

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

Manual Integrations
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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	442893m	10.448	ng	
87) Indeno(1,2,3-cd)pyrene	25.898	276	380278m	7.053	ng	
88) Benzo(b)fluoranthene	22.821	252	622633	12.883	ng	# 94
89) Benzo(k)fluoranthene	22.863	252	195004m	4.202	ng	
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

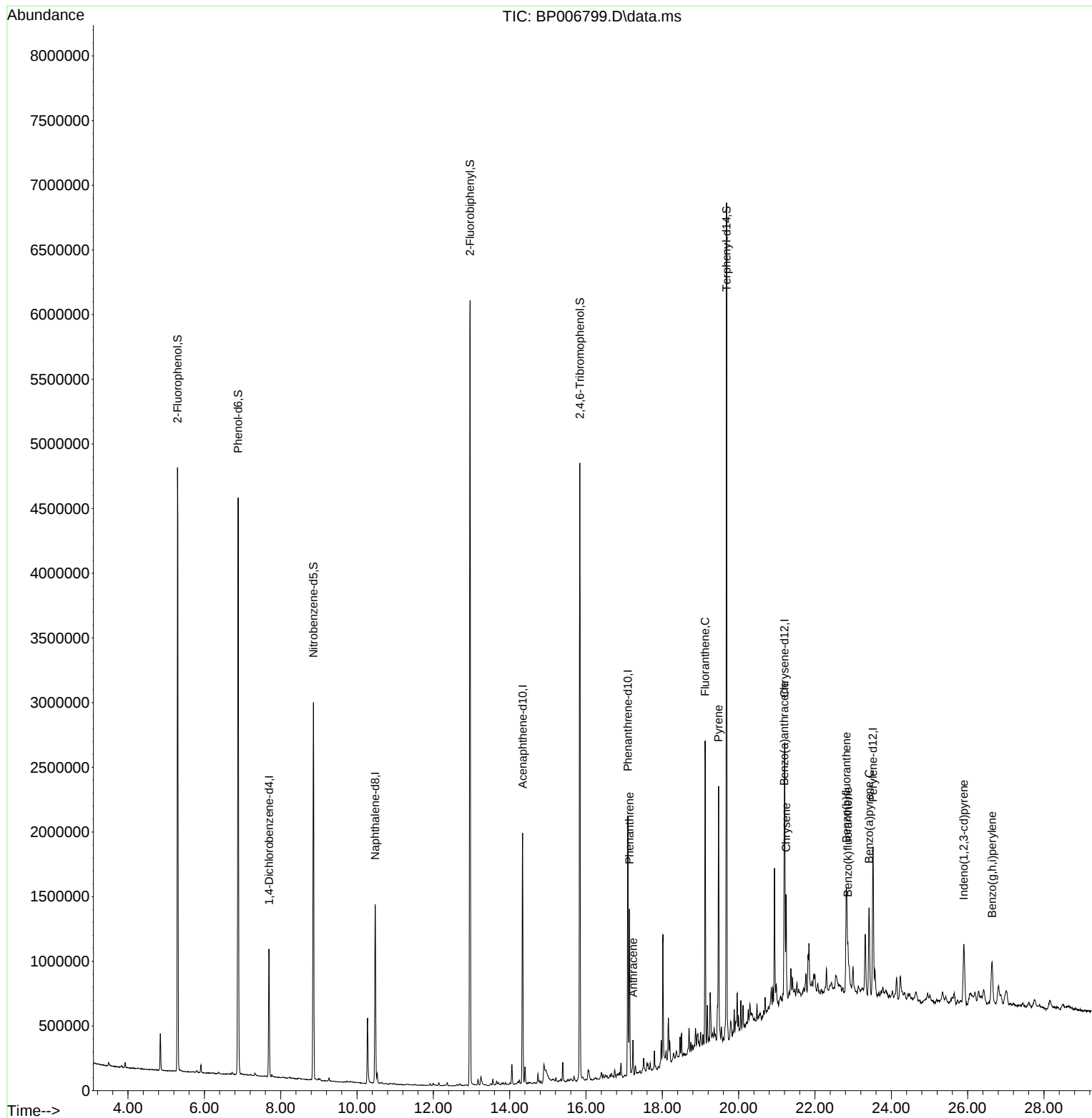
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006799.D
Acq On : 20 Aug 2021 14:24
Operator : CG/JU
Sample : M3398-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

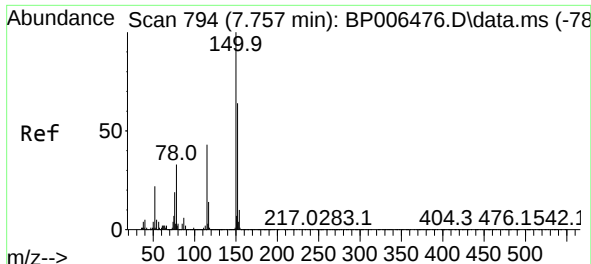
Instrument :
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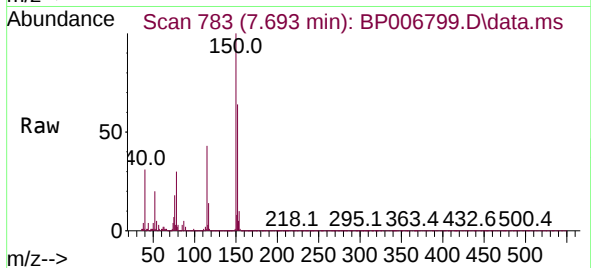
Quant Time: Aug 20 17:02:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 20 11:25:25 2021
Response via : Initial Calibration





#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

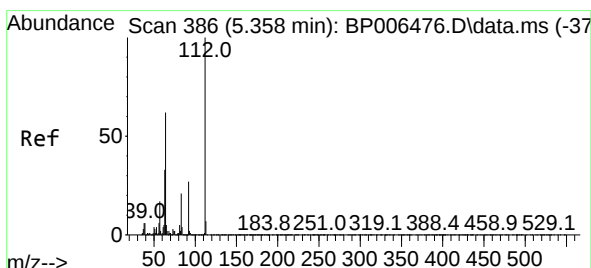
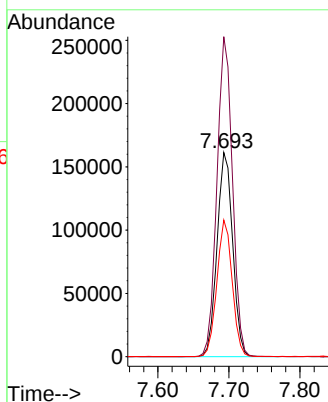
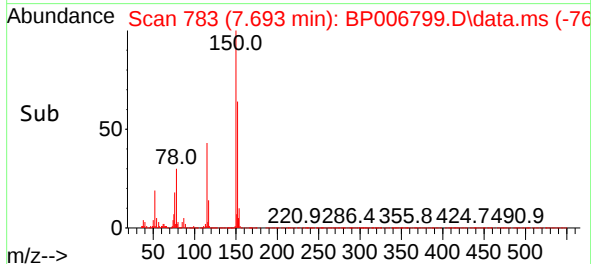
Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510



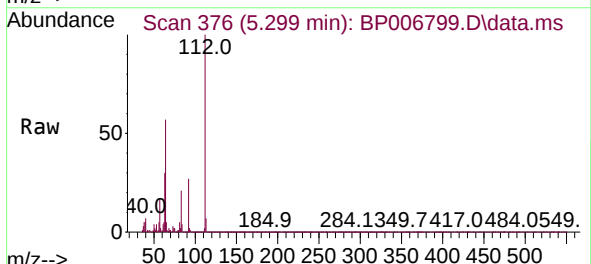
Tgt Ion:152 Resp: 245810
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 66.9 48.5 72.7

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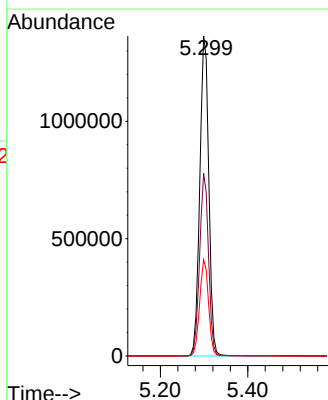
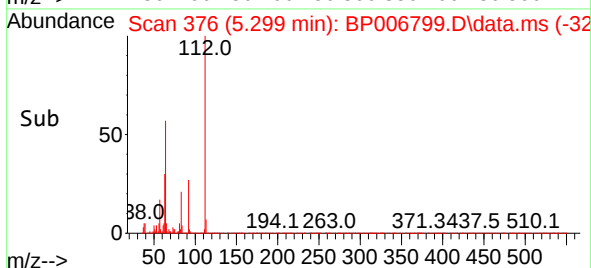
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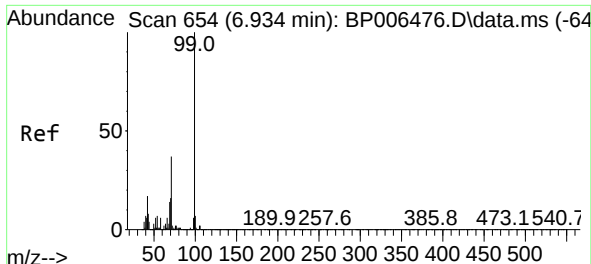


#5
2-Fluorophenol
Concen: 122.090 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24



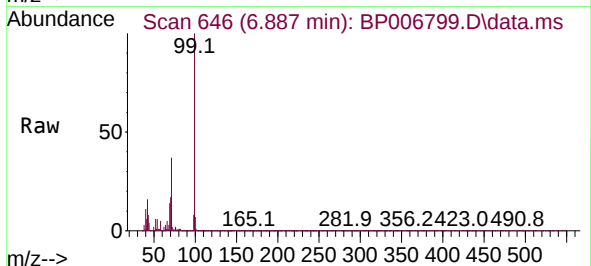
Tgt Ion:112 Resp: 1953905
Ion Ratio Lower Upper
112 100
64 57.1 41.4 62.2
63 30.1 23.8 35.8





#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

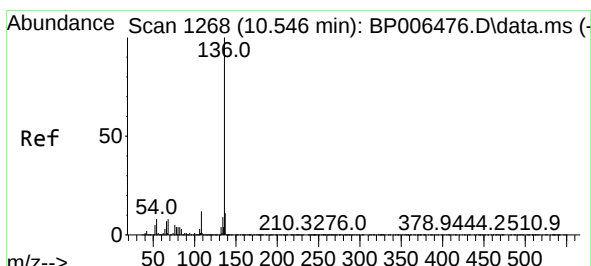
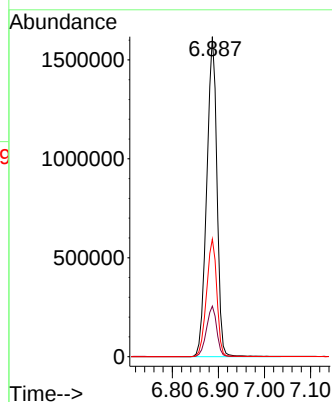
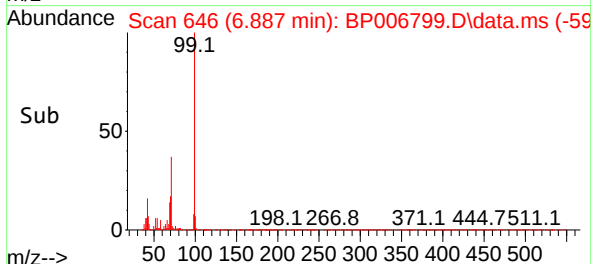
Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510



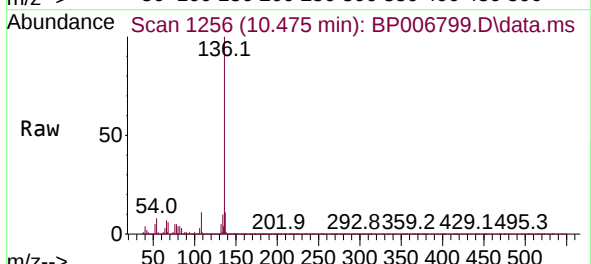
Tgt Ion: 99 Resp: 2508962
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.0
71 36.7 30.6 46.0

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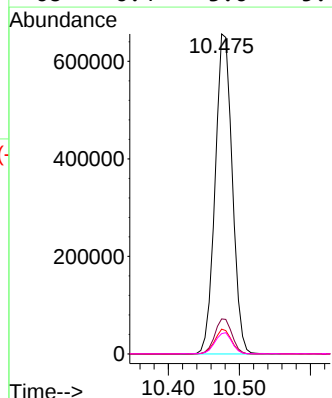
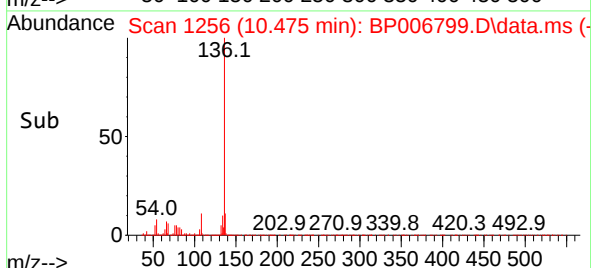
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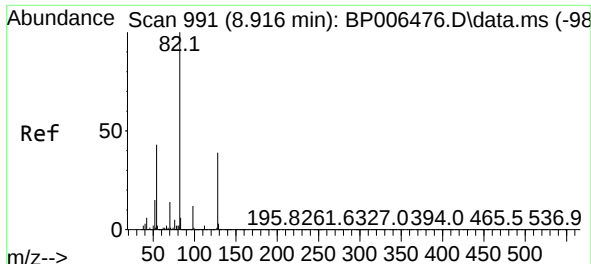


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24



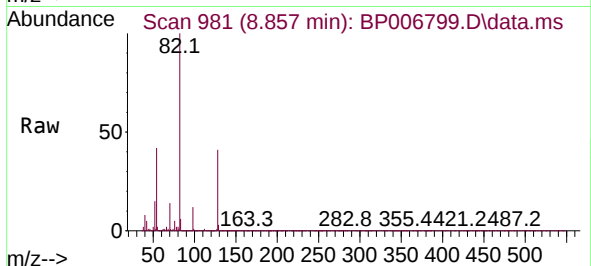
Tgt Ion: 136 Resp: 1095458
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.8 4.6 6.8#
68 6.4 3.6 5.4#





#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

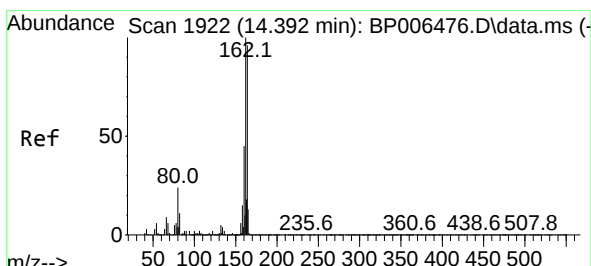
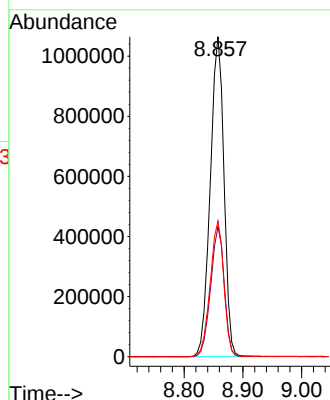
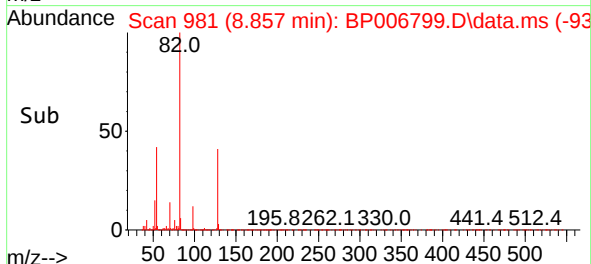
Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510



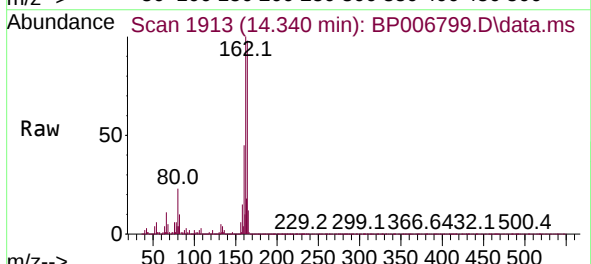
Tgt Ion: 82 Resp: 1725527
Ion Ratio Lower Upper
82 100
128 40.6 35.7 53.5
54 42.4 35.0 52.4

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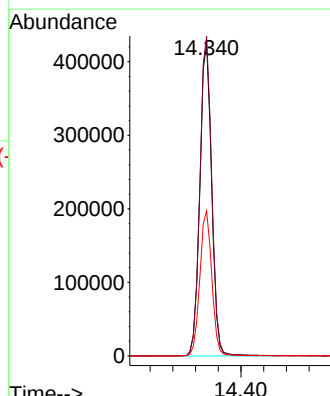
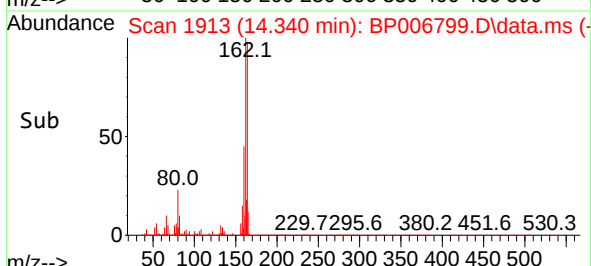
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24



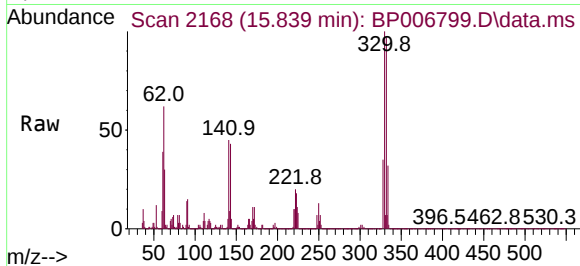
Tgt Ion: 164 Resp: 614190
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 46.4 34.5 51.7





#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

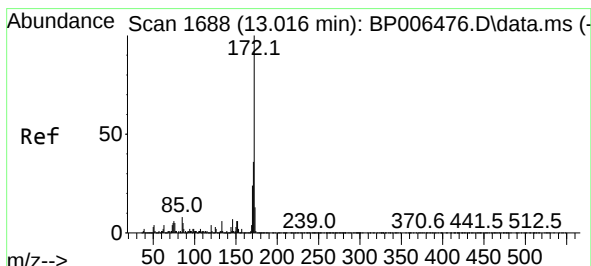
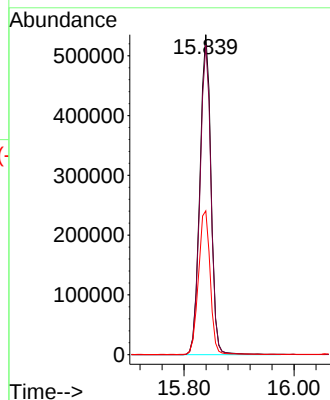
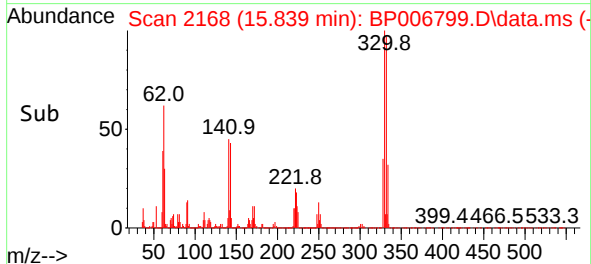
Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510



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#

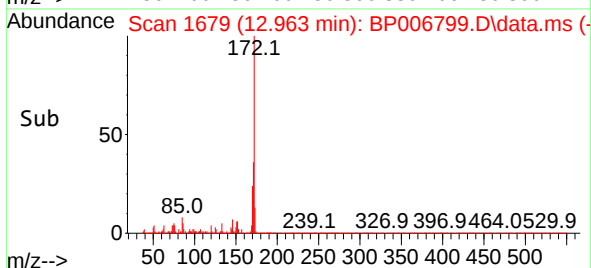
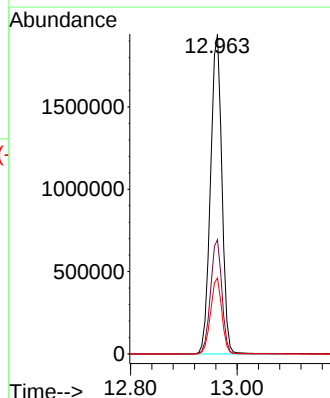
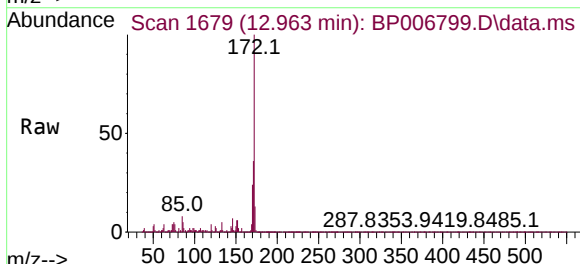
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#45
2-Fluorobiphenyl
Concen: 70.042 ng
RT: 12.963 min Scan# 1679
Delta R.T. 0.006 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

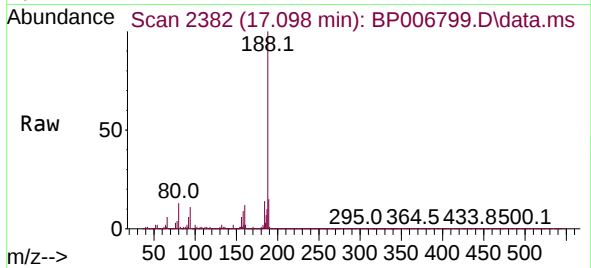
Tgt Ion:172 Resp: 2875379
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.7 18.6 27.8





#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

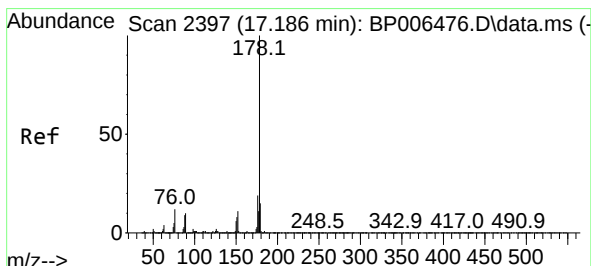
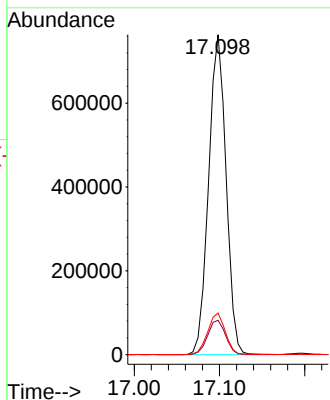
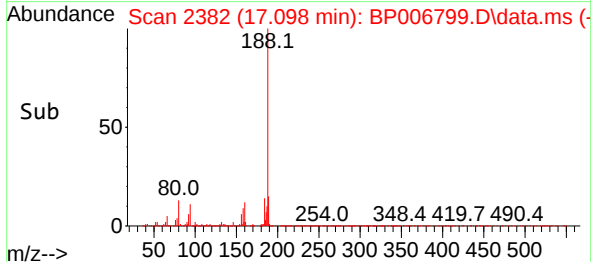
Instrument :
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SWCS-04-0510



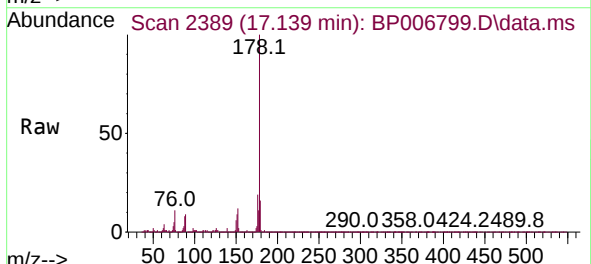
Tgt Ion:188 Resp: 1083889
Ion Ratio Lower Upper
188 100
94 10.8 5.6 8.4#
80 13.0 6.3 9.5#

Manual Integrations
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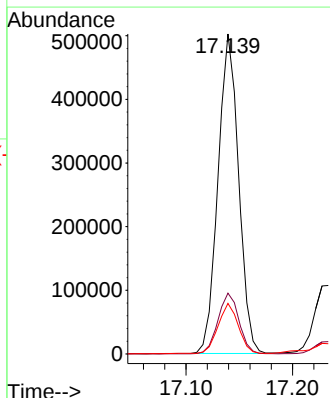
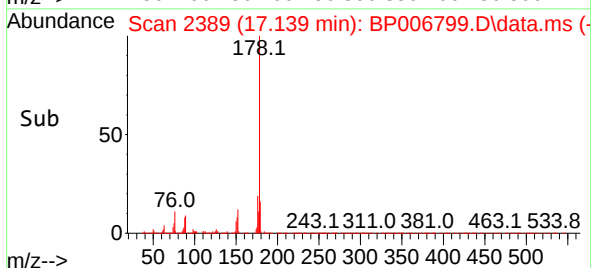
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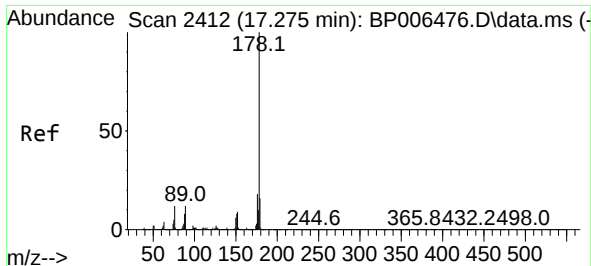


#71
Phenanthrene
Concen: 11.027 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24



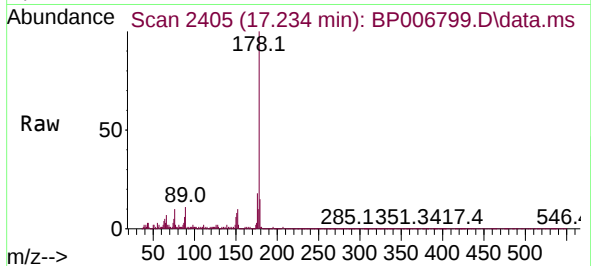
Tgt Ion:178 Resp: 674149
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.8 12.4 18.6





#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

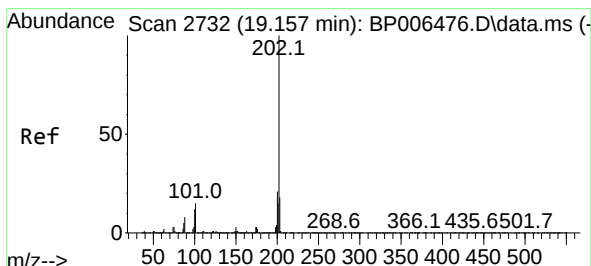
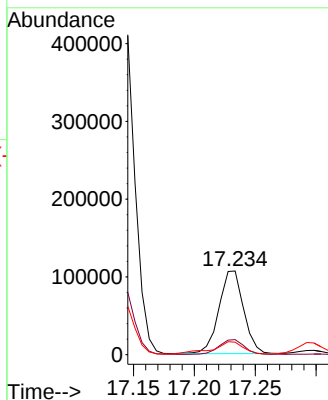
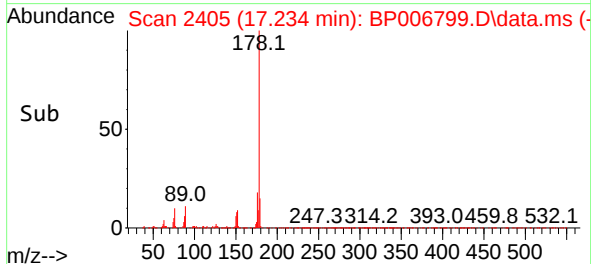
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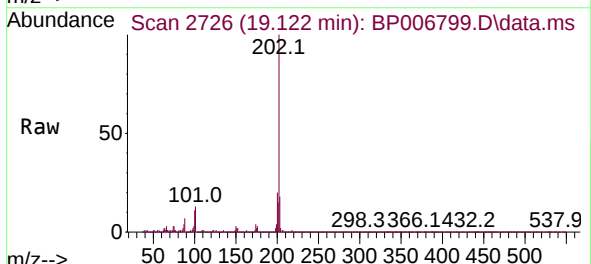
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 Ion Ratio Lower Upper
 178 100
 176 18.0 14.9 22.3
 179 14.9 12.2 18.2

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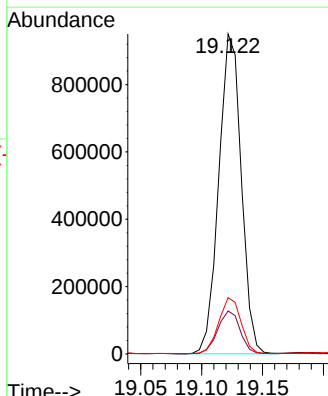
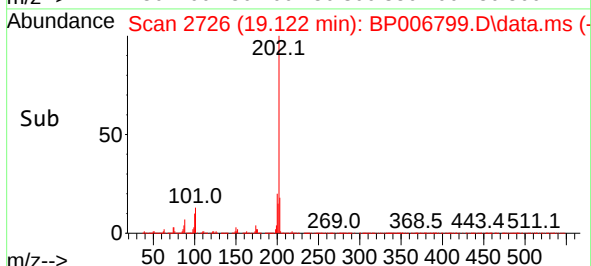
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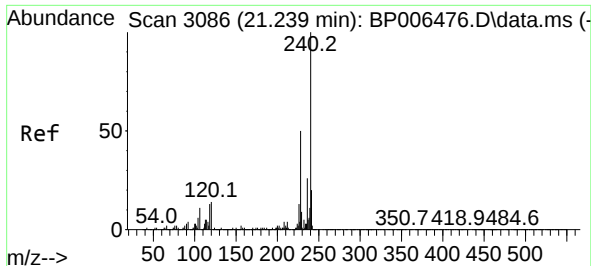


#75
 Fluoranthene
 Concen: 17.775 ng
 RT: 19.122 min Scan# 2726
 Delta R.T. 0.000 min
 Lab File: BP006799.D
 Acq: 20 Aug 2021 14:24



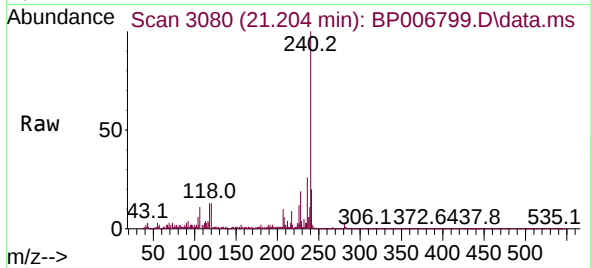
Tgt Ion:202 Resp: 1219719
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 27.6
 203 17.6 0.0 37.8





#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

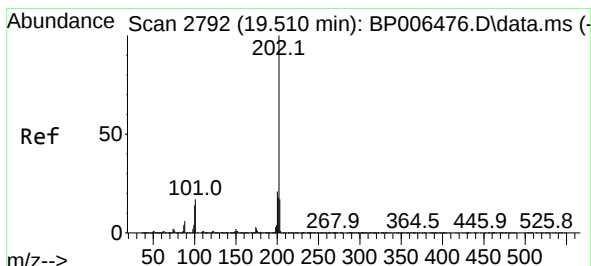
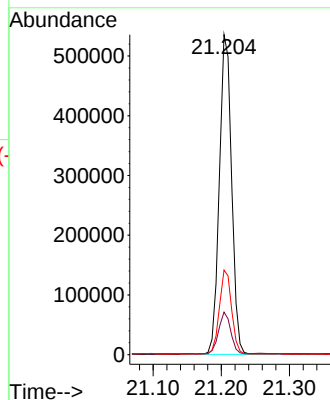
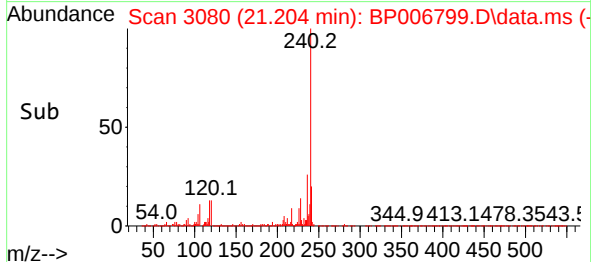
Instrument :
BNA_P
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SWCS-04-0510



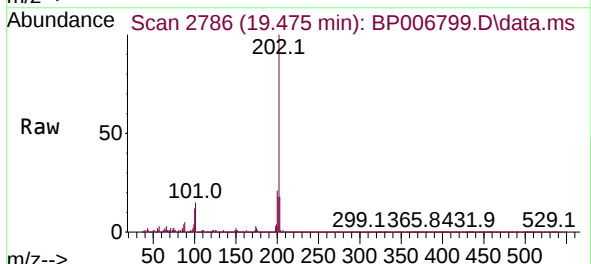
Tgt Ion:240 Resp: 669082
Ion Ratio Lower Upper
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120 13.3 6.5 9.7#
236 26.5 20.6 31.0

Manual Integrations
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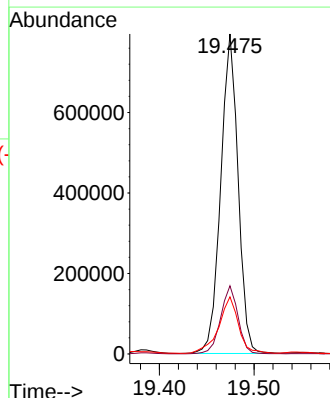
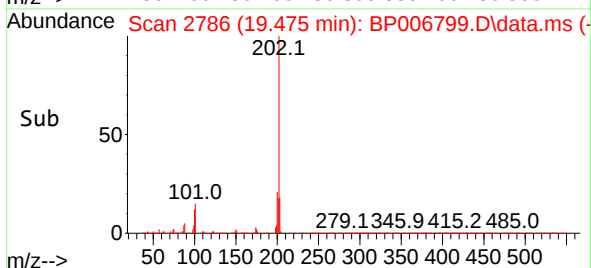
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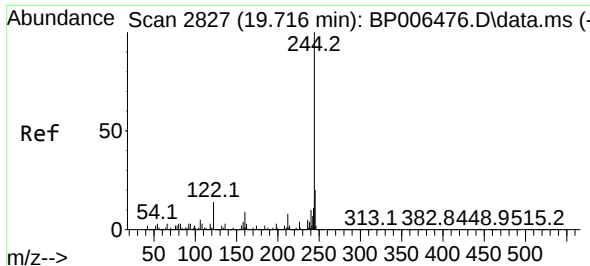


#78
Pyrene
Concen: 22.665 ng
RT: 19.475 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24



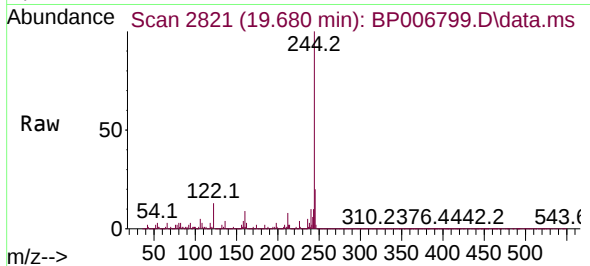
Tgt Ion:202 Resp: 1012917
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 17.9 14.2 21.2





#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

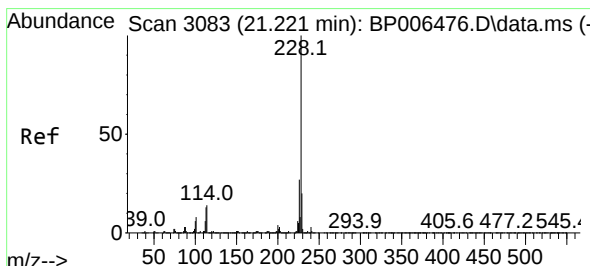
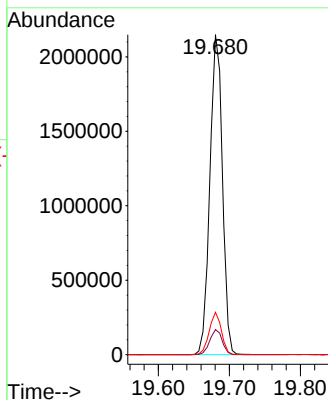
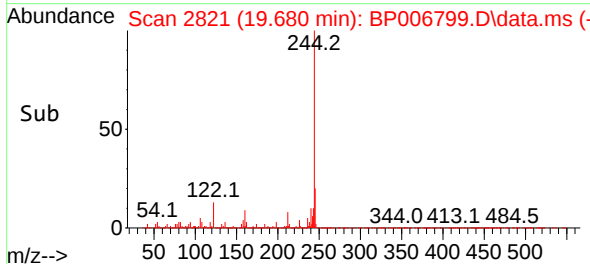
Instrument :
 BNA_P
 ClientSampleId :
 SWCS-04-0510



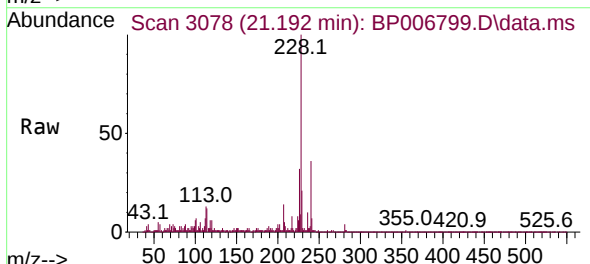
Tgt Ion:244 Resp: 2636347
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 13.3 7.1 10.7#

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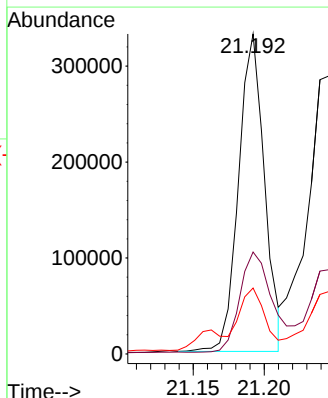
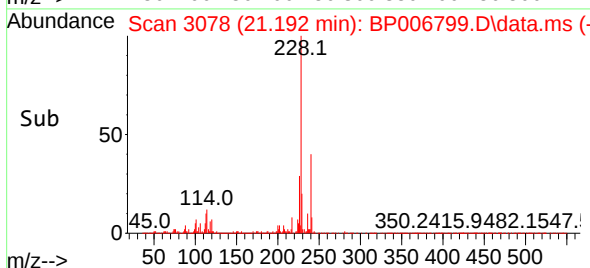
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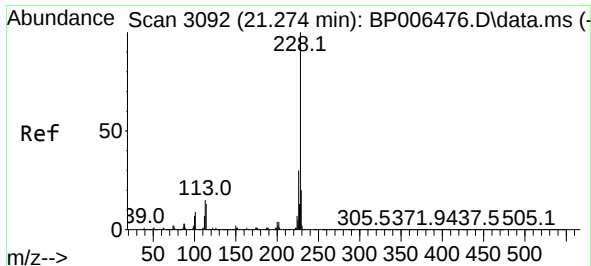


#81
 Benzo(a)anthracene
 Concen: 9.607 ng
 RT: 21.192 min Scan# 3078
 Delta R.T. 0.000 min
 Lab File: BP006799.D
 Acq: 20 Aug 2021 14:24



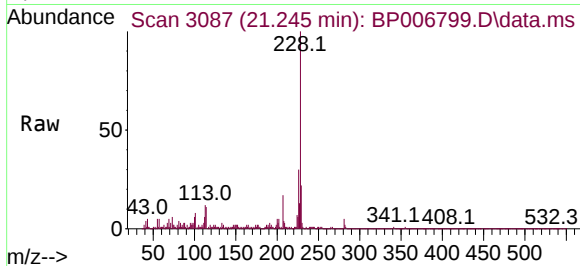
Tgt Ion:228 Resp: 420077
 Ion Ratio Lower Upper
 228 100
 226 31.8 21.6 32.4
 229 20.6 15.8 23.6





#83
Chrysene
Concen: 10.448 ng m
RT: 21.245 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

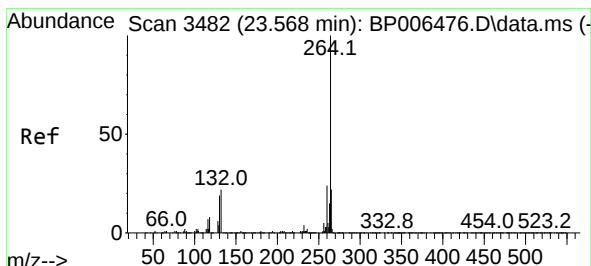
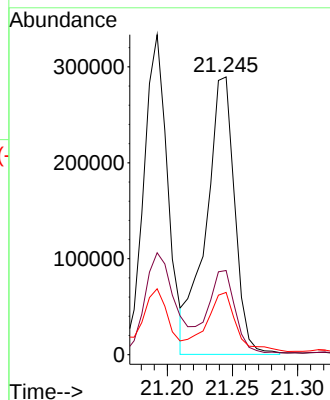
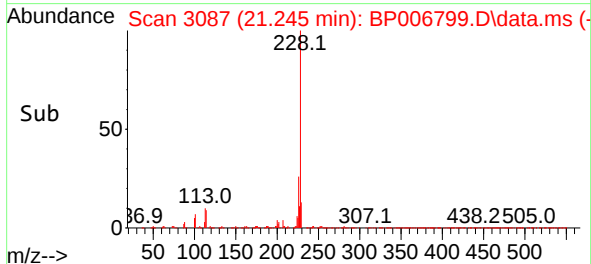
Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510



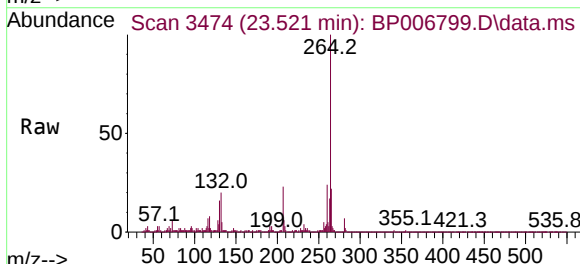
Tgt Ion:228 Resp: 442893
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.6
229 22.4 15.4 23.2

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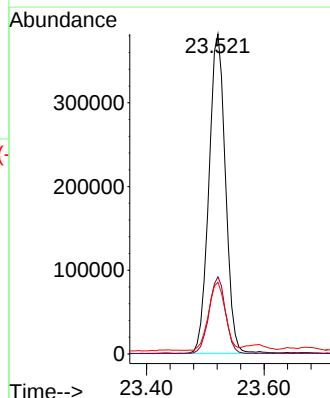
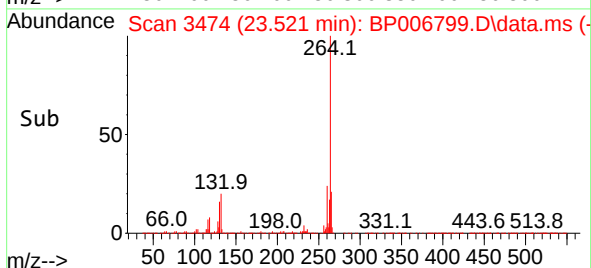
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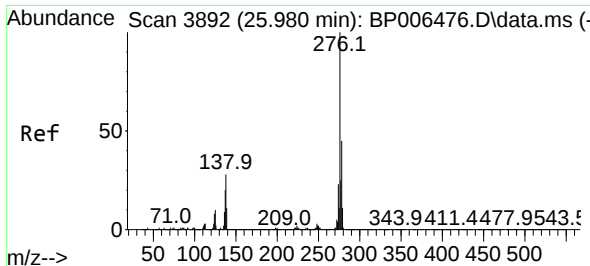


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24



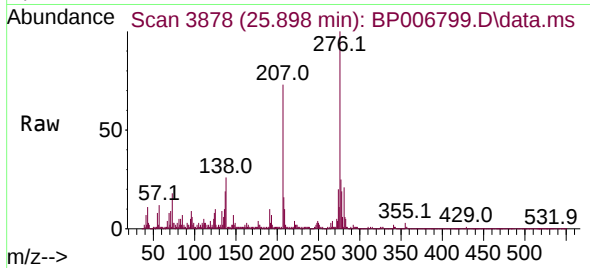
Tgt Ion:264 Resp: 743627
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.4 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.053 ng m
RT: 25.898 min Scan# 3878
Delta R.T. -0.006 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

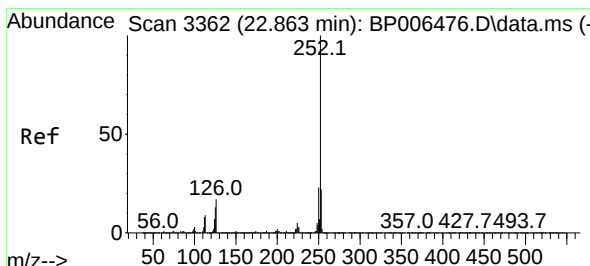
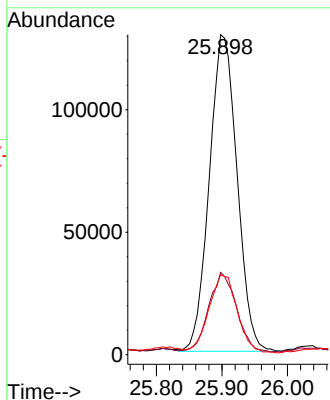
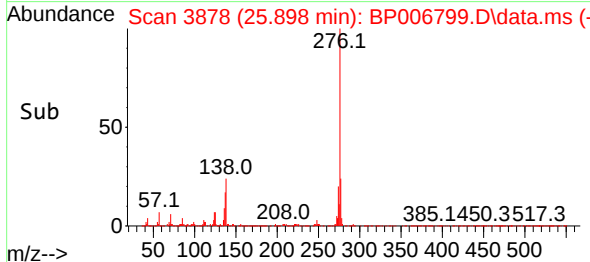
Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510



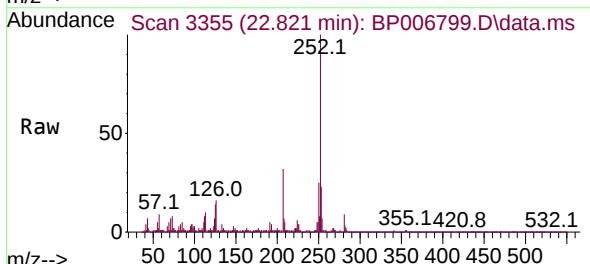
Tgt Ion: 276 Resp: 380278
Ion Ratio Lower Upper
276 100
138 2.2 15.3 22.9#
277 2.7 20.4 30.6#

Manual Integrations
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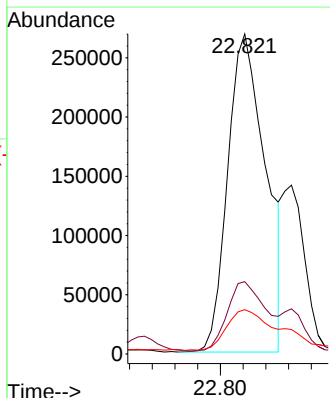
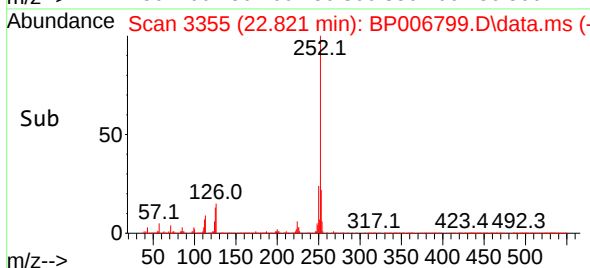
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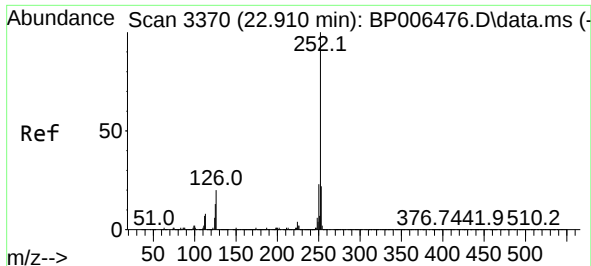


#88
Benzo(b)fluoranthene
Concen: 12.883 ng
RT: 22.821 min Scan# 3355
Delta R.T. 0.006 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24



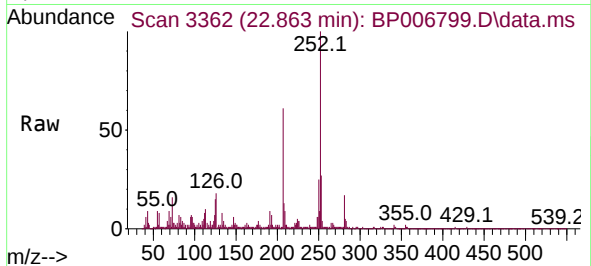
Tgt Ion: 252 Resp: 622633
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 13.8 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 4.202 ng m
RT: 22.863 min Scan# 3362
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24

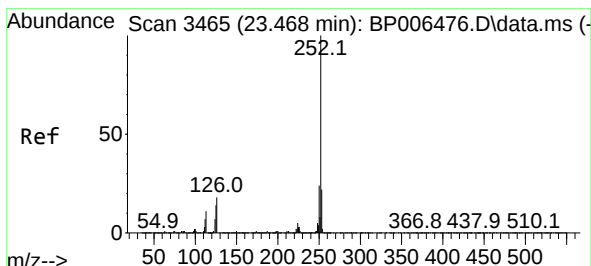
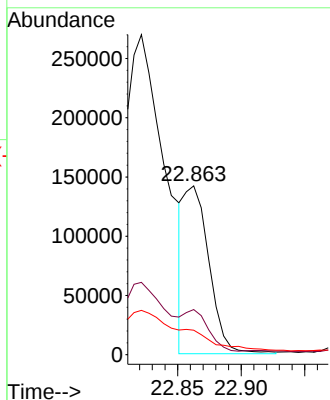
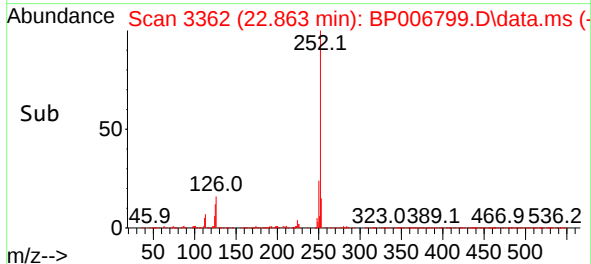
Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510



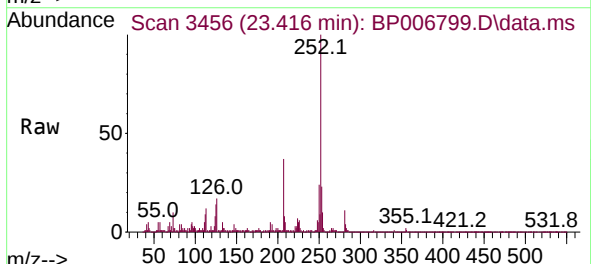
Tgt Ion:252 Resp: 195004
Ion Ratio Lower Upper
252 100
253 26.7 17.6 26.4#
125 14.5 6.0 9.0#

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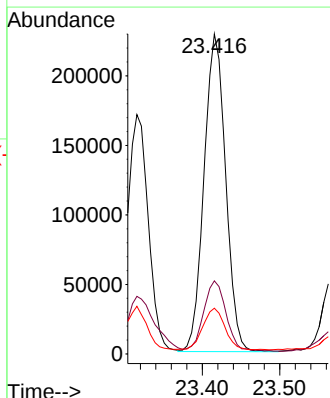
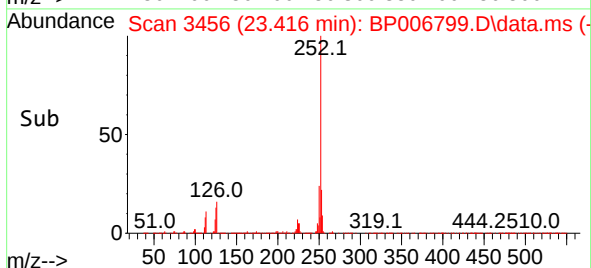
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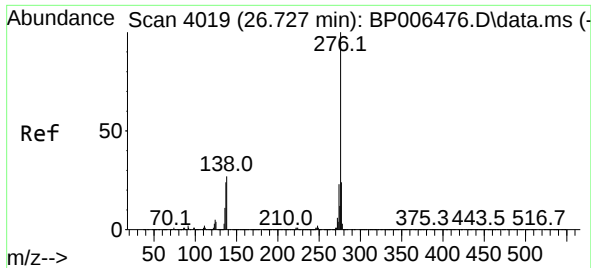


#90
Benzo(a)pyrene
Concen: 10.215 ng
RT: 23.416 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BP006799.D
Acq: 20 Aug 2021 14:24



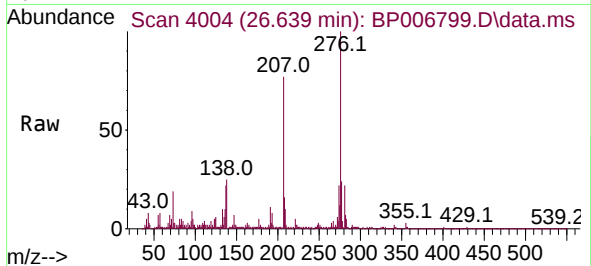
Tgt Ion:252 Resp: 442795
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 14.3 6.5 9.7#





#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

Instrument :
BNA_P
ClientSampleId :
SWCS-04-0510



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#

Manual Integrations
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