

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006799.D
 Acq On : 20 Aug 2021 14:24
 Operator : CG/JU
 Sample : M3398-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-04-0510

Quant Time: Aug 20 17:02:49 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)

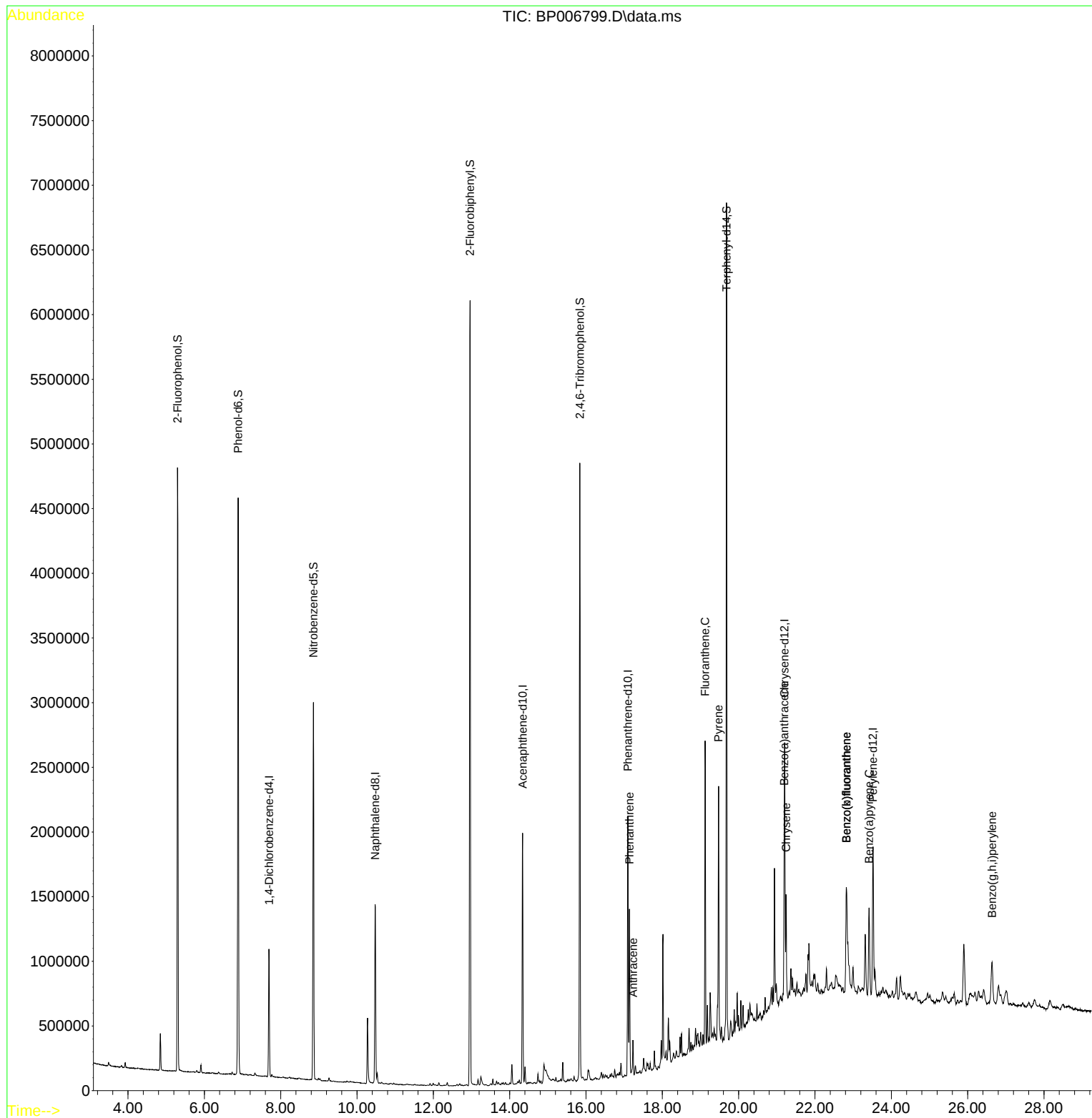
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	245810	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	1095458	20.000	ng	# 0.00
39) Acenaphthene-d10	14.340	164	614190	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	1083889	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	669082	20.000	ng	# 0.00
86) Perylene-d12	23.521	264	743627	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1953905	122.090	ng	0.00
7) Phenol-d6	6.887	99	2508962	110.363	ng	0.00
23) Nitrobenzene-d5	8.857	82	1725527	72.706	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	753930	117.454	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2875379	70.042	ng	0.00
79) Terphenyl-d14	19.680	244	2636347	78.954	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.139	178	674149	11.027	ng	100
72) Anthracene	17.234	178	150126	2.541	ng	99
75) Fluoranthene	19.122	202	1219719	17.775	ng	95
78) Pyrene	19.475	202	1012917	22.665	ng	99
81) Benzo(a)anthracene	21.192	228	420077	9.607	ng	94
83) Chrysene	21.245	228	416968	9.836	ng	97
88) Benzo(b)fluoranthene	22.821	252	622633	12.883	ng	# 94
89) Benzo(k)fluoranthene	22.821	252	622633	13.418	ng	# 94
90) Benzo(a)pyrene	23.416	252	442795	10.215	ng	# 95
92) Benzo(g,h,i)perylene	26.639	276	385348	8.626	ng	# 91

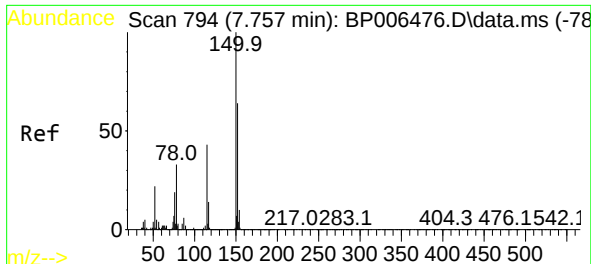
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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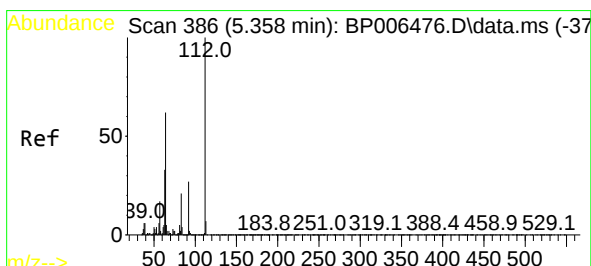
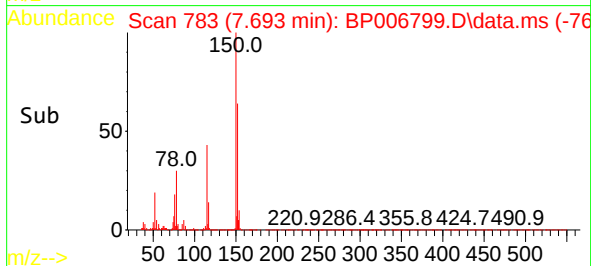
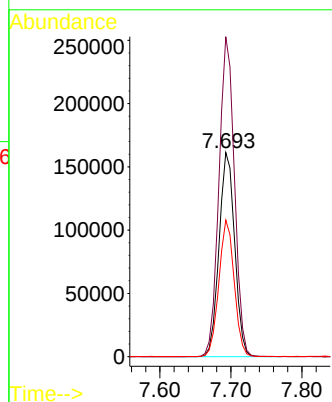
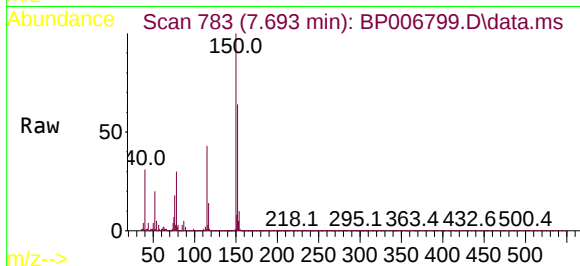




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

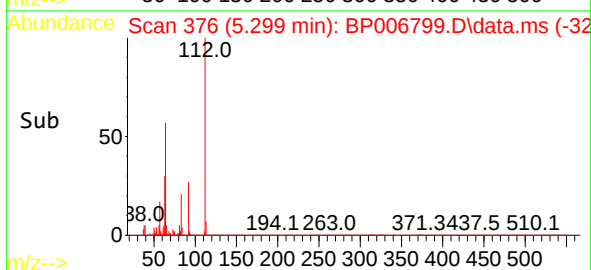
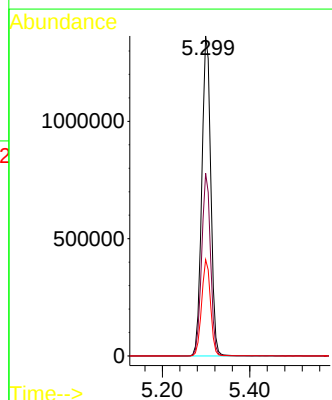
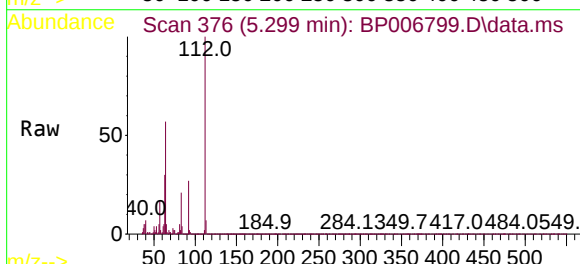
Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510

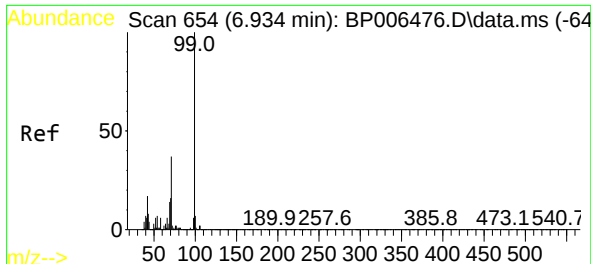
Tgt Ion:152 Resp: 245810
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 66.9 48.5 72.7



#5
2-Fluorophenol
Concen: 122.090 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

Tgt Ion:112 Resp: 1953905
Ion Ratio Lower Upper
112 100
64 57.1 41.4 62.2
63 30.1 23.8 35.8



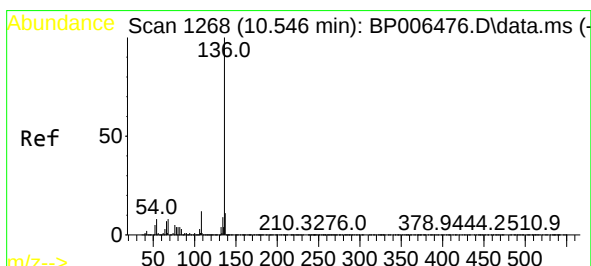
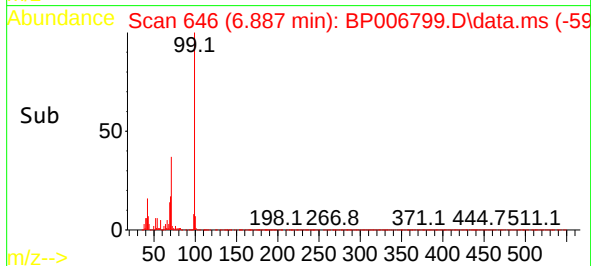
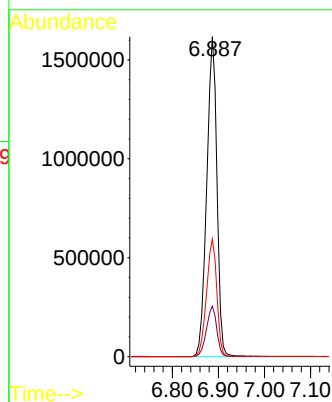
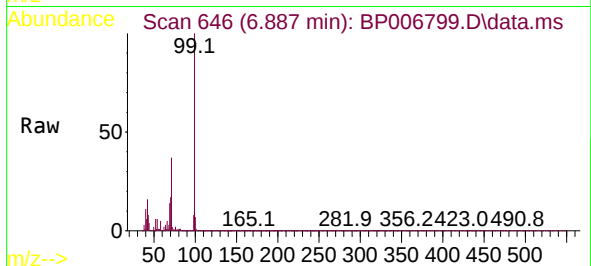


#7
Phenol-d6
Concen: 110.363 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510

Tgt Ion: 99 Resp: 2508962

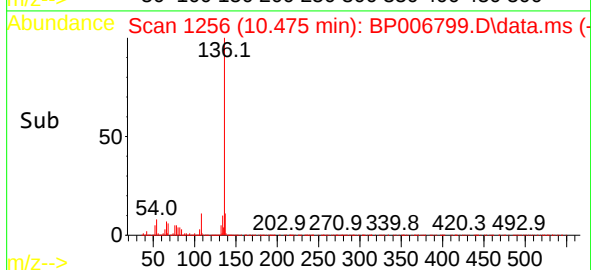
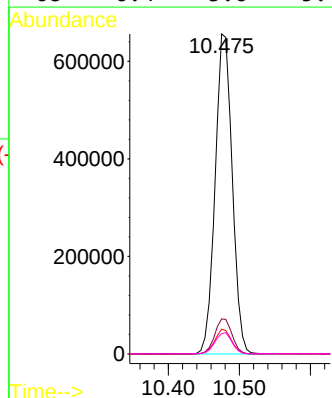
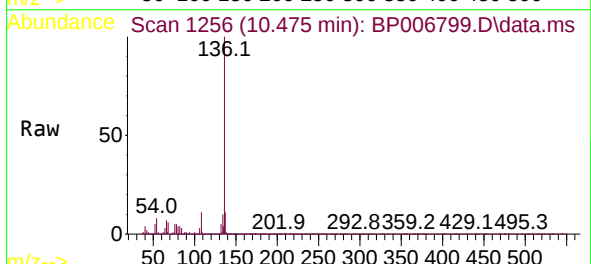
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.4	20.0
71	36.7	30.6	46.0

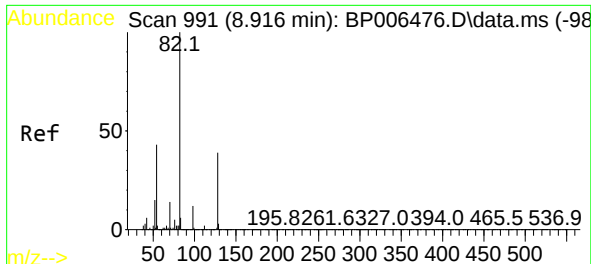


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

Tgt Ion: 136 Resp: 1095458

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.8	4.6	6.8#
68	6.4	3.6	5.4#

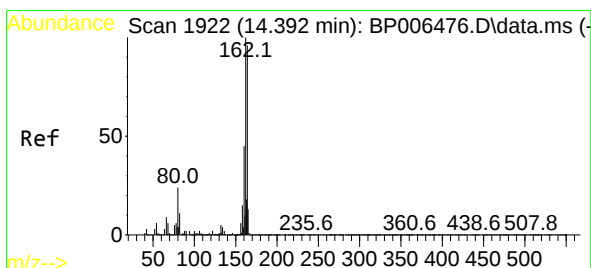
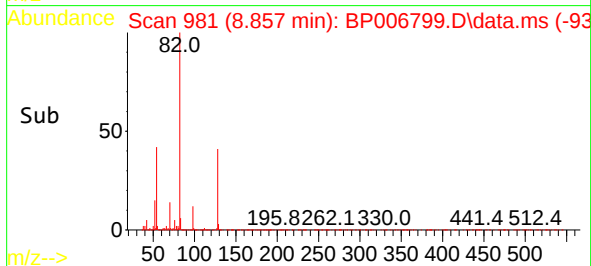
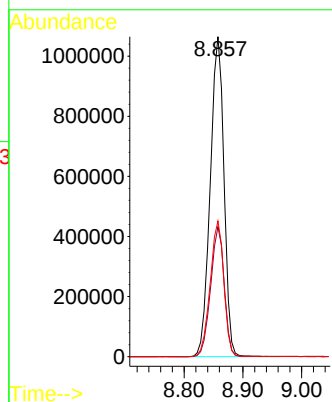
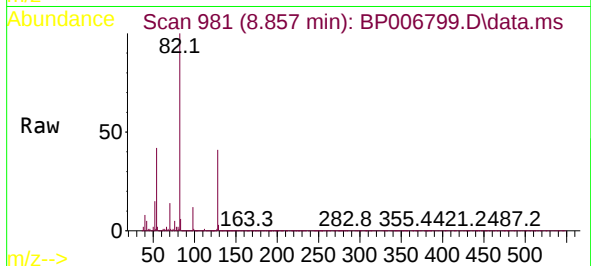




#23
Nitrobenzene-d5
Concen: 72.706 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

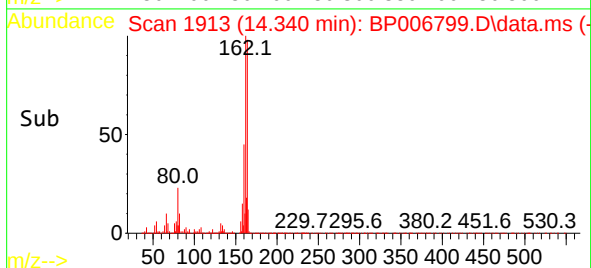
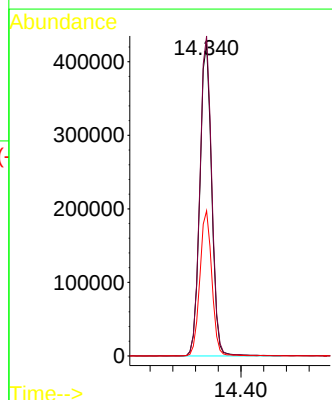
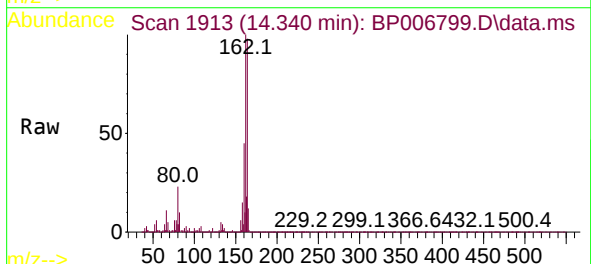
Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510

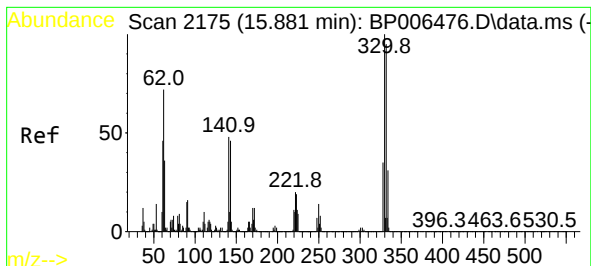
Tgt Ion: 82 Resp: 1725527
Ion Ratio Lower Upper
82 100
128 40.6 35.7 53.5
54 42.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

Tgt Ion:164 Resp: 614190
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 46.4 34.5 51.7

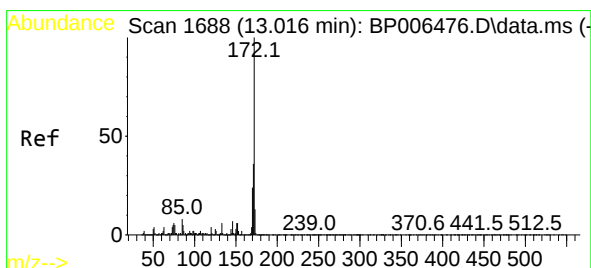
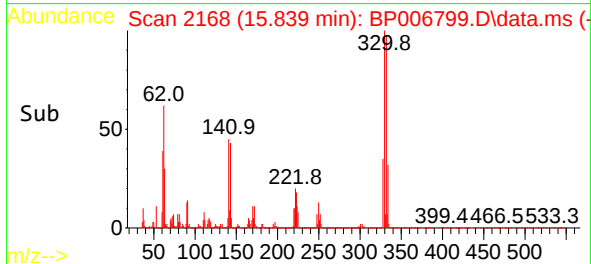
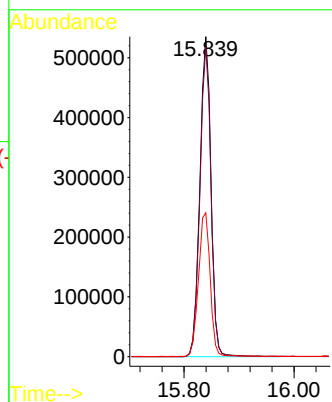
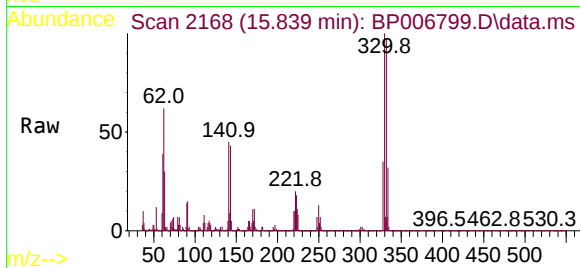




#42
2,4,6-Tribromophenol
Concen: 117.454 ng
RT: 15.839 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

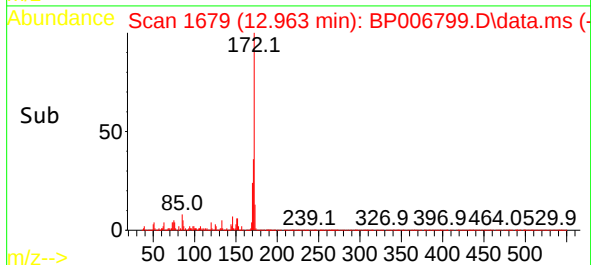
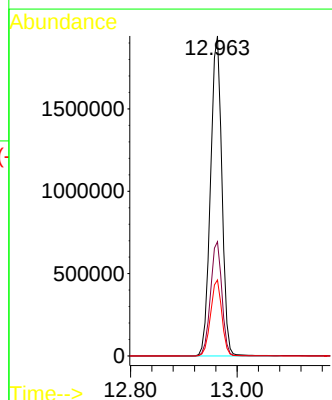
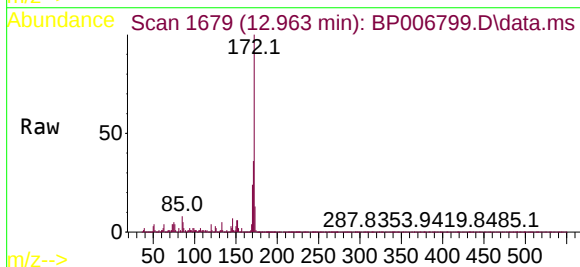
Instrument :
BNA_P
ClientSampleId :
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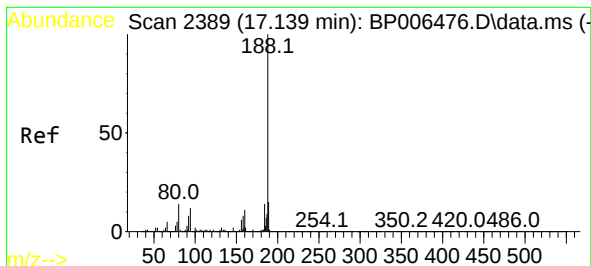
Tgt Ion:330 Resp: 753930
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 47.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 70.042 ng
RT: 12.963 min Scan# 1679
Delta R.T. 0.006 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

Tgt Ion:172 Resp: 2875379
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.7 18.6 27.8

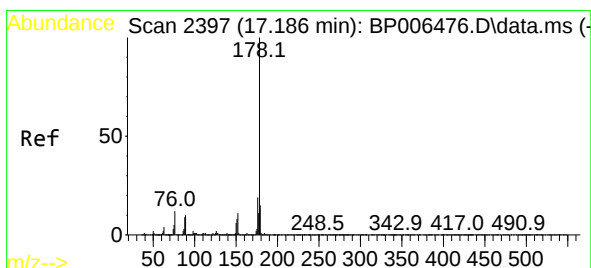
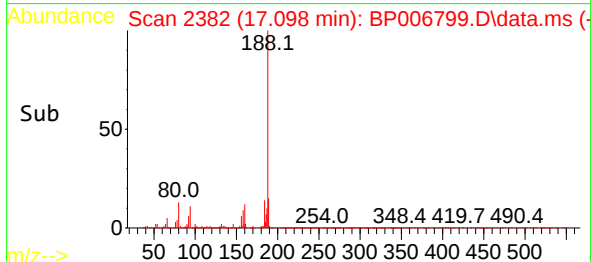
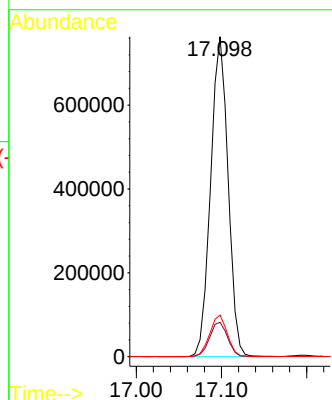
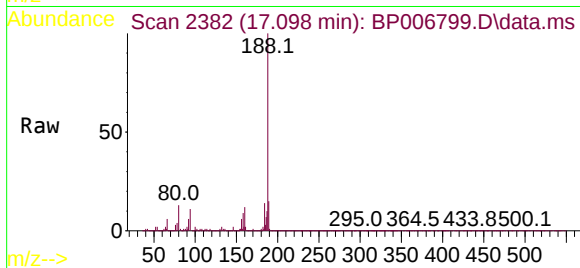




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

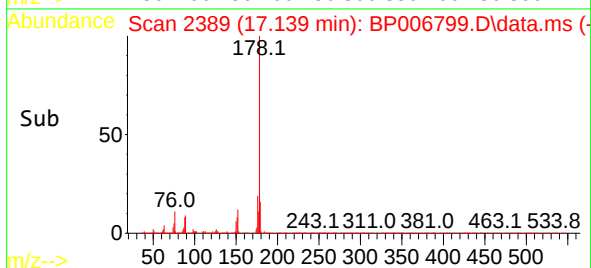
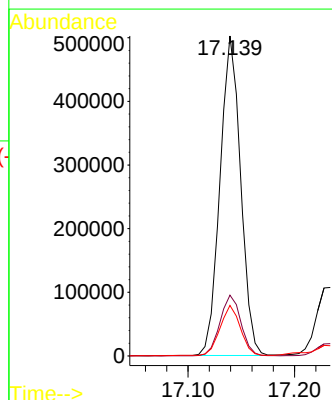
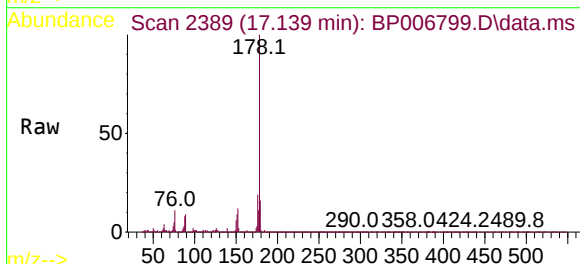
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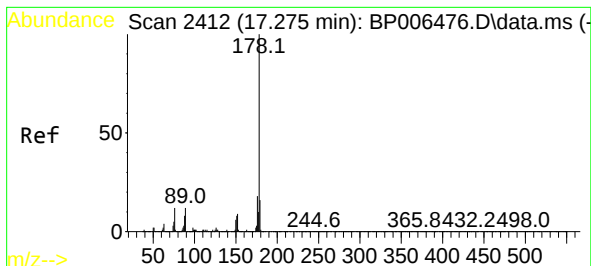
Tgt Ion:188 Resp: 1083889
Ion Ratio Lower Upper
188 100
94 10.8 5.6 8.4#
80 13.0 6.3 9.5#



#71
Phenanthrene
Concen: 11.027 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

Tgt Ion:178 Resp: 674149
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.8 12.4 18.6

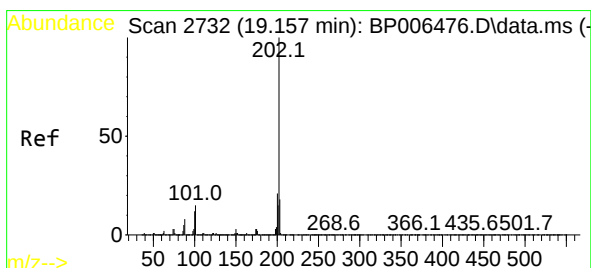
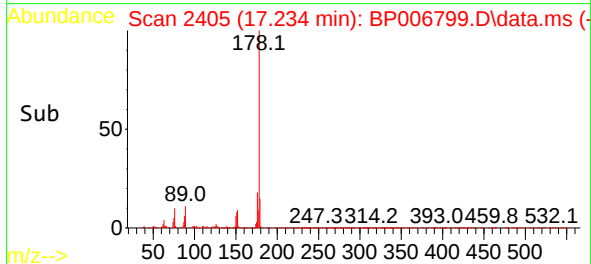
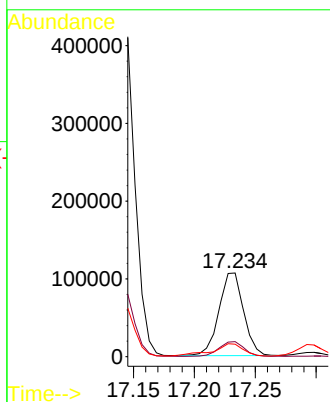
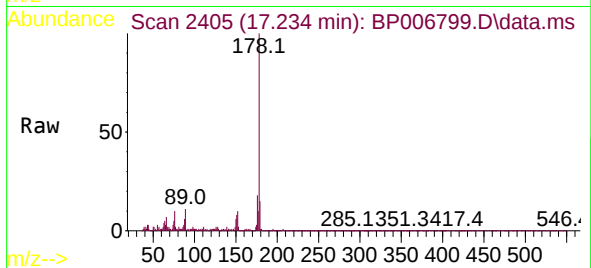




#72
 Anthracene
 Concen: 2.541 ng
 RT: 17.234 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: BP006799.D
 Acq: 20 Aug 2021 14:24

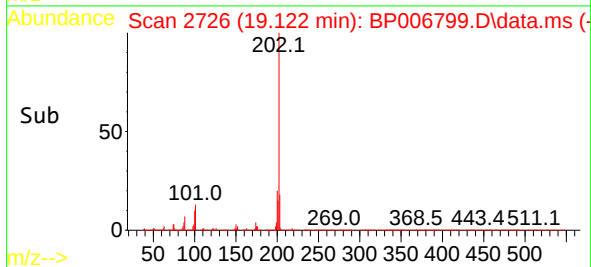
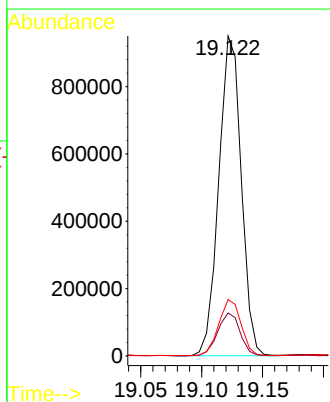
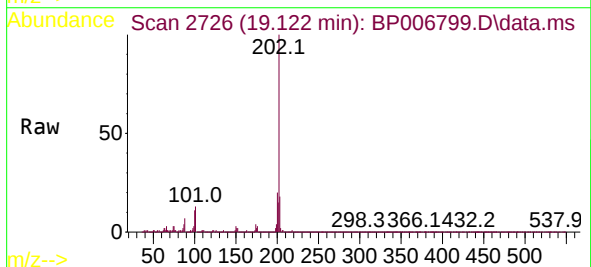
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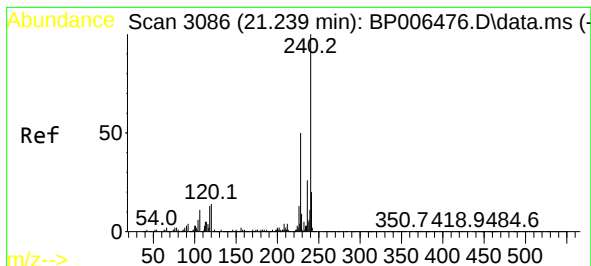
Tgt Ion:178 Resp: 150126
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.9 22.3
 179 14.9 12.2 18.2



#75
 Fluoranthene
 Concen: 17.775 ng
 RT: 19.122 min Scan# 2726
 Delta R.T. 0.000 min
 Lab File: BP006799.D
 Acq: 20 Aug 2021 14:24

Tgt Ion:202 Resp: 1219719
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 27.6
 203 17.6 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: BP006799.D

Acq: 20 Aug 2021 14:24

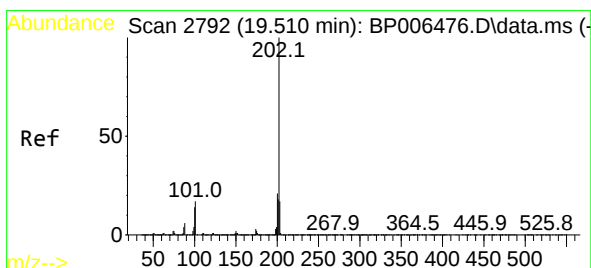
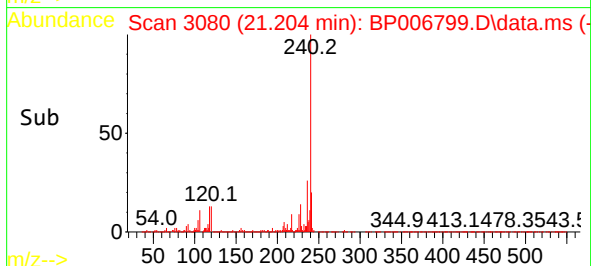
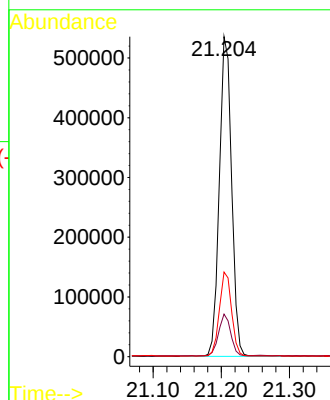
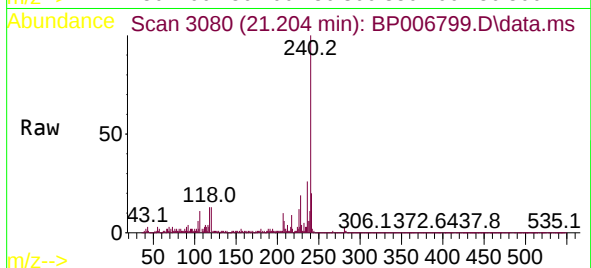
Instrument :

BNA_P

ClientSampleId :

SWCS-04-0510

Tgt Ion:240 Resp: 669082
 Ion Ratio Lower Upper
 240 100
 120 13.3 6.5 9.7#
 236 26.5 20.6 31.0



#78

Pyrene

Concen: 22.665 ng

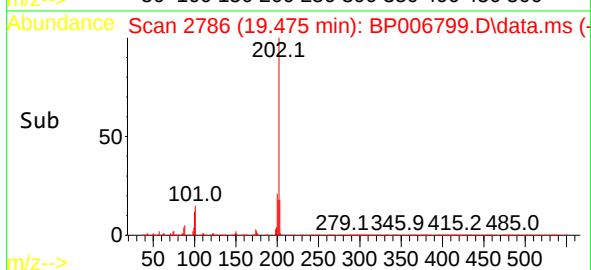
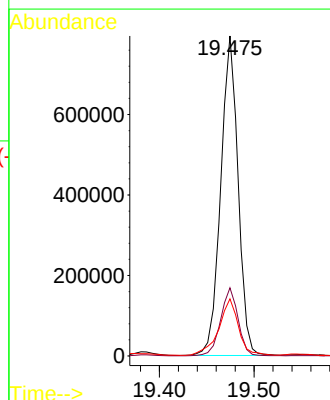
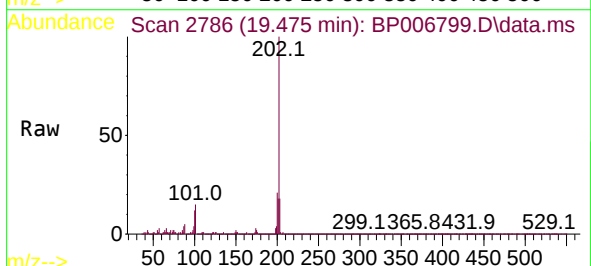
RT: 19.475 min Scan# 2786

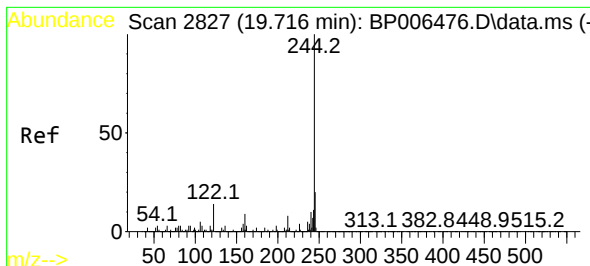
Delta R.T. 0.000 min

Lab File: BP006799.D

Acq: 20 Aug 2021 14:24

Tgt Ion:202 Resp: 1012917
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.3 24.5
 203 17.9 14.2 21.2





#79

Terphenyl-d14

Concen: 78.954 ng

RT: 19.680 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BP006799.D

Acq: 20 Aug 2021 14:24

Instrument :

BNA_P

ClientSampleId :

SWCS-04-0510

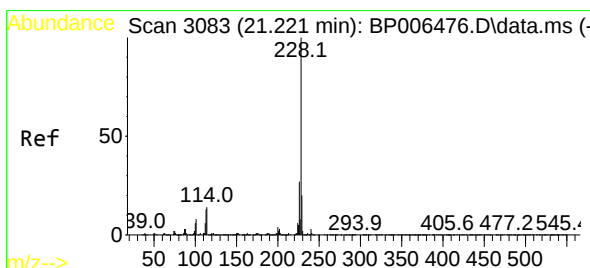
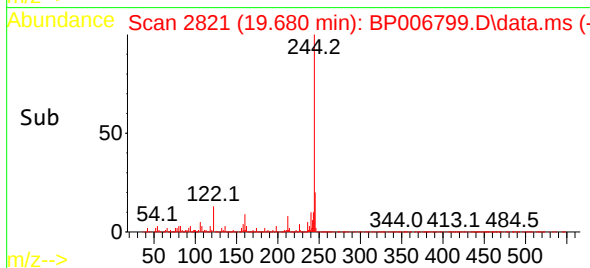
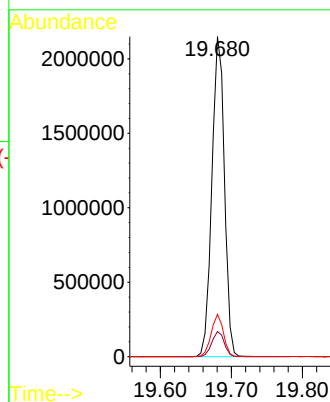
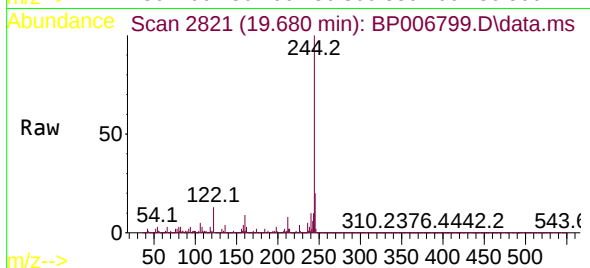
Tgt Ion:244 Resp: 2636347

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 13.3 7.1 10.7#



#81

Benzo(a)anthracene

Concen: 9.607 ng

RT: 21.192 min Scan# 3078

Delta R.T. 0.000 min

Lab File: BP006799.D

Acq: 20 Aug 2021 14:24

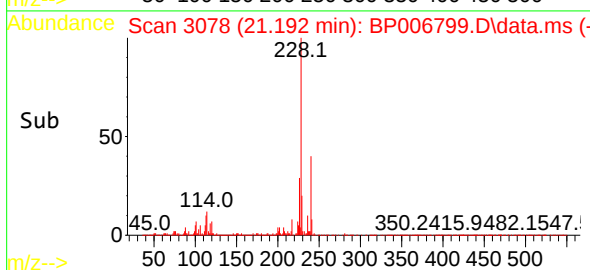
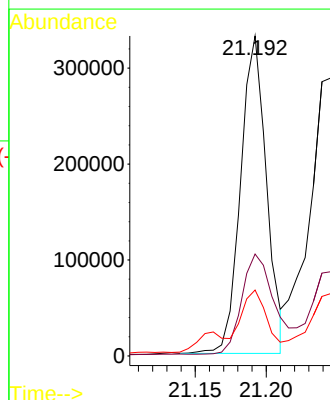
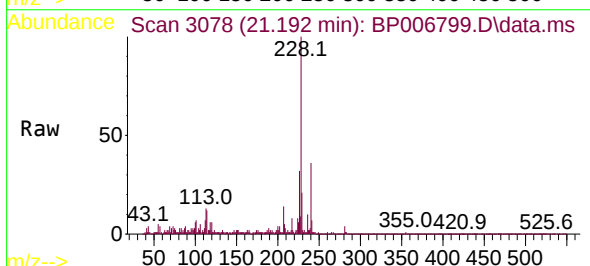
Tgt Ion:228 Resp: 420077

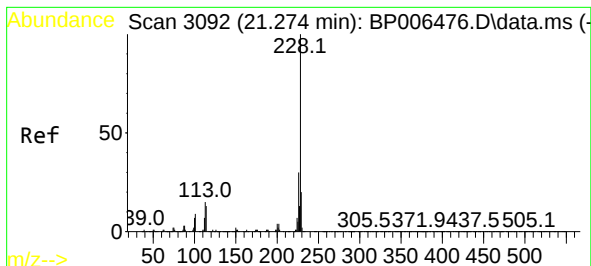
Ion Ratio Lower Upper

228 100

226 31.8 21.6 32.4

229 20.6 15.8 23.6





#83

Chrysene

Concen: 9.836 ng

RT: 21.245 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP006799.D

Acq: 20 Aug 2021 14:24

Tgt Ion:228 Resp: 416968

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

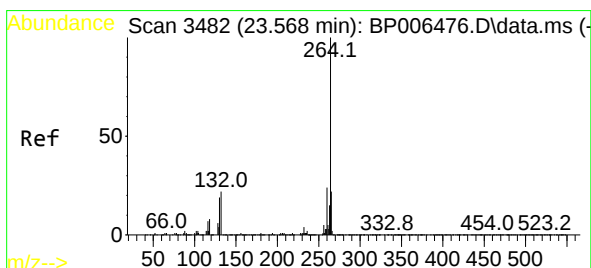
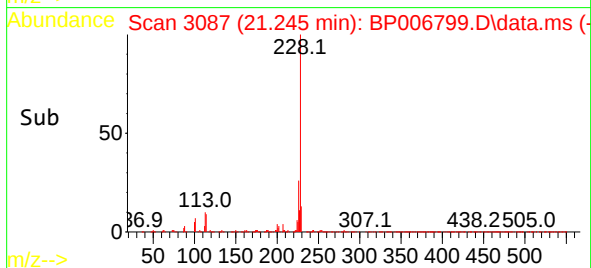
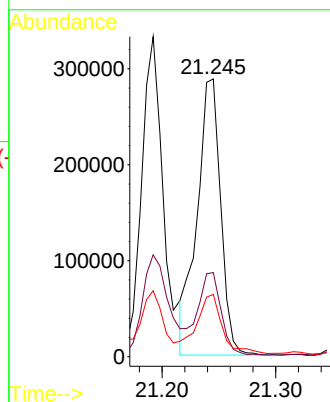
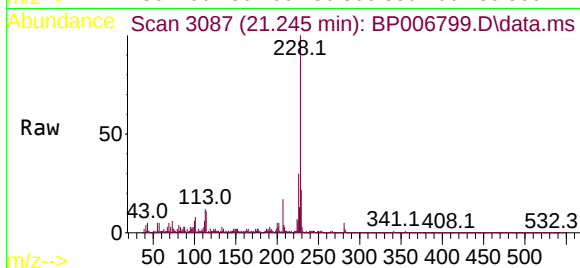
229 22.4 15.4 23.2

Instrument :

BNA_P

ClientSampleId :

SWCS-04-0510



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.521 min Scan# 3474

Delta R.T. 0.006 min

Lab File: BP006799.D

Acq: 20 Aug 2021 14:24

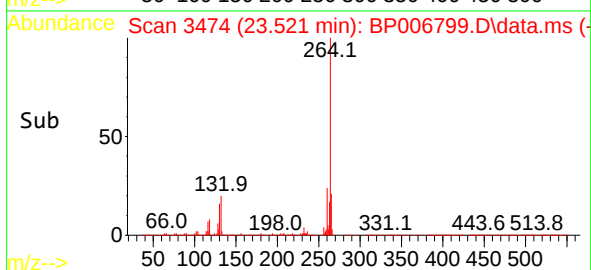
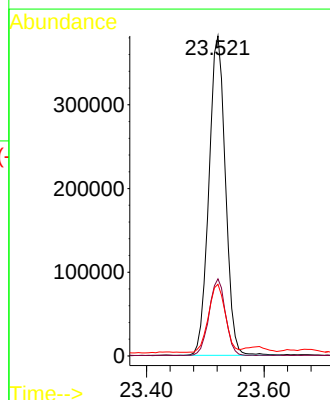
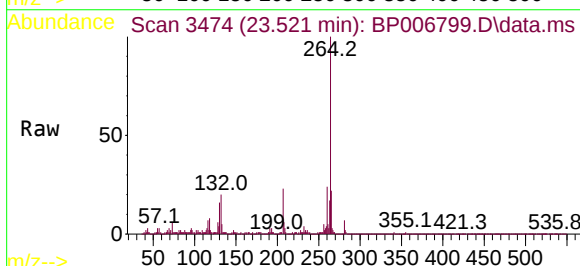
Tgt Ion:264 Resp: 743627

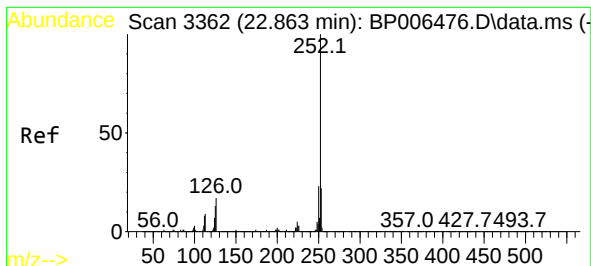
Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 22.4 17.6 26.4





#88

Benzo(b)fluoranthene

Concen: 12.883 ng

RT: 22.821 min Scan# 3355

Delta R.T. 0.006 min

Lab File: BP006799.D

Acq: 20 Aug 2021 14:24

Instrument :

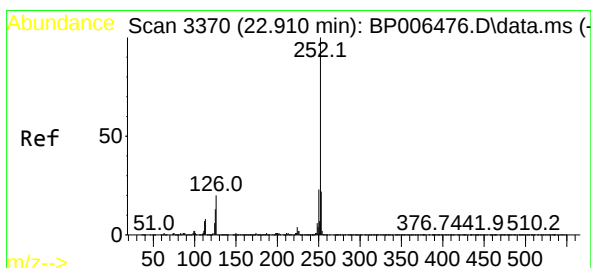
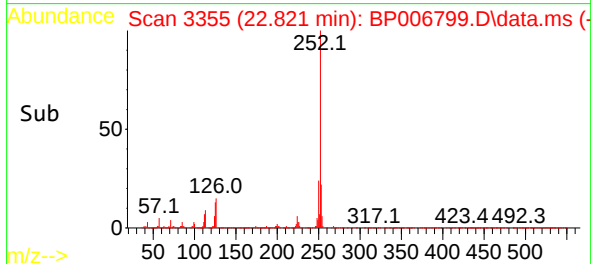
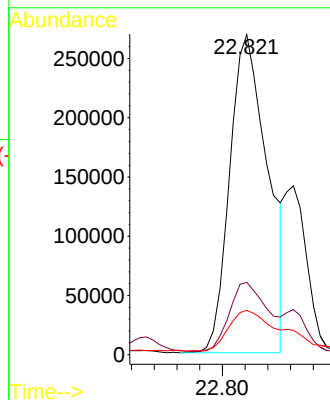
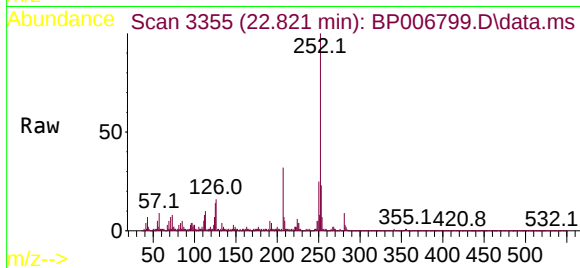
BNA_P

ClientSampleId :

SWCS-04-0510

Tgt Ion:252 Resp: 622633

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	13.8	6.2	9.4



#89

Benzo(k)fluoranthene

Concen: 13.418 ng

RT: 22.821 min Scan# 3355

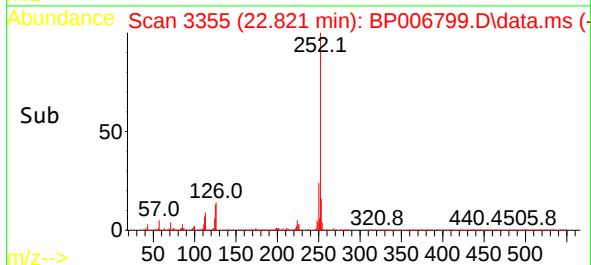
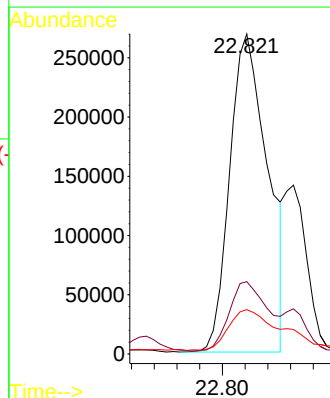
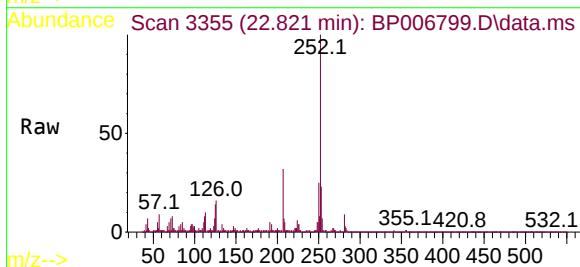
Delta R.T. -0.041 min

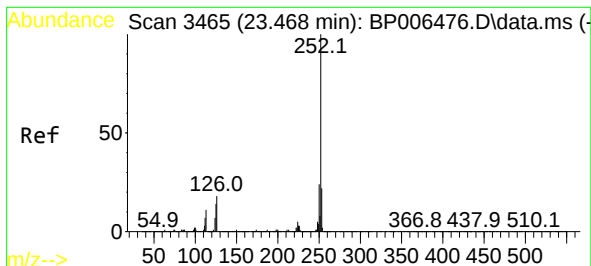
Lab File: BP006799.D

Acq: 20 Aug 2021 14:24

Tgt Ion:252 Resp: 622633

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	13.8	6.0	9.0

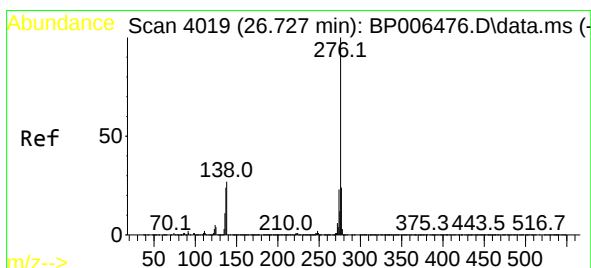
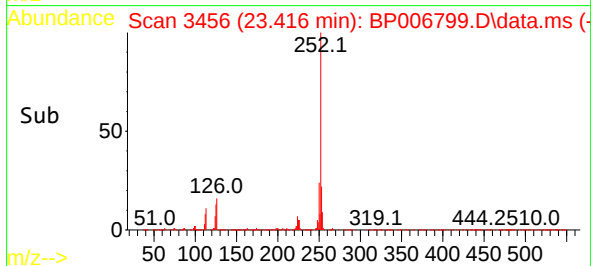
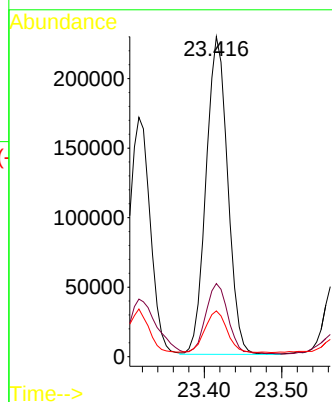
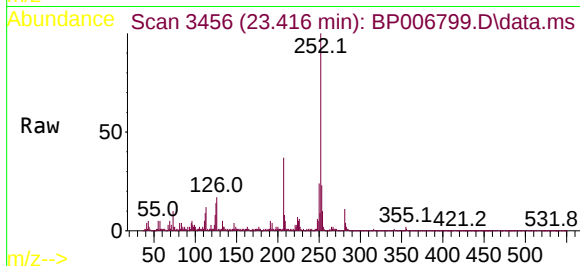




#90
Benzo(a)pyrene
Concen: 10.215 ng
RT: 23.416 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510

Tgt Ion:252 Resp: 442795
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 14.3 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 8.626 ng
RT: 26.639 min Scan# 4004
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

Tgt Ion:276 Resp: 385348
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 24.6 12.6 18.8#

