

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
 Data File : BP005121.D
 Acq On : 31 Mar 2021 12:09
 Operator : CG/JU
 Sample : M1817-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PHC-326FB-002

Quant Time: Mar 31 12:58:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 10:07:03 2021
 Response via : Initial Calibration

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

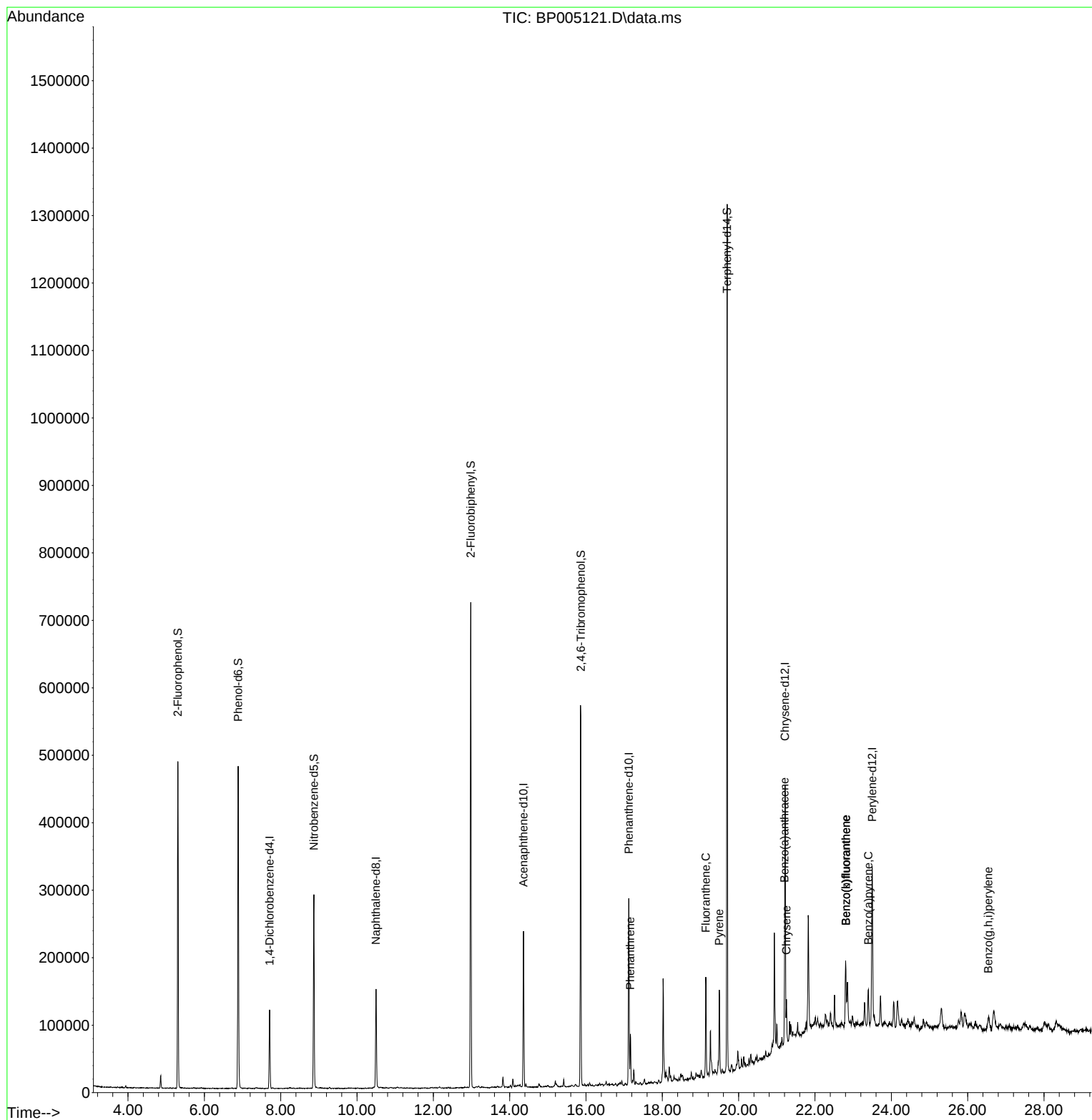
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	30002	20.00	ng	0.00
21) Naphthalene-d8	10.498	136	113186	20.00	ng	#-0.01
39) Acenaphthene-d10	14.363	164	75934	20.00	ng	-0.01
64) Phenanthrene-d10	17.122	188	156286	20.00	ng	#-0.01
76) Chrysene-d12	21.216	240	158934	20.00	ng	-0.02
86) Perylene-d12	23.498	264	163035	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	201297	103.25	ng	0.00
7) Phenol-d6	6.887	99	268890	96.29	ng	0.00
23) Nitrobenzene-d5	8.869	82	170514	64.64	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	94333	95.35	ng	-0.01
45) 2-Fluorobiphenyl	12.981	172	349032	62.18	ng	0.00
79) Terphenyl-d14	19.698	244	534639	61.24	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.163	178	42258	4.66	ng	99
75) Fluoranthene	19.139	202	74966	7.03	ng	96
78) Pyrene	19.492	202	71740	6.57	ng	97
81) Benzo(a)anthracene	21.204	228	38162	3.53	ng	95
83) Chrysene	21.251	228	36029	3.40	ng	95
88) Benzo(b)fluoranthene	22.810	252	47460	4.10	ng	98
89) Benzo(k)fluoranthene	22.810	252	47460	4.28	ng	99
90) Benzo(a)pyrene	23.398	252	33477	3.22	ng	# 94
92) Benzo(g,h,i)perylene	26.539	276	24189	2.37	ng	100

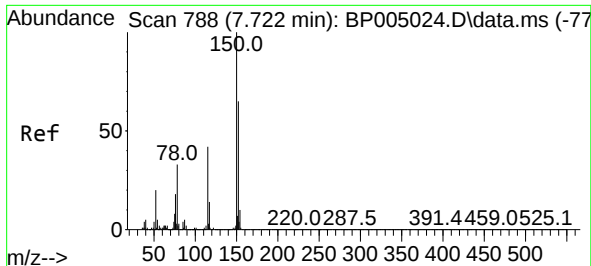
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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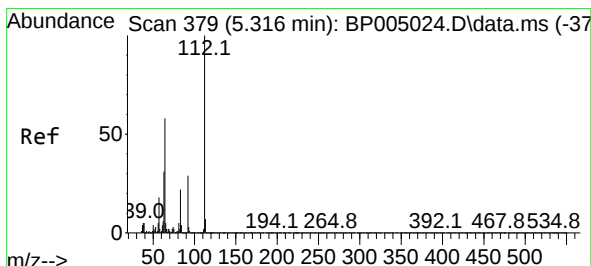
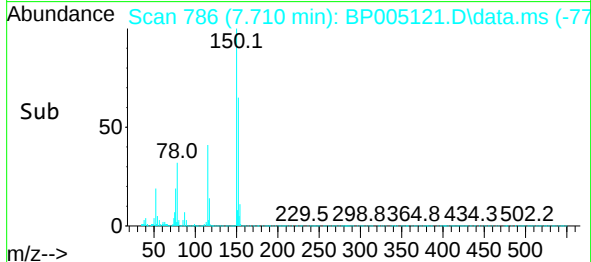
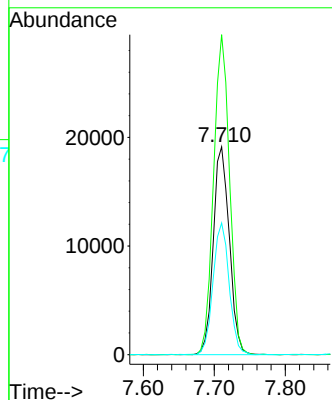
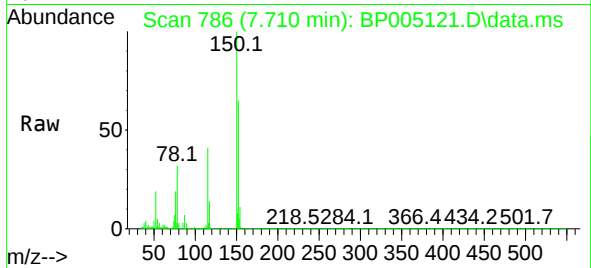




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

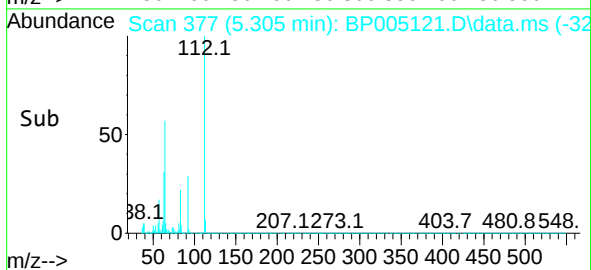
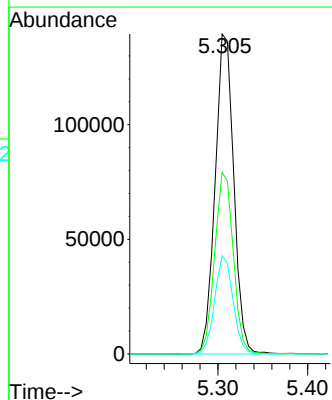
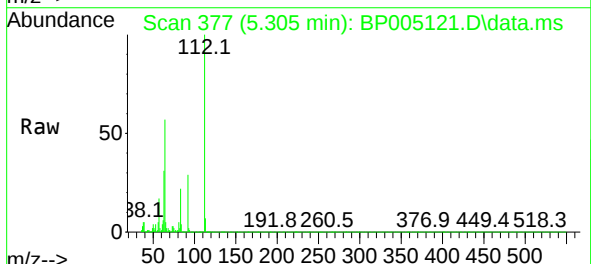
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

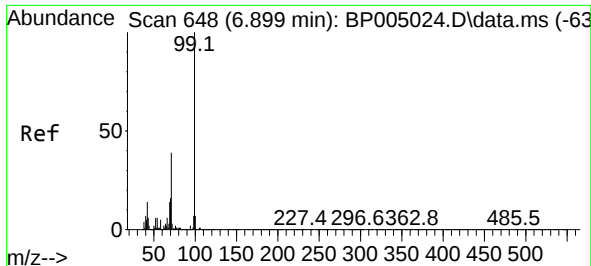
Tgt Ion:152 Resp: 30002
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 63.3 43.8 65.6



#5
2-Fluorophenol
Concen: 103.25 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.006 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:112 Resp: 201297
Ion Ratio Lower Upper
112 100
64 56.7 32.8 49.2#
63 30.7 17.0 25.4#

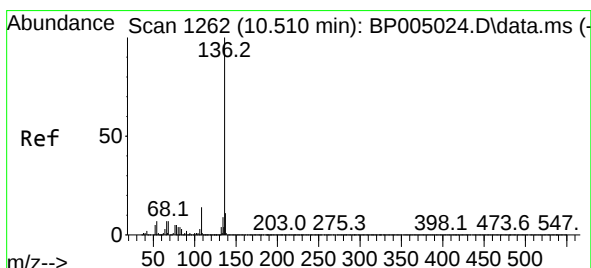
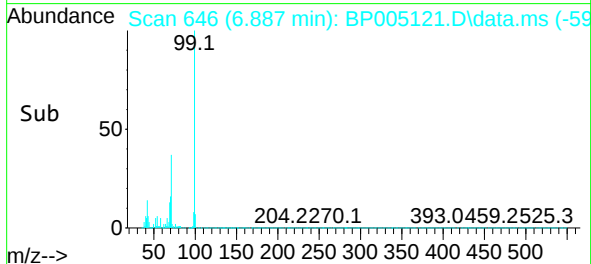
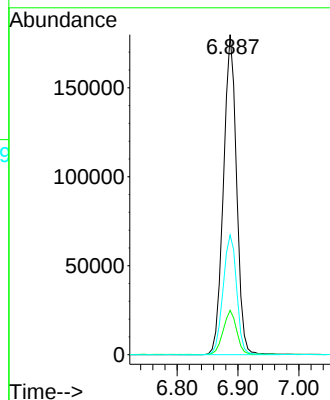
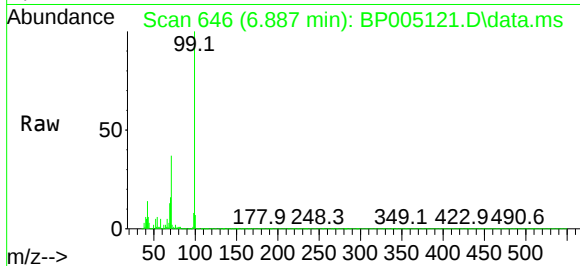




#7
Phenol-d6
Concen: 96.29 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

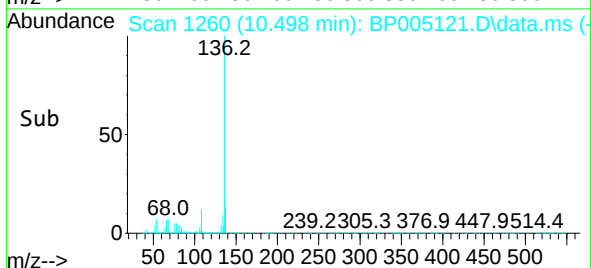
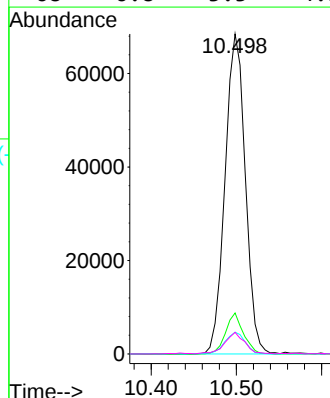
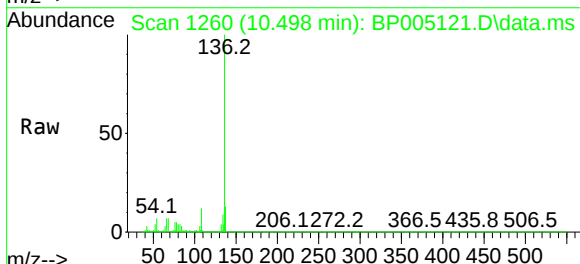
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

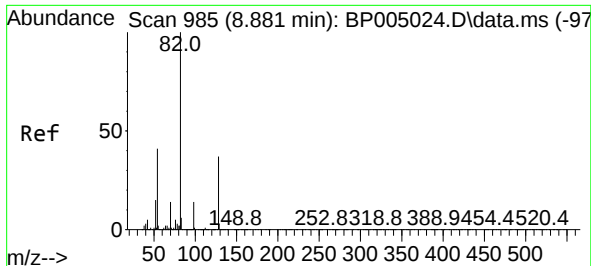
Tgt Ion: 99 Resp: 268890
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 37.4 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion: 136 Resp: 113186
Ion Ratio Lower Upper
136 100
137 12.8 8.6 13.0
54 6.8 3.6 5.4#
68 6.8 3.3 4.9#

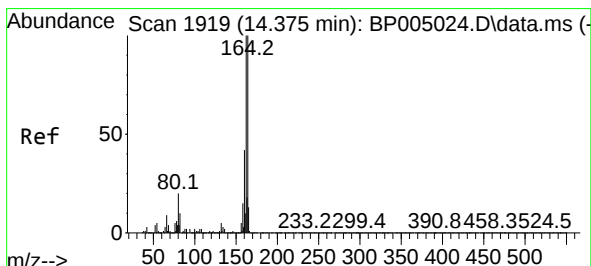
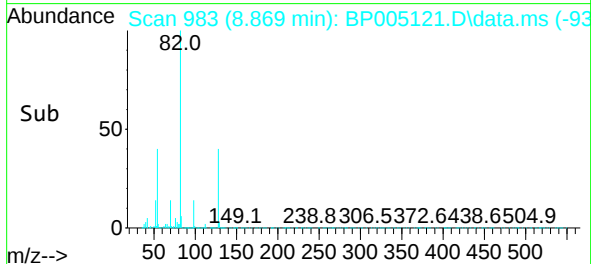
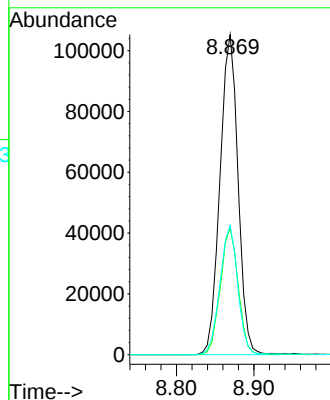
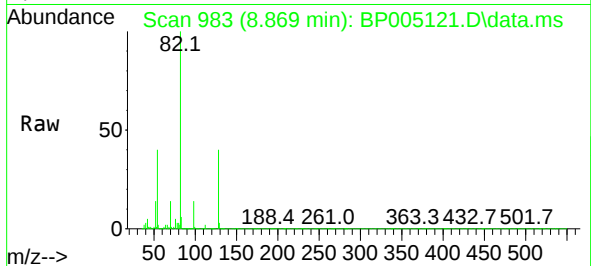




#23
Nitrobenzene-d5
Concen: 64.64 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

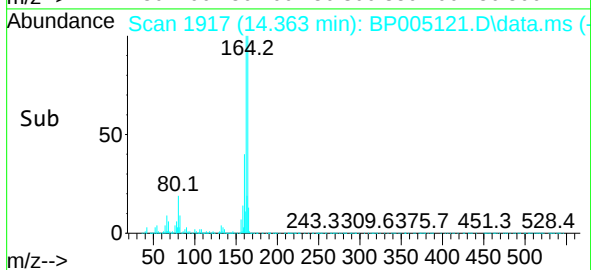
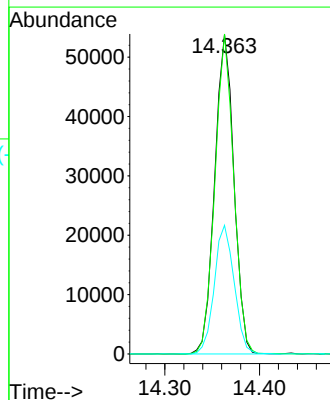
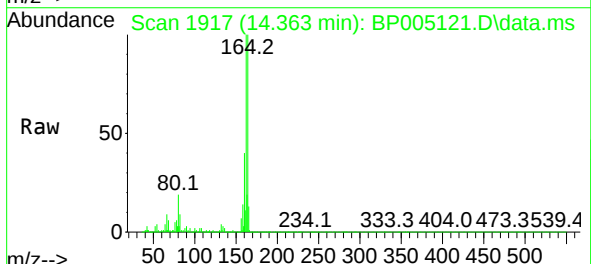
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

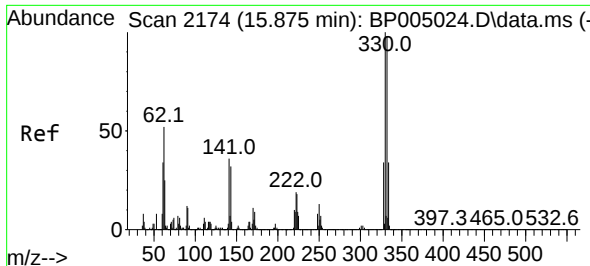
Tgt Ion: 82 Resp: 170514
Ion Ratio Lower Upper
82 100
128 39.6 45.6 68.4#
54 40.3 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion: 164 Resp: 75934
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 40.2 36.1 54.1

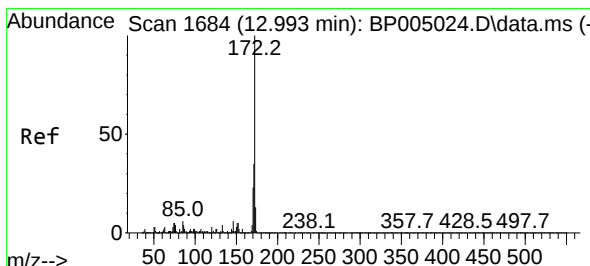
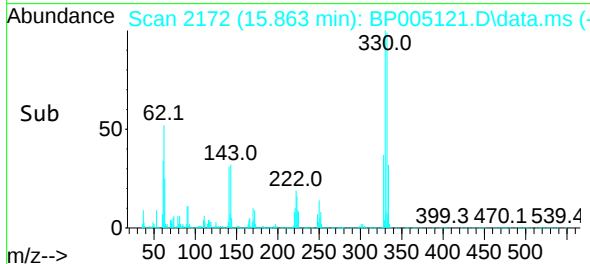
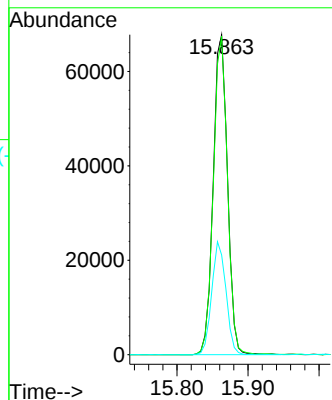
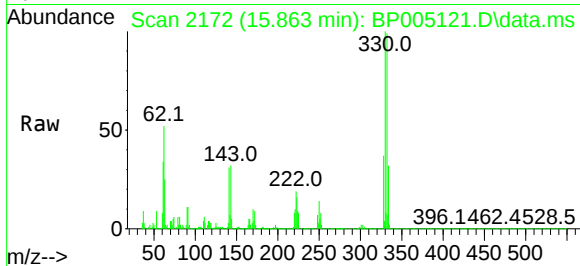




#42
2,4,6-Tribromophenol
Concen: 95.35 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

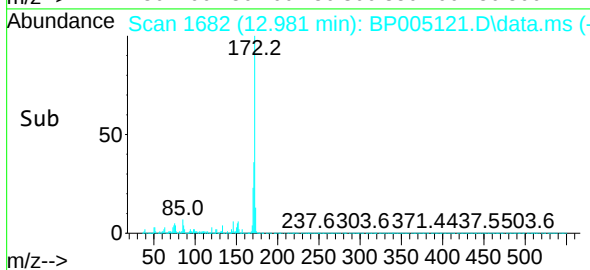
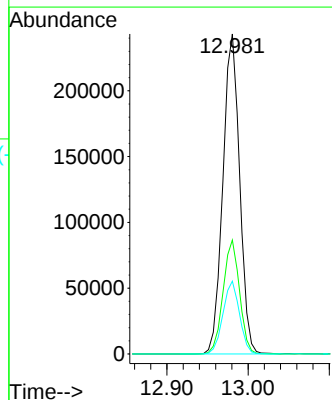
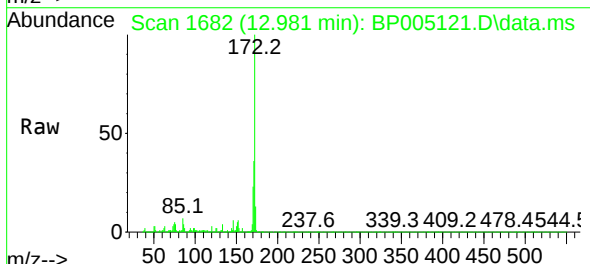
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ClientSampleId :
PHC-326FB-002

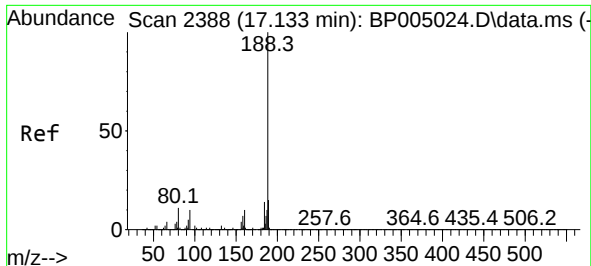
Tgt Ion:330 Resp: 94333
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 35.3 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 62.18 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:172 Resp: 349032
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.7 19.2 28.8

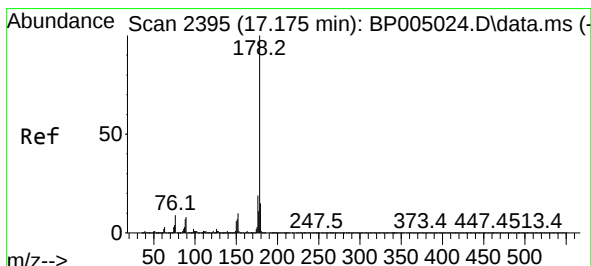
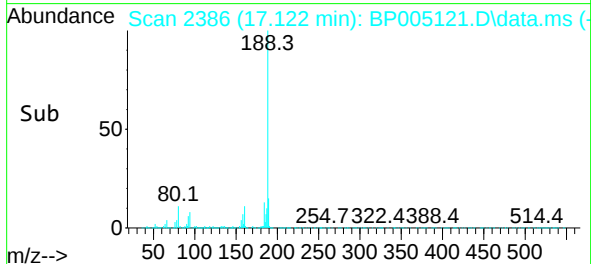
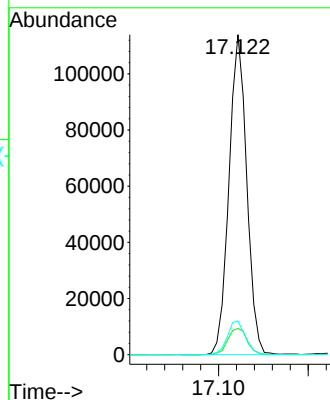
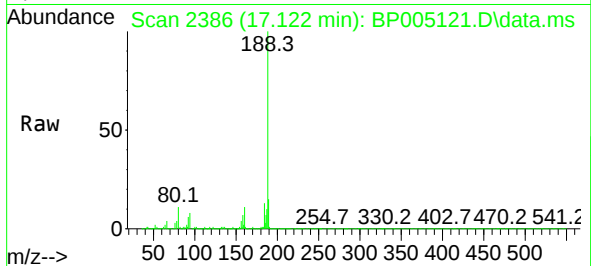




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

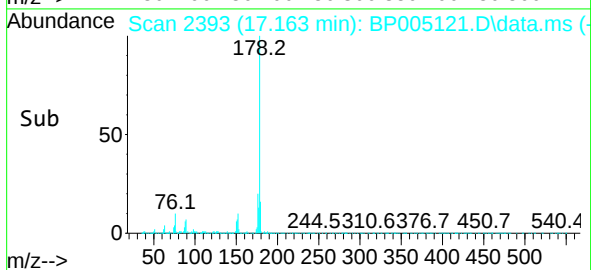
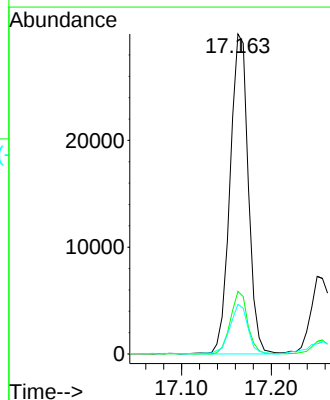
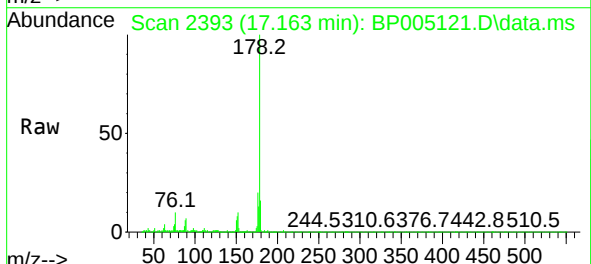
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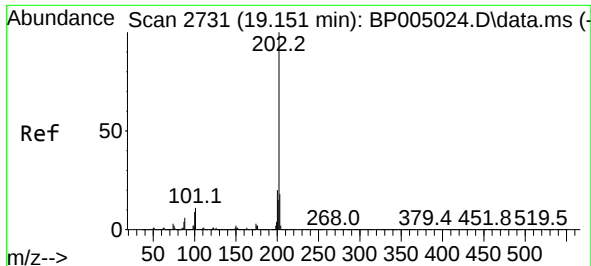
Tgt Ion:188 Resp: 156286
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 10.5 6.2 9.2#



#71
Phenanthrene
Concen: 4.66 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:178 Resp: 42258
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.5 12.5 18.7

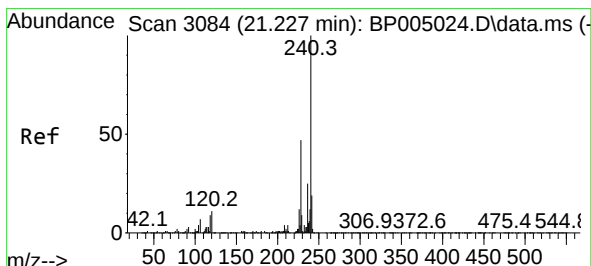
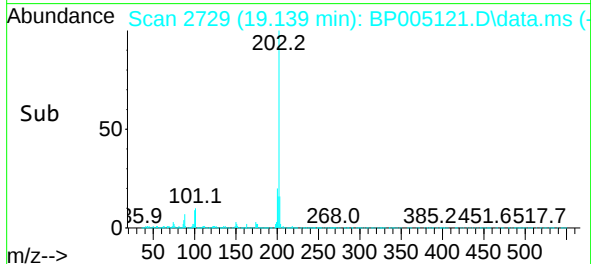
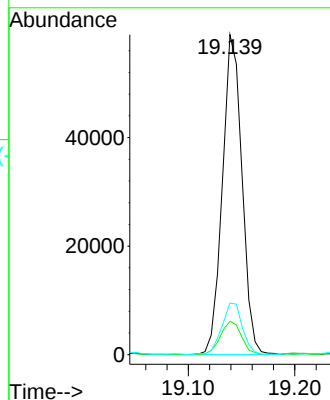
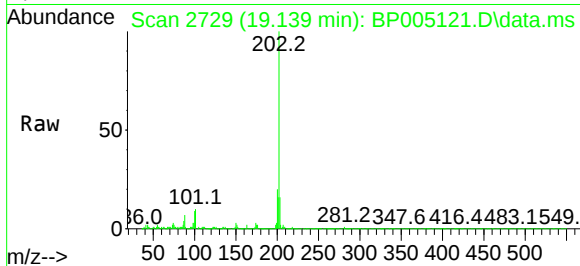




#75
Fluoranthene
Concen: 7.03 ng
RT: 19.139 min Scan# 2729
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

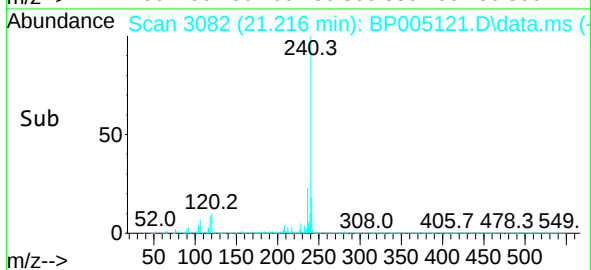
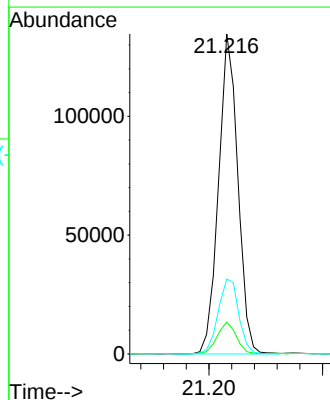
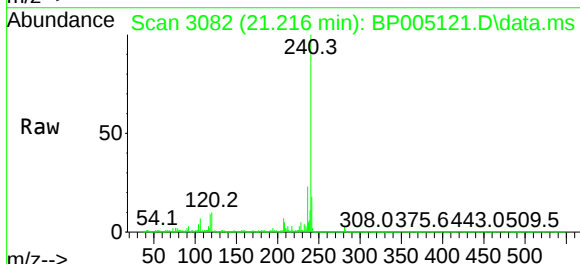
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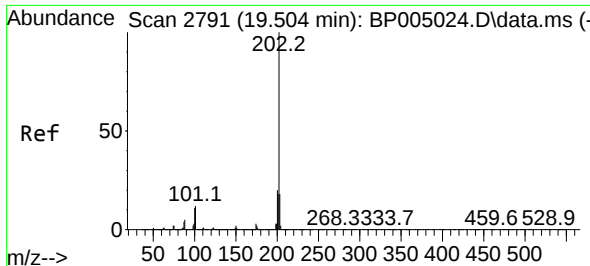
Tgt Ion:202	Resp:	74966
Ion Ratio	Lower	Upper
202	100	
101	10.4	0.0 29.4
203	16.1	0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:240	Resp:	158934
Ion Ratio	Lower	Upper
240	100	
120	9.9	7.8 11.6
236	23.4	20.8 31.2

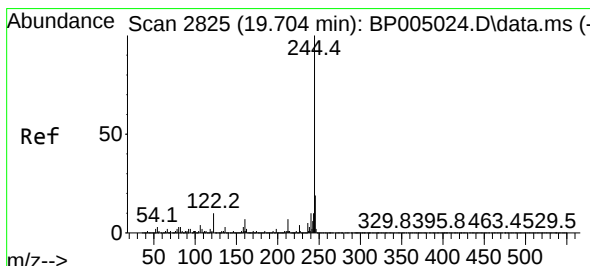
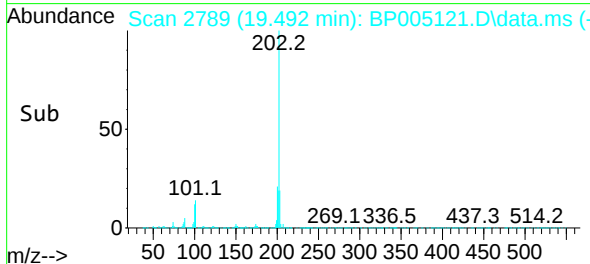
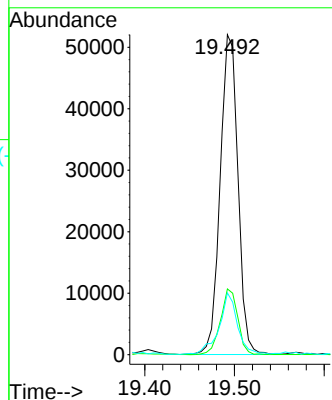
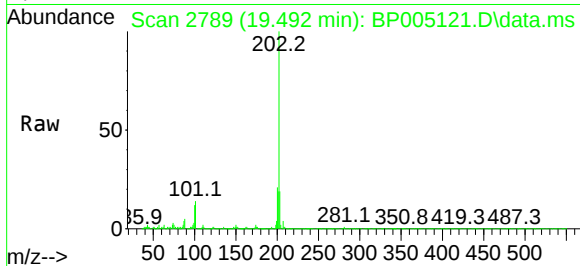




#78
Pyrene
Concen: 6.57 ng
RT: 19.492 min Scan# 2789
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

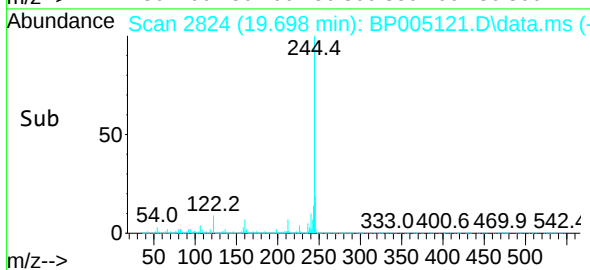
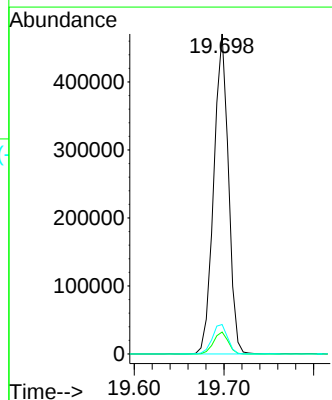
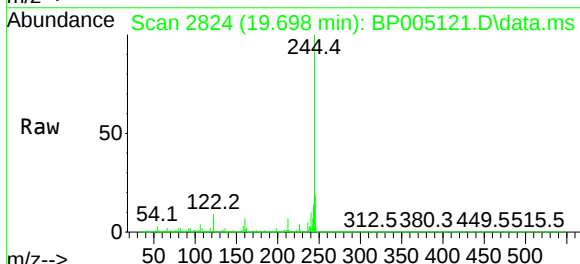
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

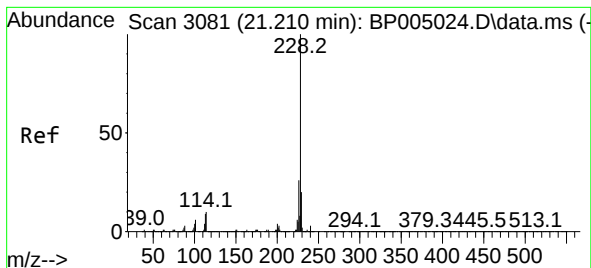
Tgt Ion:202 Resp: 71740
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 19.3 14.2 21.2



#79
Terphenyl-d14
Concen: 61.24 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.012 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:244 Resp: 534639
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 9.2 7.8 11.8





#81

Benzo(a)anthracene

Concen: 3.53 ng

RT: 21.204 min Scan# 3080

Delta R.T. -0.012 min

Lab File: BP005121.D

Acq: 31 Mar 2021 12:09

Tgt Ion:228 Resp: 38162

Ion Ratio Lower Upper

228 100

226 30.7 22.1 33.1

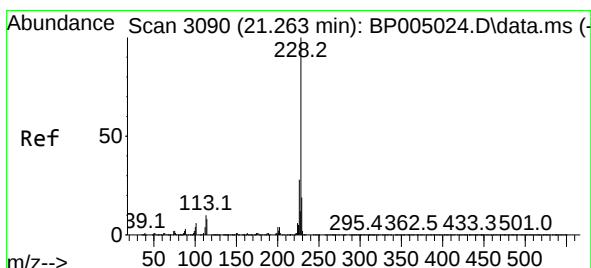
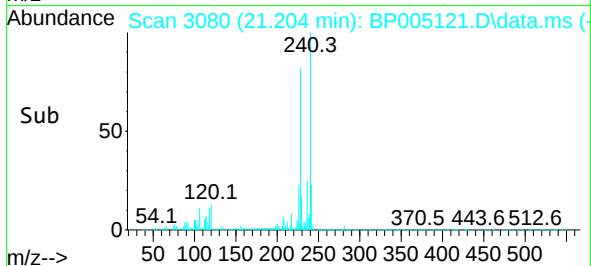
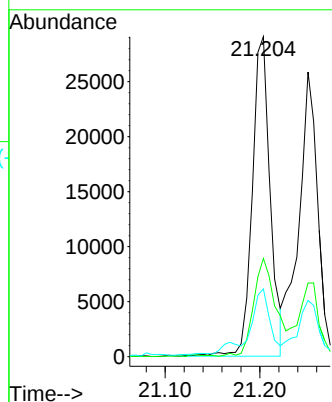
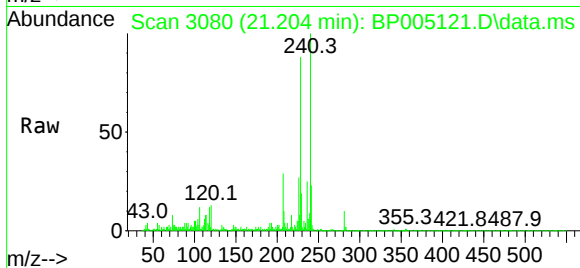
229 21.2 15.9 23.9

Instrument :

BNA_P

ClientSampleId :

PHC-326FB-002



#83

Chrysene

Concen: 3.40 ng

RT: 21.251 min Scan# 3088

Delta R.T. -0.018 min

Lab File: BP005121.D

Acq: 31 Mar 2021 12:09

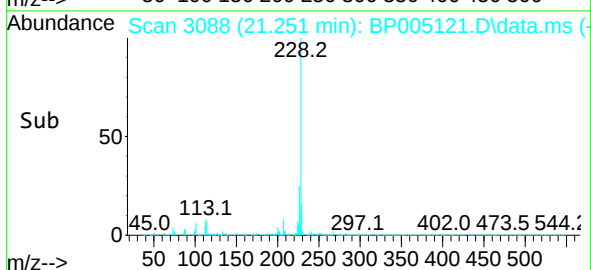
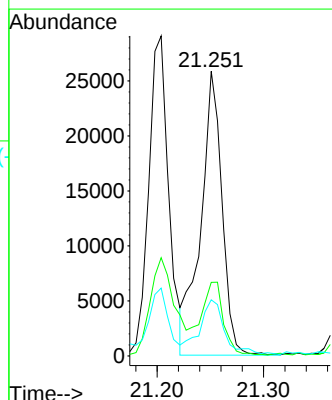
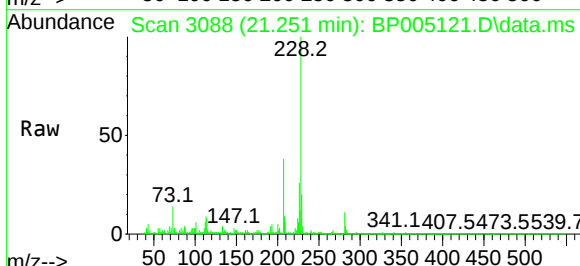
Tgt Ion:228 Resp: 36029

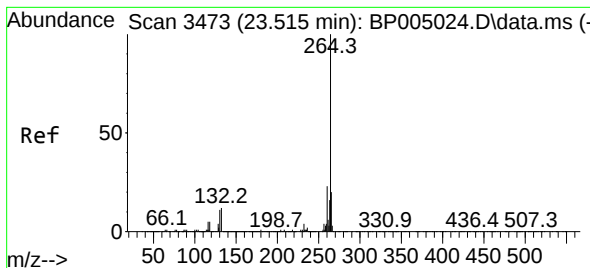
Ion Ratio Lower Upper

228 100

226 25.8 24.4 36.6

229 19.7 15.8 23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.498 min Scan# 3470

Delta R.T. -0.024 min

Lab File: BP005121.D

Acq: 31 Mar 2021 12:09

Instrument :

BNA_P

ClientSampleId :

PHC-326FB-002

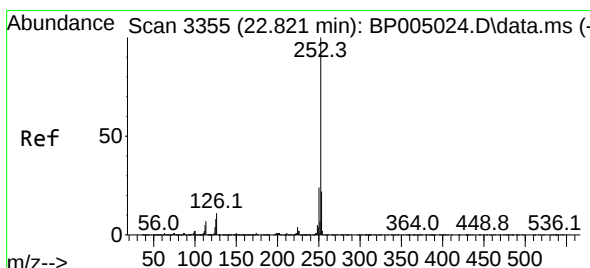
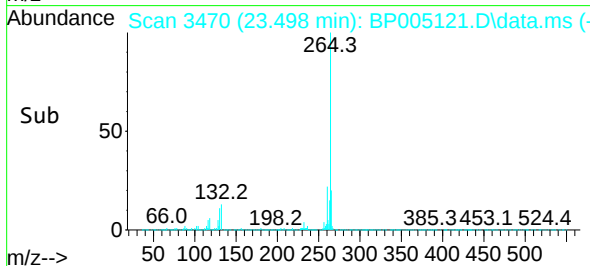
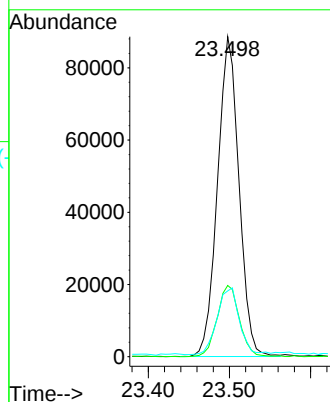
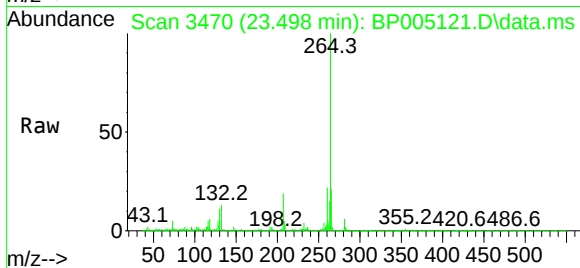
Tgt Ion:264 Resp: 163035

Ion Ratio Lower Upper

264 100

260 22.3 18.8 28.2

265 20.5 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 4.10 ng

RT: 22.810 min Scan# 3353

Delta R.T. -0.018 min

Lab File: BP005121.D

Acq: 31 Mar 2021 12:09

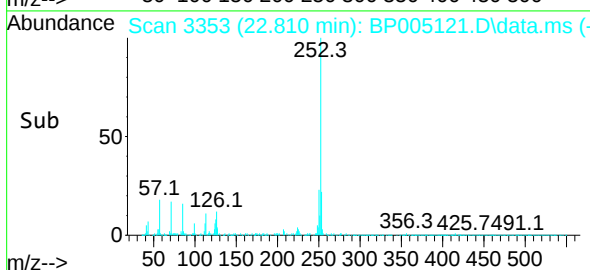
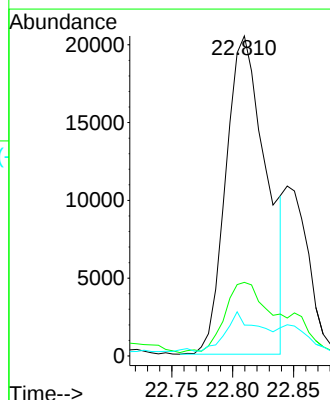
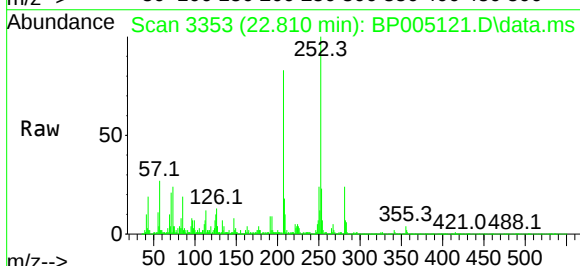
Tgt Ion:252 Resp: 47460

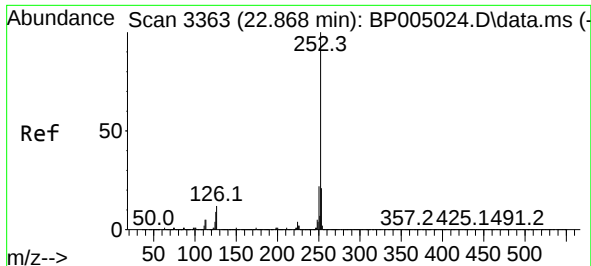
Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 9.7 7.3 10.9

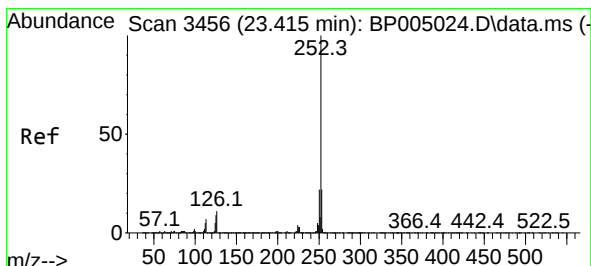
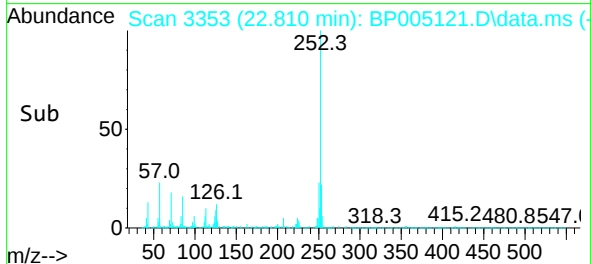
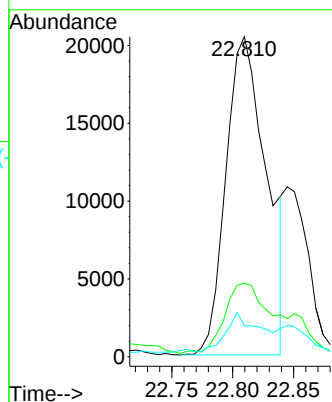
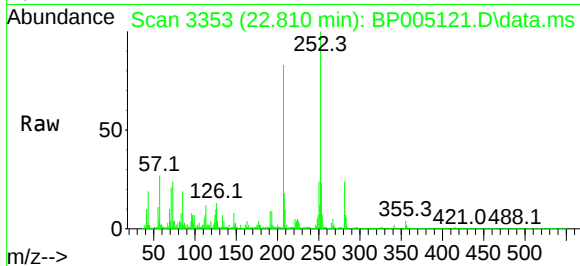




#89
Benzo(k)fluoranthene
Concen: 4.28 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.065 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

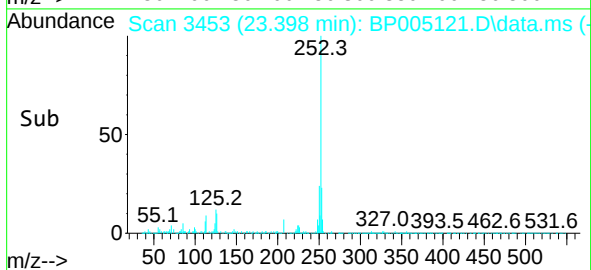
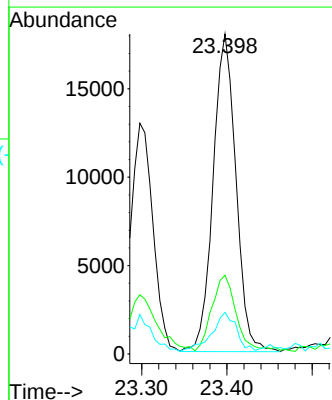
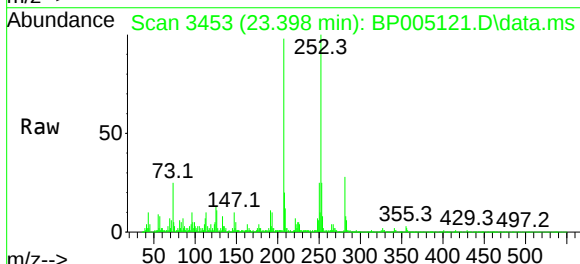
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-002

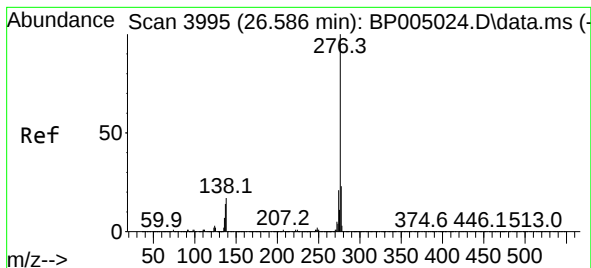
Tgt Ion:252 Resp: 47460
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 9.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 3.22 ng
RT: 23.398 min Scan# 3453
Delta R.T. -0.024 min
Lab File: BP005121.D
Acq: 31 Mar 2021 12:09

Tgt Ion:252 Resp: 33477
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 13.0 8.2 12.4#





#92
 Benzo(g,h,i)perylene
 Concen: 2.37 ng
 RT: 26.539 min Scan# 3987
 Delta R.T. -0.053 min
 Lab File: BP005121.D
 Acq: 31 Mar 2021 12:09

Instrument :
 BNA_P
 ClientSampleId :
 PHC-326FB-002

Tgt Ion:	276	Resp:	24189
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.6
138	20.7	16.6	24.8

