

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082321\
 Data File : BP006839.D
 Acq On : 23 Aug 2021 19:46
 Operator : CG/JU
 Sample : M3397-03DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-07-0205DL

Quant Time: Aug 24 03:14:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 11:39:38 2021
 Response via : Initial Calibration

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

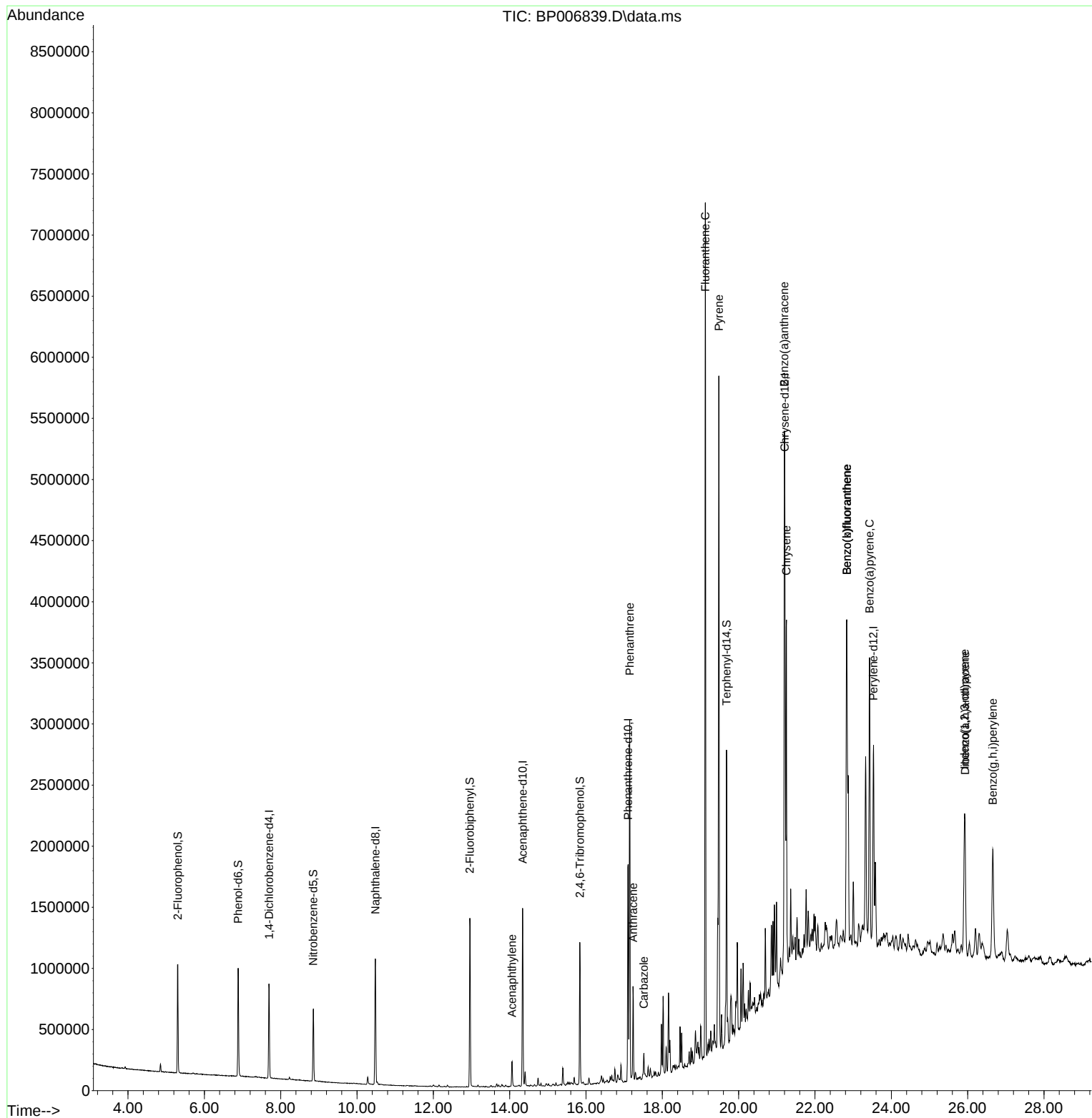
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	202124	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	850605	20.000	ng	# 0.00
39) Acenaphthene-d10	14.340	164	489268	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1000756	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	988053	20.000	ng	# 0.00
86) Perylene-d12	23.533	264	1088326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	395517	30.055	ng	0.00
7) Phenol-d6	6.887	99	510755	27.323	ng	0.00
23) Nitrobenzene-d5	8.852	82	359909	19.530	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	170462	33.336	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	671920	20.547	ng	0.00
79) Terphenyl-d14	19.680	244	980953	19.894	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.063	152	152451	3.315	ng	99
71) Phenanthrene	17.145	178	1645270	29.146	ng	100
72) Anthracene	17.234	178	429547	7.875	ng	99
73) Carbazole	17.516	167	120296	2.162	ng	97
75) Fluoranthene	19.128	202	3650765	57.621	ng	96
78) Pyrene	19.480	202	3126583	47.375	ng	99
81) Benzo(a)anthracene	21.198	228	1790449	27.728	ng	97
83) Chrysene	21.251	228	1432369	22.881	ng	97
87) Indeno(1,2,3-cd)pyrene	25.921	276	1117122	14.156	ng	# 95
88) Benzo(b)fluoranthene	22.833	252	2295903	32.459	ng	# 95
89) Benzo(k)fluoranthene	22.833	252	2295903	33.807	ng	# 95
90) Benzo(a)pyrene	23.427	252	1564893	24.666	ng	# 94
91) Dibenzo(a,h)anthracene	25.933	278	290534	4.258	ng	# 84
92) Benzo(g,h,i)perylene	26.657	276	1063806	16.270	ng	# 92

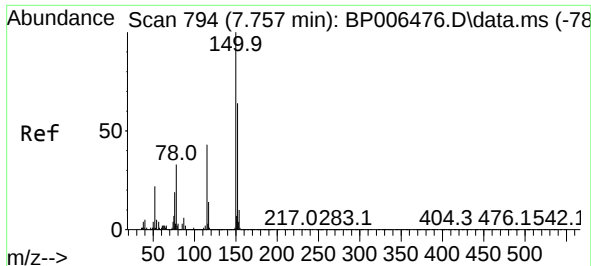
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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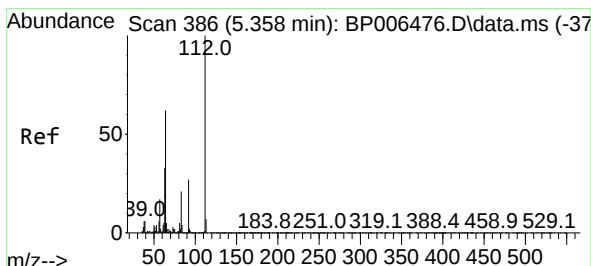
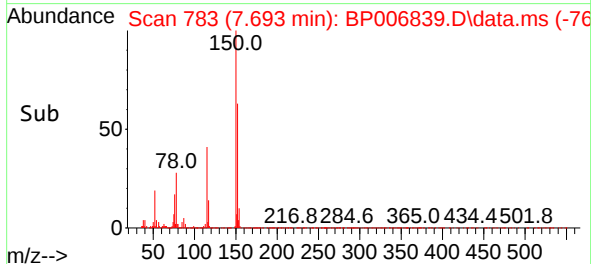
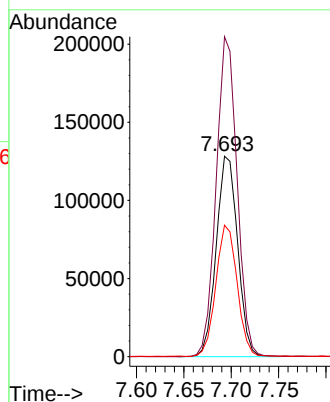
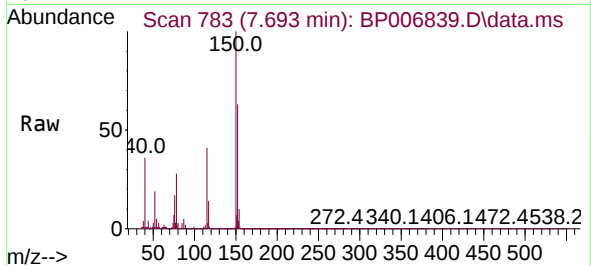




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

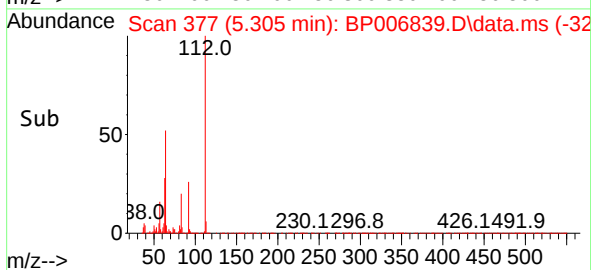
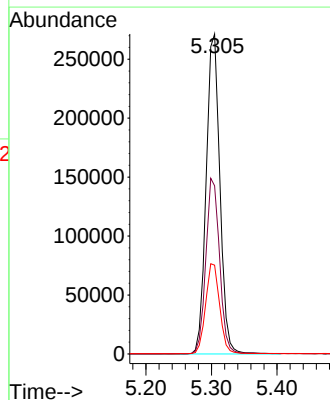
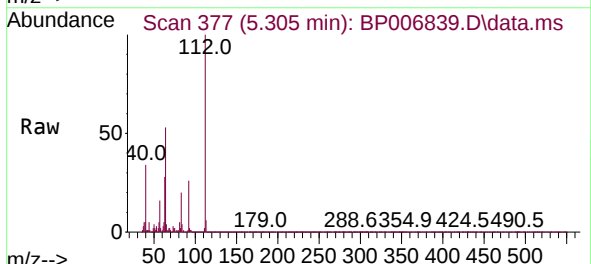
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0205DL

Tgt Ion:152 Resp: 202124
Ion Ratio Lower Upper
152 100
150 159.6 125.6 188.4
115 65.5 48.5 72.7



#5
2-Fluorophenol
Concen: 30.055 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.006 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:112 Resp: 395517
Ion Ratio Lower Upper
112 100
64 52.5 41.4 62.2
63 27.7 23.8 35.8

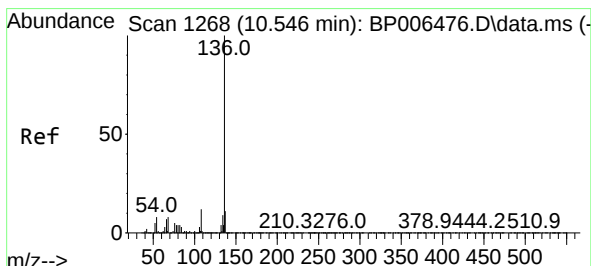
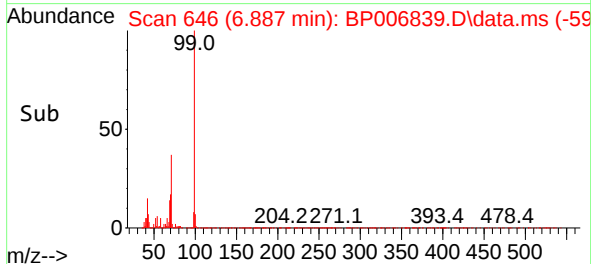
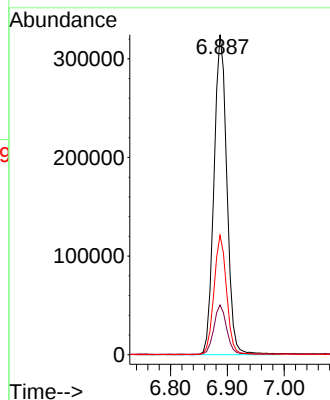
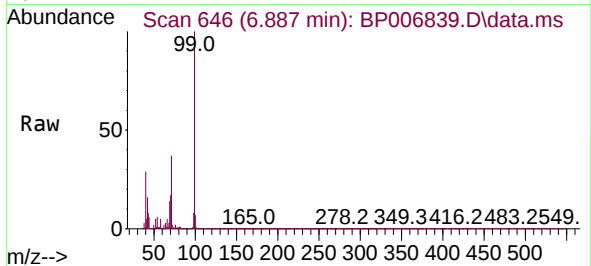




#7
Phenol-d6
Concen: 27.323 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.000 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

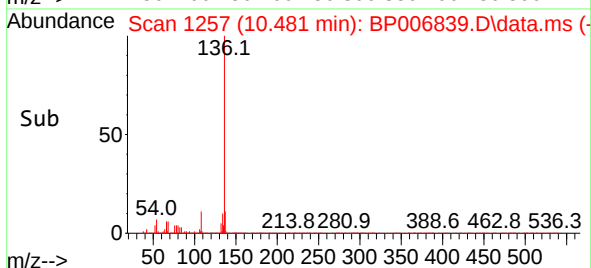
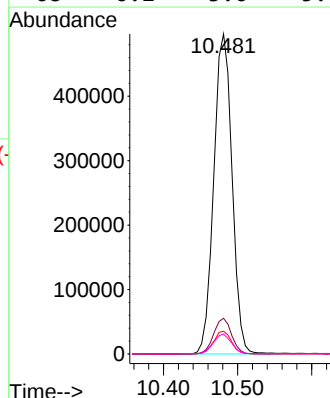
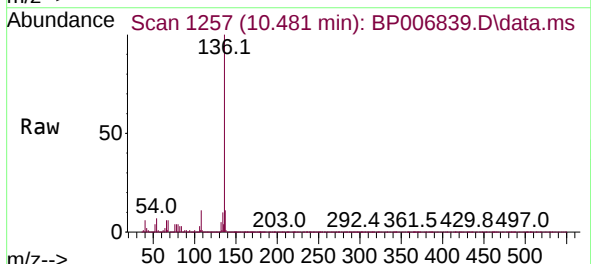
Instrument :
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ClientSampleId :
SWCS-07-0205DL

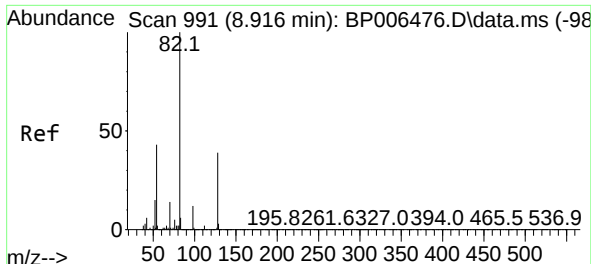
Tgt Ion:	99	Resp:	510755
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.4	20.0
71	37.3	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:	136	Resp:	850605
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.1	4.6	6.8#
68	6.2	3.6	5.4#

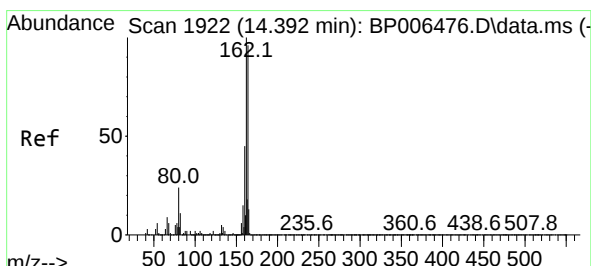
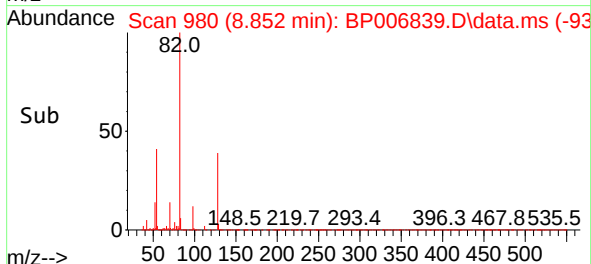
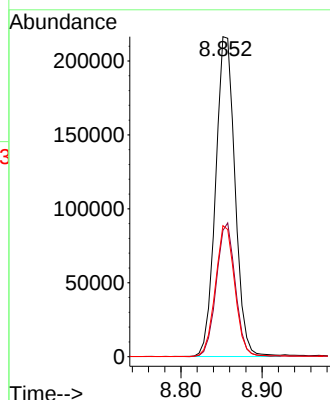
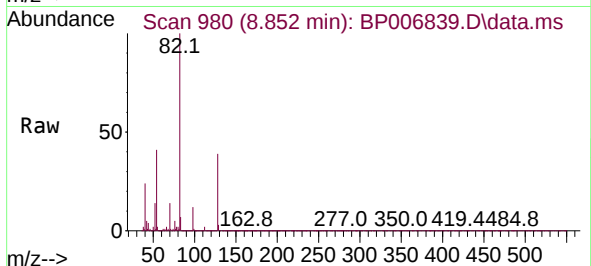




#23
Nitrobenzene-d5
Concen: 19.530 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

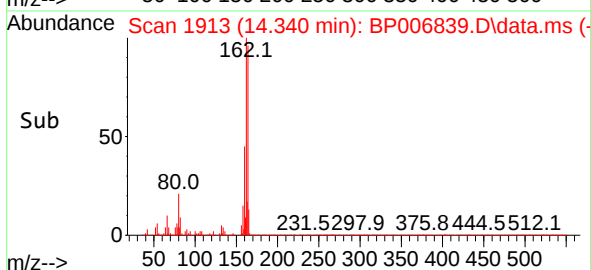
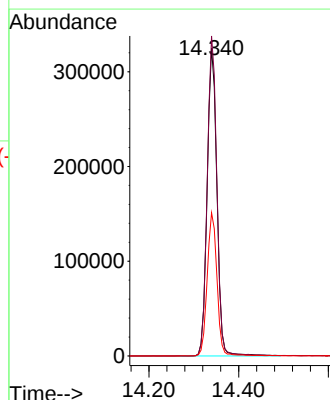
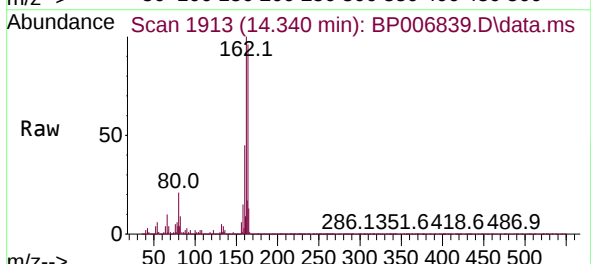
Instrument :
BNA_P
ClientSampleId :
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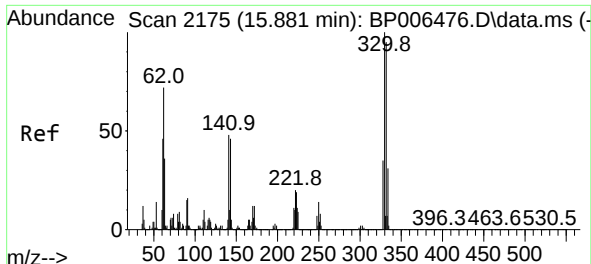
Tgt Ion:	82	Resp:	359909
Ion	Ratio	Lower	Upper
82	100		
128	39.5	35.7	53.5
54	41.0	35.0	52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:	164	Resp:	489268
Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.2	120.2
160	46.5	34.5	51.7

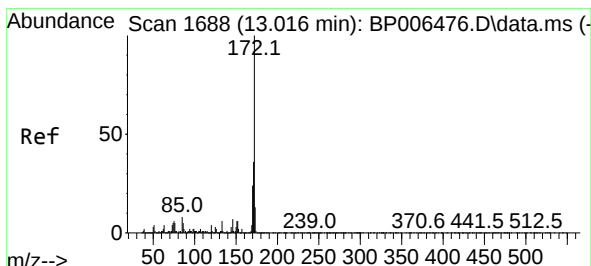
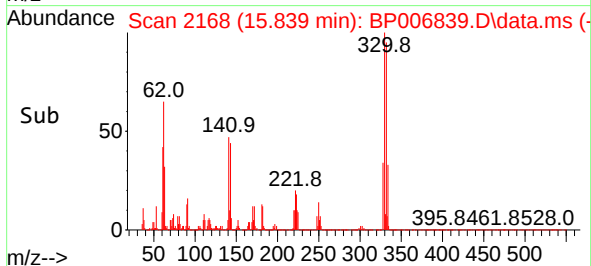
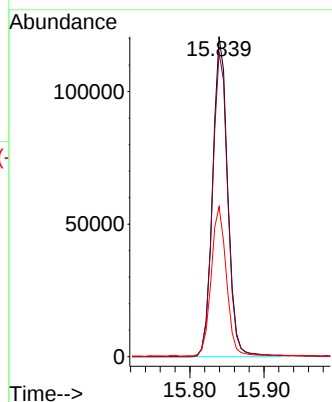
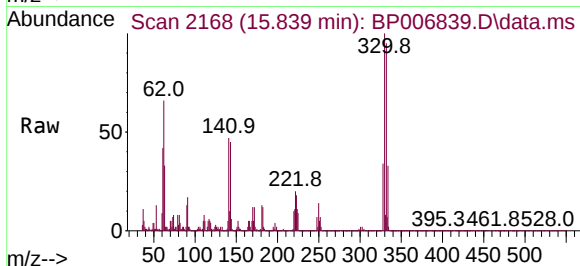




#42
2,4,6-Tribromophenol
Concen: 33.336 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

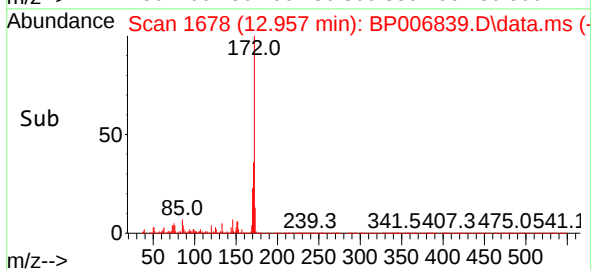
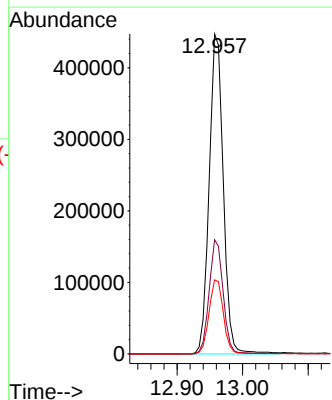
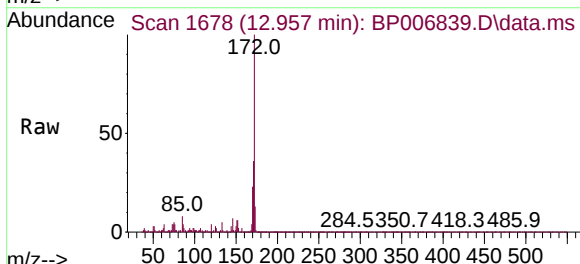
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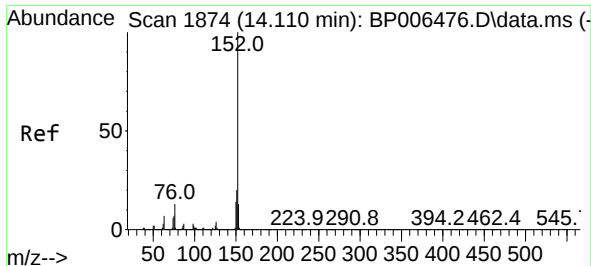
Tgt Ion:330 Resp: 170462
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 46.7 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 20.547 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:172 Resp: 671920
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.1 18.6 27.8

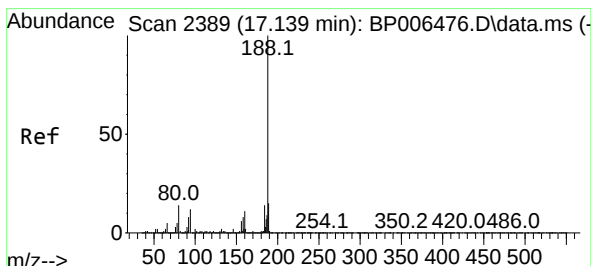
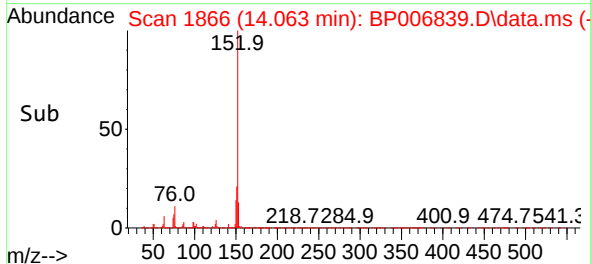
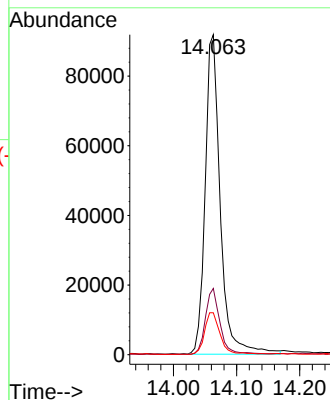
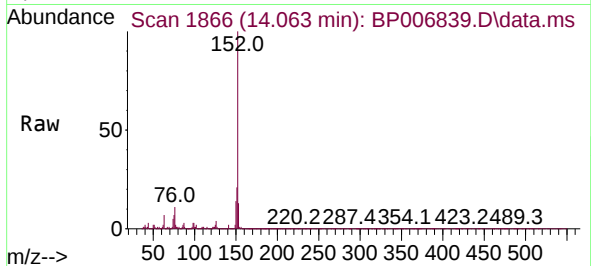




#49
Acenaphthylene
Concen: 3.315 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

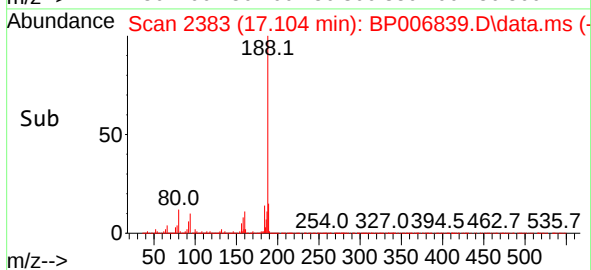
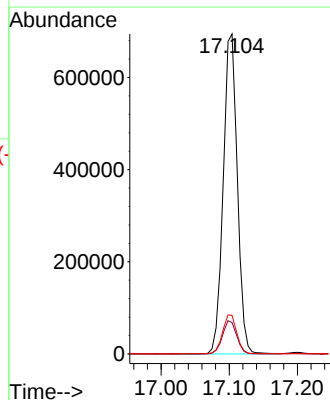
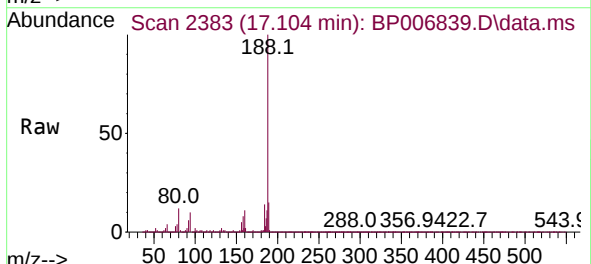
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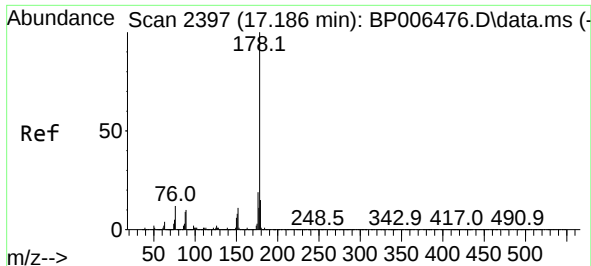
Tgt Ion:152 Resp: 152451
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.1 10.6 16.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:188 Resp: 1000756
Ion Ratio Lower Upper
188 100
94 9.8 5.6 8.4#
80 12.1 6.3 9.5#

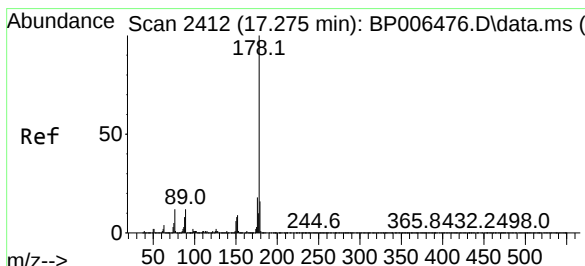
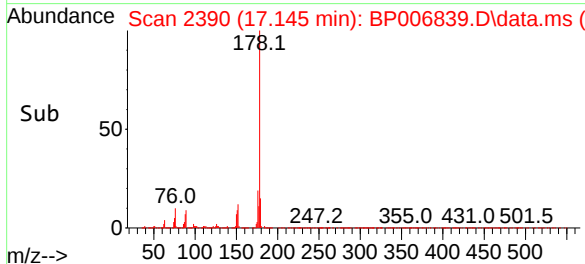
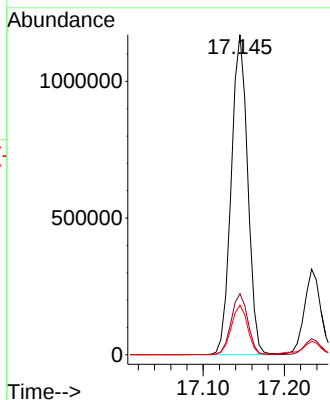
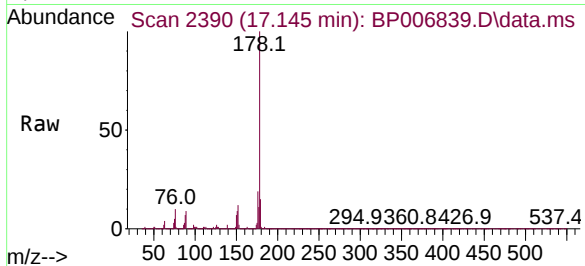




#71
Phenanthrene
Concen: 29.146 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

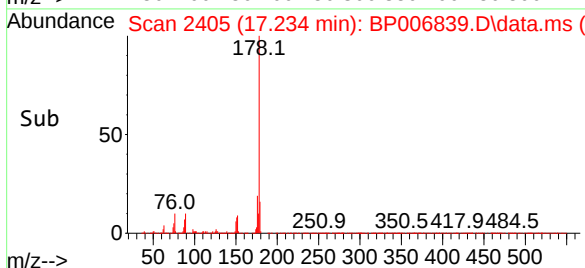
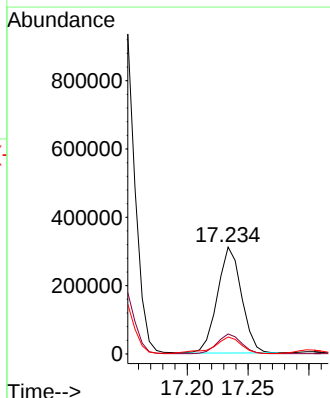
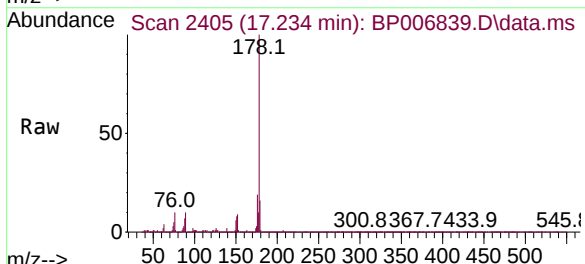
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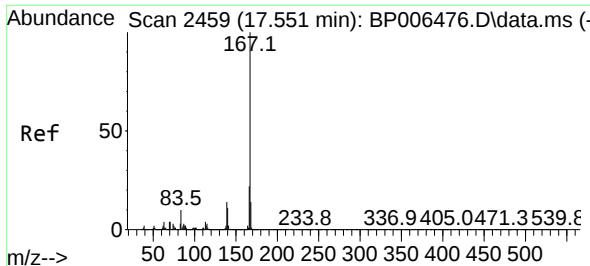
Tgt Ion:178 Resp: 1645270
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.4 18.6



#72
Anthracene
Concen: 7.875 ng
RT: 17.234 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:178 Resp: 429547
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.8 12.2 18.2

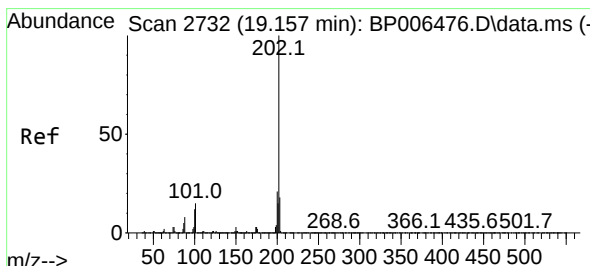
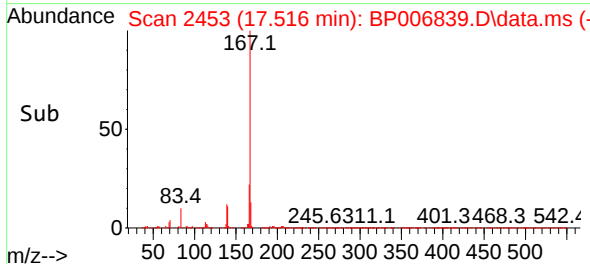
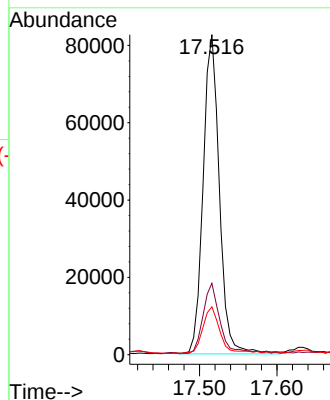
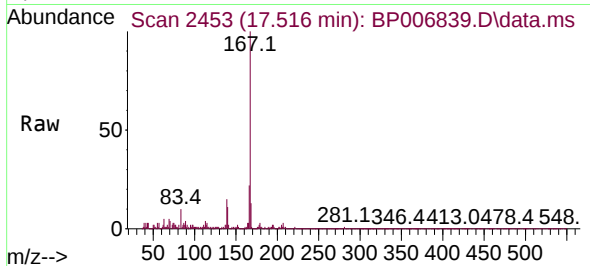




#73
 Carbazole
 Concen: 2.162 ng
 RT: 17.516 min Scan# 2453
 Delta R.T. -0.006 min
 Lab File: BP006839.D
 Acq: 23 Aug 2021 19:46

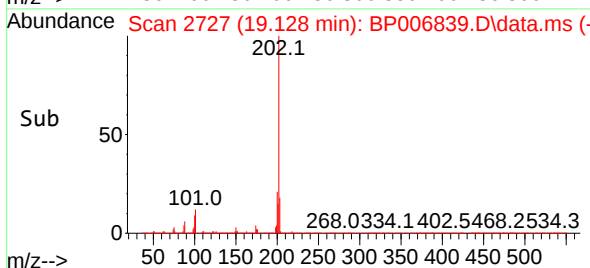
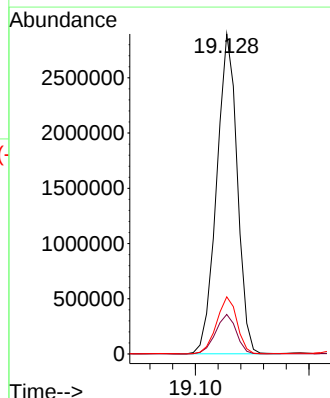
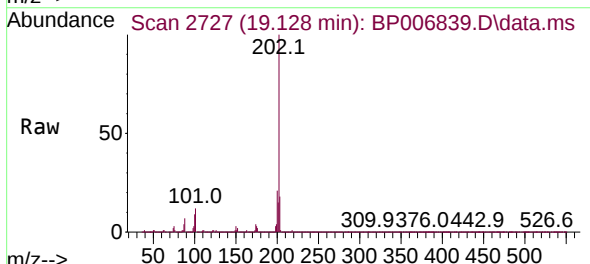
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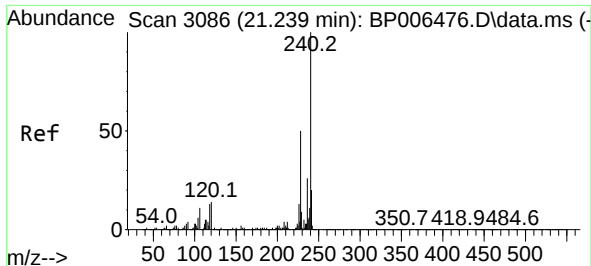
Tgt Ion:167 Resp: 120296
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.1 25.7
 139 14.9 10.7 16.1



#75
 Fluoranthene
 Concen: 57.621 ng
 RT: 19.128 min Scan# 2727
 Delta R.T. -0.000 min
 Lab File: BP006839.D
 Acq: 23 Aug 2021 19:46

Tgt Ion:202 Resp: 3650765
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 27.6
 203 17.9 0.0 37.8

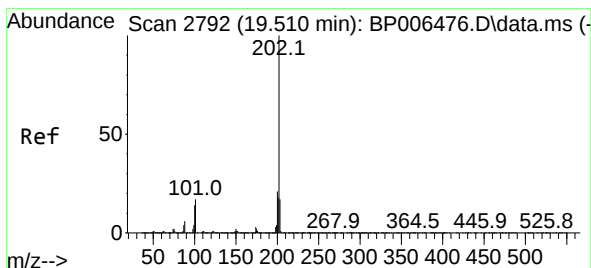
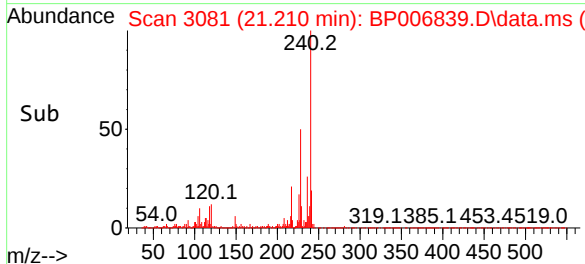
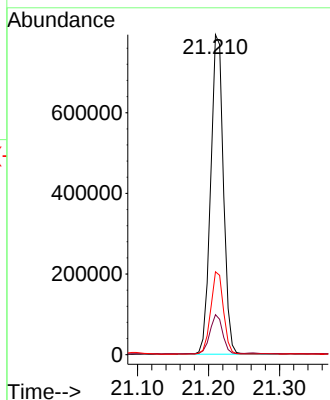
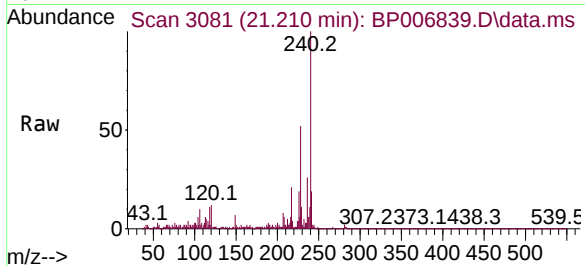




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

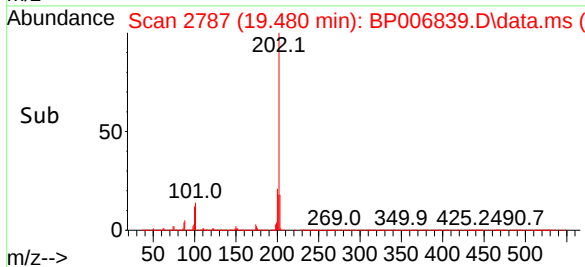
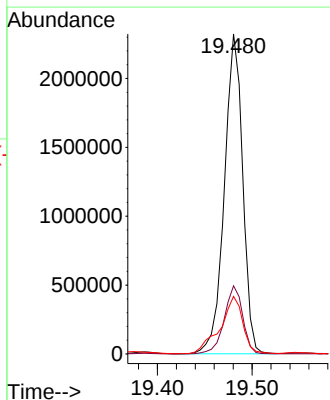
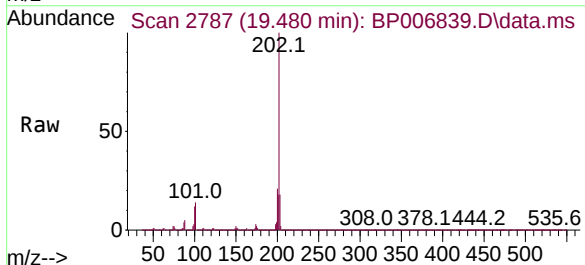
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0205DL

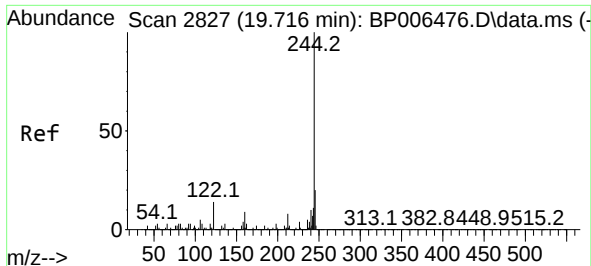
Tgt Ion:240 Resp: 988053
Ion Ratio Lower Upper
240 100
120 12.5 6.5 9.7#
236 25.9 20.6 31.0



#78
Pyrene
Concen: 47.375 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:202 Resp: 3126583
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 18.0 14.2 21.2

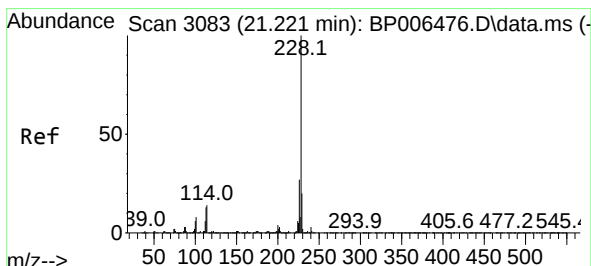
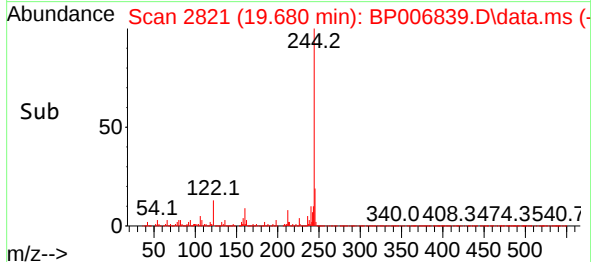
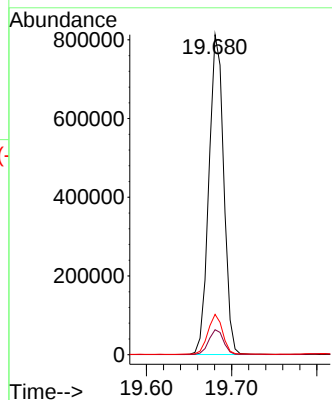
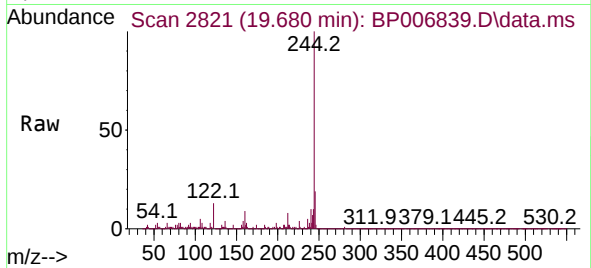




#79
Terphenyl-d14
Concen: 19.894 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

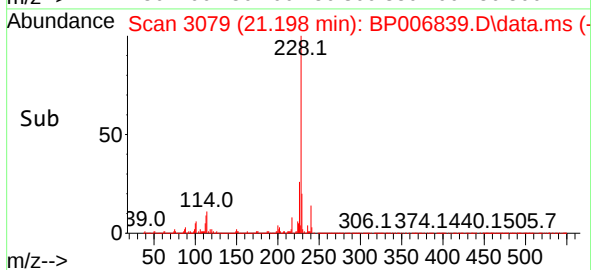
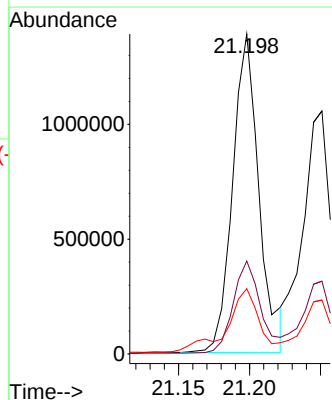
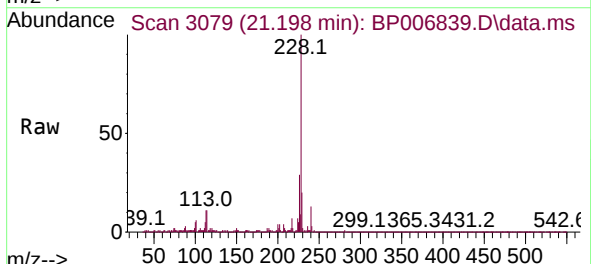
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0205DL

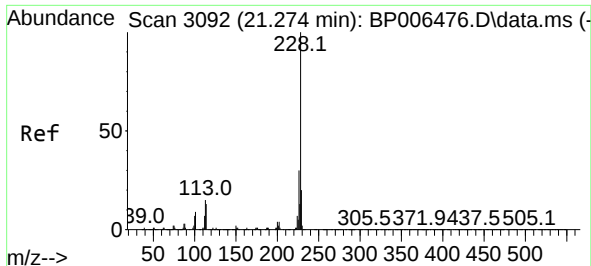
Tgt Ion:244 Resp: 980953
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 12.6 7.1 10.7#



#81
Benzo(a)anthracene
Concen: 27.728 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:228 Resp: 1790449
Ion Ratio Lower Upper
228 100
226 29.0 21.6 32.4
229 20.4 15.8 23.6

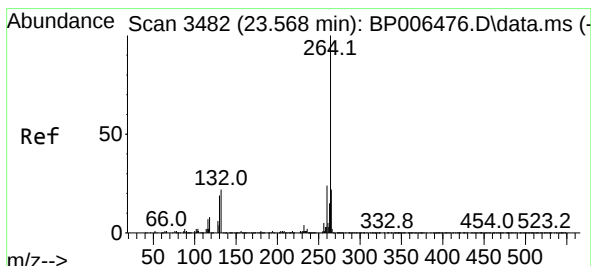
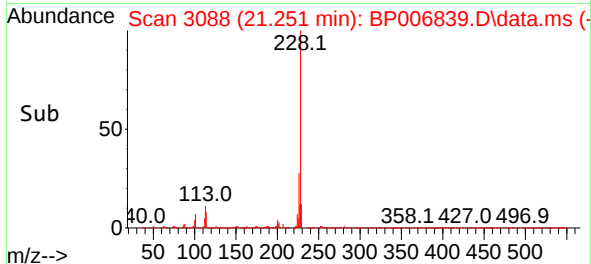
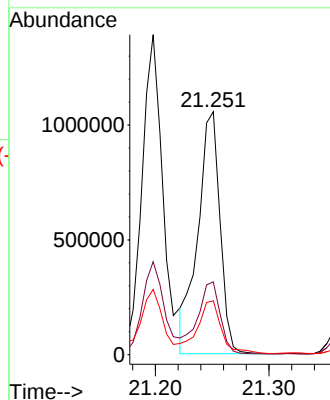
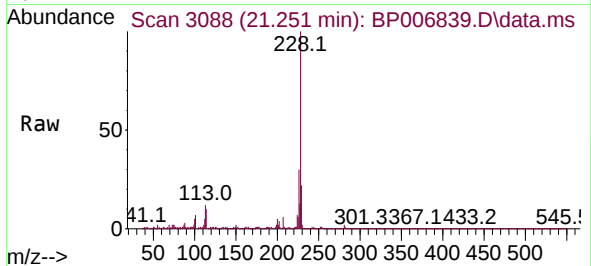




#83
Chrysene
Concen: 22.881 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

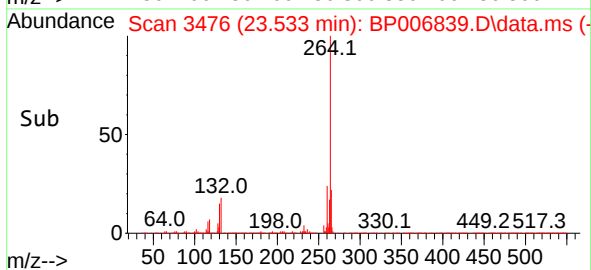
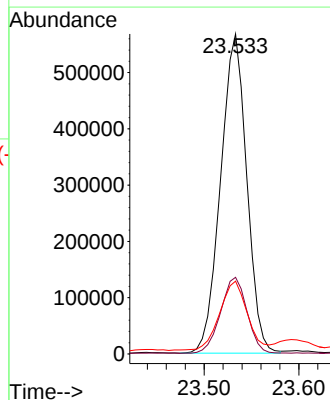
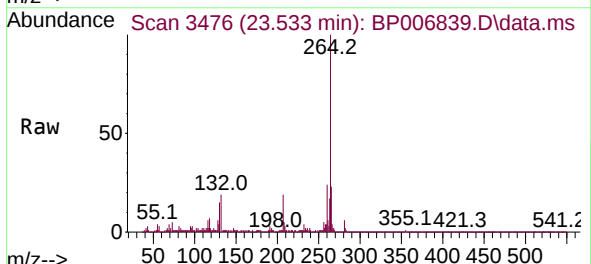
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0205DL

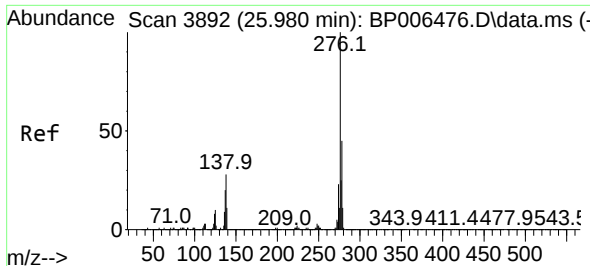
Tgt Ion:228 Resp: 1432369
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 22.2 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.533 min Scan# 3476
Delta R.T. -0.000 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:264 Resp: 1088326
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.8 17.6 26.4

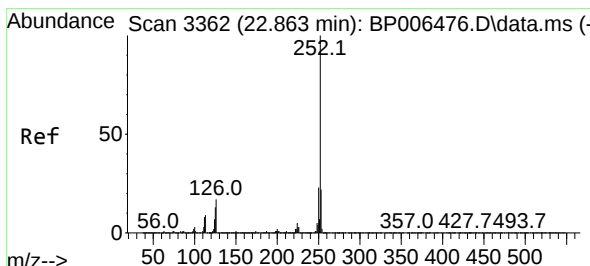
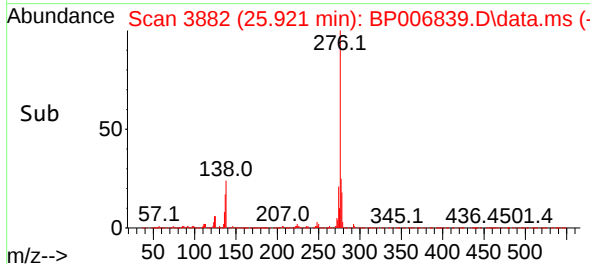
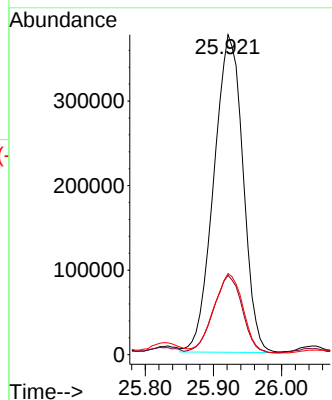
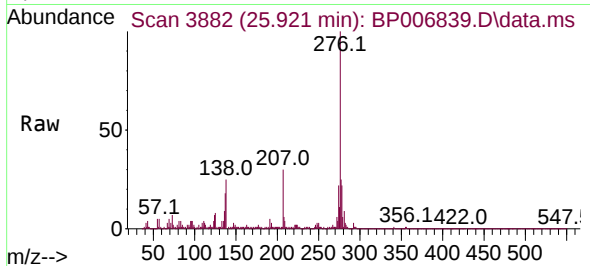




#87
Indeno(1,2,3-cd)pyrene
Concen: 14.156 ng
RT: 25.921 min Scan# 3882
Delta R.T. -0.018 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

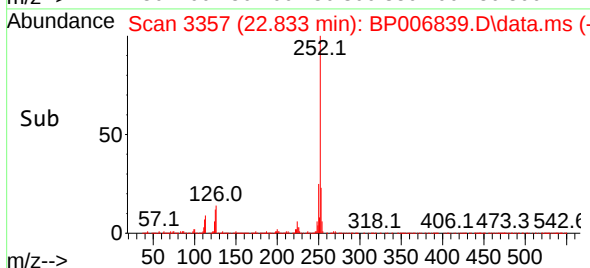
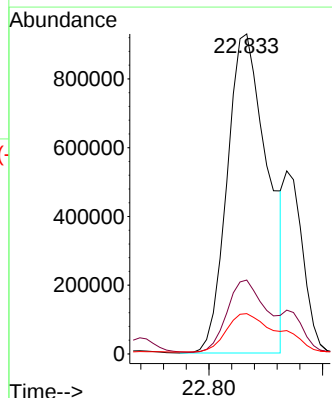
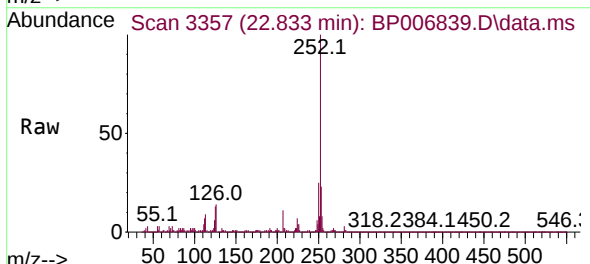
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0205DL

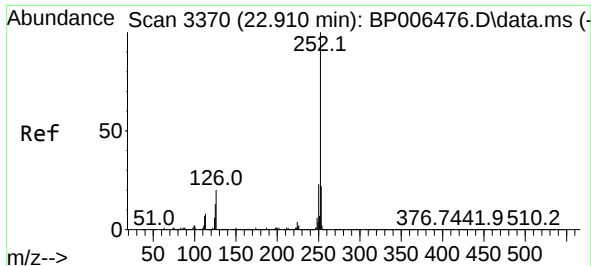
Tgt Ion:276 Resp: 1117122
Ion Ratio Lower Upper
276 100
138 24.0 15.3 22.9#
277 25.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 32.459 ng
RT: 22.833 min Scan# 3357
Delta R.T. -0.000 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:252 Resp: 2295903
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 12.6 6.2 9.4#

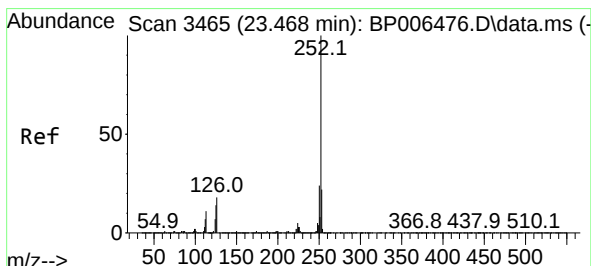
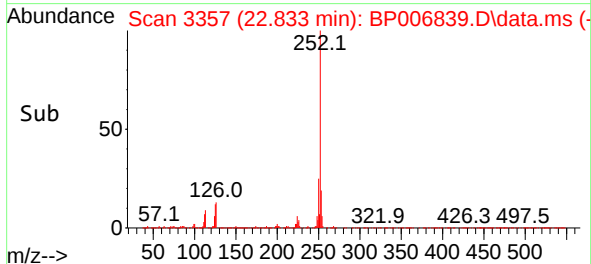
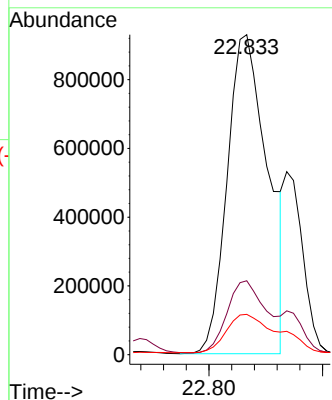
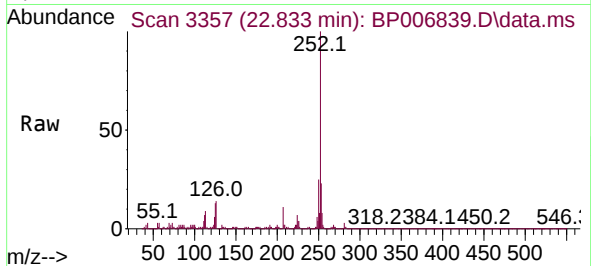




#89
Benzo(k)fluoranthene
Concen: 33.807 ng
RT: 22.833 min Scan# 3357
Delta R.T. -0.047 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

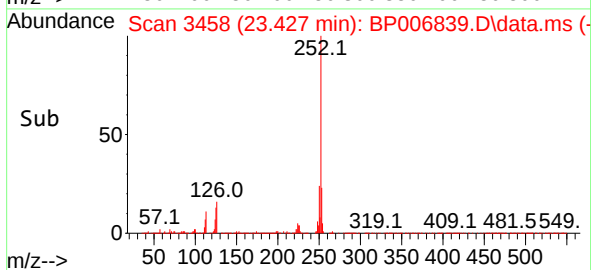
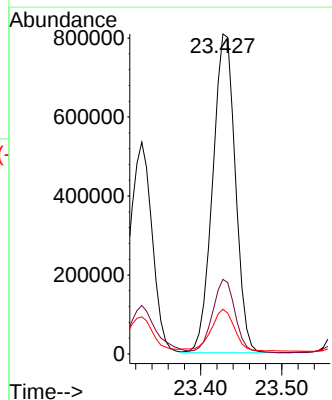
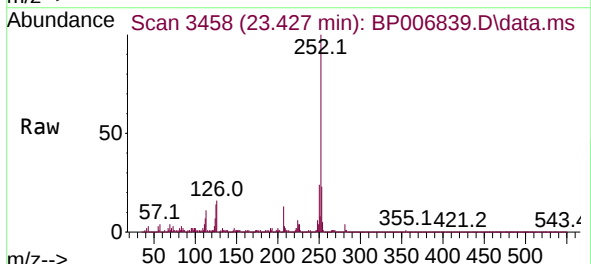
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0205DL

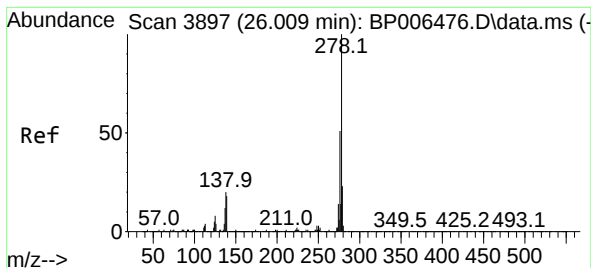
Tgt Ion:252 Resp: 2295903
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 12.6 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 24.666 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP006839.D
Acq: 23 Aug 2021 19:46

Tgt Ion:252 Resp: 1564893
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 14.0 6.5 9.7#





#91

Dibenzo(a,h)anthracene

Concen: 4.258 ng

RT: 25.933 min Scan# 3884

Delta R.T. -0.018 min

Lab File: BP006839.D

Acq: 23 Aug 2021 19:46

Instrument :

BNA_P

ClientSampleId :

SWCS-07-0205DL

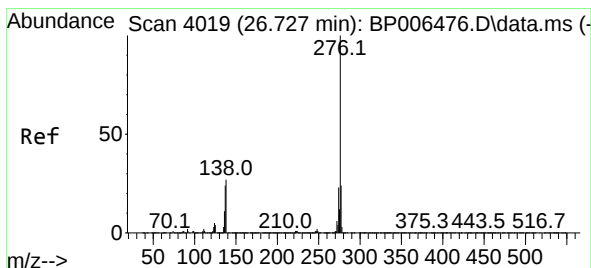
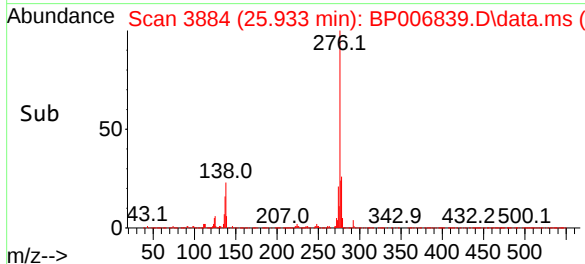
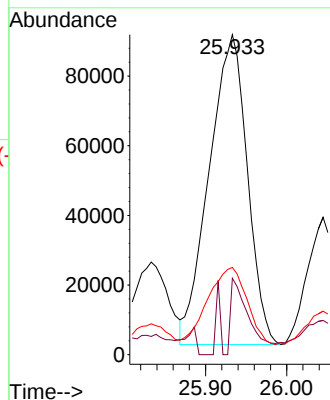
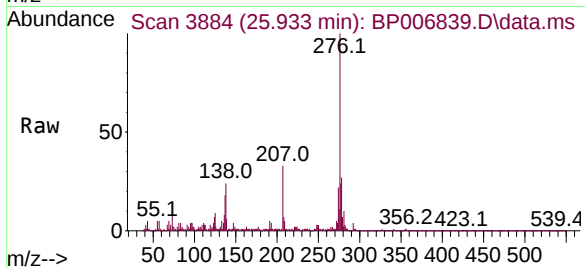
Tgt Ion:278 Resp: 290534

Ion Ratio Lower Upper

278 100

139 23.9 9.3 13.9#

279 27.2 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 16.270 ng

RT: 26.657 min Scan# 4007

Delta R.T. -0.012 min

Lab File: BP006839.D

Acq: 23 Aug 2021 19:46

Tgt Ion:276 Resp: 1063806

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 23.4 12.6 18.8#

