

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
 Data File : BP006879.D
 Acq On : 25 Aug 2021 13:45
 Operator : CG/JU
 Sample : M3463-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-16-0204

Quant Time: Aug 25 14:29:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 25 11:27:41 2021
 Response via : Initial Calibration

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

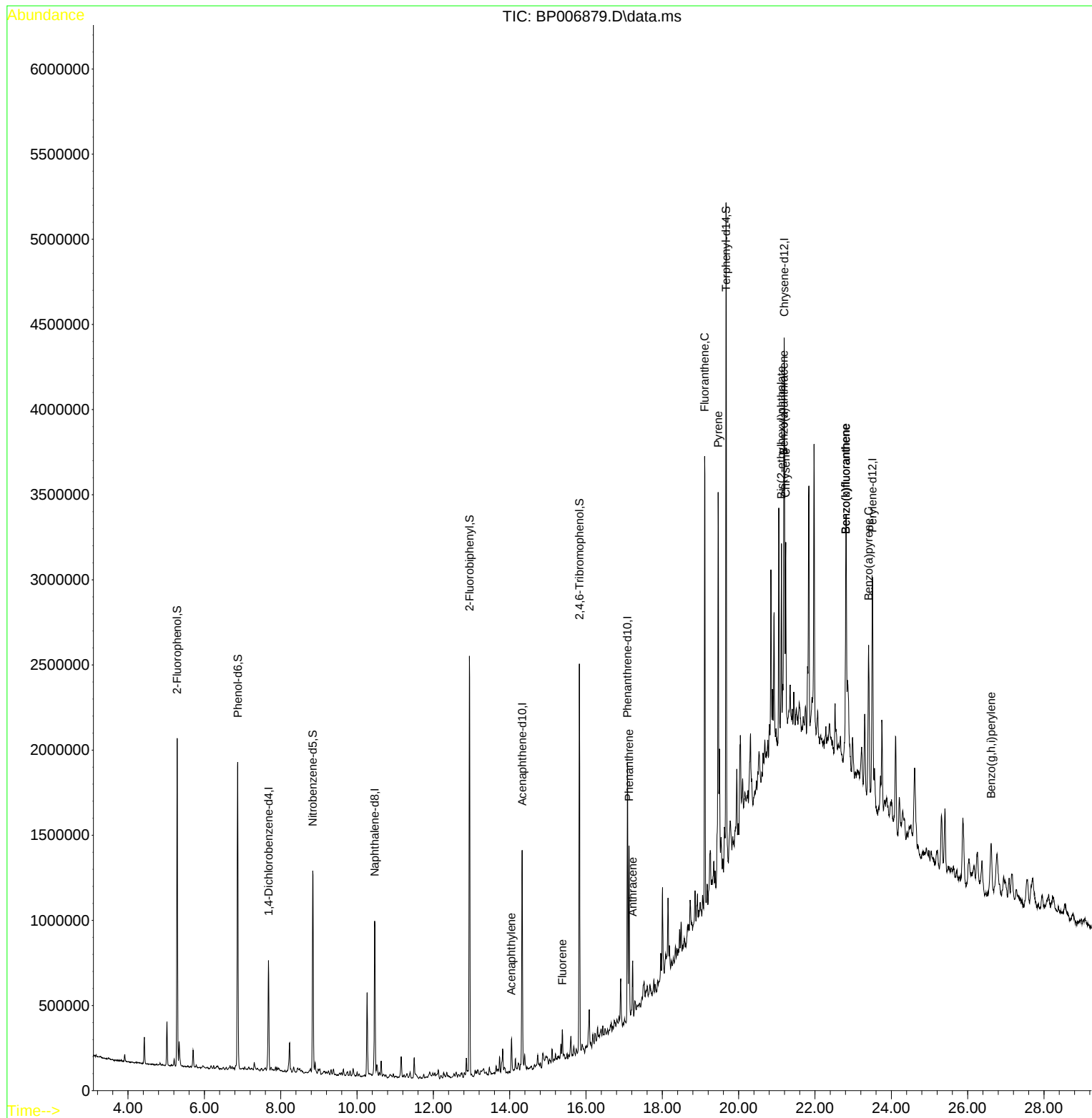
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	164550	20.000	ng	0.00
21) Naphthalene-d8	10.463	136	694454	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	401660	20.000	ng	0.00
64) Phenanthrene-d10	17.086	188	804634	20.000	ng	# 0.00
76) Chrysene-d12	21.198	240	784610	20.000	ng	# 0.00
86) Perylene-d12	23.504	264	849842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	808176	75.437	ng	0.00
7) Phenol-d6	6.875	99	1042933	68.531	ng	0.00
23) Nitrobenzene-d5	8.840	82	706605	46.965	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	349220	83.191	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	1163675	43.345	ng	0.00
79) Terphenyl-d14	19.669	244	1534483	39.189	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.045	152	131363	3.480	ng	97
58) Fluorene	15.381	166	71418	2.472	ng	# 98
71) Phenanthrene	17.128	178	553845	12.203	ng	100
72) Anthracene	17.222	178	188595	4.300	ng	99
75) Fluoranthene	19.110	202	1384706	27.182	ng	96
78) Pyrene	19.463	202	1195650	22.814	ng	99
81) Benzo(a)anthracene	21.180	228	535181	10.437	ng	95
83) Chrysene	21.233	228	547895	11.022	ng	97
84) Bis(2-ethylhexyl)phtha...	21.121	149	347715	10.040	ng	# 98
88) Benzo(b)fluoranthene	22.804	252	678480	12.284	ng	# 88
89) Benzo(k)fluoranthene	22.804	252	678480	12.794	ng	# 88
90) Benzo(a)pyrene	23.404	252	482566	9.741	ng	# 90
92) Benzo(g,h,i)perylene	26.615	276	340842	6.676	ng	# 86

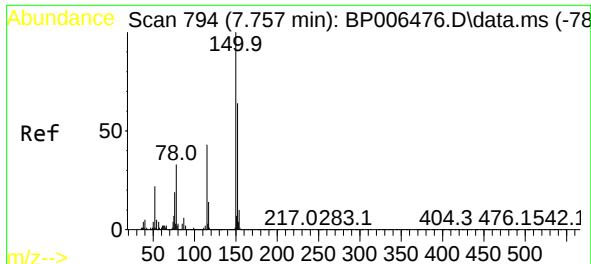
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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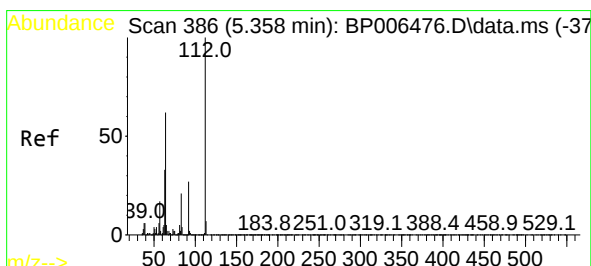
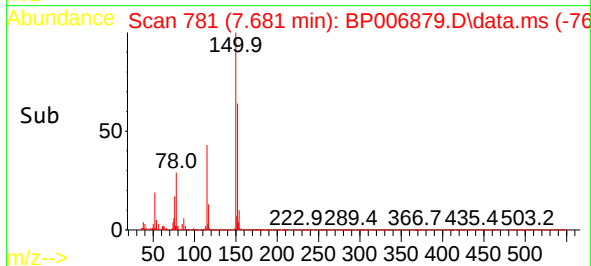
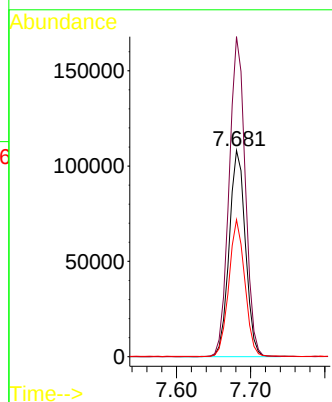
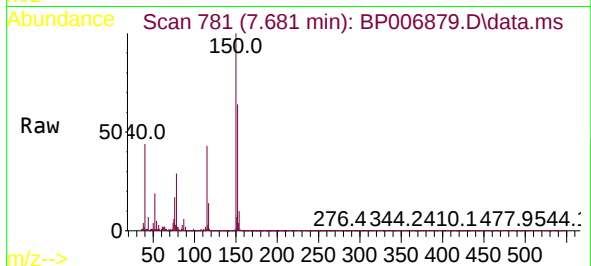




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

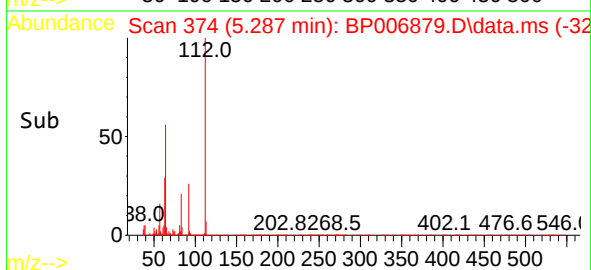
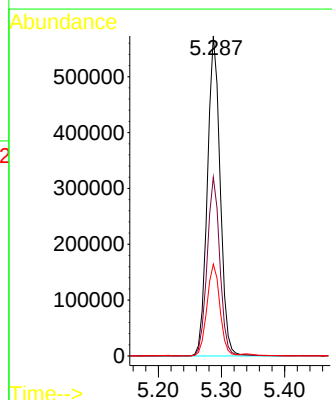
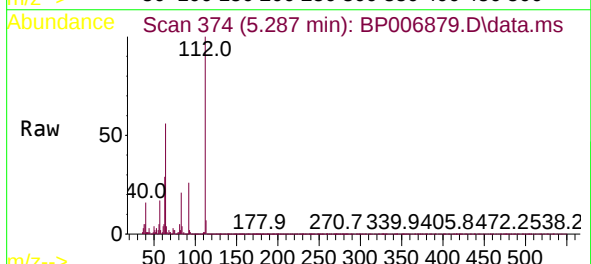
Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

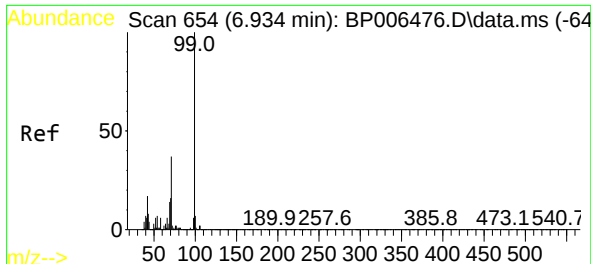
Tgt Ion:152 Resp: 164550
Ion Ratio Lower Upper
152 100
150 155.2 125.6 188.4
115 66.4 48.5 72.7



#5
2-Fluorophenol
Concen: 75.437 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

Tgt Ion:112 Resp: 808176
Ion Ratio Lower Upper
112 100
64 55.9 41.4 62.2
63 28.7 23.8 35.8



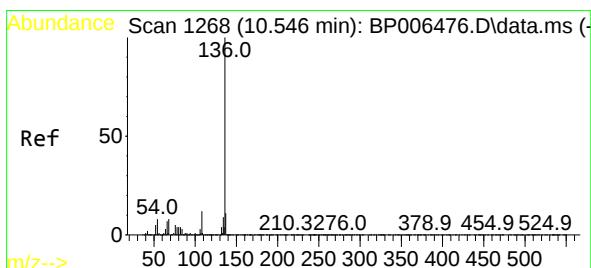
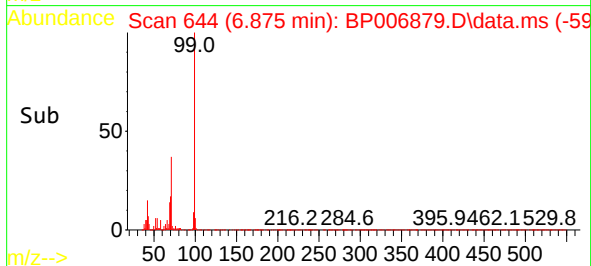
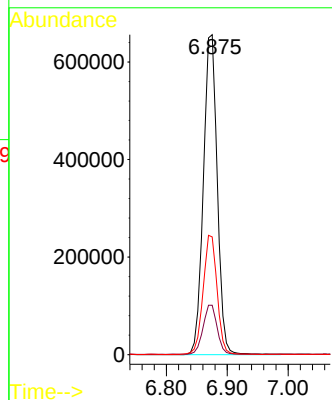
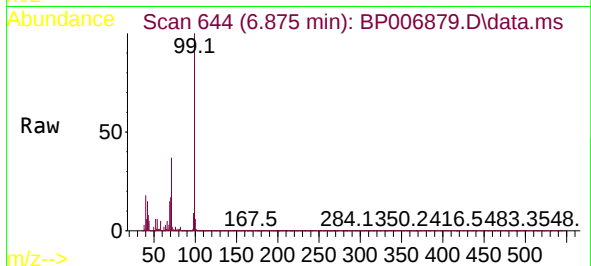


#7
Phenol-d6
Concen: 68.531 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.006 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

Tgt Ion: 99 Resp: 1042933

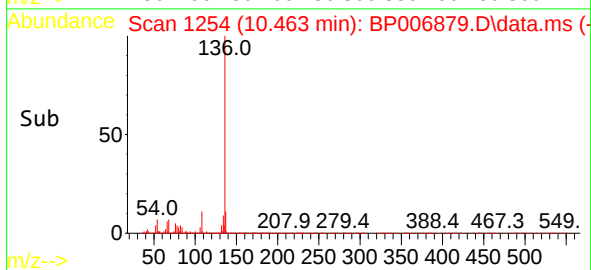
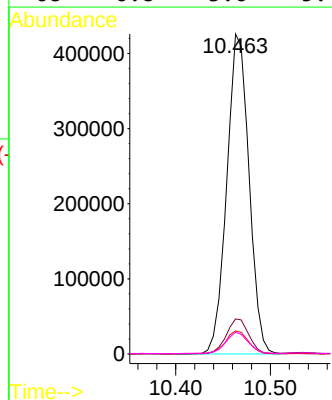
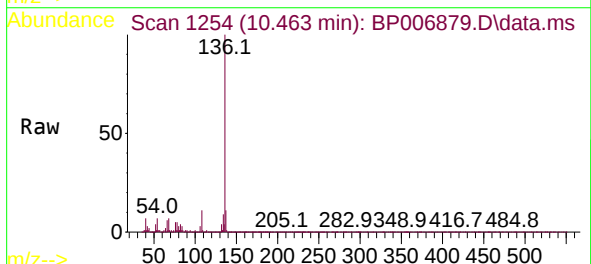
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.4	20.0
71	36.8	30.6	46.0

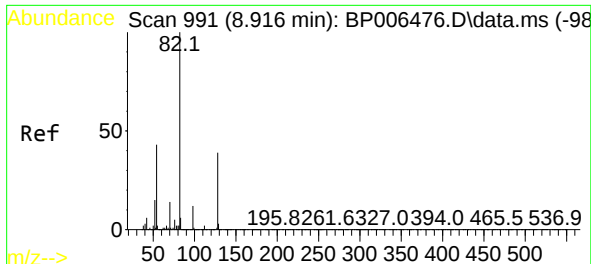


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

Tgt Ion: 136 Resp: 694454

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.2	4.6	6.8#
68	6.8	3.6	5.4#

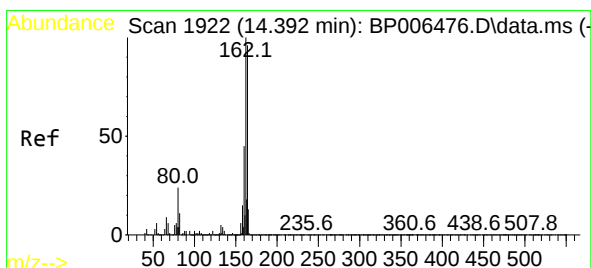
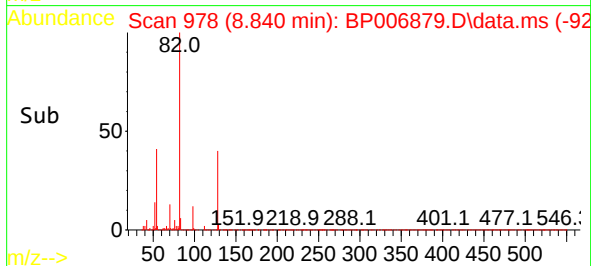
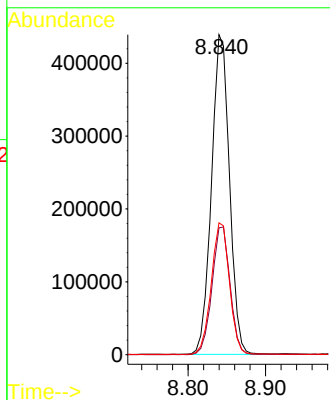
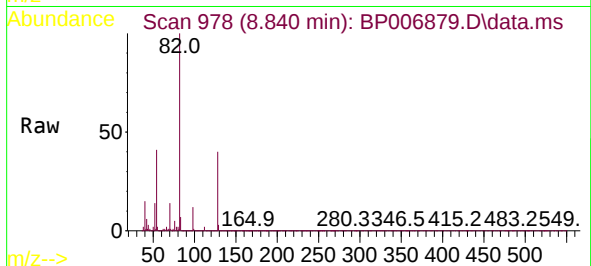




#23
Nitrobenzene-d5
Concen: 46.965 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

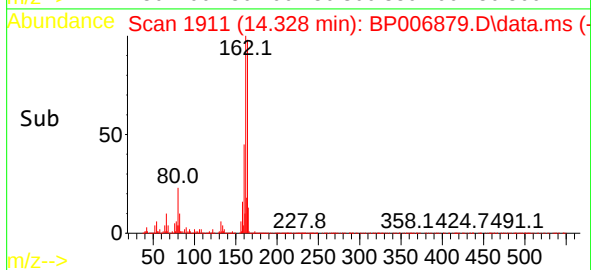
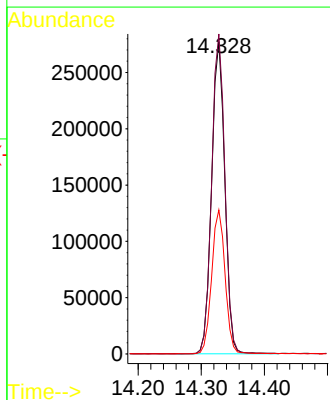
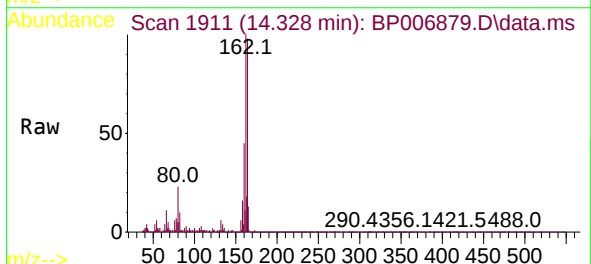
Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

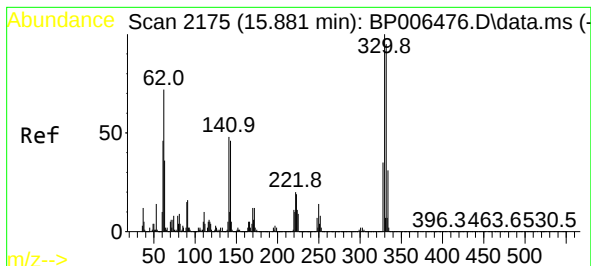
Tgt Ion: 82 Resp: 706605
Ion Ratio Lower Upper
82 100
128 39.6 35.7 53.5
54 41.2 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

Tgt Ion: 164 Resp: 401660
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 46.1 34.5 51.7

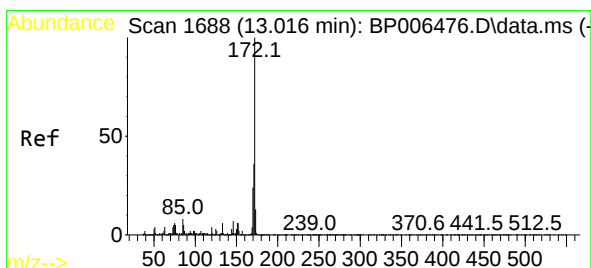
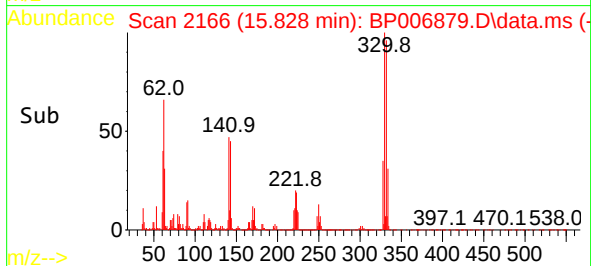
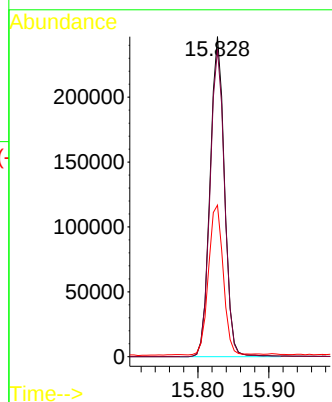
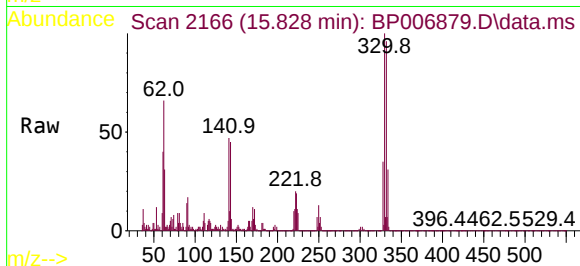




#42
2,4,6-Tribromophenol
Concen: 83.191 ng
RT: 15.828 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

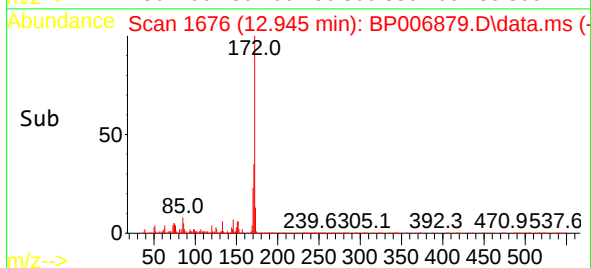
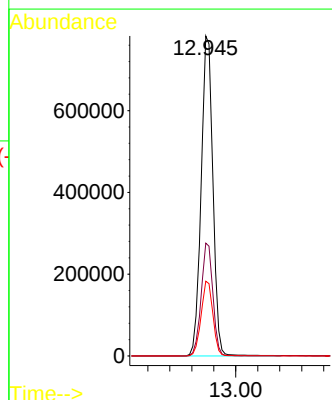
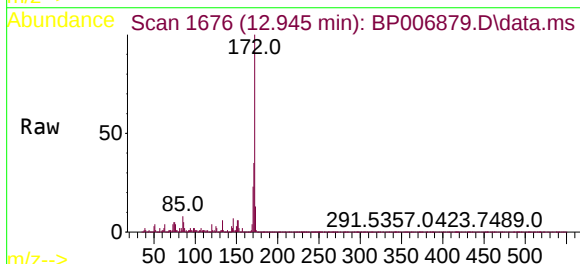
Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

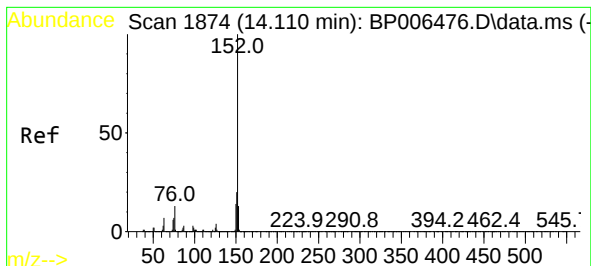
Tgt Ion:330 Resp: 349220
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 47.8 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 43.345 ng
RT: 12.945 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

Tgt Ion:172 Resp: 1163675
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.4 18.6 27.8





#49

Acenaphthylene

Concen: 3.480 ng

RT: 14.045 min Scan# 1863

Delta R.T. 0.000 min

Lab File: BP006879.D

Acq: 25 Aug 2021 13:45

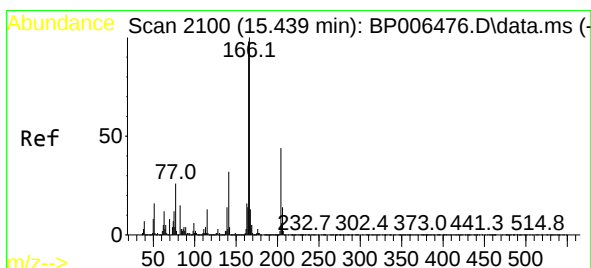
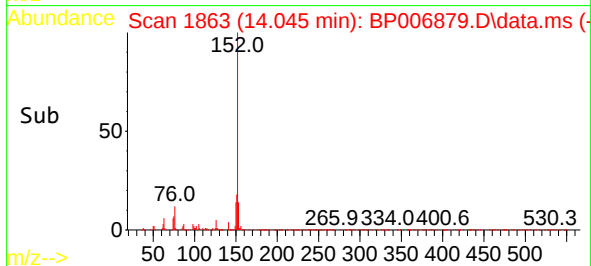
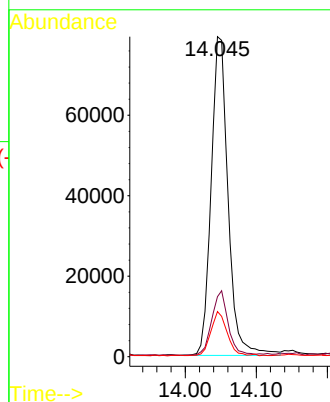
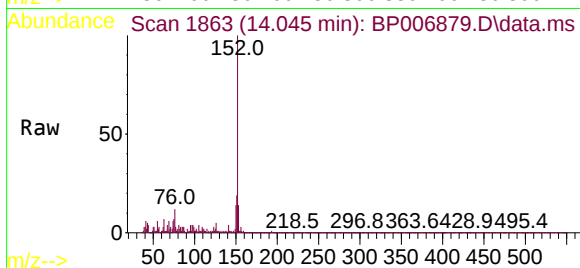
Instrument :

BNA_P

ClientSampleId :

SWCS-16-0204

Tgt Ion:	152	Resp:	131363
Ion Ratio	Lower	Upper	
152	100		
151	18.8	16.2	24.2
153	14.1	10.6	16.0



#58

Fluorene

Concen: 2.472 ng

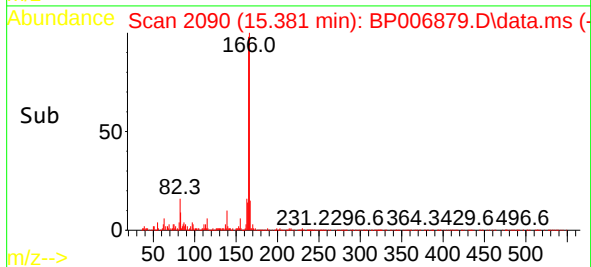
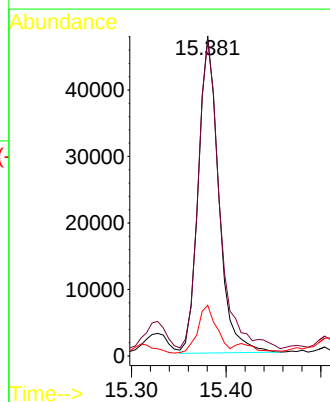
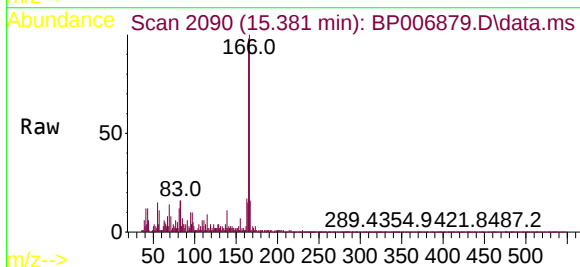
RT: 15.381 min Scan# 2090

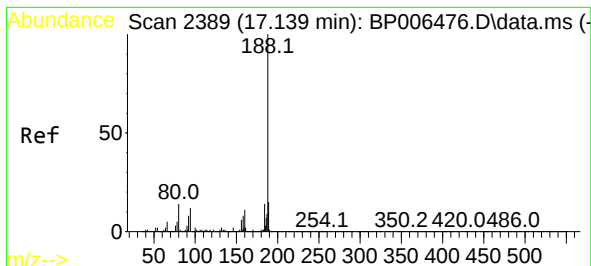
Delta R.T. 0.000 min

Lab File: BP006879.D

Acq: 25 Aug 2021 13:45

Tgt Ion:	166	Resp:	71418
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.0	117.0
167	15.8	10.5	15.7#

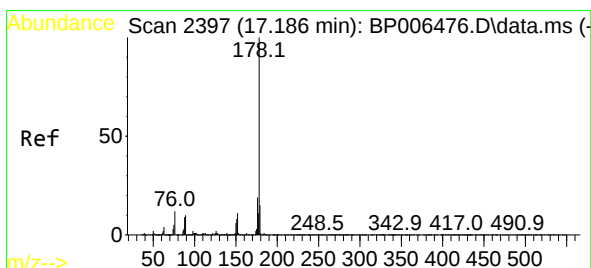
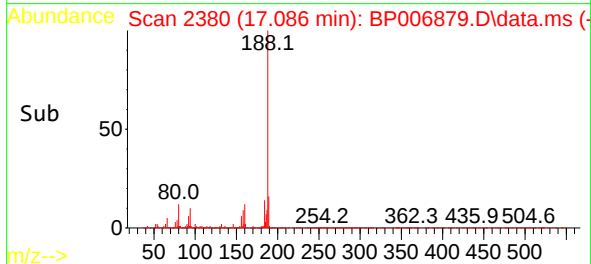
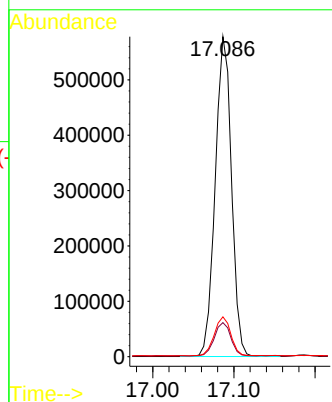
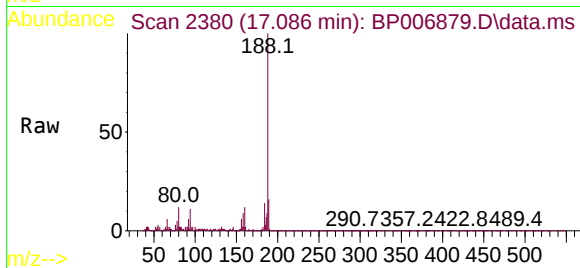




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. 0.000 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

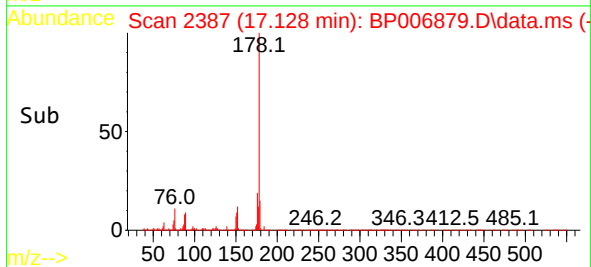
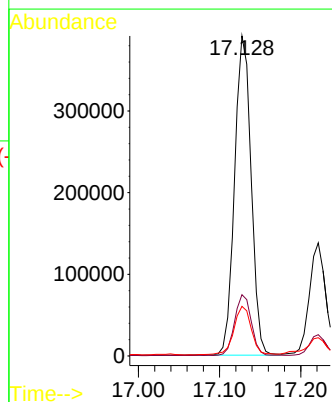
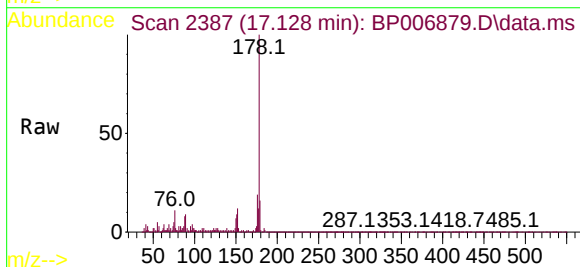
Instrument :
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SWCS-16-0204

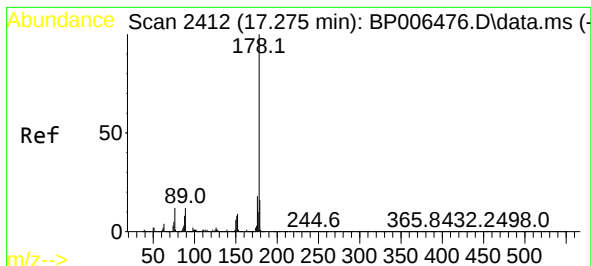
Tgt Ion:188 Resp: 804634
Ion Ratio Lower Upper
188 100
94 10.7 5.6 8.4#
80 12.5 6.3 9.5#



#71
Phenanthrene
Concen: 12.203 ng
RT: 17.128 min Scan# 2387
Delta R.T. 0.000 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

Tgt Ion:178 Resp: 553845
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.5 12.4 18.6

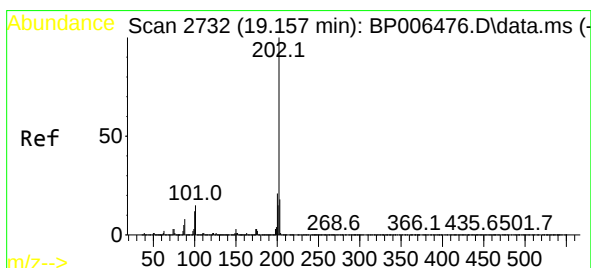
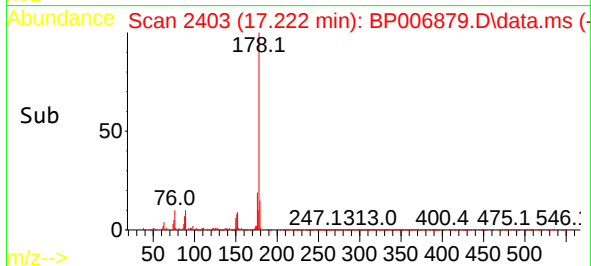
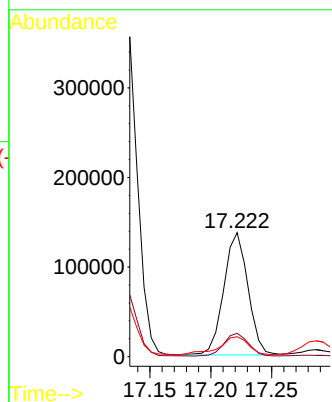
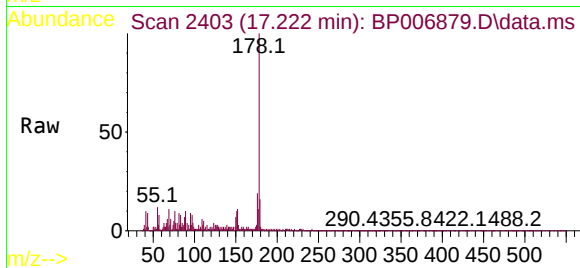




#72
 Anthracene
 Concen: 4.300 ng
 RT: 17.222 min Scan# 2403
 Delta R.T. 0.000 min
 Lab File: BP006879.D
 Acq: 25 Aug 2021 13:45

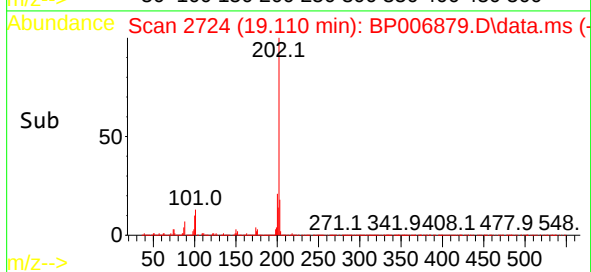
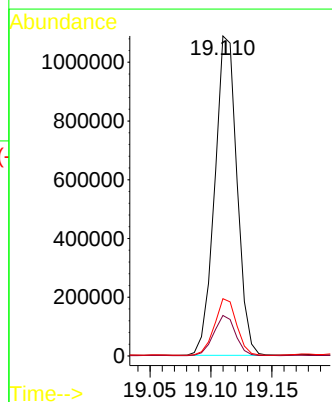
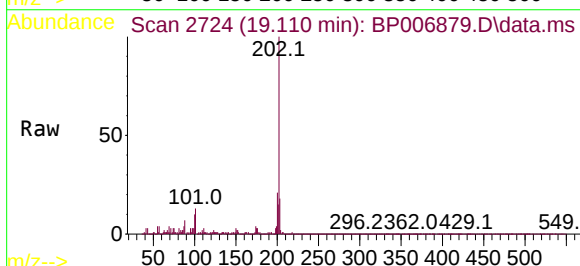
Instrument :
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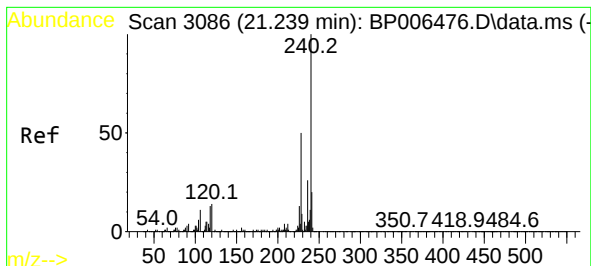
Tgt Ion:178 Resp: 188595
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.9 22.3
 179 16.1 12.2 18.2



#75
 Fluoranthene
 Concen: 27.182 ng
 RT: 19.110 min Scan# 2724
 Delta R.T. 0.000 min
 Lab File: BP006879.D
 Acq: 25 Aug 2021 13:45

Tgt Ion:202 Resp: 1384706
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 27.6
 203 17.9 0.0 37.8

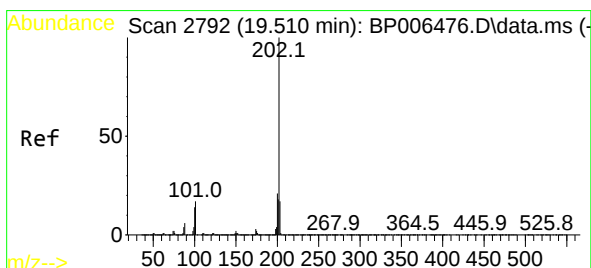
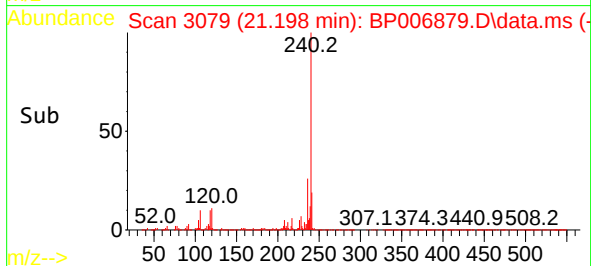
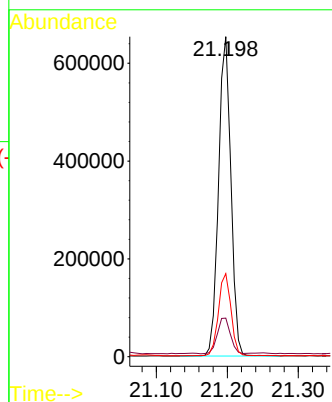
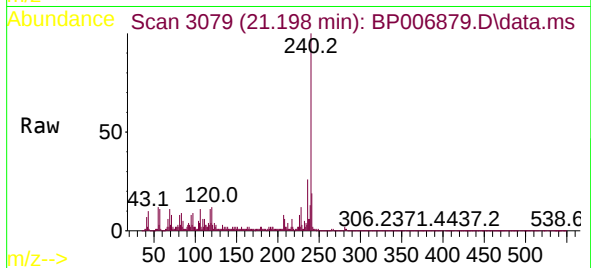




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.006 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

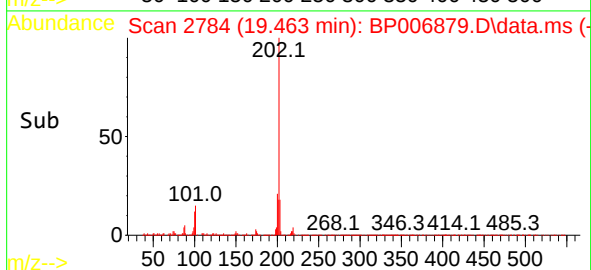
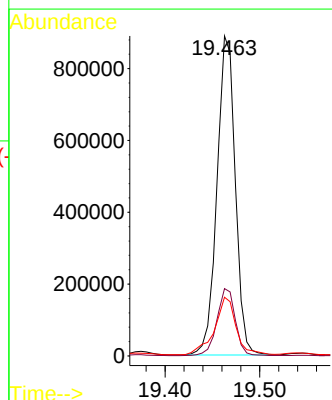
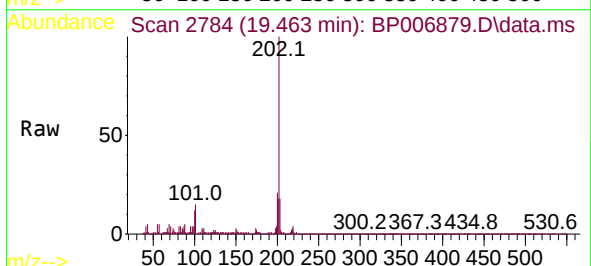
Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

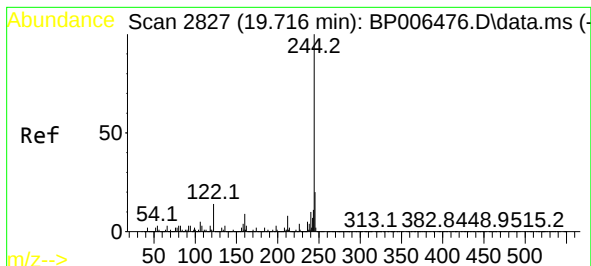
Tgt Ion:240 Resp: 784610
Ion Ratio Lower Upper
240 100
120 12.0 6.5 9.7#
236 25.9 20.6 31.0



#78
Pyrene
Concen: 22.814 ng
RT: 19.463 min Scan# 2784
Delta R.T. 0.000 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

Tgt Ion:202 Resp: 1195650
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 18.3 14.2 21.2

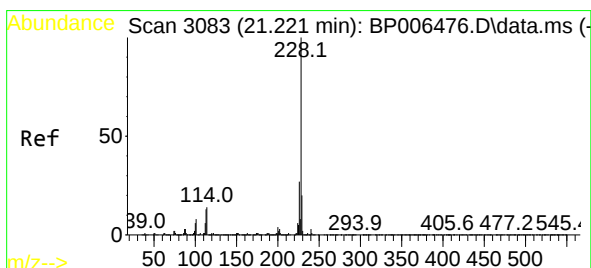
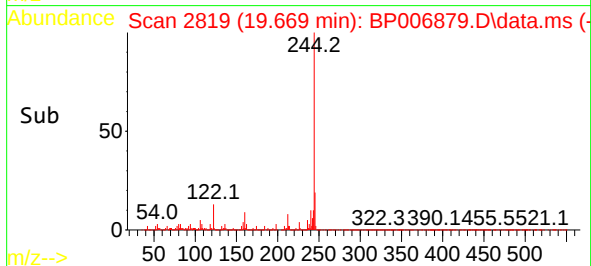
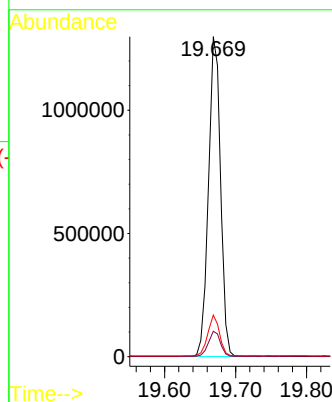
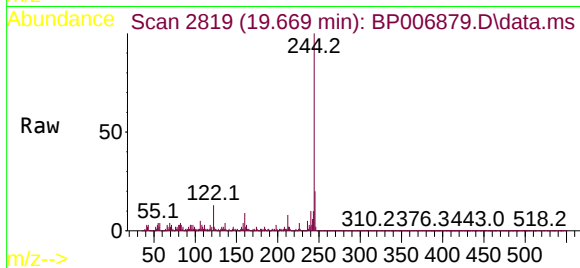




#79
 Terphenyl-d14
 Concen: 39.189 ng
 RT: 19.669 min Scan# 2819
 Delta R.T. 0.000 min
 Lab File: BP006879.D
 Acq: 25 Aug 2021 13:45

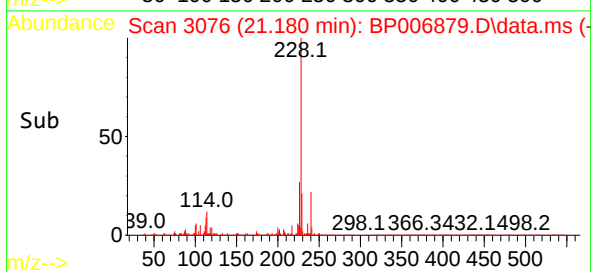
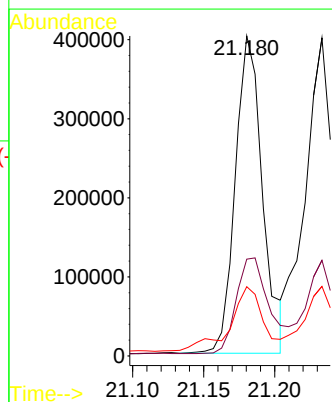
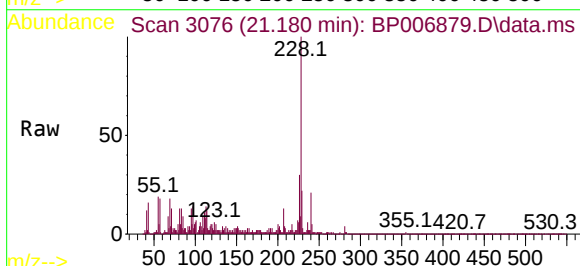
Instrument :
 BNA_P
 ClientSampleId :
 SWCS-16-0204

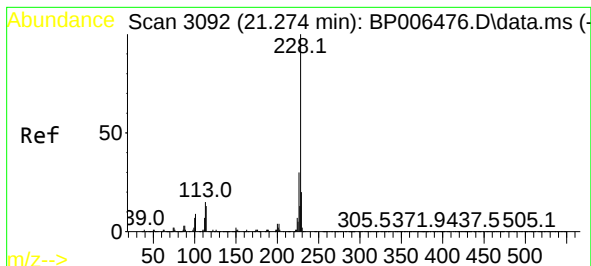
Tgt Ion:244 Resp: 1534483
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 13.0 7.1 10.7#



#81
 Benzo(a)anthracene
 Concen: 10.437 ng
 RT: 21.180 min Scan# 3076
 Delta R.T. 0.000 min
 Lab File: BP006879.D
 Acq: 25 Aug 2021 13:45

Tgt Ion:228 Resp: 535181
 Ion Ratio Lower Upper
 228 100
 226 30.3 21.6 32.4
 229 21.6 15.8 23.6





#83

Chrysene

Concen: 11.022 ng

RT: 21.233 min Scan# 3085

Delta R.T. 0.006 min

Lab File: BP006879.D

Acq: 25 Aug 2021 13:45

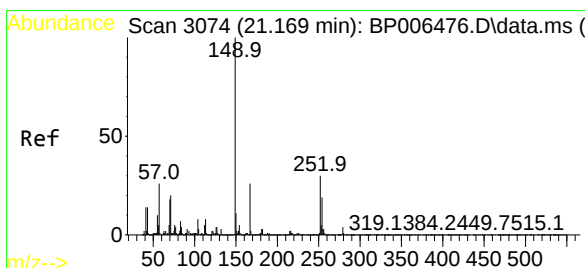
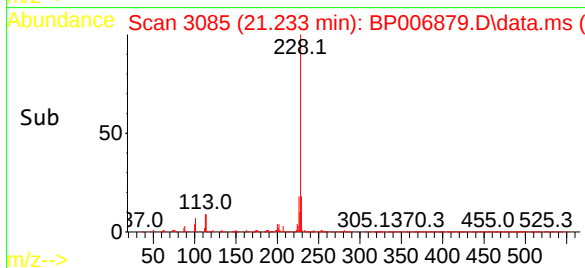
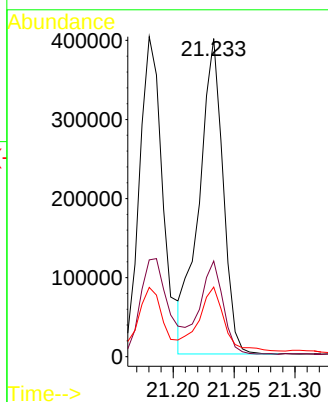
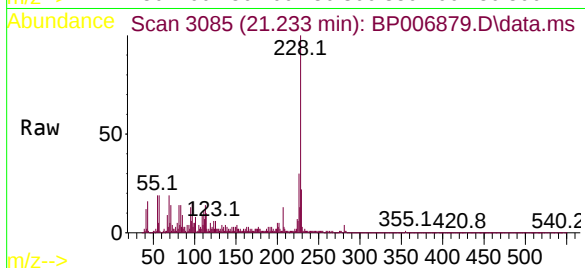
Instrument :

BNA_P

ClientSampleId :

SWCS-16-0204

Tgt Ion:	228	Resp:	547895
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.6
229	21.9	15.4	23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.040 ng

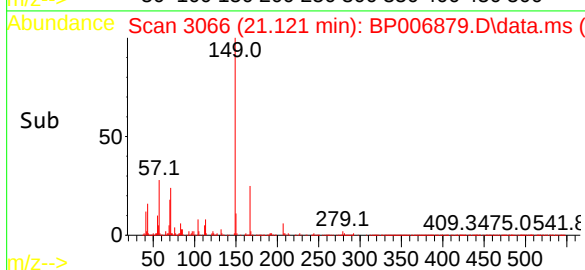
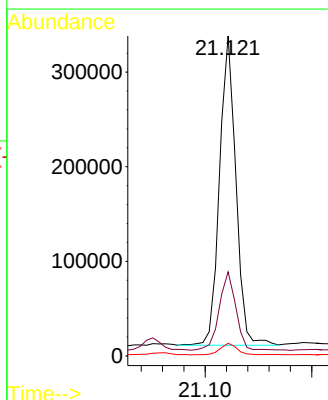
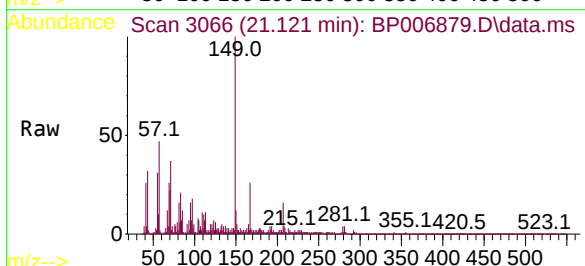
RT: 21.121 min Scan# 3066

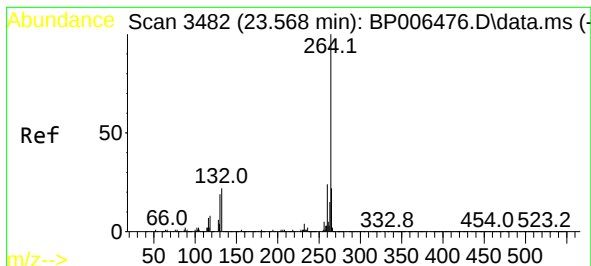
Delta R.T. 0.006 min

Lab File: BP006879.D

Acq: 25 Aug 2021 13:45

Tgt Ion:	149	Resp:	347715
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.9	32.9
279	4.0	4.3	6.5

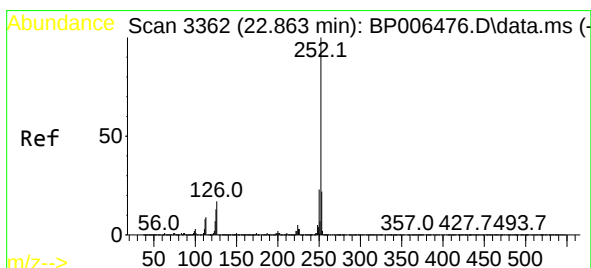
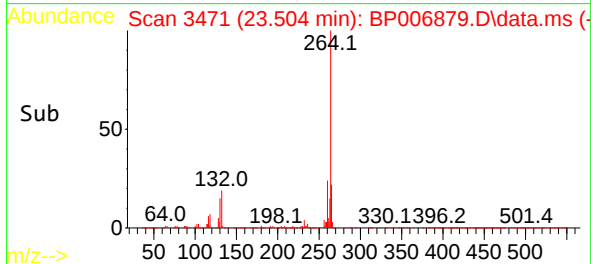
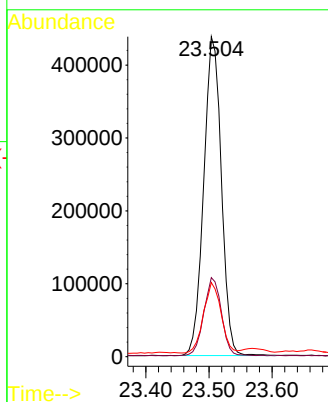
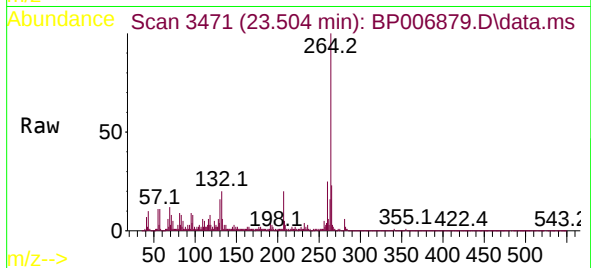




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.504 min Scan# 3471
Delta R.T. 0.006 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

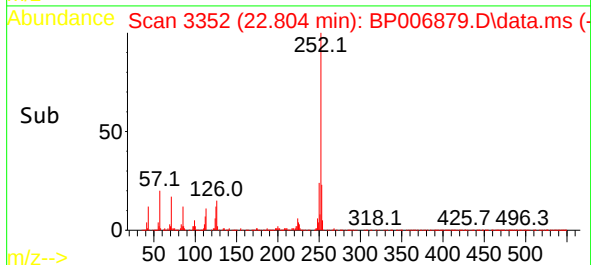
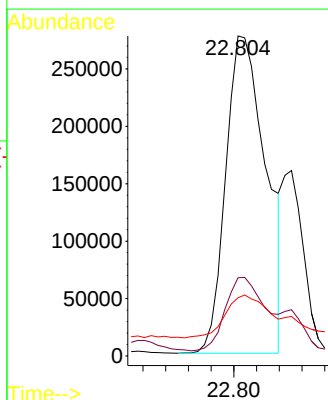
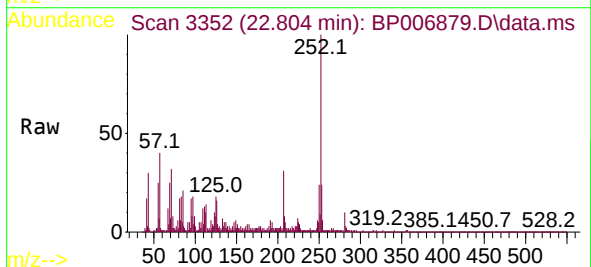
Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

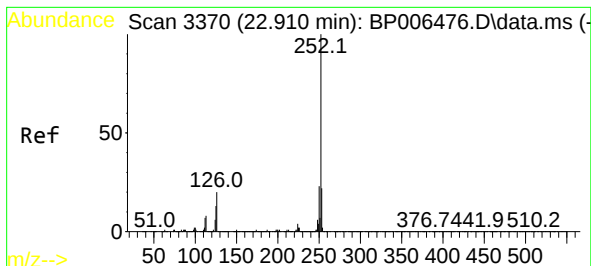
Tgt Ion:264 Resp: 849842
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 23.1 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 12.284 ng
RT: 22.804 min Scan# 3352
Delta R.T. 0.006 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

Tgt Ion:252 Resp: 678480
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 18.2 6.2 9.4#

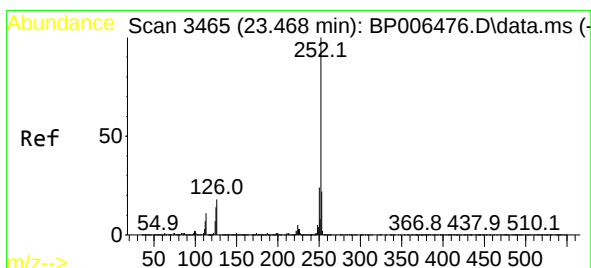
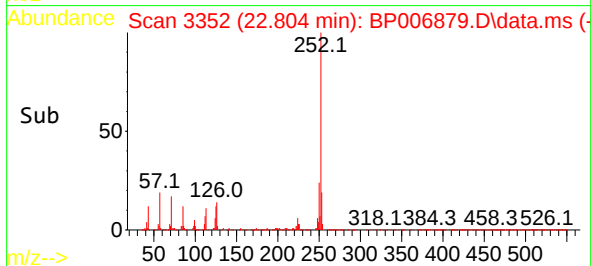
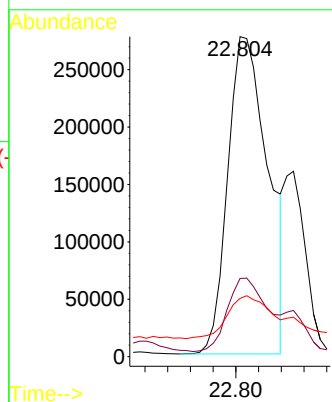
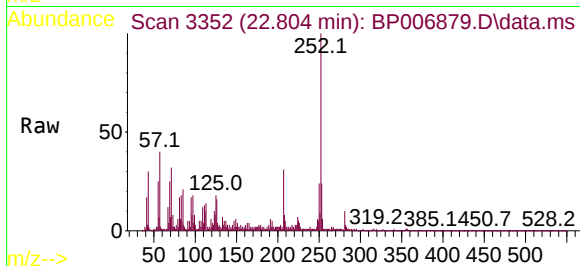




#89
Benzo(k)fluoranthene
Concen: 12.794 ng
RT: 22.804 min Scan# 3352
Delta R.T. -0.041 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

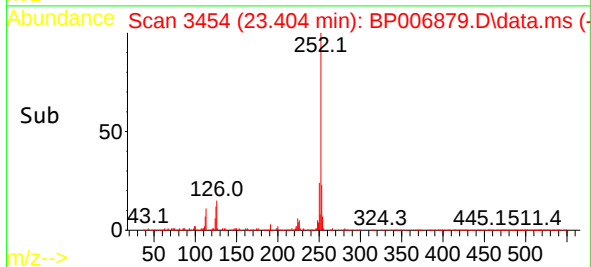
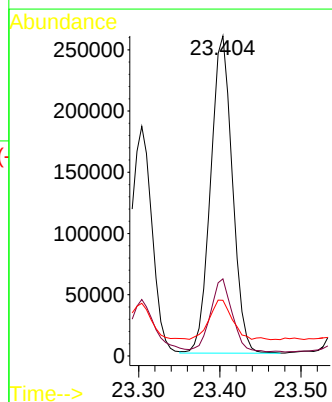
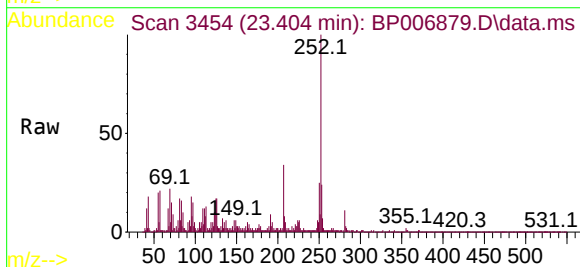
Instrument :
BNA_P
ClientSampleId :
SWCS-16-0204

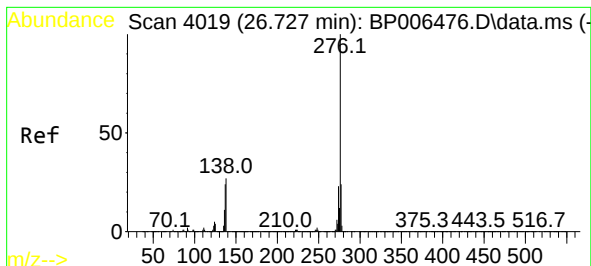
Tgt Ion:252 Resp: 678480
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 18.2 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 9.741 ng
RT: 23.404 min Scan# 3454
Delta R.T. 0.006 min
Lab File: BP006879.D
Acq: 25 Aug 2021 13:45

Tgt Ion:252 Resp: 482566
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 17.4 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 6.676 ng
 RT: 26.615 min Scan# 4000
 Delta R.T. 0.012 min
 Lab File: BP006879.D
 Acq: 25 Aug 2021 13:45

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-16-0204

Tgt Ion: 276 Resp: 340842

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	29.9	12.6	18.8#

