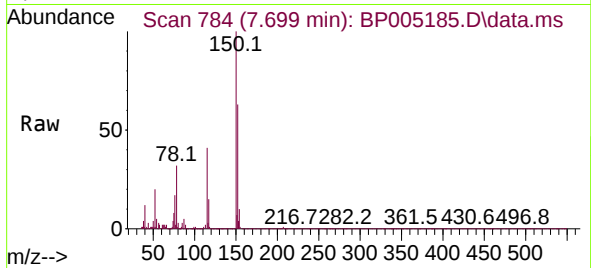




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.699 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

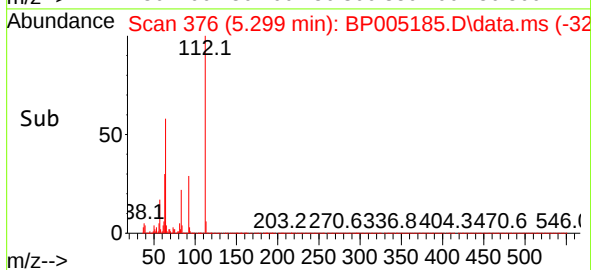
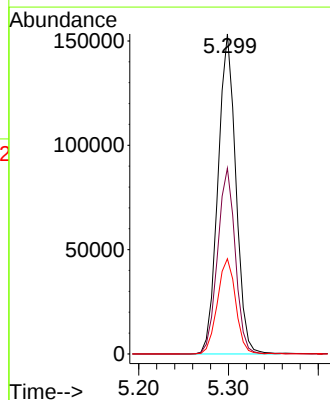
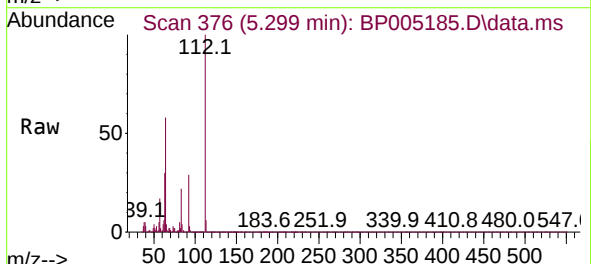
Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

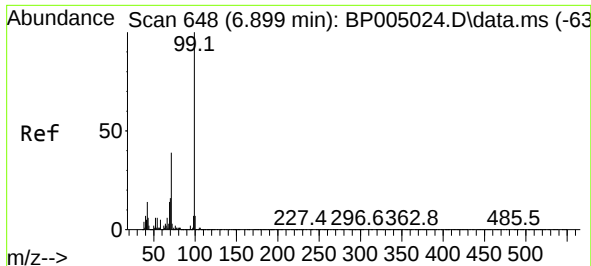
Tgt Ion:152 Resp: 22179
Ion Ratio Lower Upper
152 100
150 159.5 123.8 185.6
115 65.5 43.8 65.6



#5
2-Fluorophenol
Concen: 147.01 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:112 Resp: 211874
Ion Ratio Lower Upper
112 100
64 58.0 32.8 49.2#
63 29.8 17.0 25.4#

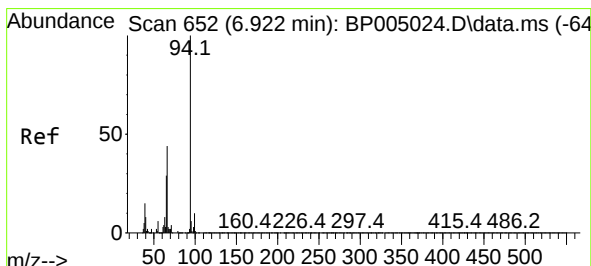
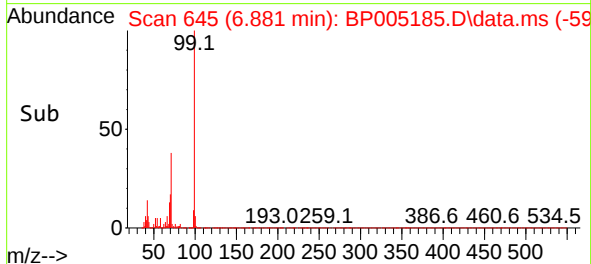
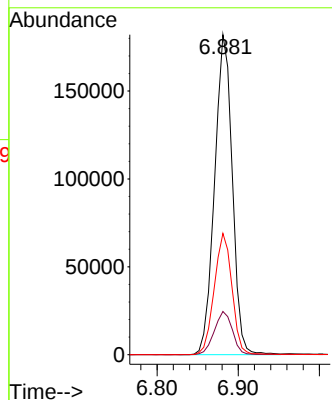
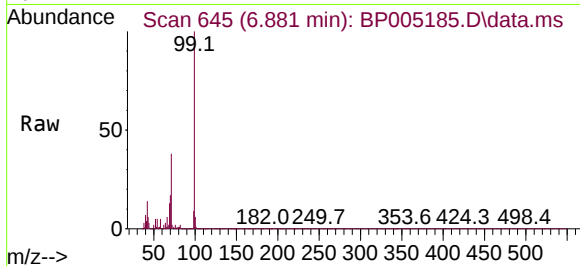




#7
Phenol-d6
Concen: 133.86 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

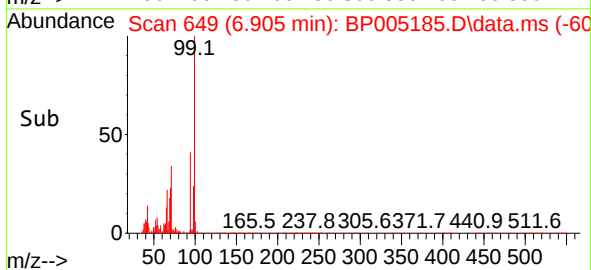
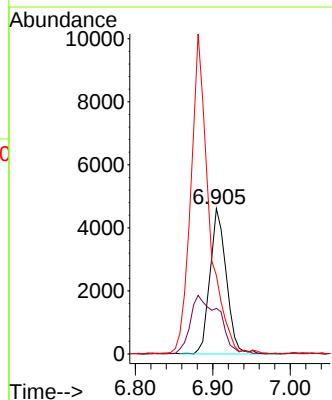
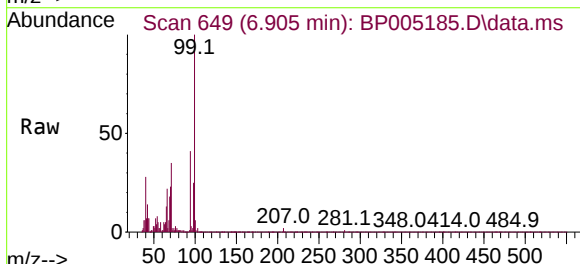
Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

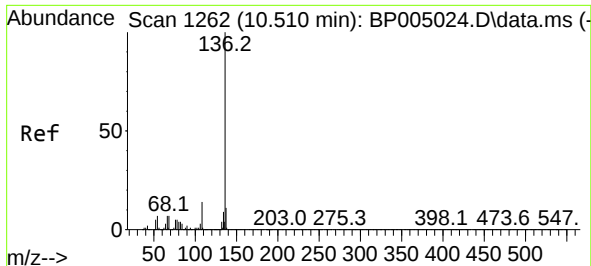
Tgt Ion: 99 Resp: 276333
Ion Ratio Lower Upper
99 100
42 13.5 8.6 13.0#
71 37.9 23.4 35.2#



#10
Phenol
Concen: 3.20 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.012 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion: 94 Resp: 6768
Ion Ratio Lower Upper
94 100
65 31.4 2.3 42.3
66 54.0 10.9 50.9#

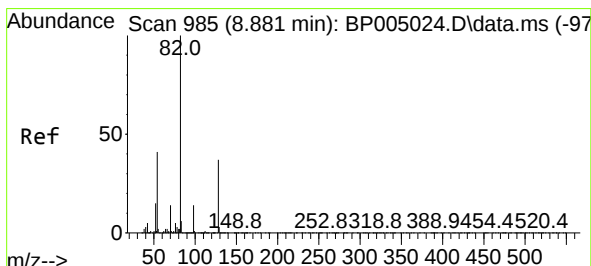
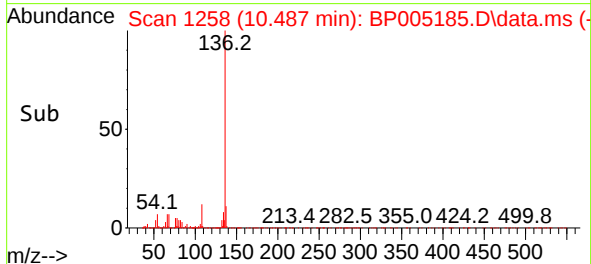
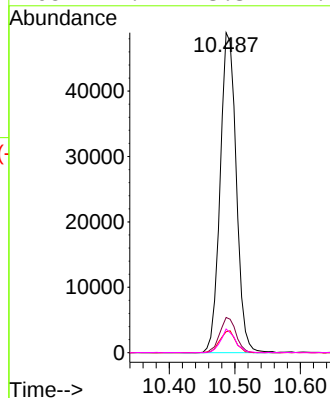
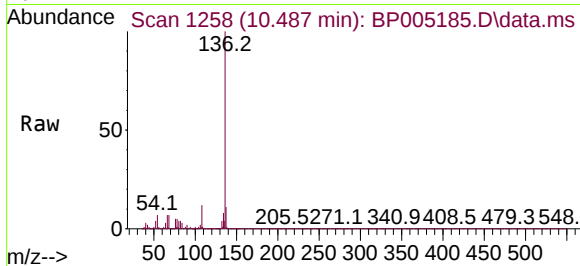




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

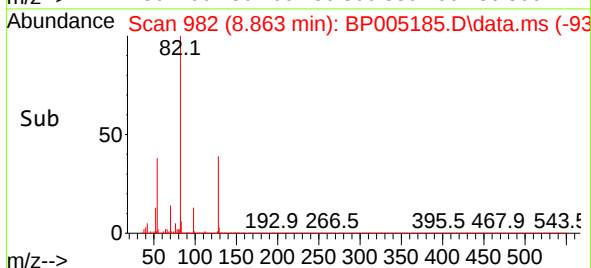
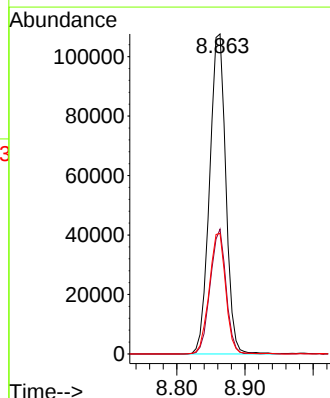
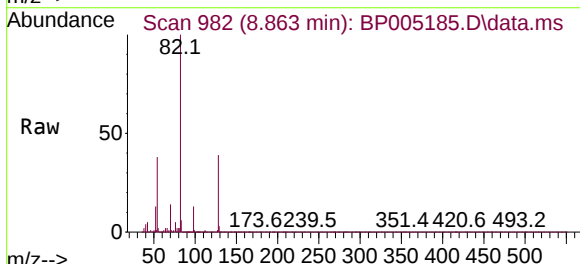
Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

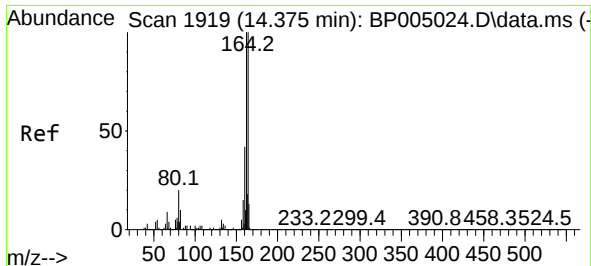
Tgt Ion:	136	Resp:	83199
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	6.5	3.6	5.4#
68	7.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 91.93 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:	82	Resp:	178251
Ion Ratio	Lower	Upper	
82	100		
128	39.0	45.6	68.4#
54	37.7	30.1	45.1

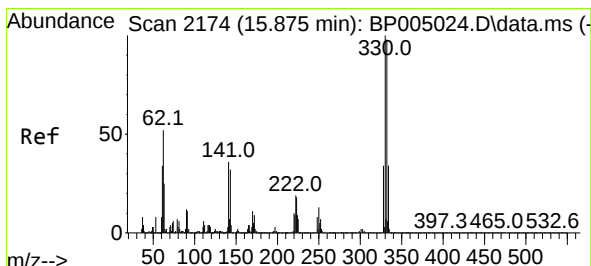
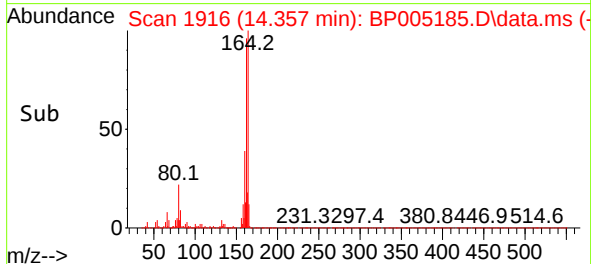
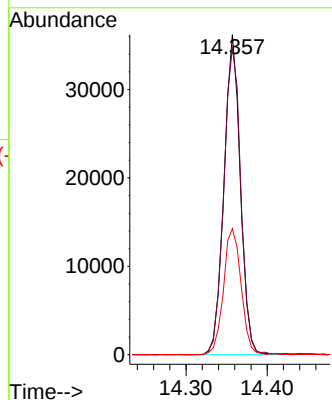
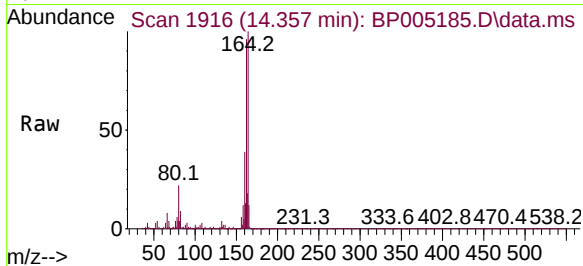




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

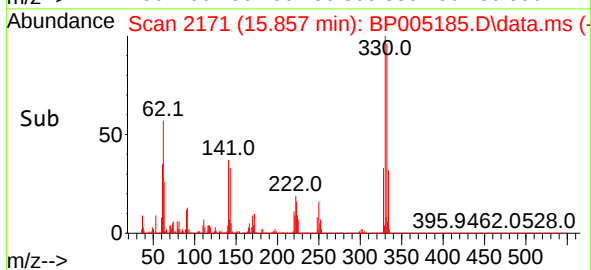
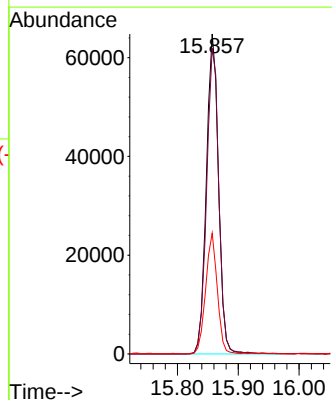
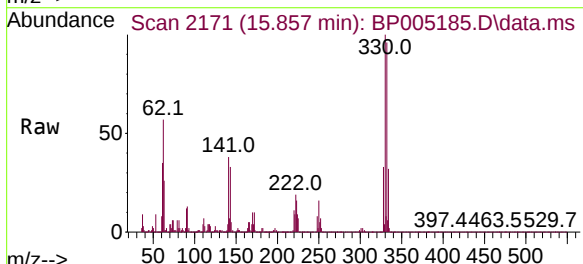
Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

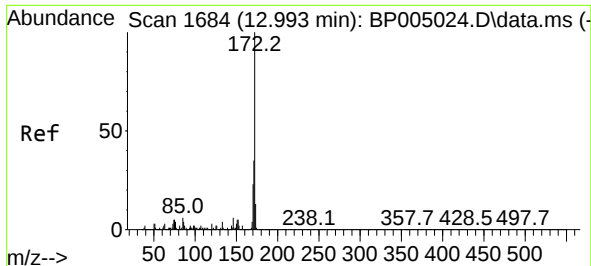
Tgt Ion:164 Resp: 50565
Ion Ratio Lower Upper
164 100
162 96.0 79.4 119.2
160 39.4 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 136.30 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:330 Resp: 89797
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 36.1 23.4 35.2#

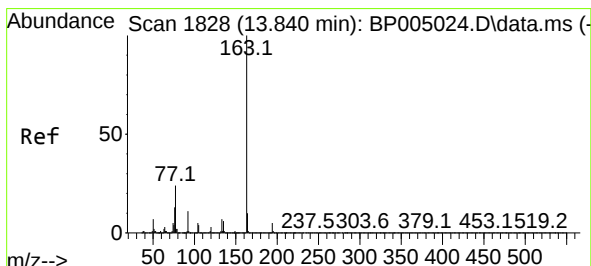
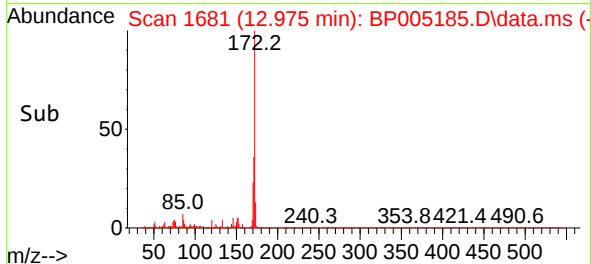
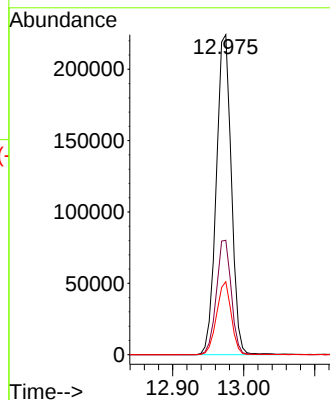
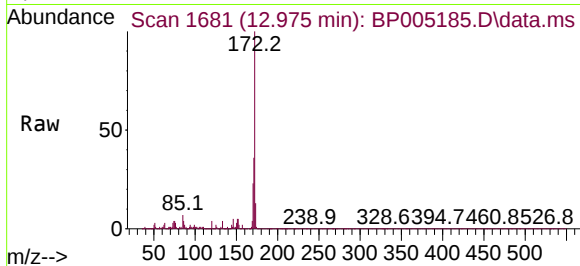




#45
2-Fluorobiphenyl
Concen: 88.01 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

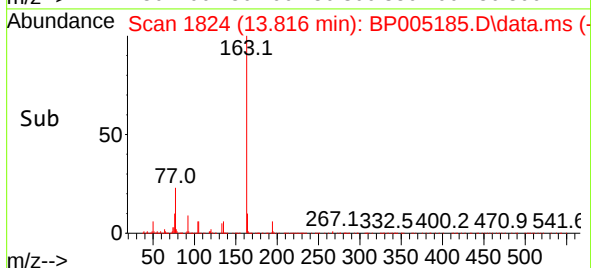
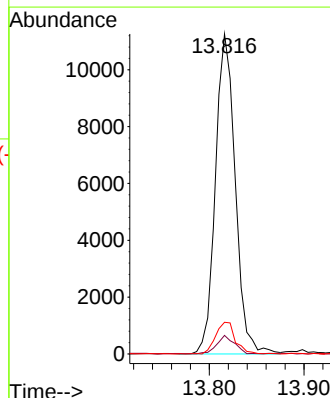
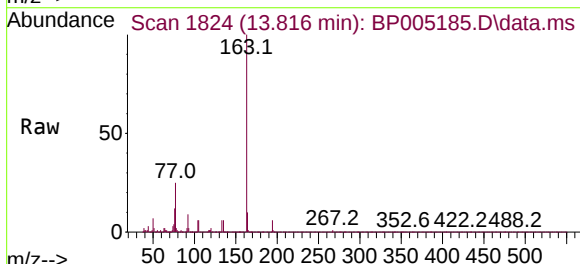
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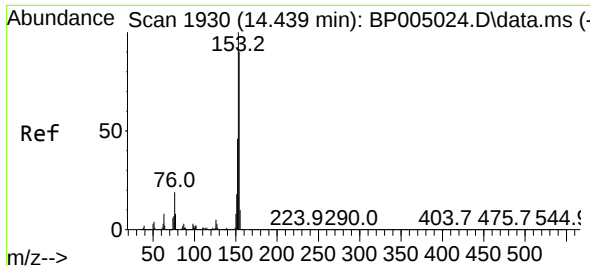
Tgt Ion:172 Resp: 328985
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 22.8 19.2 28.8



#50
Dimethylphthalate
Concen: 4.21 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:163 Resp: 16389
Ion Ratio Lower Upper
163 100
194 5.8 3.3 4.9#
164 9.9 8.2 12.2

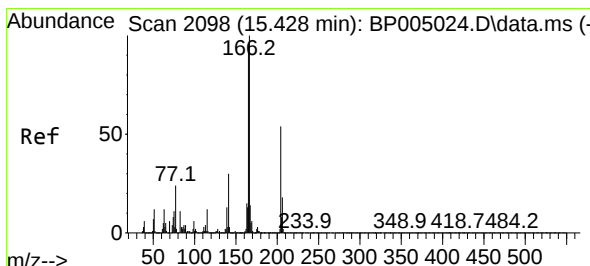
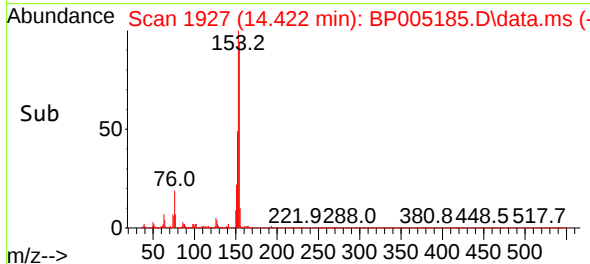
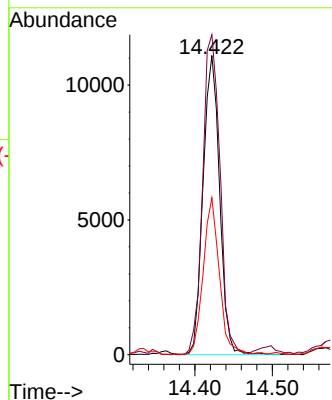
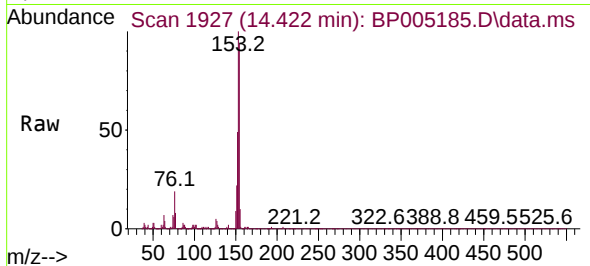




#52
Acenaphthene
Concen: 5.47 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

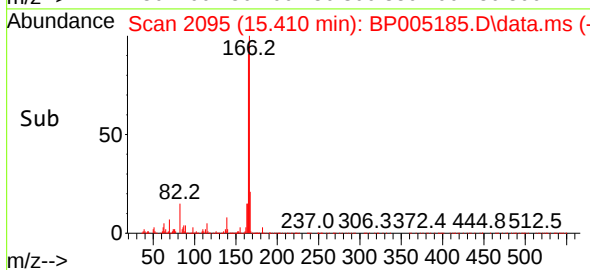
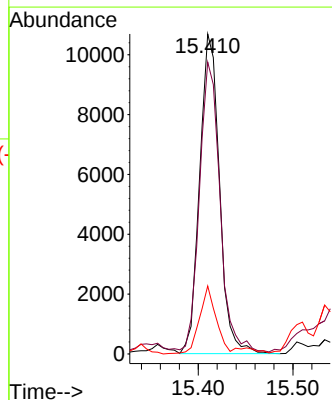
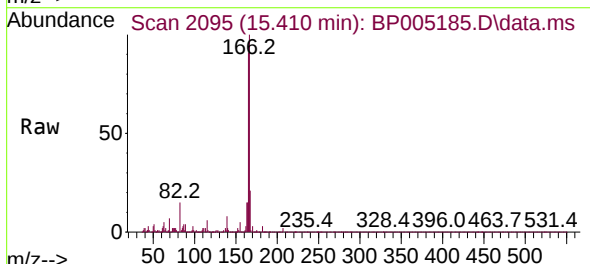
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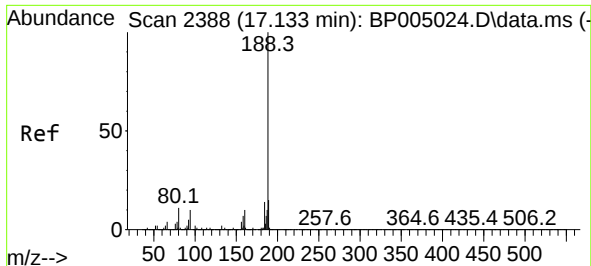
Tgt Ion:	154	Resp:	16434
Ion Ratio	Lower	Upper	
154	100		
153	106.9	91.0	136.6
152	52.5	43.0	64.6



#58
Fluorene
Concen: 3.90 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.012 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:	166	Resp:	15503
Ion Ratio	Lower	Upper	
166	100		
165	91.2	77.8	116.8
167	21.3	11.0	16.4

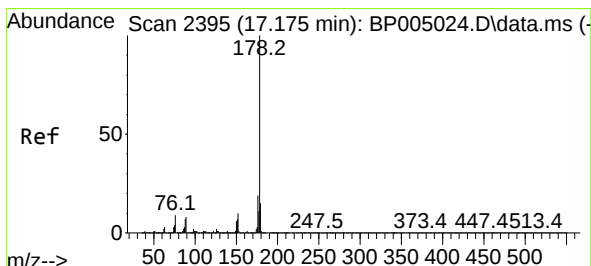
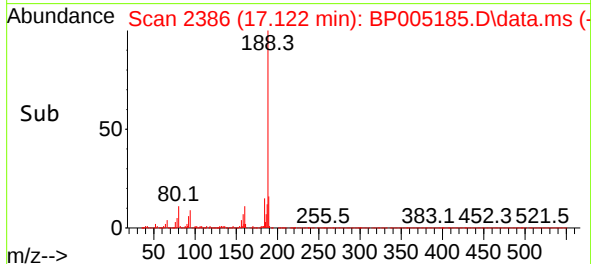
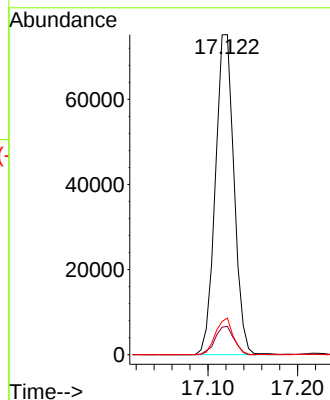
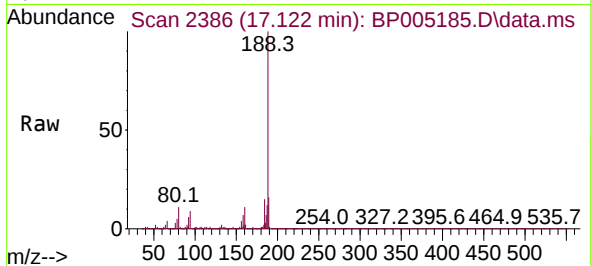




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

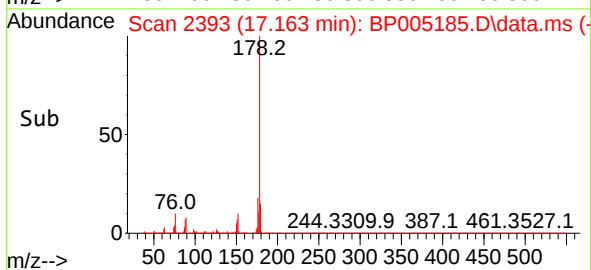
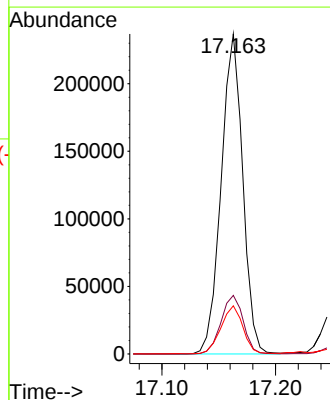
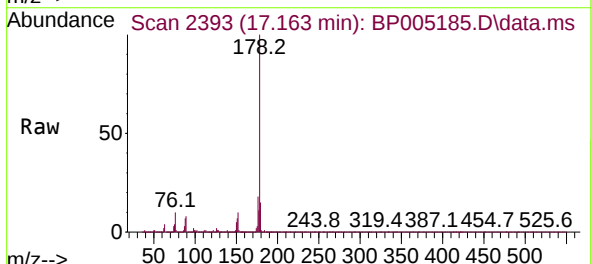
Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

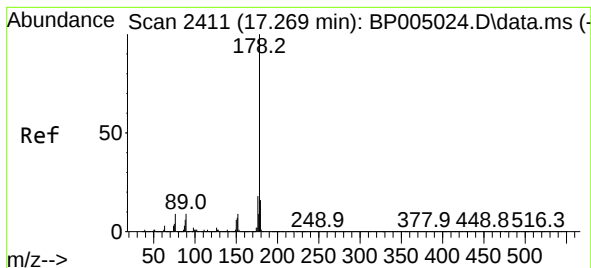
Tgt Ion:188 Resp: 108543
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 11.4 6.2 9.2#



#71
Phenanthrene
Concen: 49.64 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:178 Resp: 312392
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.1 12.5 18.7





#72

Anthracene

Concen: 7.64 ng

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BP005185.D

Acq: 05 Apr 2021 18:47

Tgt Ion:178 Resp: 46983

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

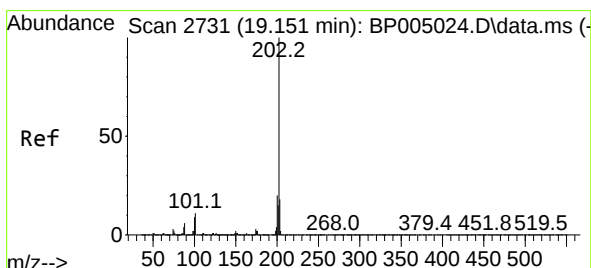
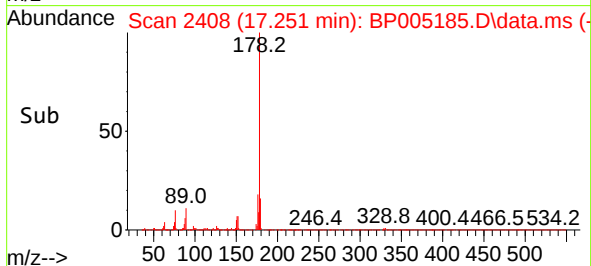
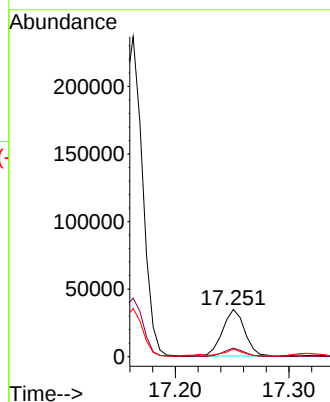
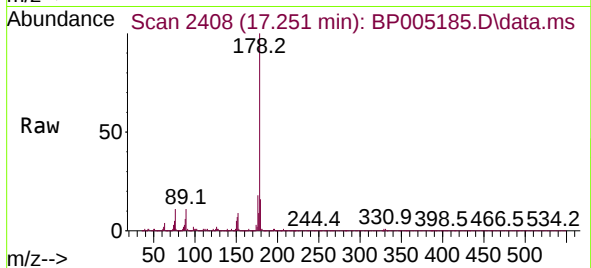
179 16.4 12.5 18.7

Instrument :

BNA_P

ClientSampleId :

TP-3D-(4-10)



#75

Fluoranthene

Concen: 34.60 ng

RT: 19.139 min Scan# 2729

Delta R.T. -0.006 min

Lab File: BP005185.D

Acq: 05 Apr 2021 18:47

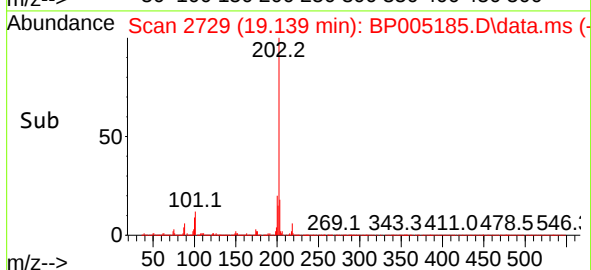
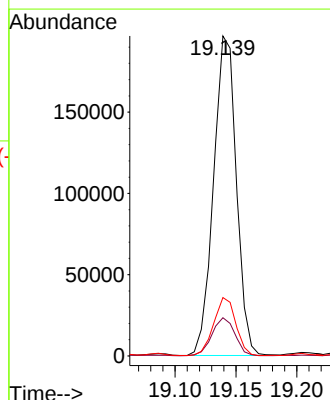
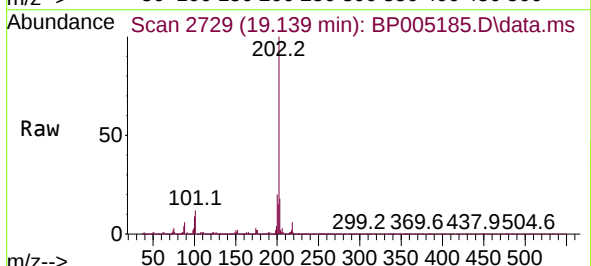
Tgt Ion:202 Resp: 256120

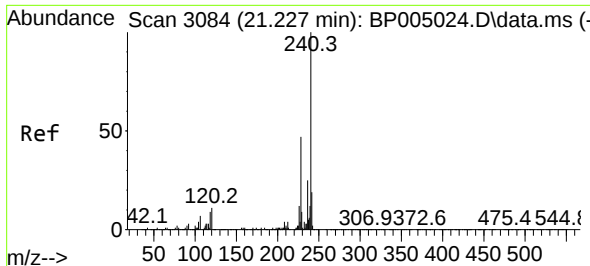
Ion Ratio Lower Upper

202 100

101 12.0 0.0 29.4

203 18.3 0.0 37.8

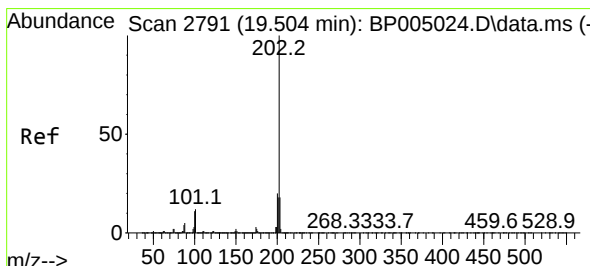
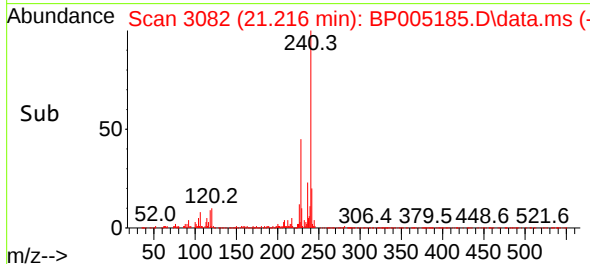
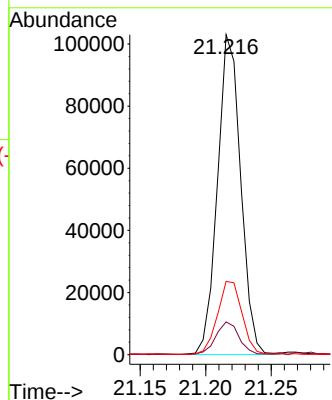
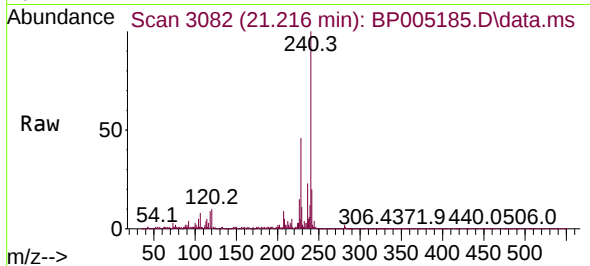




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

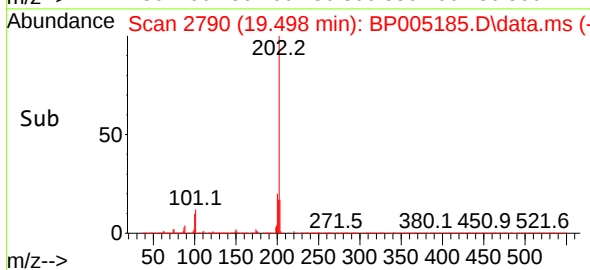
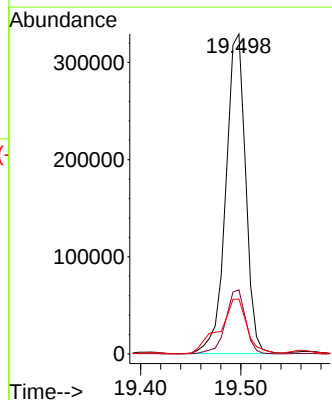
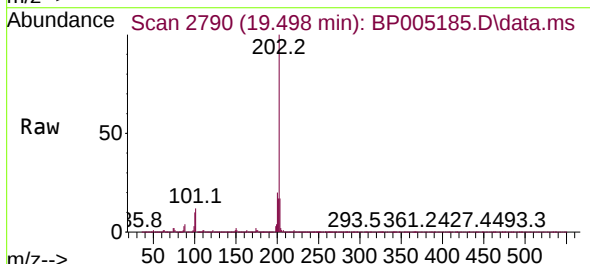
Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

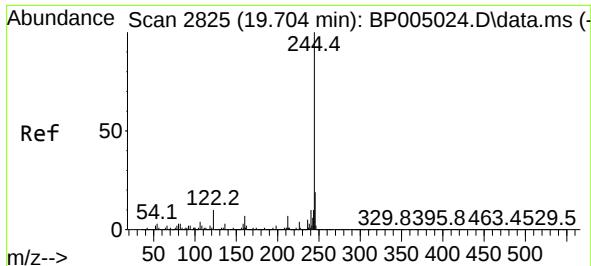
Tgt Ion:240 Resp: 126344
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 22.9 20.8 31.2



#78
Pyrene
Concen: 52.12 ng
RT: 19.498 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:202 Resp: 452499
Ion Ratio Lower Upper
202 100
200 20.0 17.1 25.7
203 17.1 14.2 21.2

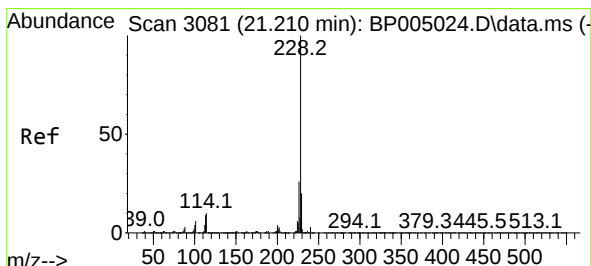
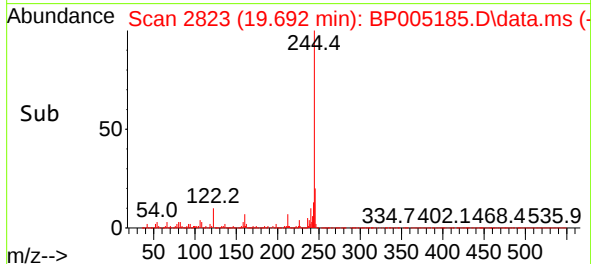
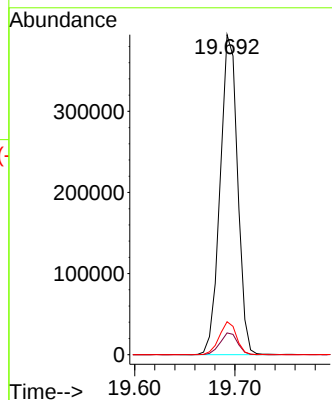
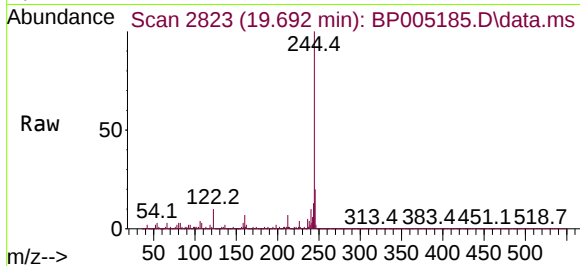




#79
Terphenyl-d14
Concen: 68.55 ng
RT: 19.692 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

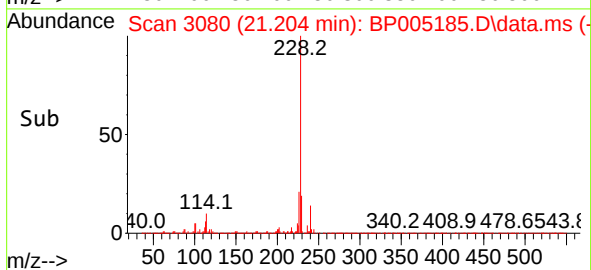
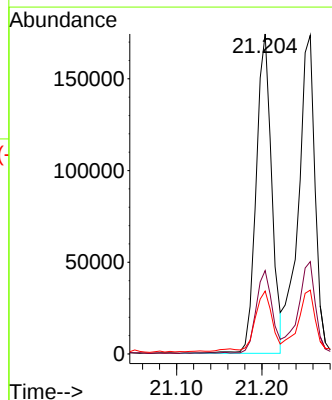
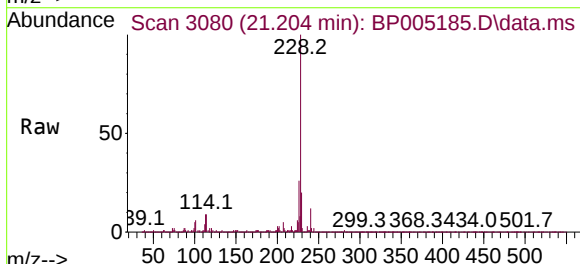
Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

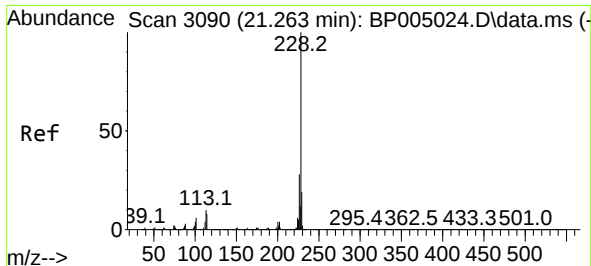
Tgt Ion:244 Resp: 475782
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 10.3 7.8 11.8



#81
Benzo(a)anthracene
Concen: 25.70 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:228 Resp: 220617
Ion Ratio Lower Upper
228 100
226 26.0 22.1 33.1
229 19.6 15.9 23.9

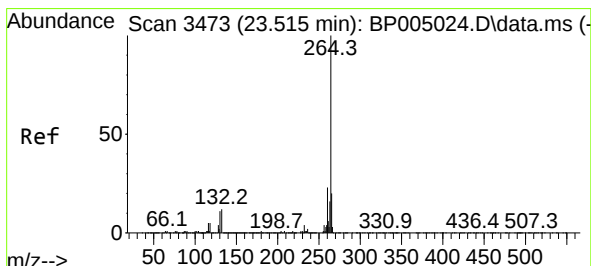
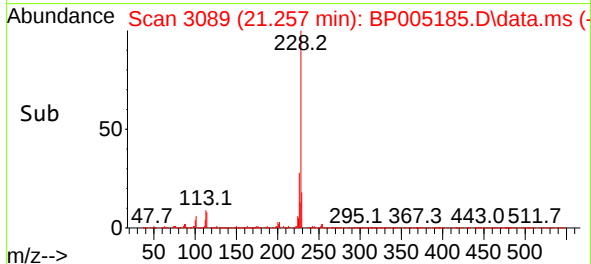
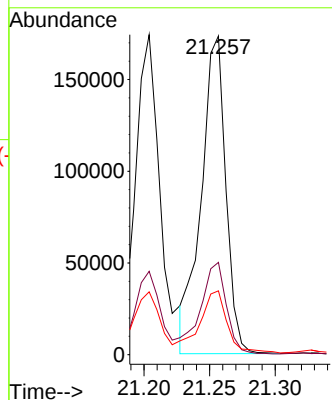
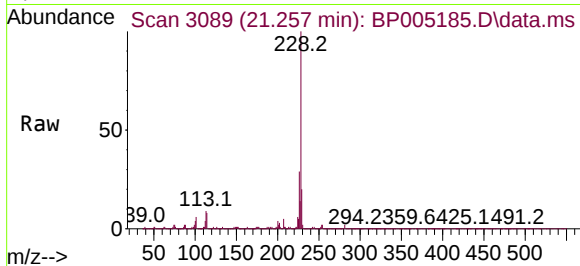




#83
Chrysene
Concen: 26.92 ng
RT: 21.257 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

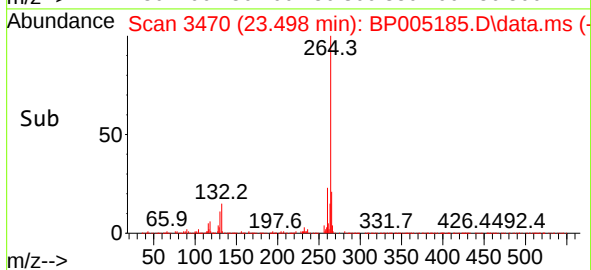
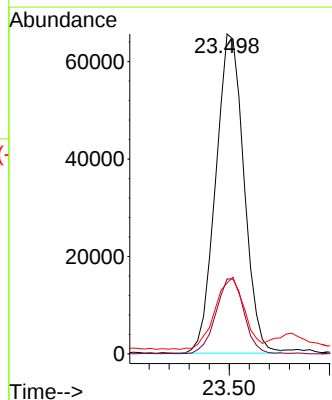
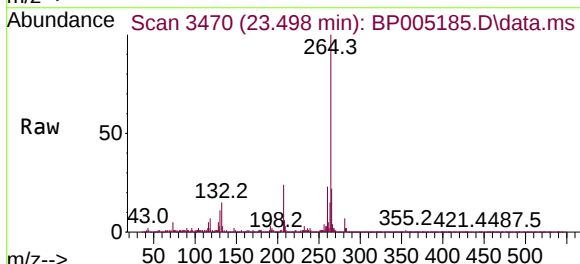
Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

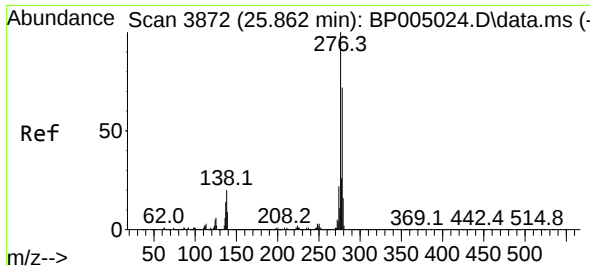
Tgt Ion:228	Resp: 226833		
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.4	36.6
229	20.0	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. -0.012 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:264	Resp: 128070		
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.8	28.2
265	22.2	17.4	26.2

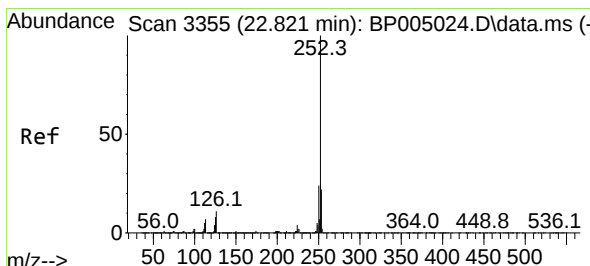
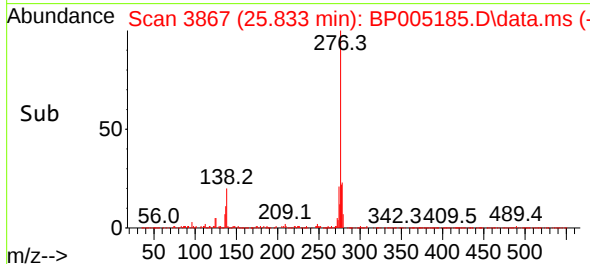
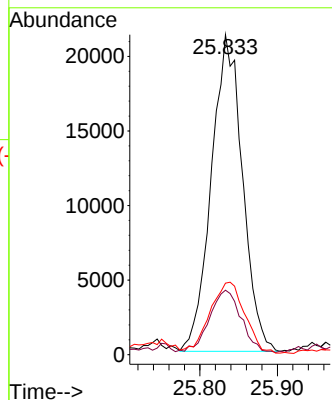
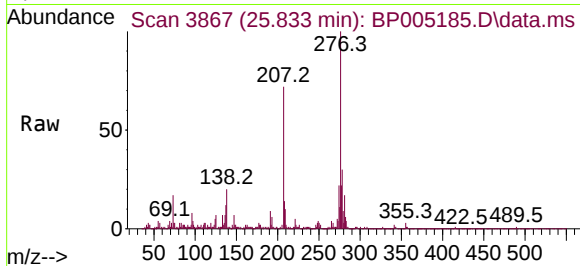




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.19 ng
RT: 25.833 min Scan# 3867
Delta R.T. -0.030 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

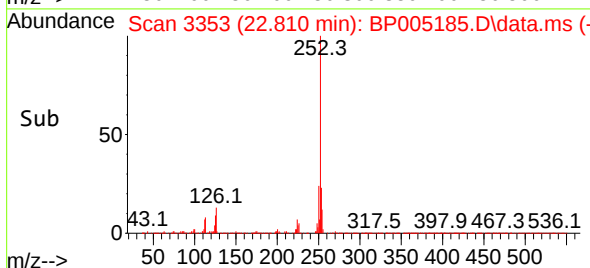
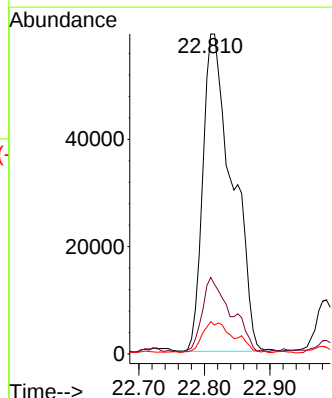
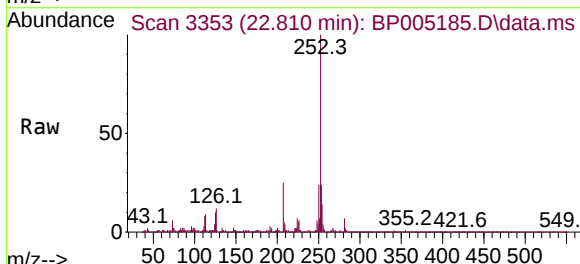
Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

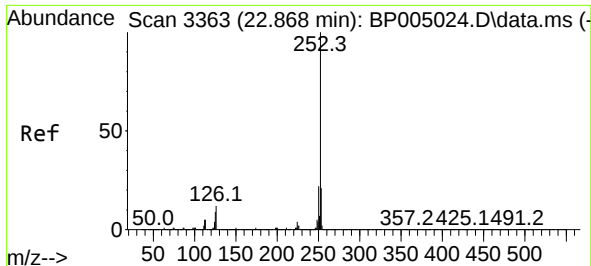
Tgt Ion:	276	Resp:	59409
Ion Ratio	Lower	Upper	
276	100		
138	20.0	18.7	28.1
277	24.9	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 20.32 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.006 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:	252	Resp:	184788
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.6	26.4
125	10.1	7.3	10.9

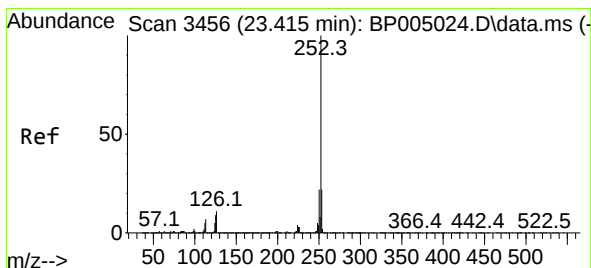
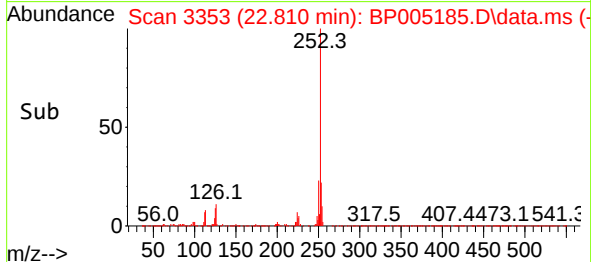
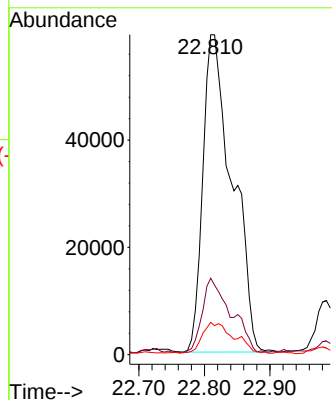
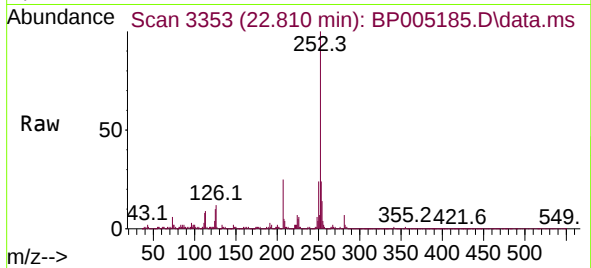




#89
Benzo(k)fluoranthene
Concen: 21.20 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.053 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

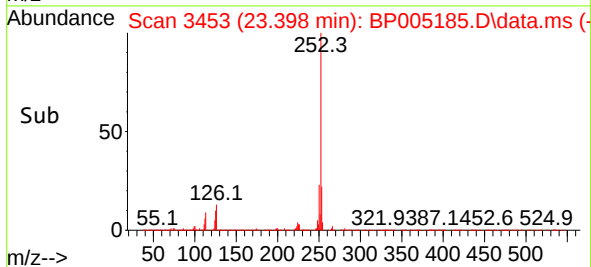
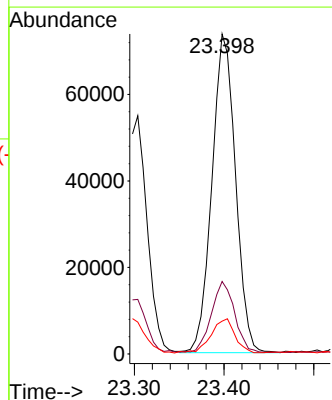
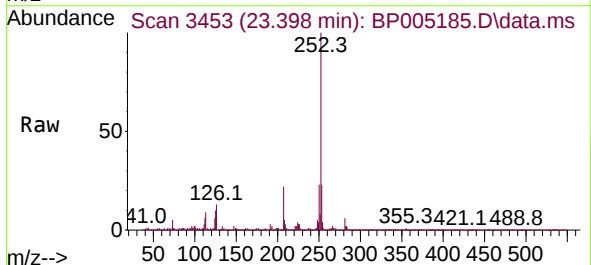
Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

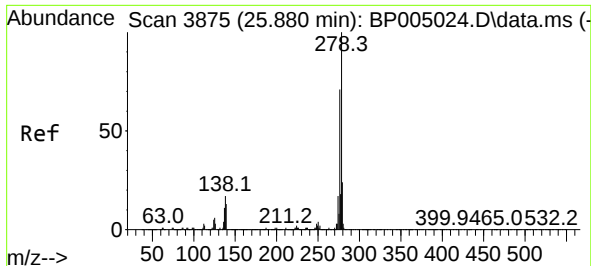
Tgt Ion:252 Resp: 184788
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 10.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 16.49 ng
RT: 23.398 min Scan# 3453
Delta R.T. -0.012 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:252 Resp: 134466
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 10.3 8.2 12.4

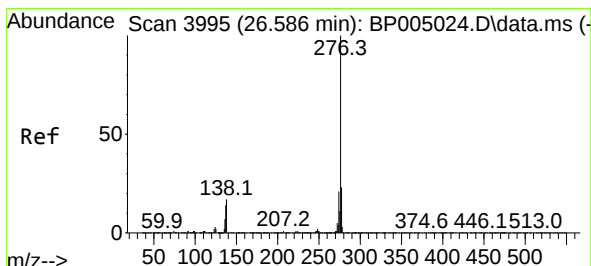
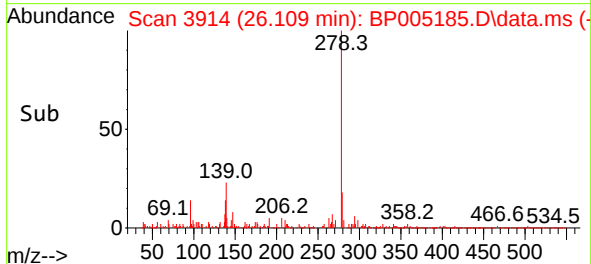
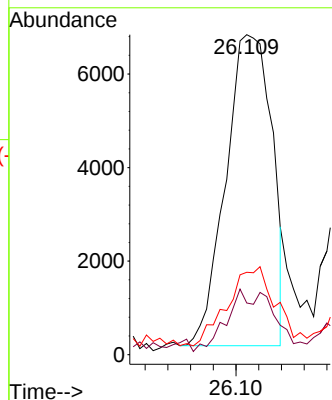
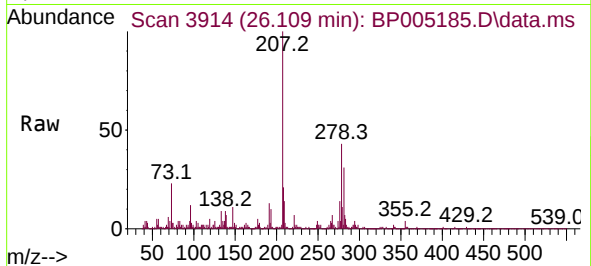




#91
Dibenzo(a,h)anthracene
Concen: 2.26 ng
RT: 26.109 min Scan# 3914
Delta R.T. 0.235 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Instrument :
BNA_P
ClientSampleId :
TP-3D-(4-10)

Tgt Ion:278 Resp: 18786
Ion Ratio Lower Upper
278 100
139 16.2 12.4 18.6
279 25.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 8.82 ng
RT: 26.556 min Scan# 3990
Delta R.T. -0.024 min
Lab File: BP005185.D
Acq: 05 Apr 2021 18:47

Tgt Ion:276 Resp: 70701
Ion Ratio Lower Upper
276 100
277 25.6 19.0 28.6
138 21.1 16.6 24.8

