

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006820.D
 Acq On : 21 Aug 2021 02:36
 Operator : CG/JU
 Sample : M3434-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-11-0002

Quant Time: Aug 21 04:01:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 20 11:25:25 2021
 Response via : Initial Calibration

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

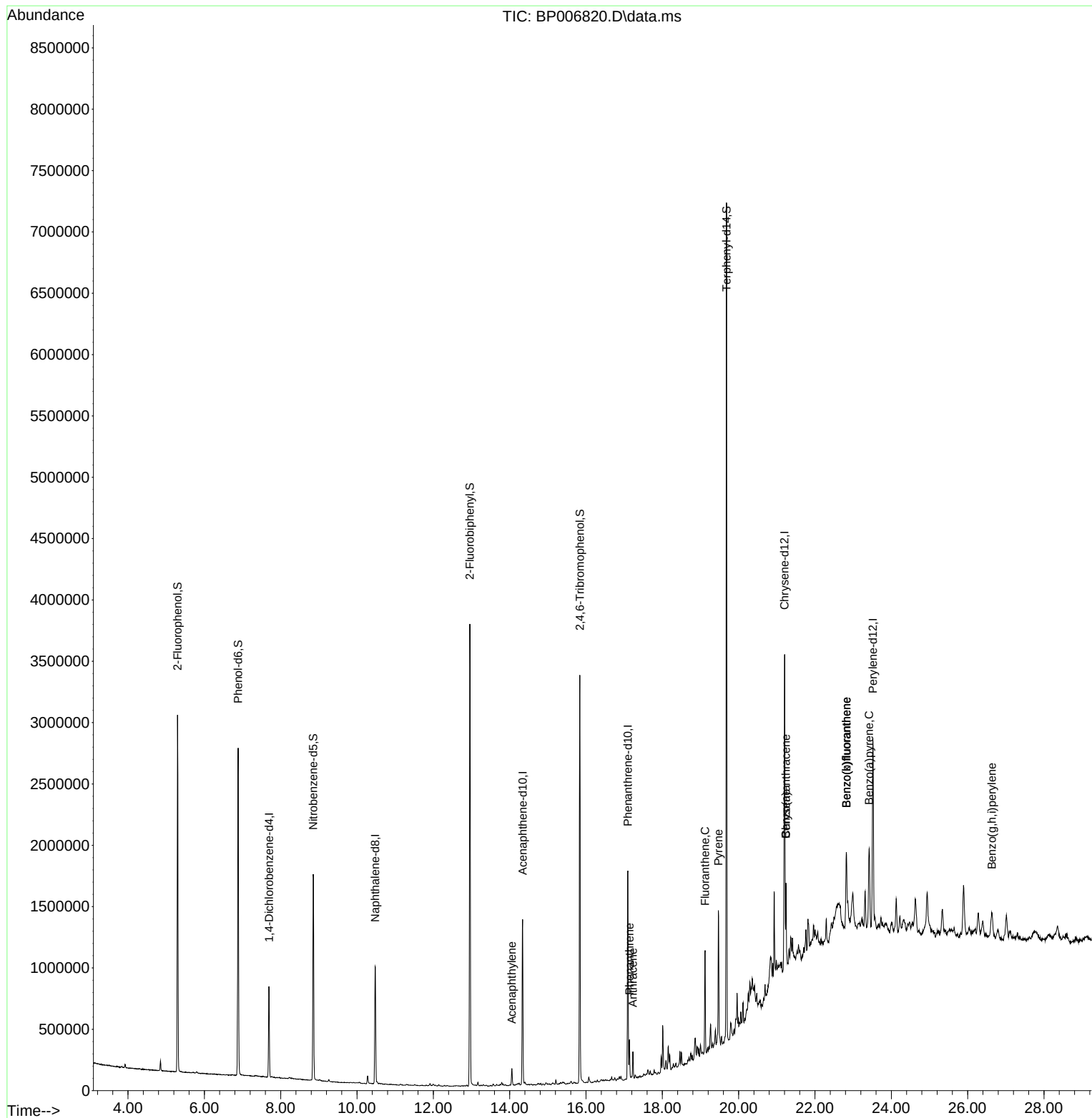
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	191731	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	787911	20.000	ng	# 0.00
39) Acenaphthene-d10	14.339	164	455641	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	962695	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	941973	20.000	ng	# 0.00
86) Perylene-d12	23.515	264	1015078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1221905	97.886	ng	0.00
7) Phenol-d6	6.887	99	1500562	84.623	ng	0.00
23) Nitrobenzene-d5	8.851	82	1016331	59.539	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	537254	112.822	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1797893	59.035	ng	0.00
79) Terphenyl-d14	19.680	244	2758684	58.683	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.057	152	100047	2.336	ng	99
71) Phenanthrene	17.139	178	172455	3.176	ng	99
72) Anthracene	17.227	178	120837	2.303	ng	99
75) Fluoranthene	19.121	202	454662	7.460	ng	96
78) Pyrene	19.468	202	593251	9.429	ng	99
81) Benzo(a)anthracene	21.239	228	353217	5.738	ng	94
83) Chrysene	21.239	228	353217	5.918	ng	97
88) Benzo(b)fluoranthene	22.821	252	547457	8.298	ng	# 91
89) Benzo(k)fluoranthene	22.821	252	547457	8.643	ng	# 91
90) Benzo(a)pyrene	23.415	252	318523	5.383	ng	# 92
92) Benzo(g,h,i)perylene	26.633	276	231409	3.795	ng	# 89

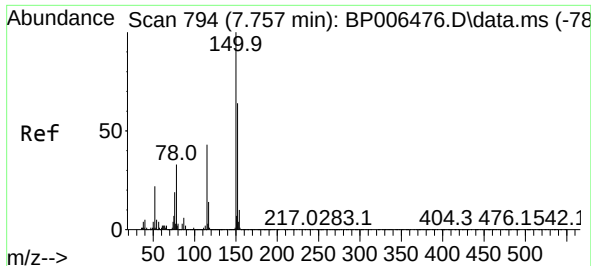
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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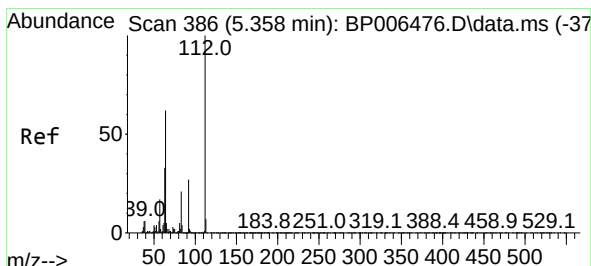
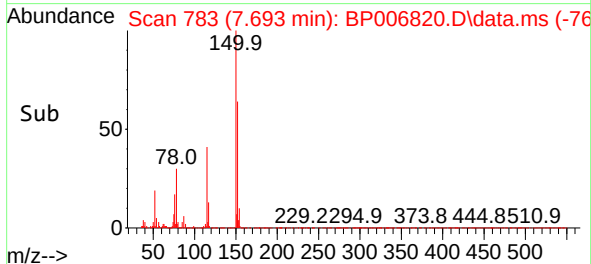
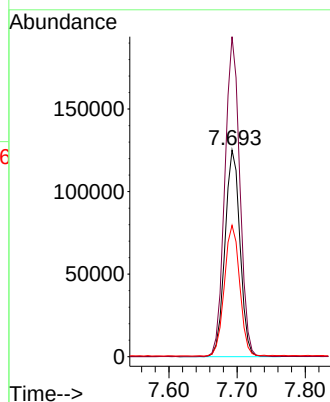
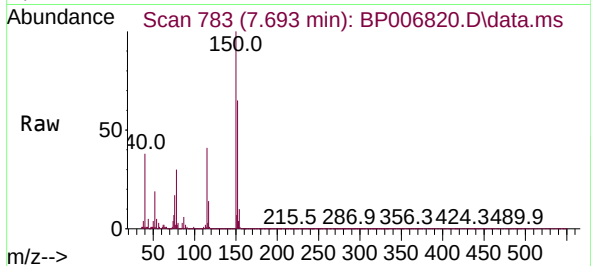




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

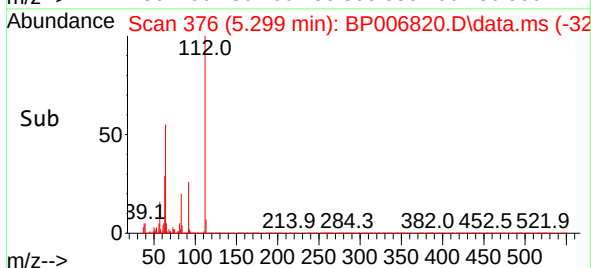
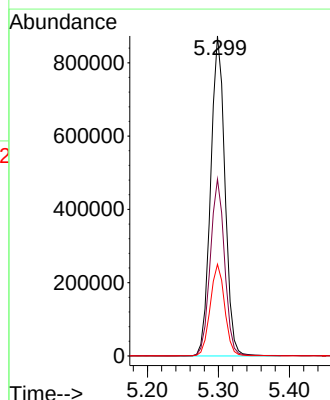
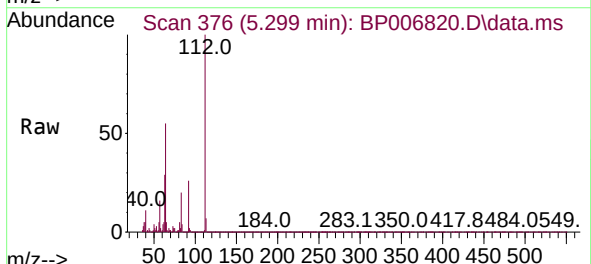
Instrument :
BNA_P
ClientSampleId :
SWCS-11-0002

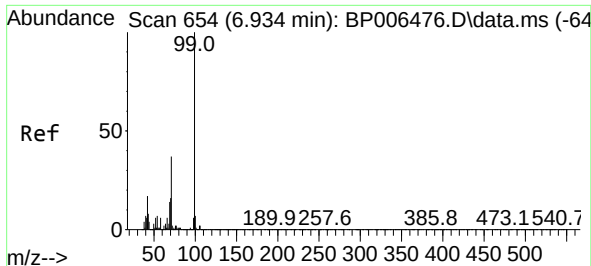
Tgt Ion:152 Resp: 191731
Ion Ratio Lower Upper
152 100
150 154.9 125.6 188.4
115 63.6 48.5 72.7



#5
2-Fluorophenol
Concen: 97.886 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:112 Resp: 1221905
Ion Ratio Lower Upper
112 100
64 55.2 41.4 62.2
63 28.6 23.8 35.8

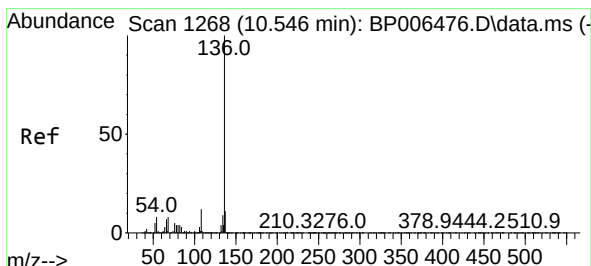
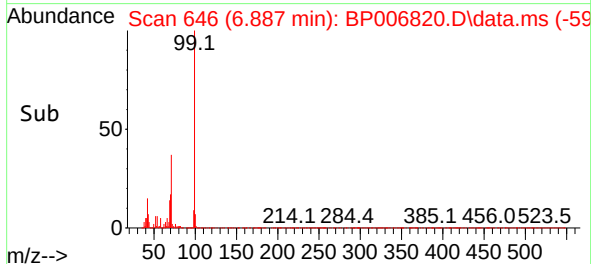
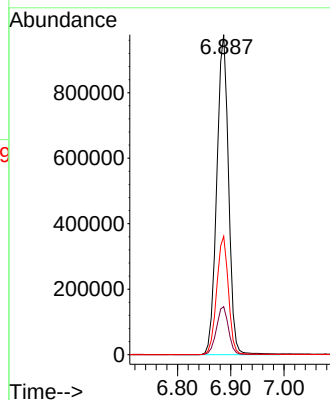
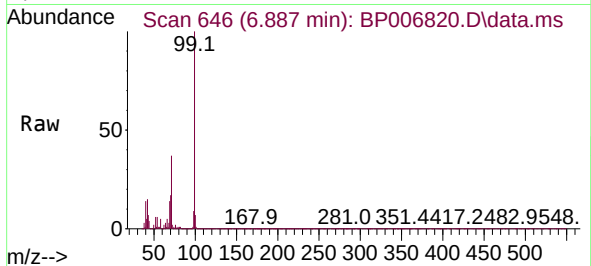




#7
Phenol-d6
Concen: 84.623 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

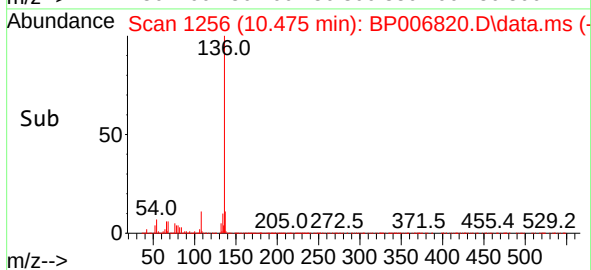
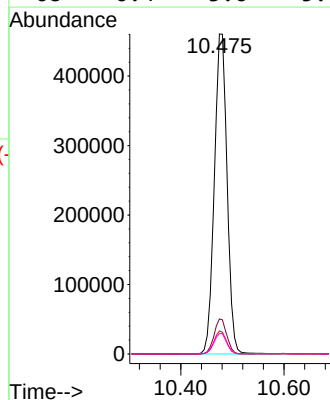
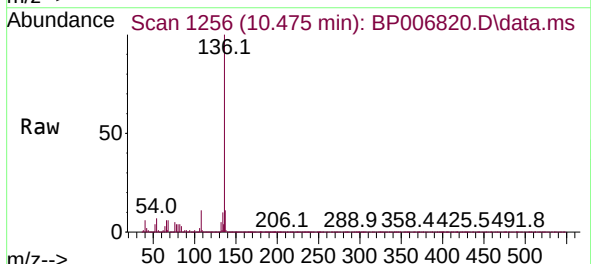
Instrument :
BNA_P
ClientSampleId :
SWCS-11-0002

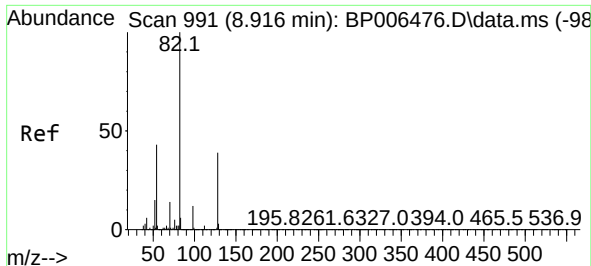
Tgt Ion: 99 Resp: 1500562
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 37.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion: 136 Resp: 787911
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 4.6 6.8#
68 6.4 3.6 5.4#

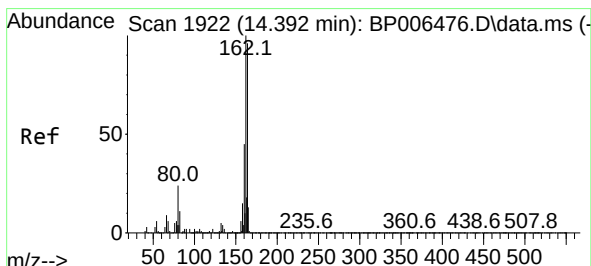
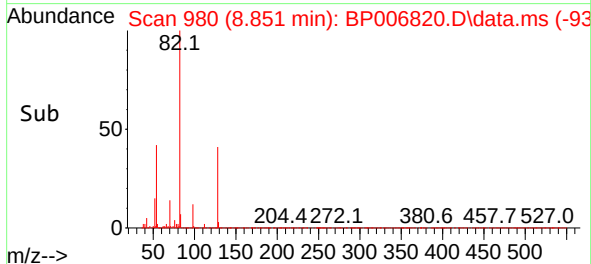
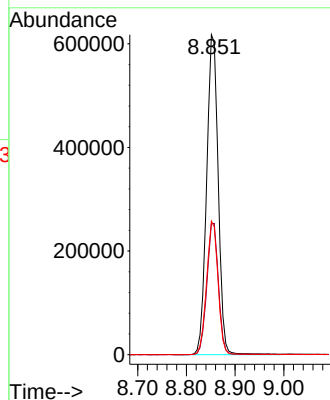
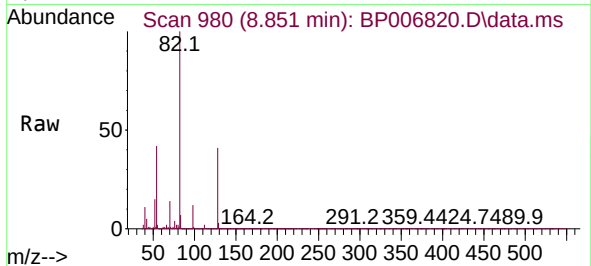




#23
Nitrobenzene-d5
Concen: 59.539 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

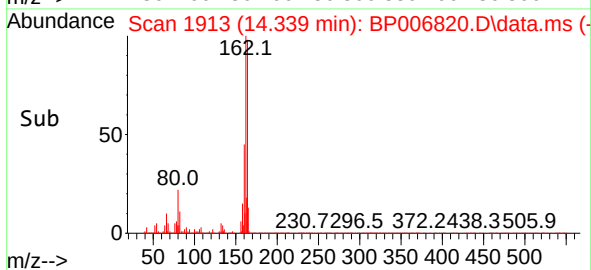
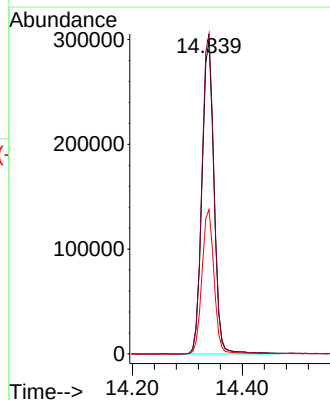
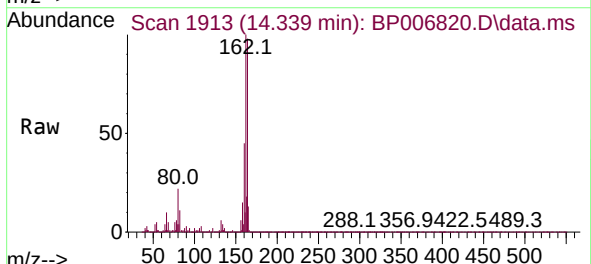
Instrument :
BNA_P
ClientSampleId :
SWCS-11-0002

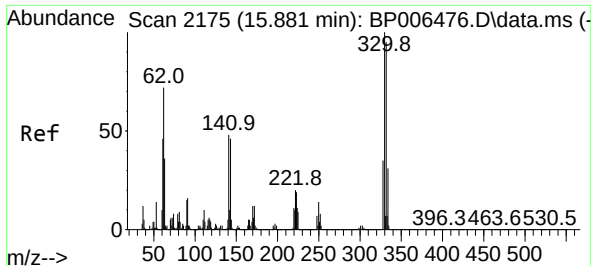
Tgt Ion: 82 Resp: 1016331
Ion Ratio Lower Upper
82 100
128 40.9 35.7 53.5
54 41.7 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:164 Resp: 455641
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 46.1 34.5 51.7

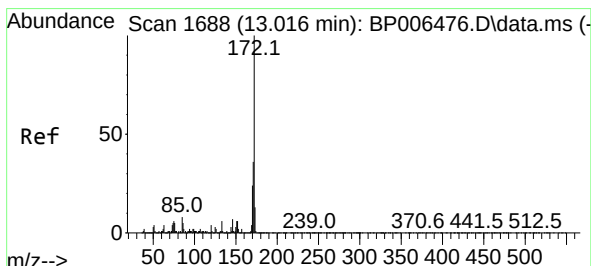
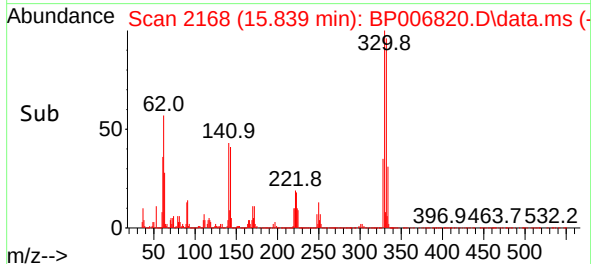
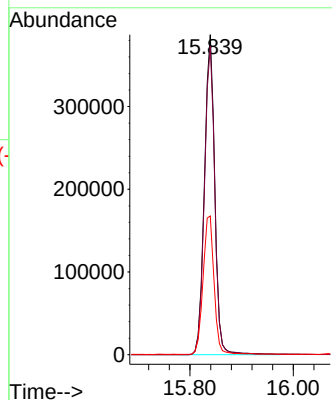
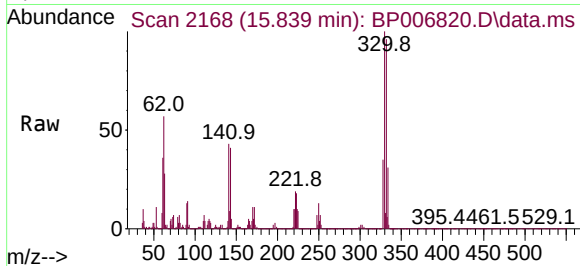




#42
2,4,6-Tribromophenol
Concen: 112.822 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

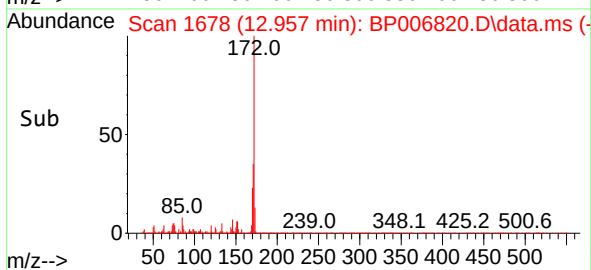
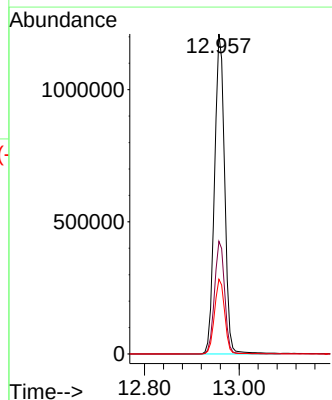
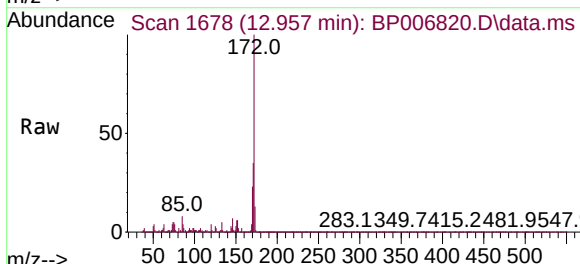
Instrument :
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ClientSampleId :
SWCS-11-0002

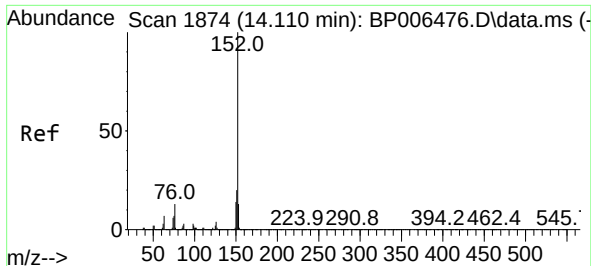
Tgt Ion:330 Resp: 537254
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 45.9 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 59.035 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:172 Resp: 1797893
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.3 18.6 27.8

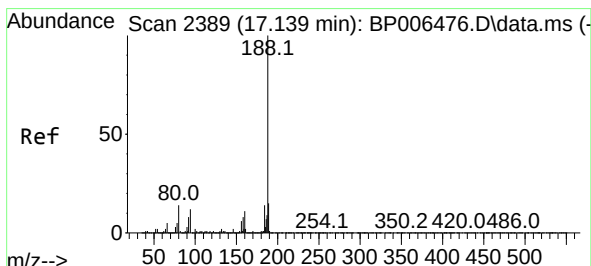
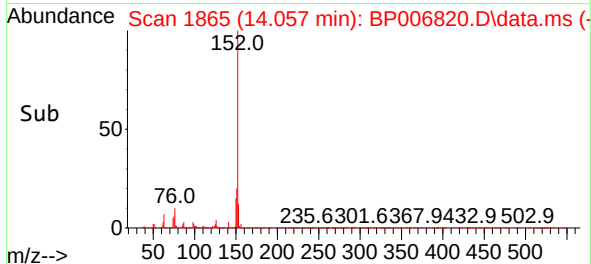
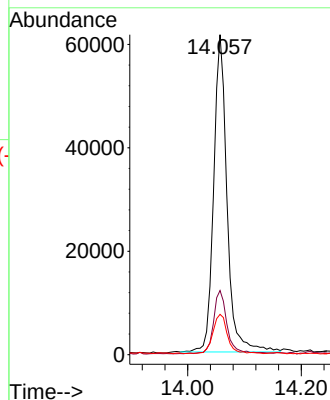
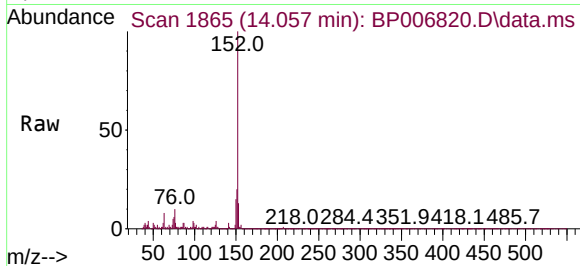




#49
Acenaphthylene
Concen: 2.336 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

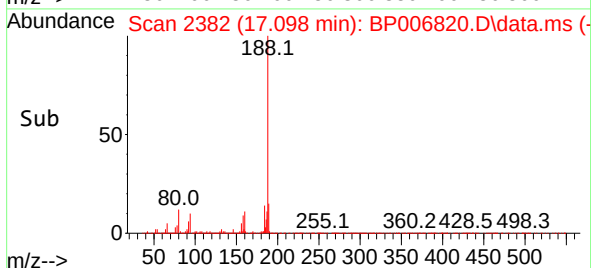
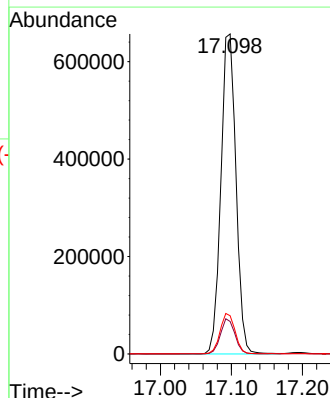
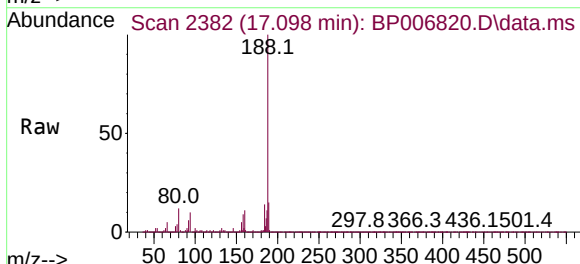
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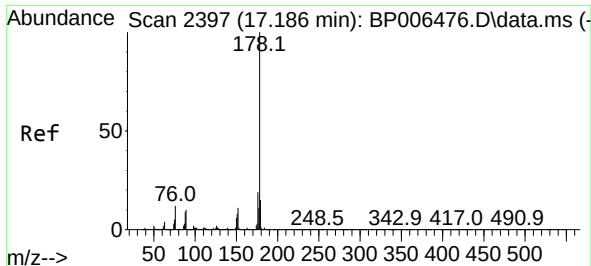
Tgt Ion:152 Resp: 100047
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.6 10.6 16.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:188 Resp: 962695
Ion Ratio Lower Upper
188 100
94 10.1 5.6 8.4#
80 11.9 6.3 9.5#

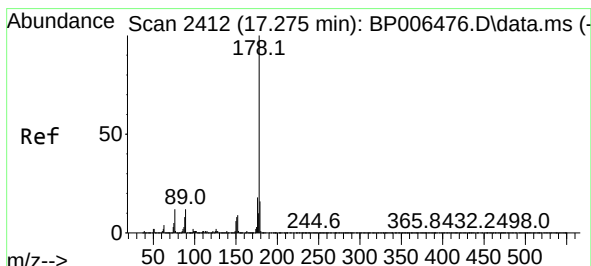
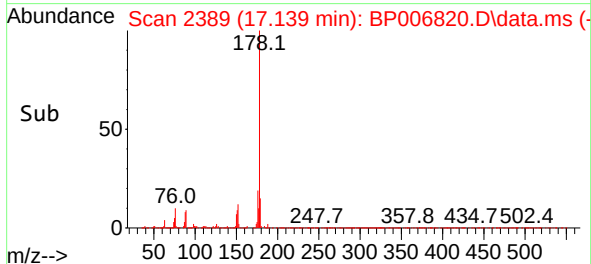
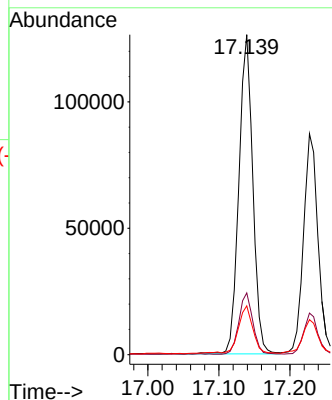
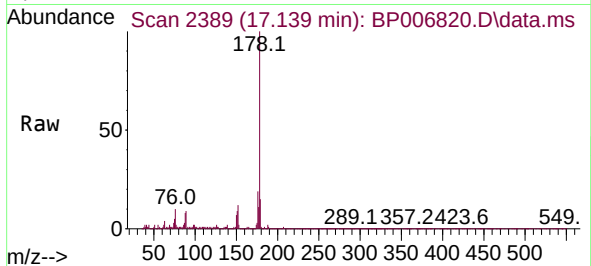




#71
Phenanthrene
Concen: 3.176 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

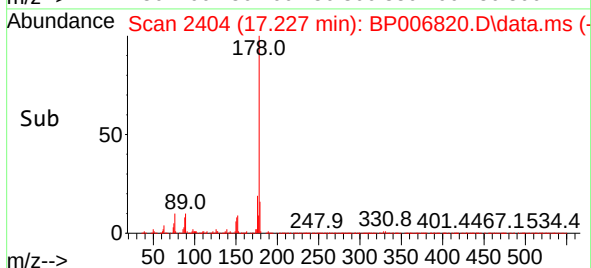
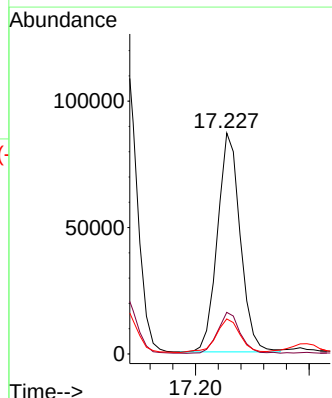
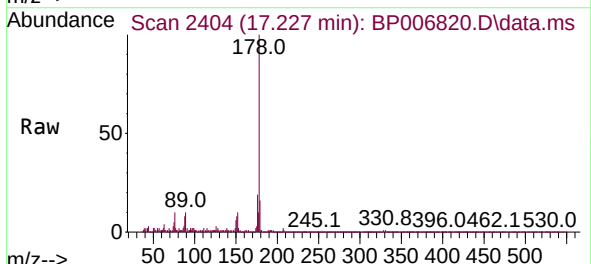
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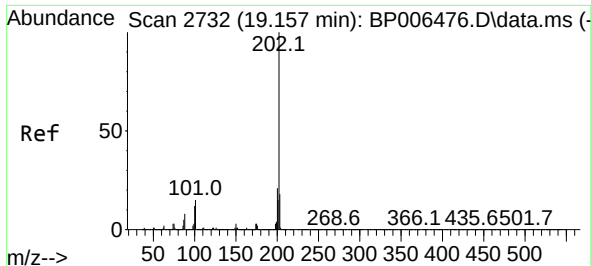
Tgt Ion:178 Resp: 172455
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.2 12.4 18.6



#72
Anthracene
Concen: 2.303 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:178 Resp: 120837
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.9 12.2 18.2

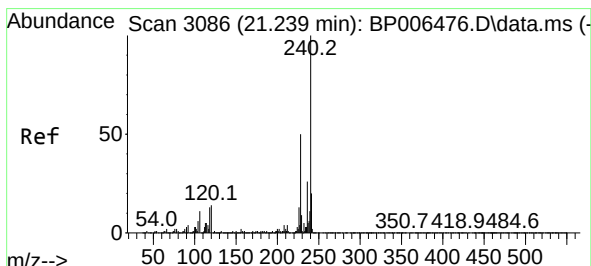
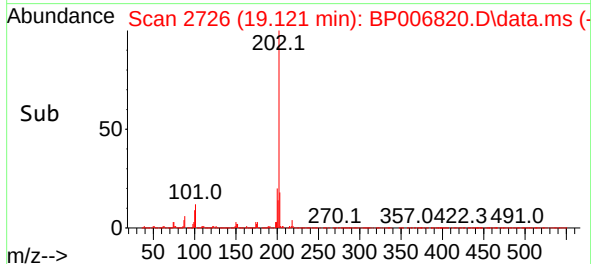
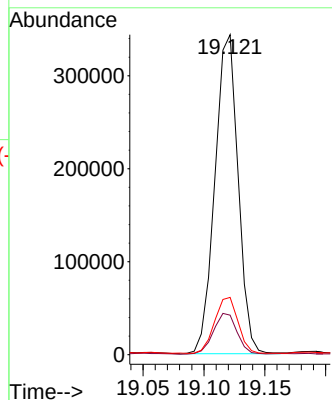
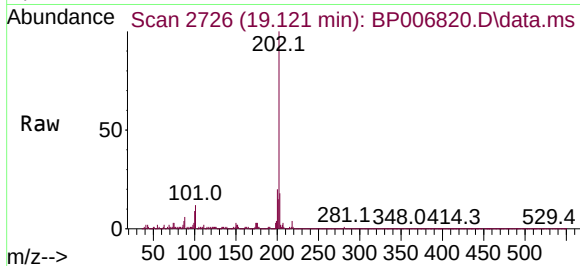




#75
Fluoranthene
Concen: 7.460 ng
RT: 19.121 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

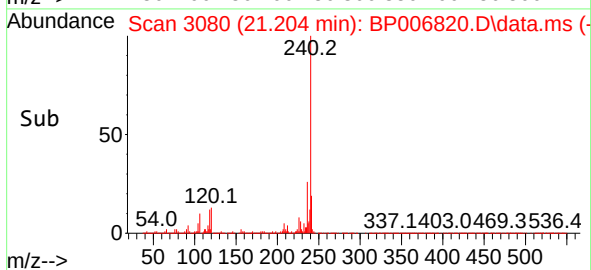
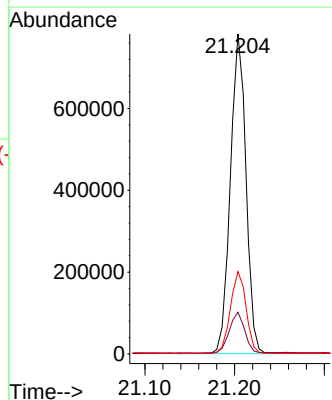
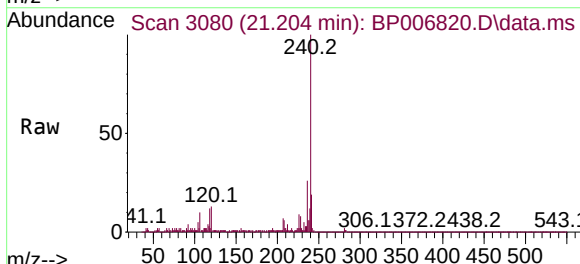
Instrument :
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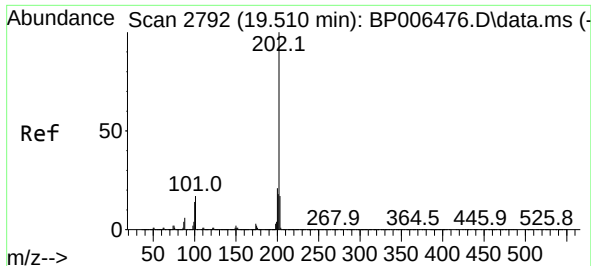
Tgt Ion:202 Resp: 454662
Ion Ratio Lower Upper
202 100
101 12.4 0.0 27.6
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:240 Resp: 941973
Ion Ratio Lower Upper
240 100
120 13.1 6.5 9.7#
236 25.8 20.6 31.0

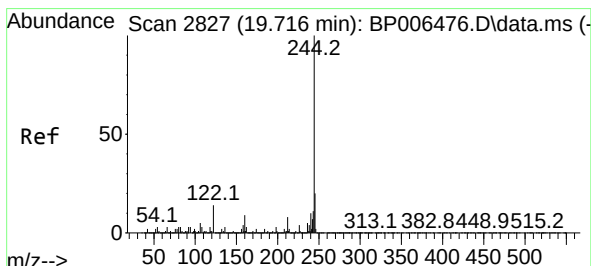
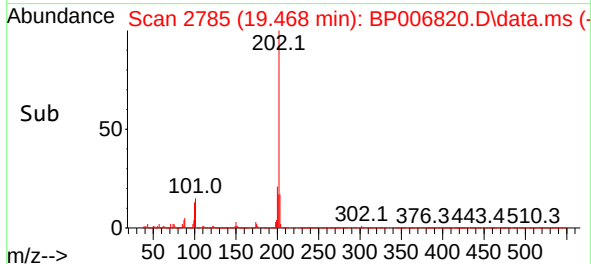
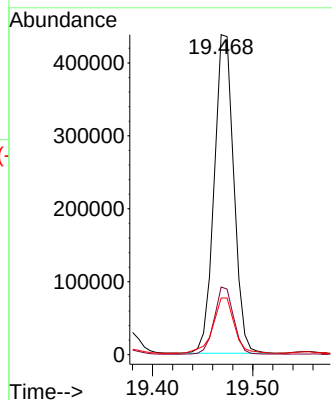
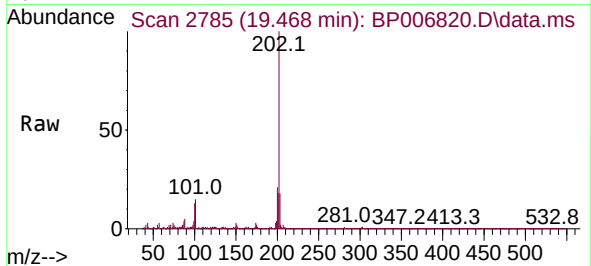




#78
Pyrene
Concen: 9.429 ng
RT: 19.468 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

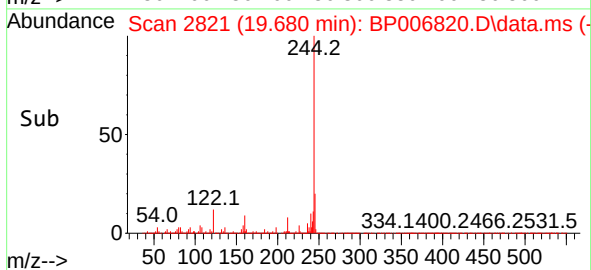
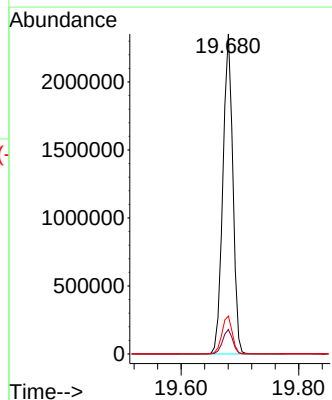
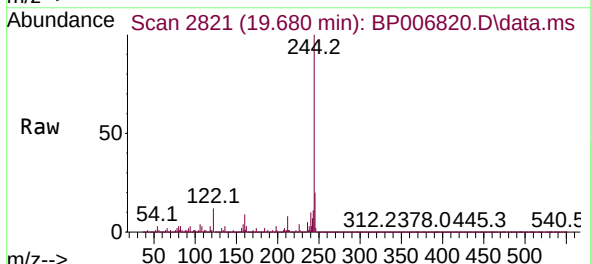
Instrument :
BNA_P
ClientSampleId :
SWCS-11-0002

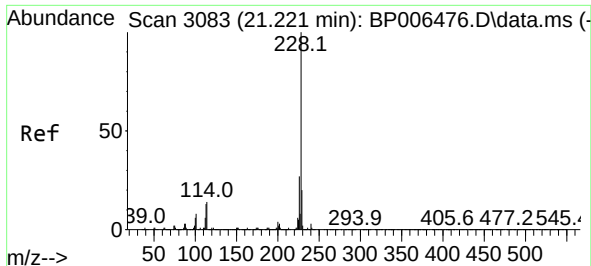
Tgt Ion:202 Resp: 593251
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 17.7 14.2 21.2



#79
Terphenyl-d14
Concen: 58.683 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:244 Resp: 2758684
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 11.8 7.1 10.7#

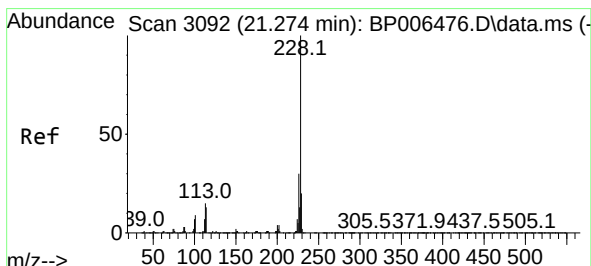
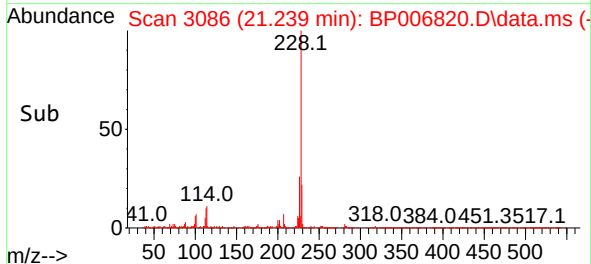
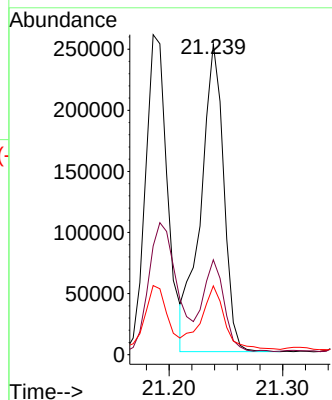
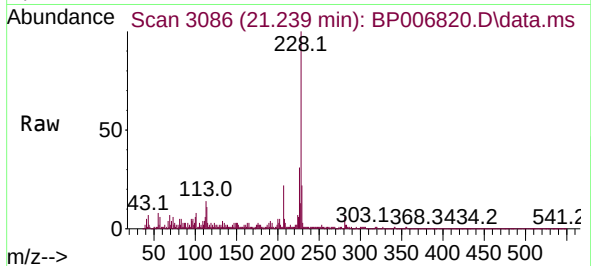




#81
Benzo(a)anthracene
Concen: 5.738 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.047 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

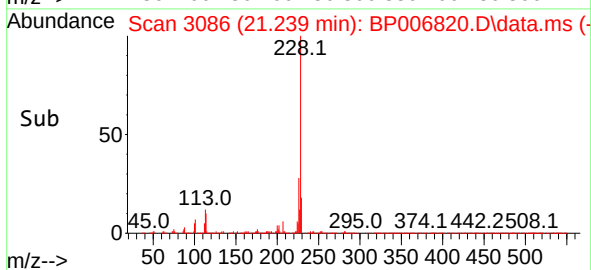
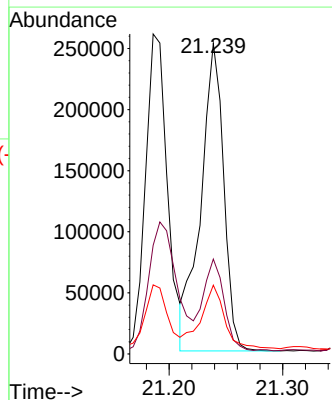
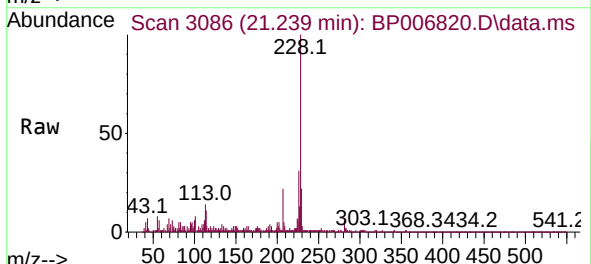
Instrument :
BNA_P
ClientSampleId :
SWCS-11-0002

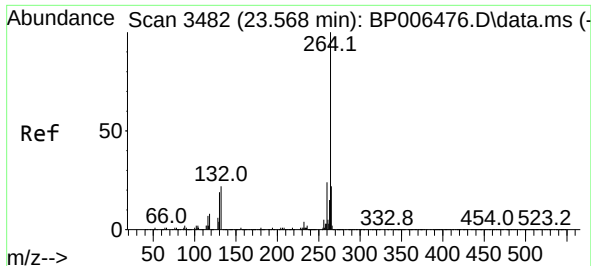
Tgt Ion:228 Resp: 353217
Ion Ratio Lower Upper
228 100
226 30.6 21.6 32.4
229 22.1 15.8 23.6



#83
Chrysene
Concen: 5.918 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:228 Resp: 353217
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.6
229 22.1 15.4 23.2

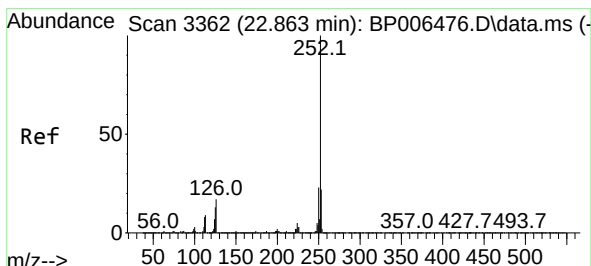
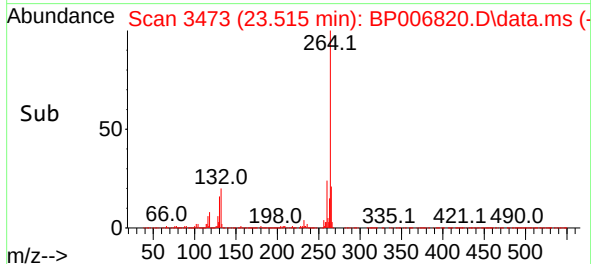
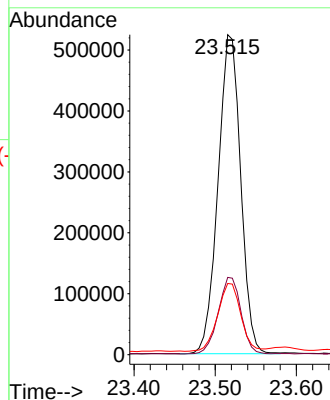
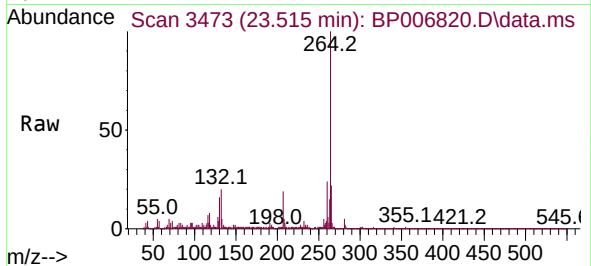




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

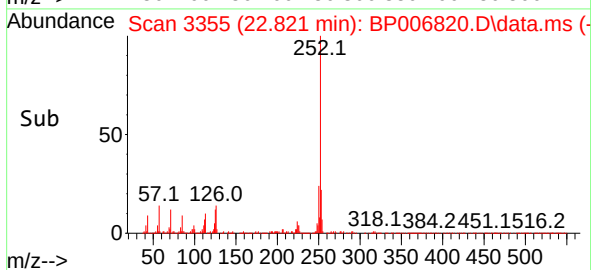
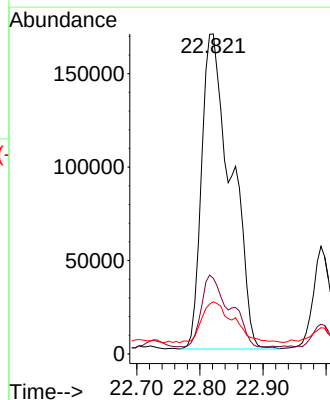
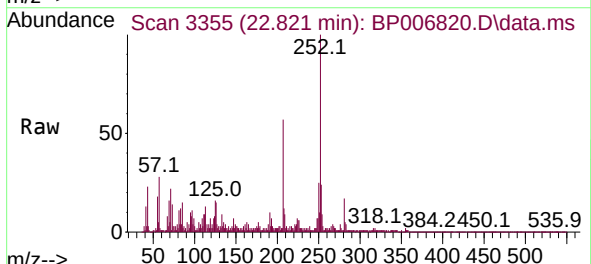
Instrument :
BNA_P
ClientSampleId :
SWCS-11-0002

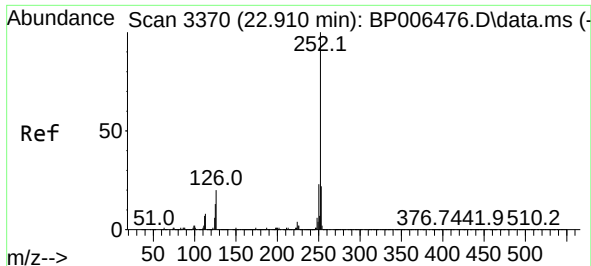
Tgt Ion:264 Resp: 1015078
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.3 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 8.298 ng
RT: 22.821 min Scan# 3355
Delta R.T. 0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:252 Resp: 547457
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 16.3 6.2 9.4#

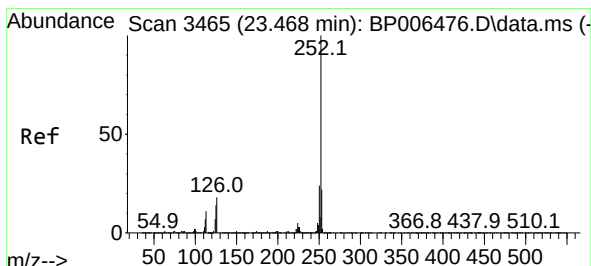
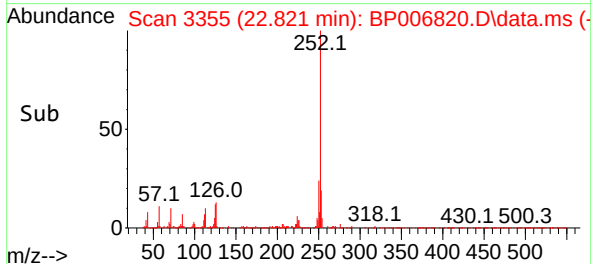
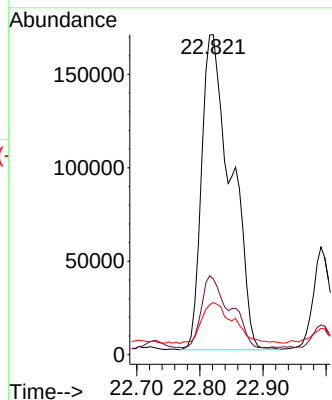
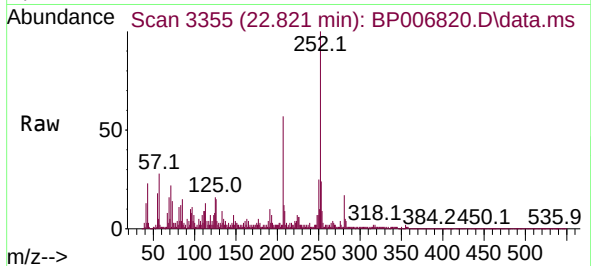




#89
Benzo(k)fluoranthene
Concen: 8.643 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.041 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

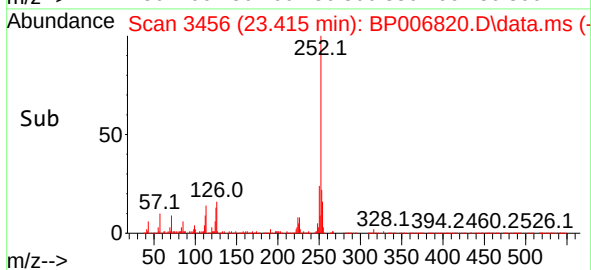
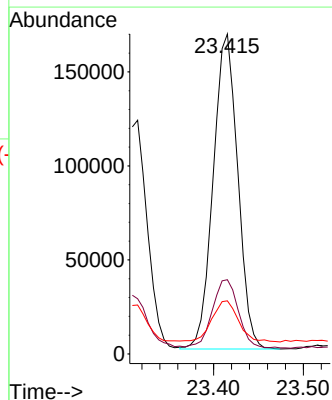
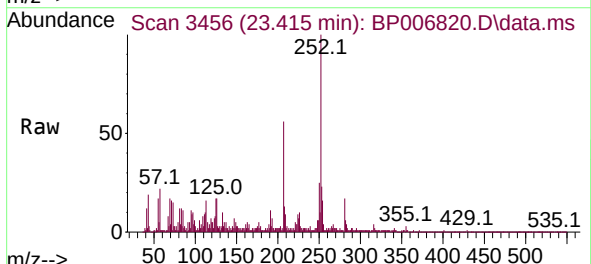
Instrument :
BNA_P
ClientSampleId :
SWCS-11-0002

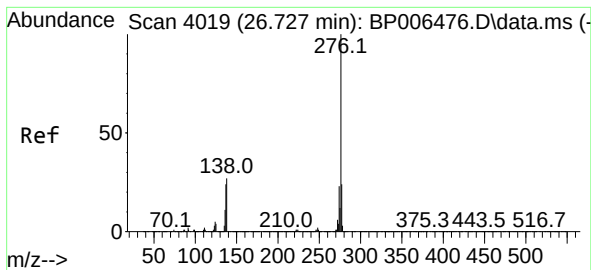
Tgt Ion:252 Resp: 547457
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 16.3 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 5.383 ng
RT: 23.415 min Scan# 3456
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:252 Resp: 318523
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 16.6 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 3.795 ng
 RT: 26.633 min Scan# 4003
 Delta R.T. -0.006 min
 Lab File: BP006820.D
 Acq: 21 Aug 2021 02:36

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-11-0002

Tgt Ion:	276	Resp:	231409
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.9	28.3
138	25.9	12.6	18.8#

