

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
 Data File : BP006535.D
 Acq On : 06 Aug 2021 12:38
 Operator : CG/JU
 Sample : M3271-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Aug 06 13:20:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:41:30 2021
 Response via : Initial Calibration

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

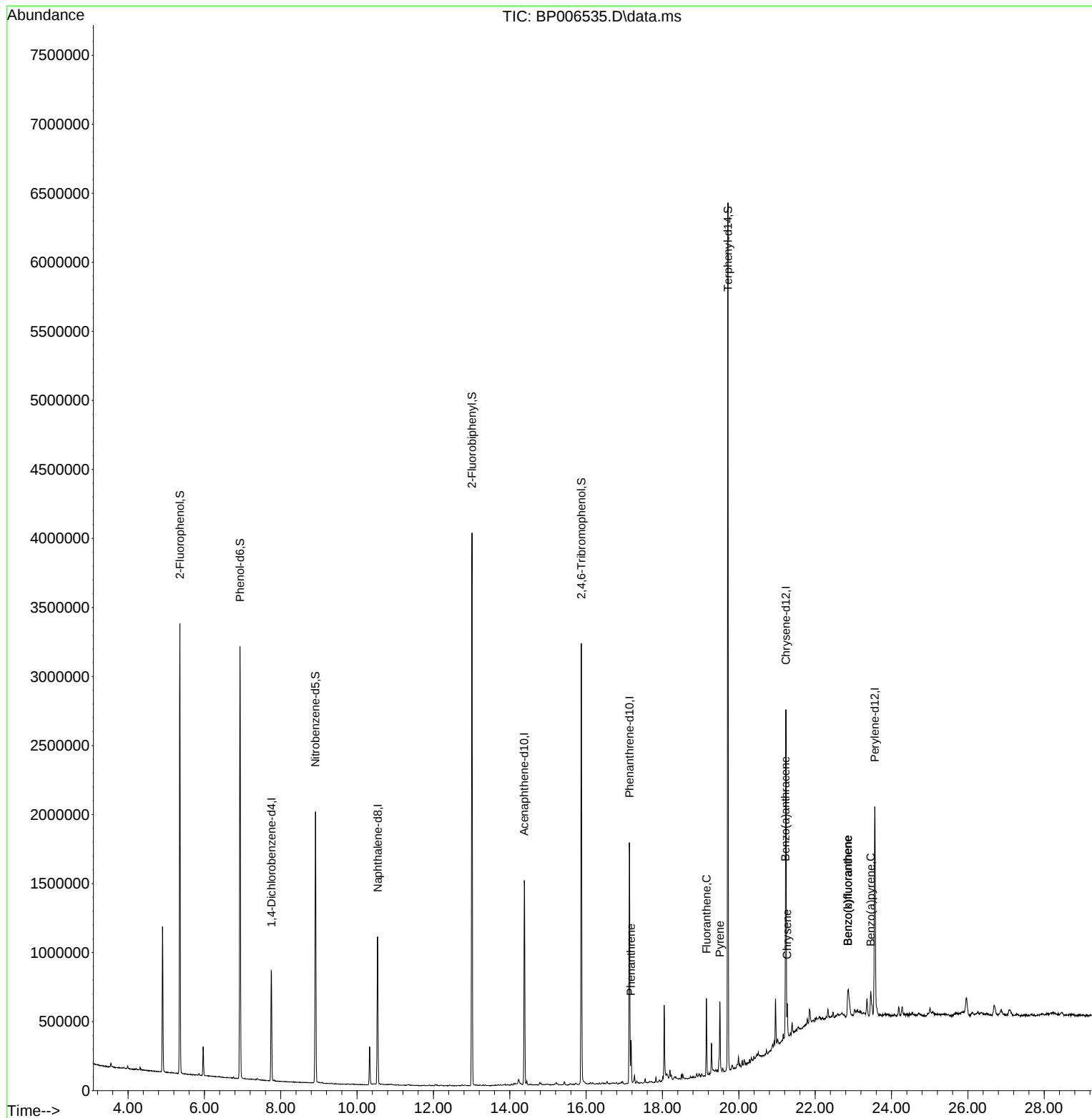
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	205300	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	846759	20.000	ng	# 0.00
39) Acenaphthene-d10	14.381	164	479331	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	929960	20.000	ng	# 0.00
76) Chrysene-d12	21.233	240	944065	20.000	ng	# 0.00
86) Perylene-d12	23.563	264	996065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1276993	95.538	ng	0.00
7) Phenol-d6	6.934	99	1682989	88.638	ng	0.00
23) Nitrobenzene-d5	8.910	82	1148550	62.608	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	474396	94.699	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	1815532	56.668	ng	0.00
79) Terphenyl-d14	19.716	244	2595474	55.089	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.175	178	170152	3.244	ng	100
75) Fluoranthene	19.151	202	278854	4.736	ng	94
78) Pyrene	19.504	202	269179	4.269	ng	99
81) Benzo(a)anthracene	21.222	228	125048	2.027	ng	98
83) Chrysene	21.269	228	120059	2.007	ng	97
88) Benzo(b)fluoranthene	22.857	252	158059	2.442	ng	# 91
89) Benzo(k)fluoranthene	22.857	252	158059	2.543	ng	# 91
90) Benzo(a)pyrene	23.457	252	121226	2.088	ng	# 95

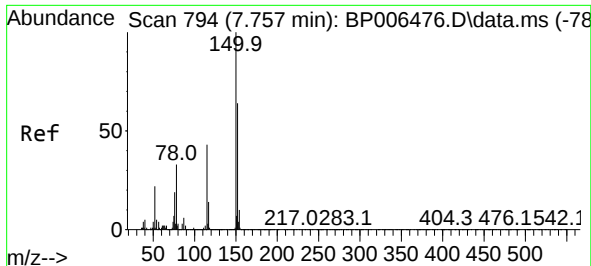
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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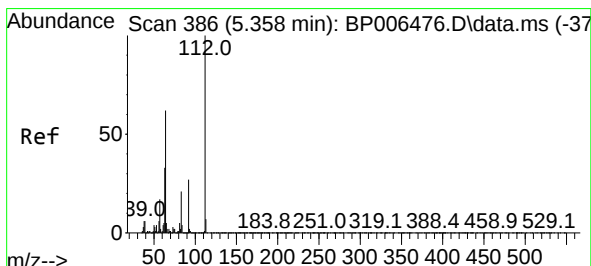
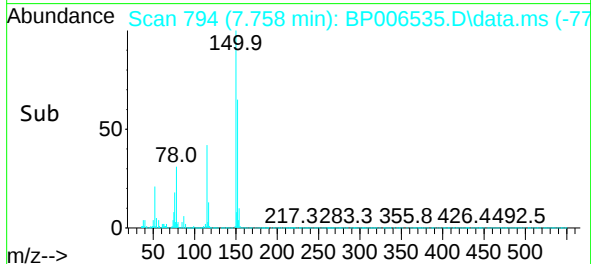
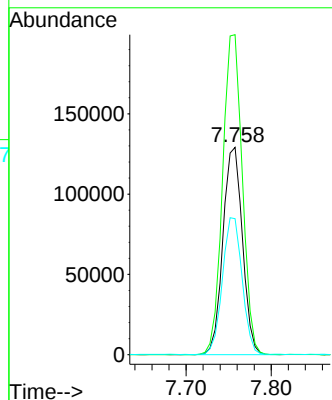
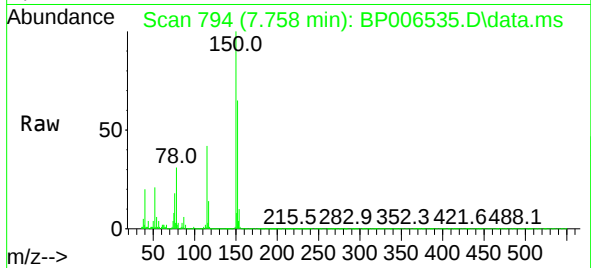




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 794
Delta R.T. 0.001 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

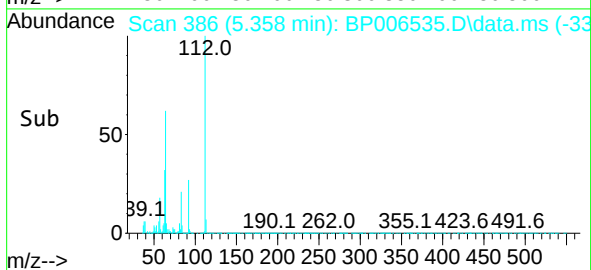
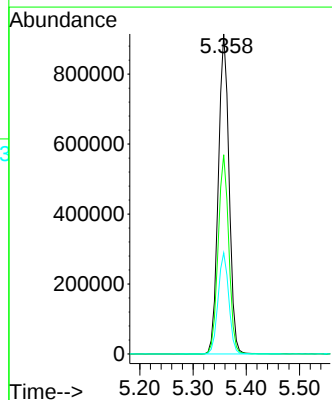
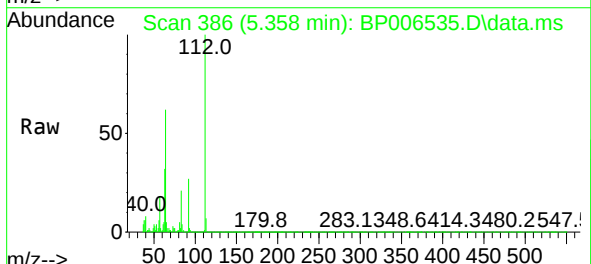
Instrument :
BNA_P
ClientSampleId :
TP-1

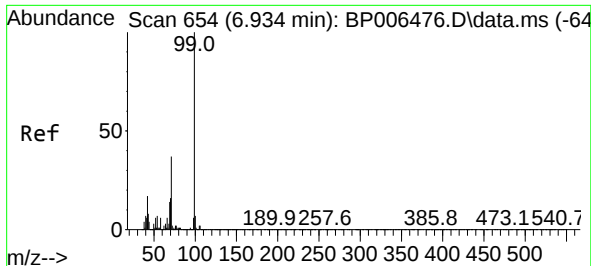
Tgt Ion:152 Resp: 205300
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 65.5 48.5 72.7



#5
2-Fluorophenol
Concen: 95.538 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Tgt Ion:112 Resp: 1276993
Ion Ratio Lower Upper
112 100
64 62.3 41.4 62.2#
63 31.6 23.8 35.8



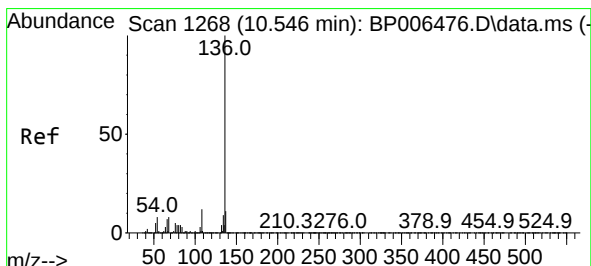
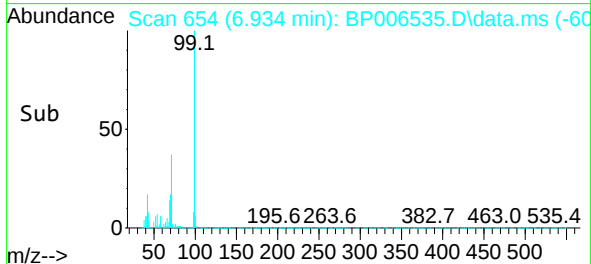
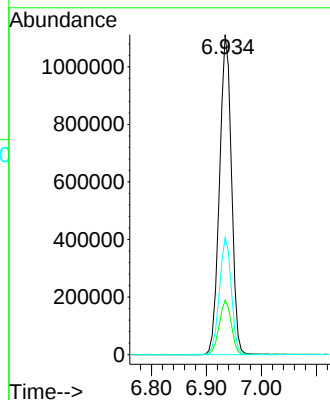
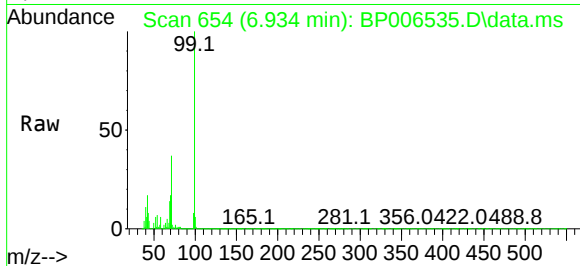


#7
Phenol-d6
Concen: 88.638 ng
RT: 6.934 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 1682989

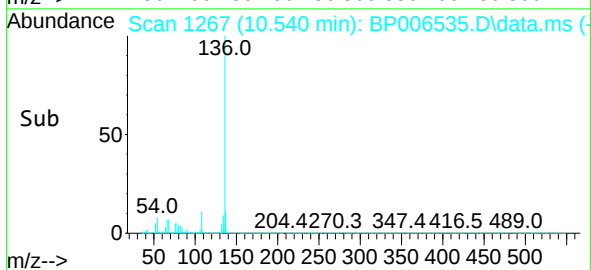
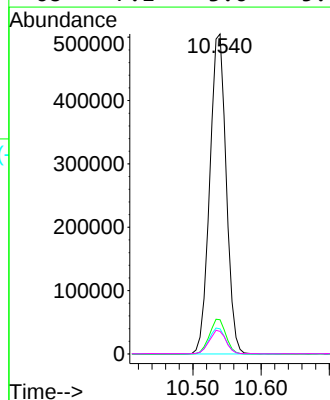
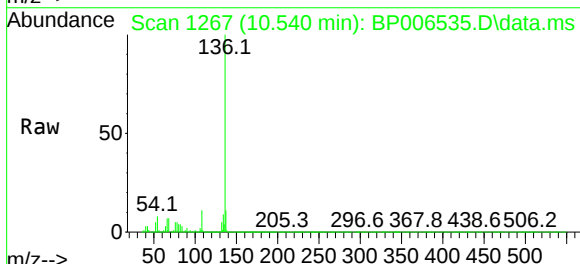
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.4	20.0
71	36.6	30.6	46.0

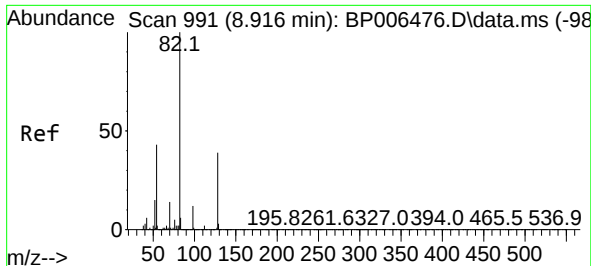


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Tgt Ion: 136 Resp: 846759

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.9	4.6	6.8#
68	7.1	3.6	5.4#

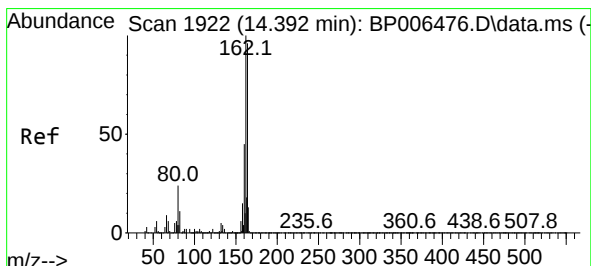
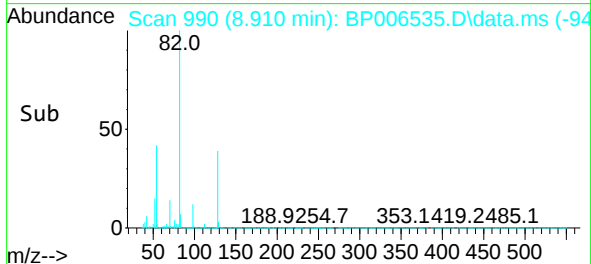
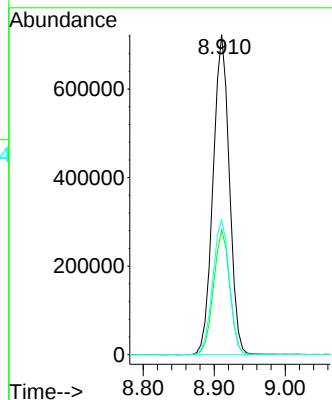
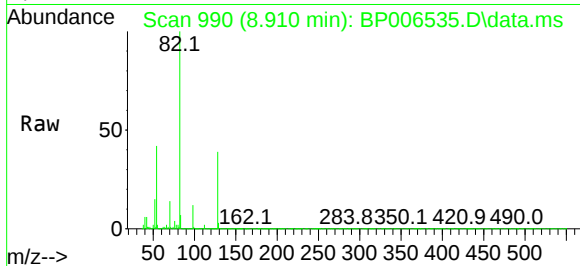




#23
Nitrobenzene-d5
Concen: 62.608 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

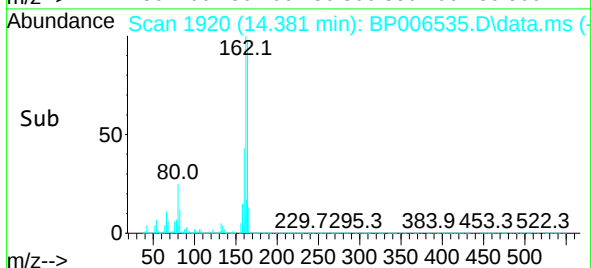
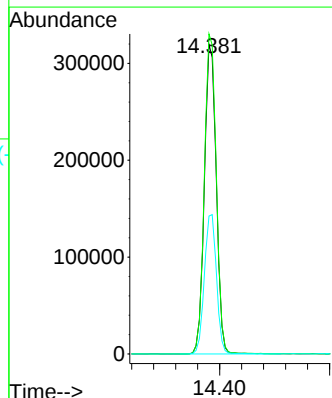
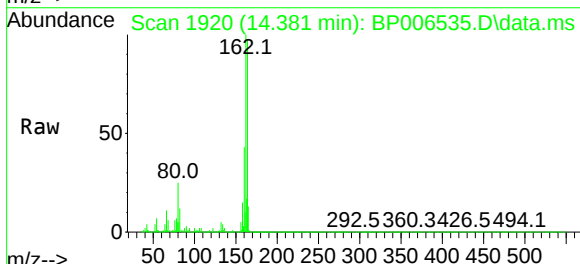
Instrument :
BNA_P
ClientSampleId :
TP-1

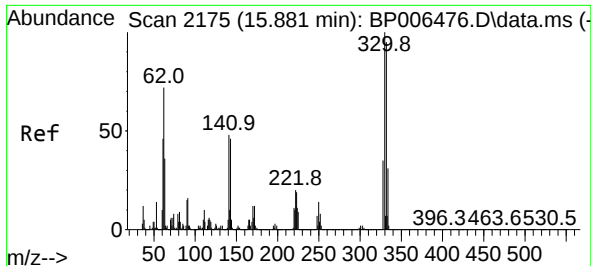
Tgt Ion: 82 Resp: 1148550
Ion Ratio Lower Upper
82 100
128 39.0 35.7 53.5
54 42.1 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Tgt Ion: 164 Resp: 479331
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.2
160 44.5 34.5 51.7

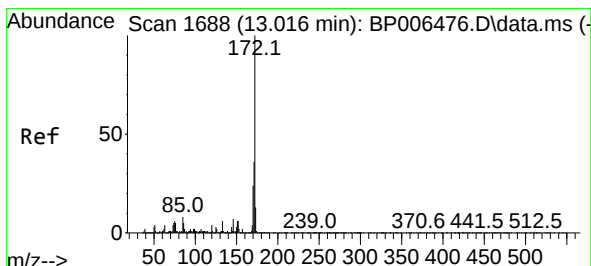
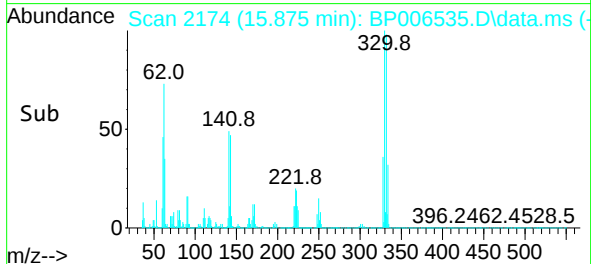
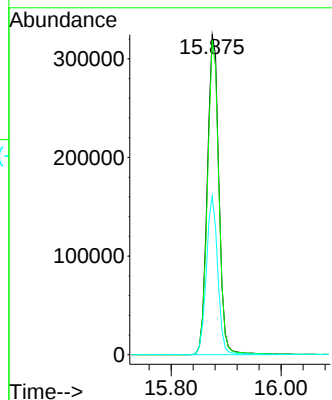
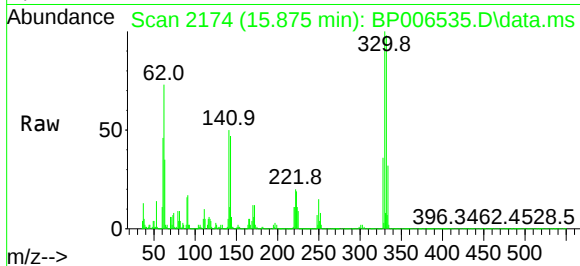




#42
2,4,6-Tribromophenol
Concen: 94.699 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

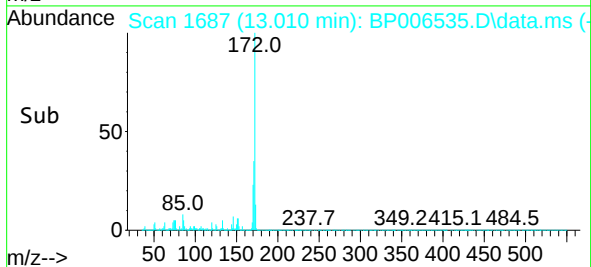
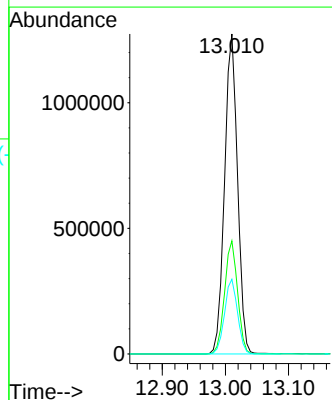
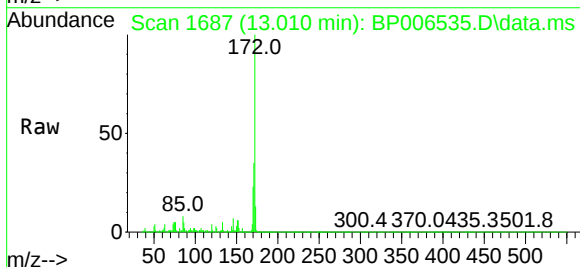
Instrument :
BNA_P
ClientSampleId :
TP-1

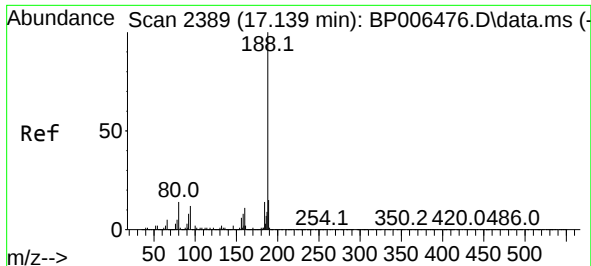
Tgt Ion:330 Resp: 474396
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 48.7 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 56.668 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Tgt Ion:172 Resp: 1815532
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.4 18.6 27.8

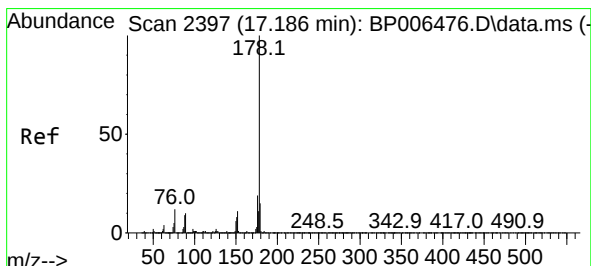
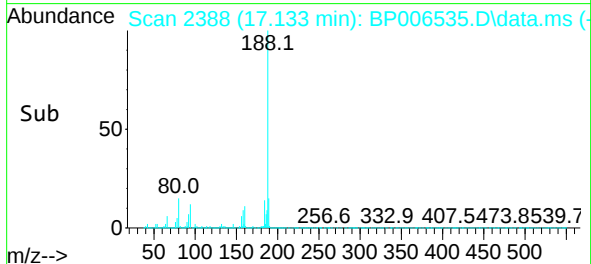
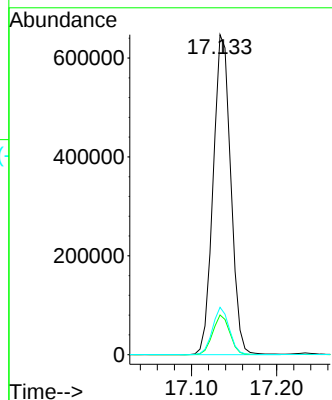
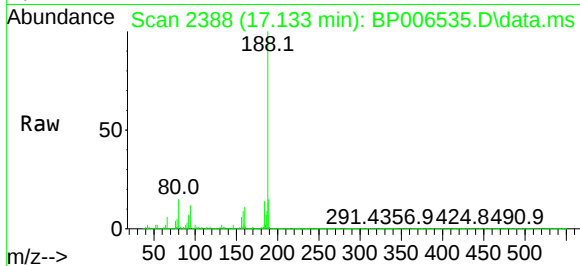




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

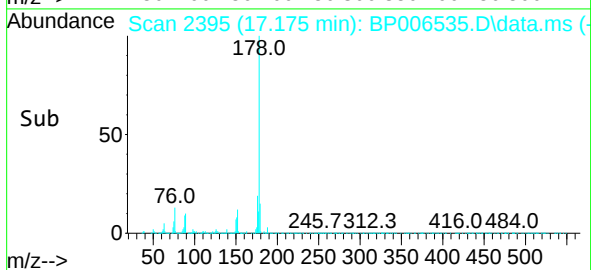
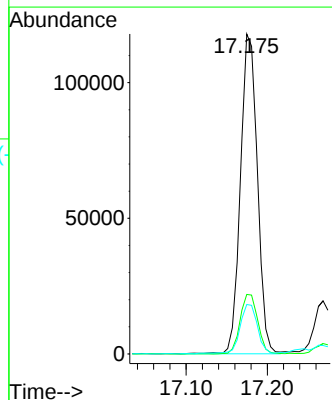
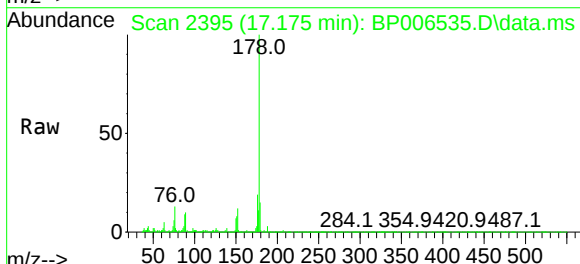
Instrument :
BNA_P
ClientSampleId :
TP-1

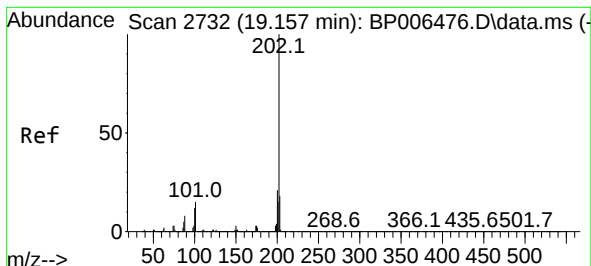
Tgt Ion:188 Resp: 929960
Ion Ratio Lower Upper
188 100
94 12.4 5.6 8.4#
80 14.8 6.3 9.5#



#71
Phenanthrene
Concen: 3.244 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Tgt Ion:178 Resp: 170152
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.4 12.4 18.6

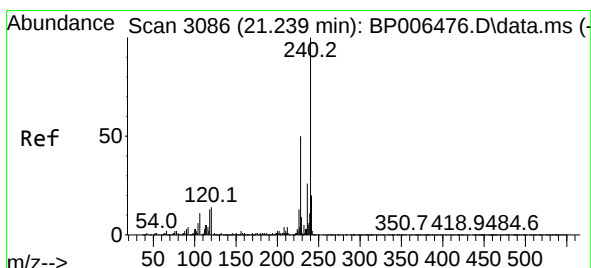
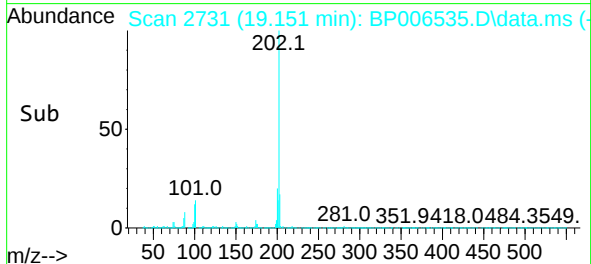
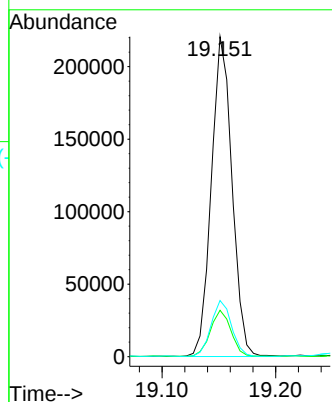
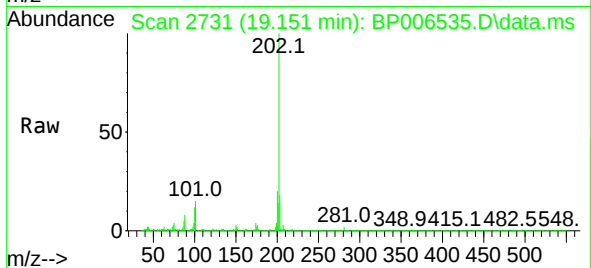




#75
Fluoranthene
Concen: 4.736 ng
RT: 19.151 min Scan# 2731
Delta R.T. -0.006 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

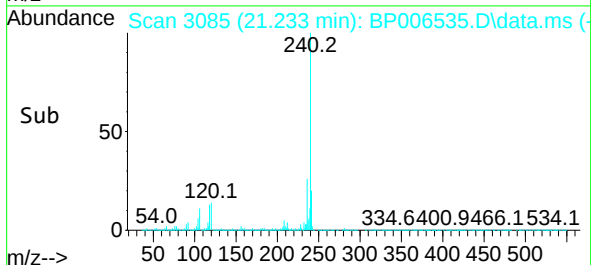
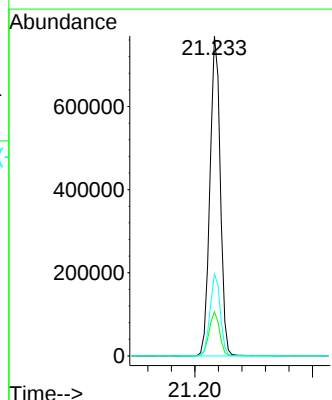
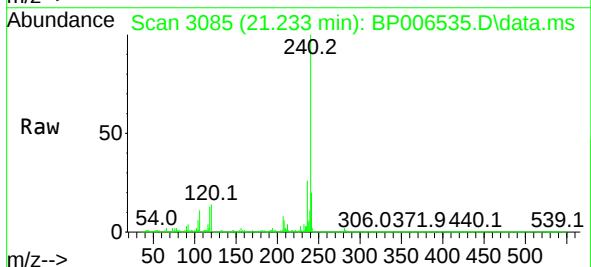
Instrument :
BNA_P
ClientSampled :
TP-1

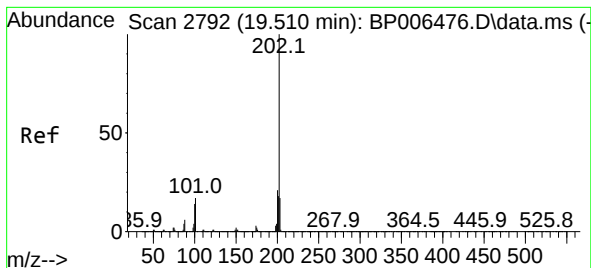
Tgt Ion:202 Resp: 278854
Ion Ratio Lower Upper
202 100
101 14.5 0.0 27.6
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Tgt Ion:240 Resp: 944065
Ion Ratio Lower Upper
240 100
120 13.8 6.5 9.7#
236 25.6 20.6 31.0





#78

Pyrene

Concen: 4.269 ng

RT: 19.504 min Scan# 2791

Delta R.T. -0.006 min

Lab File: BP006535.D

Acq: 06 Aug 2021 12:38

Tgt Ion:202 Resp: 269179

Ion Ratio Lower Upper

202 100

200 21.4 16.3 24.5

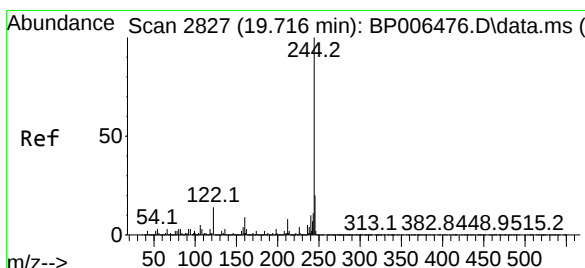
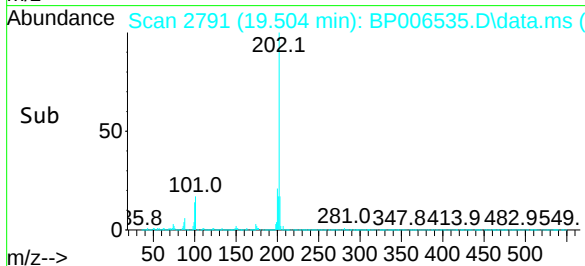
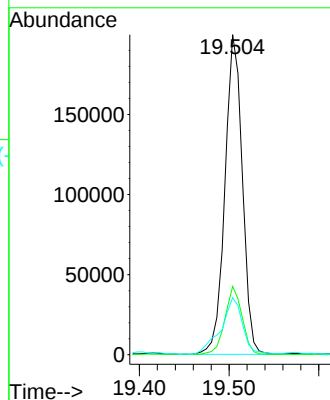
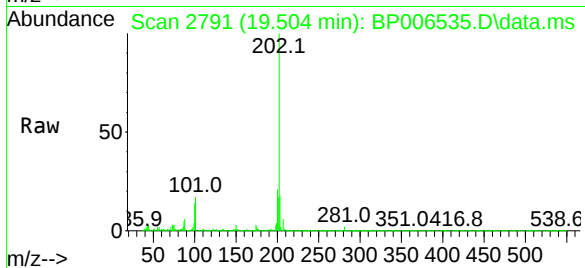
203 17.8 14.2 21.2

Instrument :

BNA_P

ClientSampled :

TP-1



#79

Terphenyl-d14

Concen: 55.089 ng

RT: 19.716 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP006535.D

Acq: 06 Aug 2021 12:38

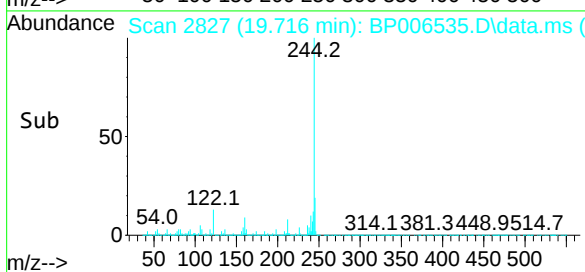
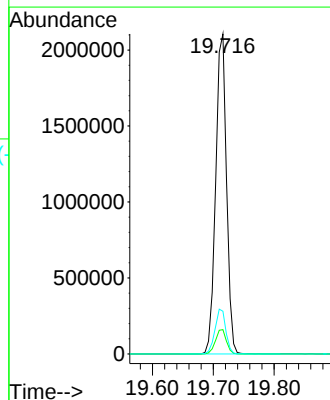
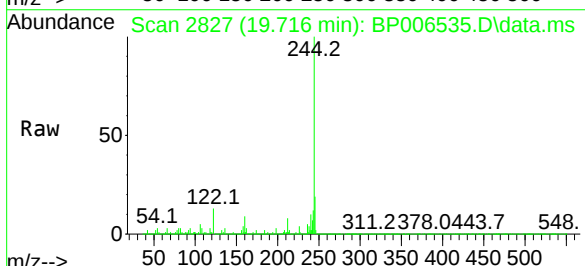
Tgt Ion:244 Resp: 2595474

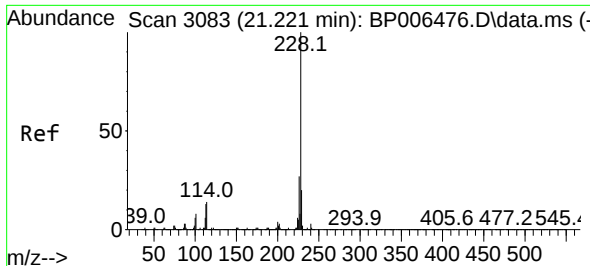
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 13.3 7.1 10.7#

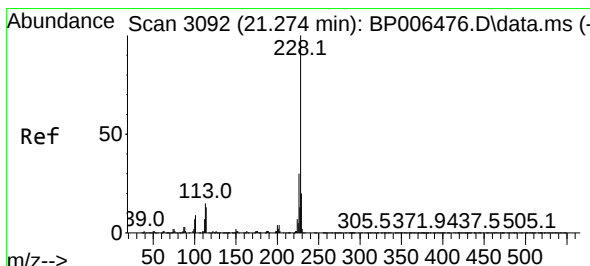
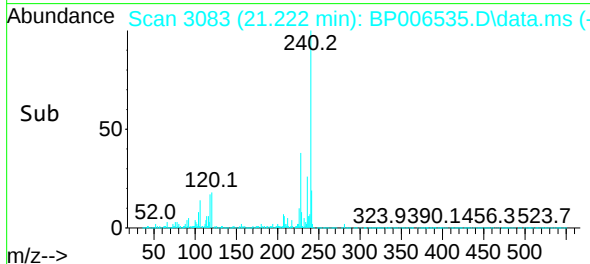
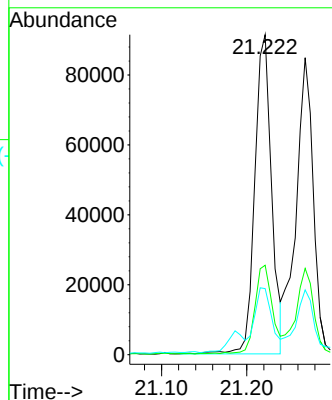
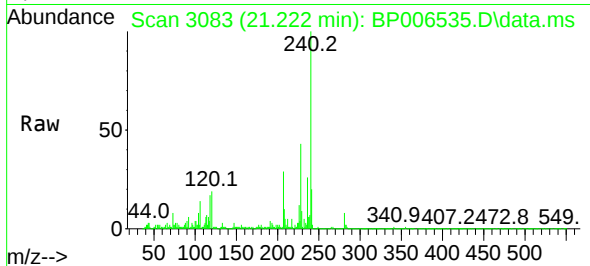




#81
Benzo(a)anthracene
Concen: 2.027 ng
RT: 21.222 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

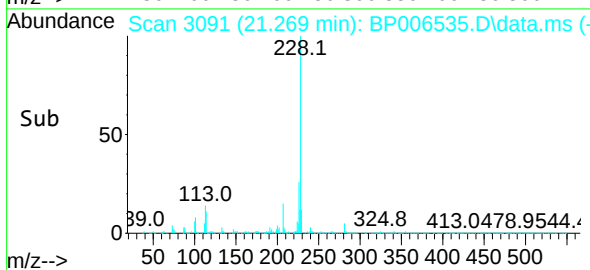
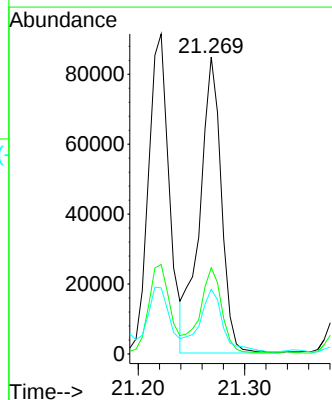
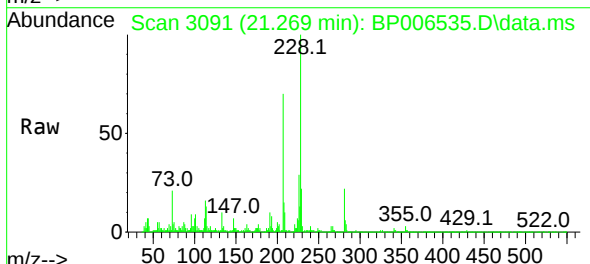
Instrument :
BNA_P
ClientSampleId :
TP-1

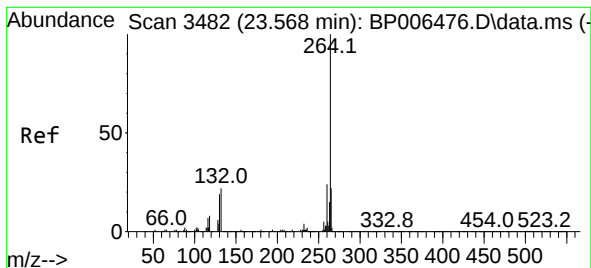
Tgt Ion:228 Resp: 125048
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 20.7 15.8 23.6



#83
Chrysene
Concen: 2.007 ng
RT: 21.269 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Tgt Ion:228 Resp: 120059
Ion Ratio Lower Upper
228 100
226 29.0 23.8 35.6
229 21.8 15.4 23.2

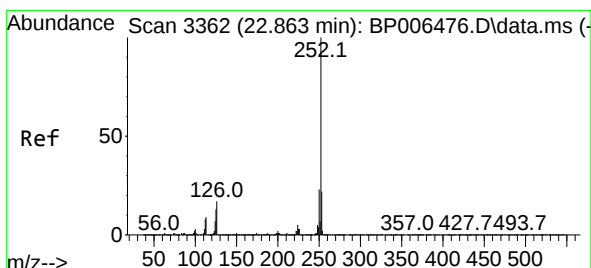
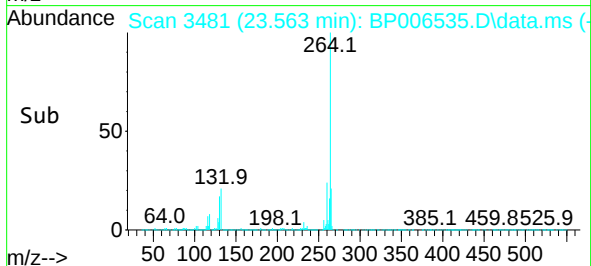
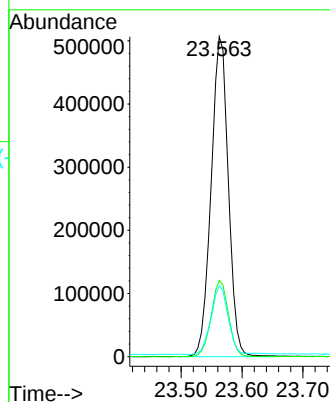
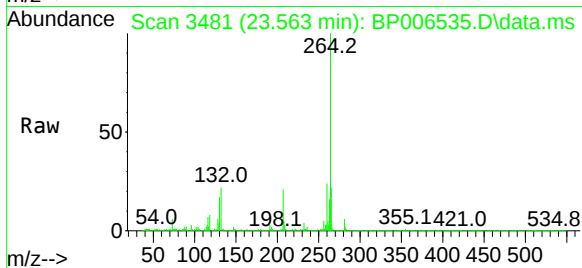




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.563 min Scan# 3481
Delta R.T. -0.006 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

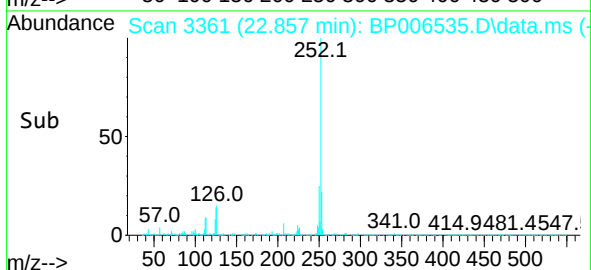
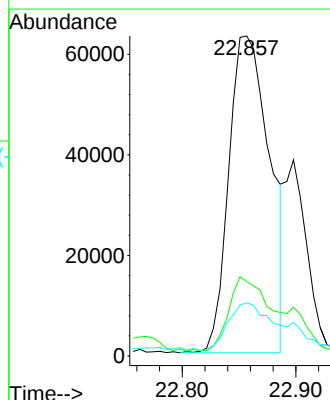
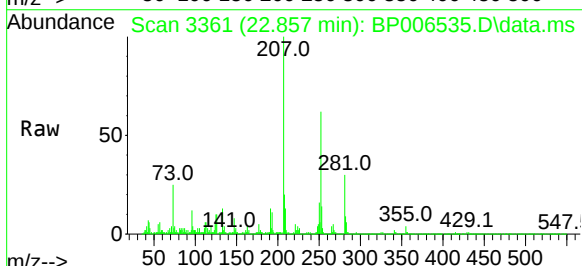
Instrument :
BNA_P
ClientSampled :
TP-1

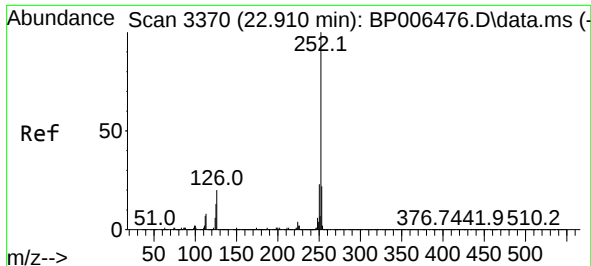
Tgt Ion:264 Resp: 996065
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.1 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.442 ng
RT: 22.857 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Tgt Ion:252 Resp: 158059
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 16.6 6.2 9.4#

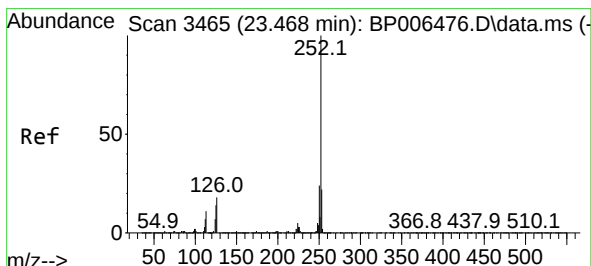
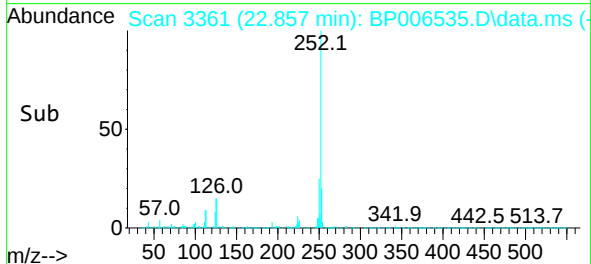
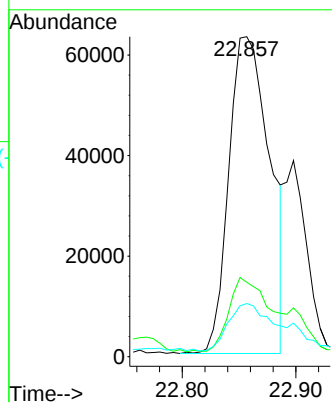
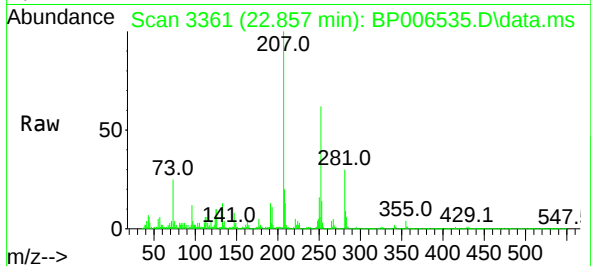




#89
Benzo(k)fluoranthene
Concen: 2.543 ng
RT: 22.857 min Scan# 3361
Delta R.T. -0.053 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Instrument :
BNA_P
ClientSampled :
TP-1

Tgt Ion:252 Resp: 158059
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 16.6 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.088 ng
RT: 23.457 min Scan# 3463
Delta R.T. -0.012 min
Lab File: BP006535.D
Acq: 06 Aug 2021 12:38

Tgt Ion:252 Resp: 121226
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 15.2 6.5 9.7#

