

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006821.D
 Acq On : 21 Aug 2021 03:10
 Operator : CG/JU
 Sample : M3419-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-08-0002

Quant Time: Aug 21 04:01:56 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)

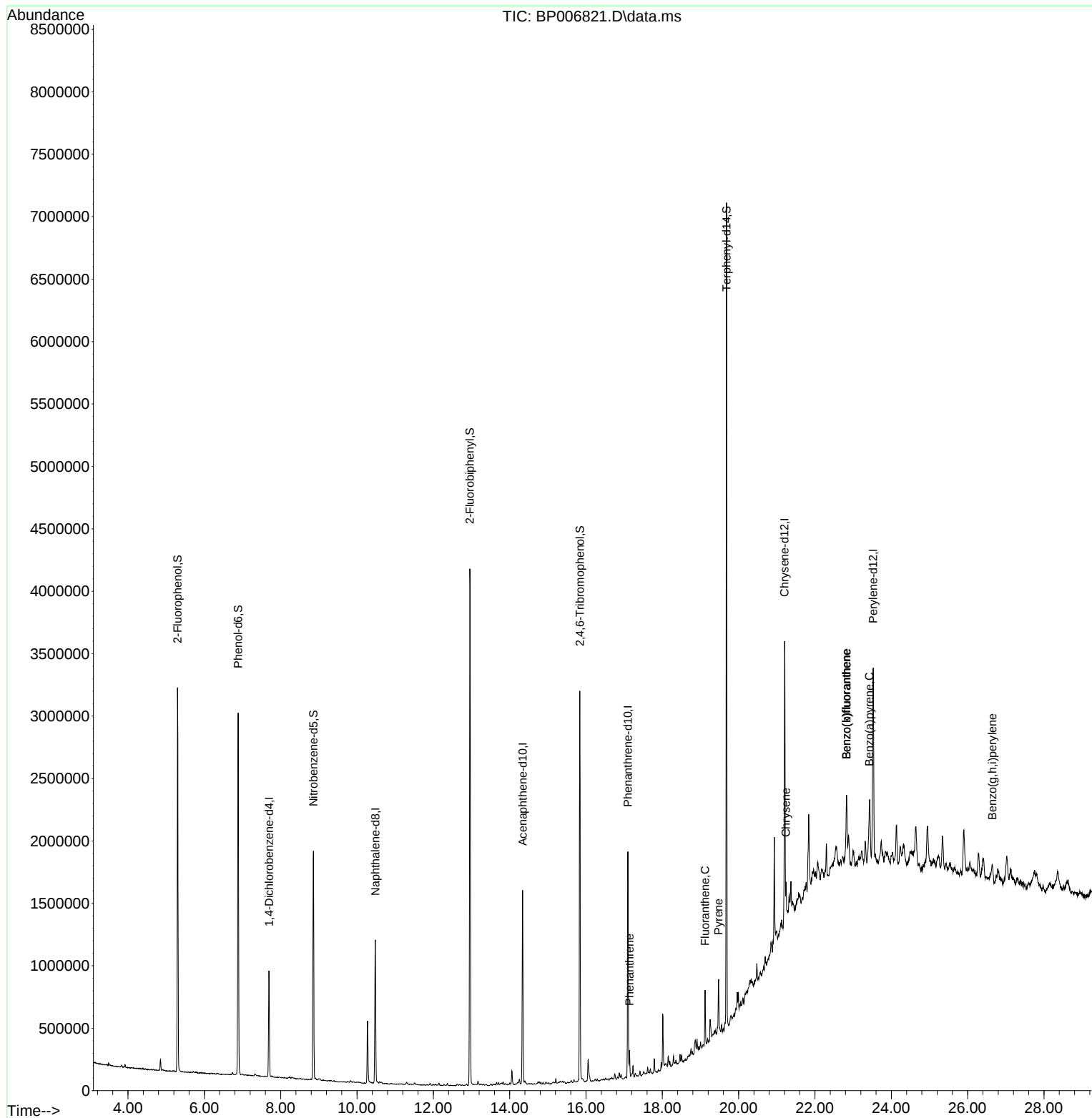
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	214538	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	897718	20.000	ng	# 0.00
39) Acenaphthene-d10	14.340	164	500845	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	973273	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	924316	20.000	ng	# 0.00
86) Perylene-d12	23.527	264	1025790	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1302907	93.279	ng	0.00
7) Phenol-d6	6.887	99	1628836	82.092	ng	0.00
23) Nitrobenzene-d5	8.858	82	1118267	57.497	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	515062	98.400	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1990118	59.449	ng	0.00
79) Terphenyl-d14	19.680	244	2563412	55.571	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.139	178	113380	2.065	ng	99
75) Fluoranthene	19.122	202	218416	3.545	ng	95
78) Pyrene	19.475	202	209622	3.395	ng	98
83) Chrysene	21.239	228	159097	2.717	ng	# 93
88) Benzo(b)fluoranthene	22.822	252	241377	3.621	ng	# 80
89) Benzo(k)fluoranthene	22.822	252	241377	3.771	ng	# 80
90) Benzo(a)pyrene	23.421	252	141462	2.366	ng	# 77
92) Benzo(g,h,i)perylene	26.645	276	143416	2.327	ng	# 84

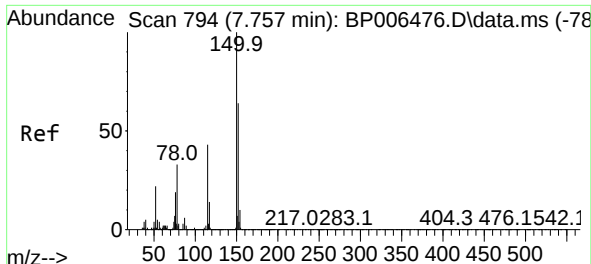
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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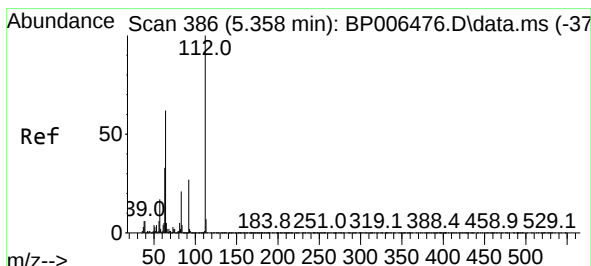
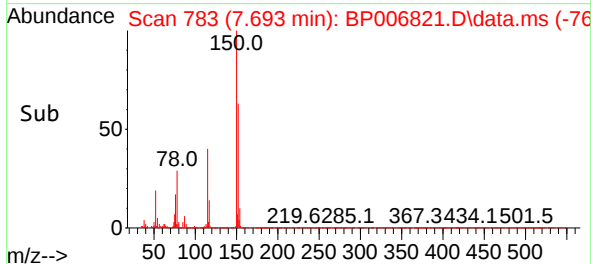
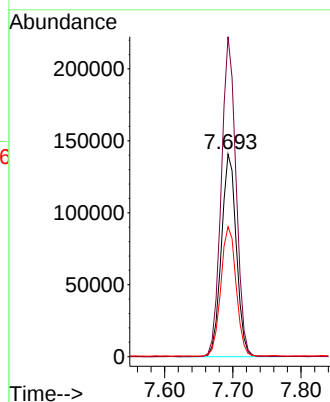
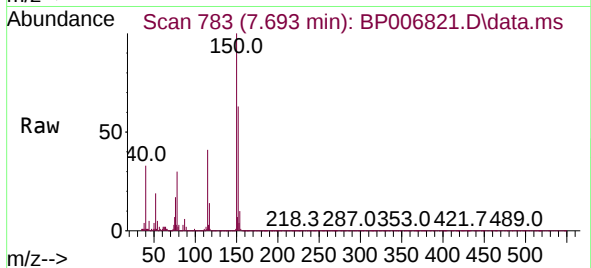




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

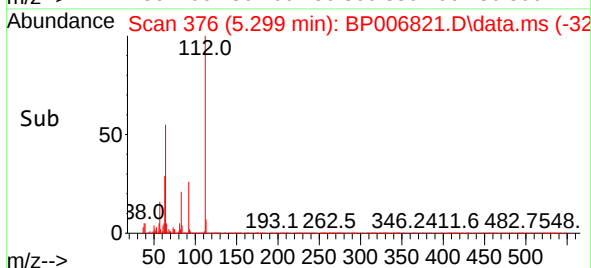
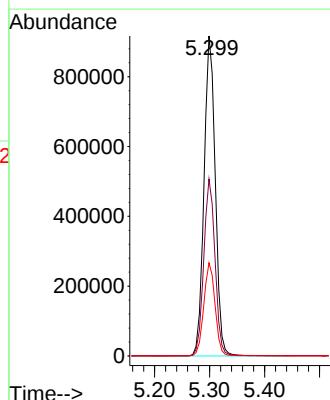
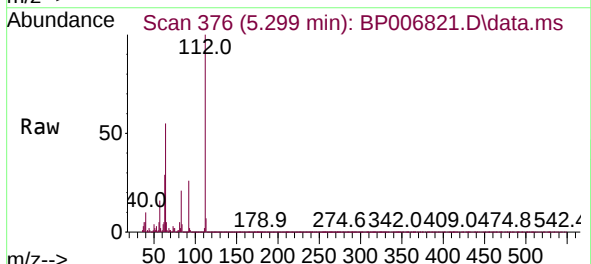
Instrument :
BNA_P
ClientSampleId :
SWCS-08-0002

Tgt Ion:152 Resp: 214538
Ion Ratio Lower Upper
152 100
150 158.0 125.6 188.4
115 64.2 48.5 72.7



#5
2-Fluorophenol
Concen: 93.279 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

Tgt Ion:112 Resp: 1302907
Ion Ratio Lower Upper
112 100
64 55.3 41.4 62.2
63 29.1 23.8 35.8

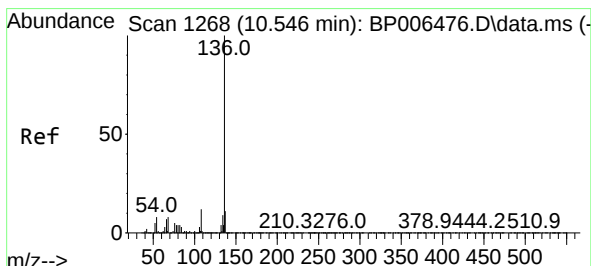
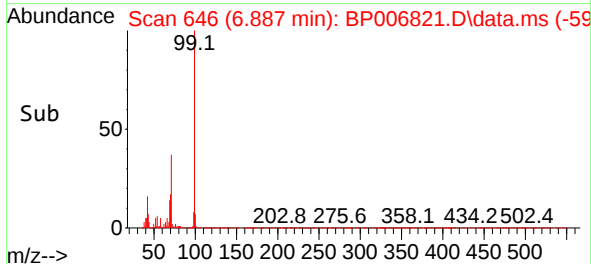
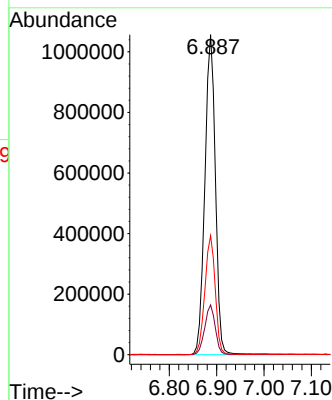
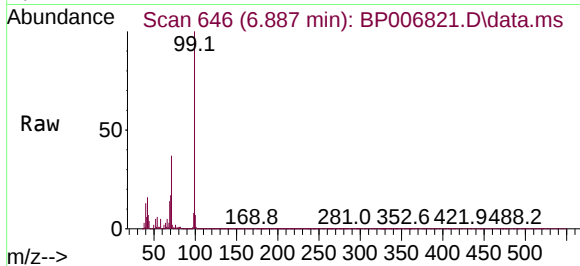




#7
Phenol-d6
Concen: 82.092 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

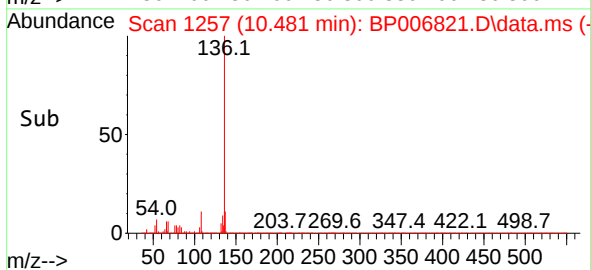
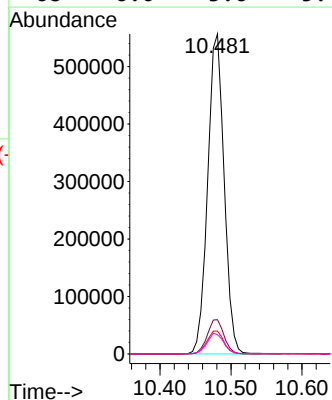
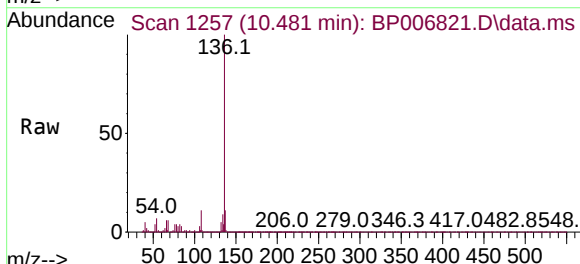
Instrument :
BNA_P
ClientSampleId :
SWCS-08-0002

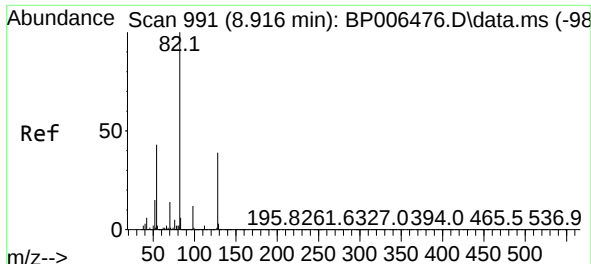
Tgt Ion: 99 Resp: 1628836
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.0
71 37.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

Tgt Ion: 136 Resp: 897718
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.1 4.6 6.8#
68 6.0 3.6 5.4#

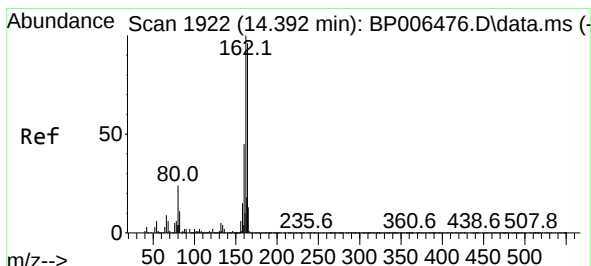
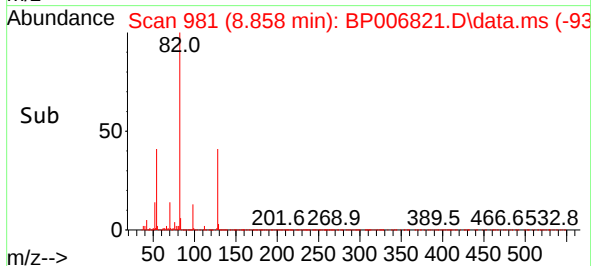
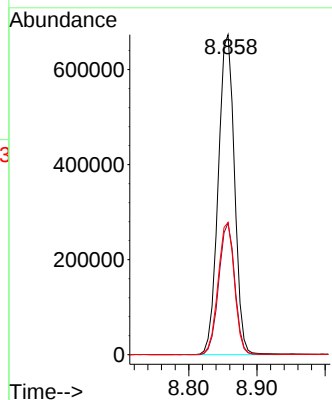
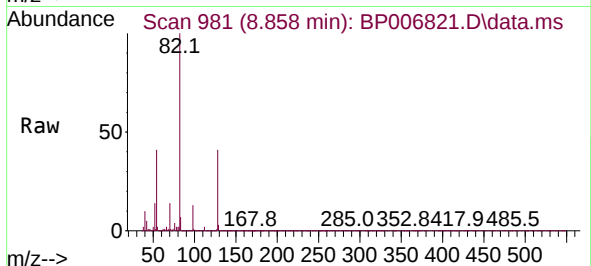




#23
Nitrobenzene-d5
Concen: 57.497 ng
RT: 8.858 min Scan# 981
Delta R.T. 0.000 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

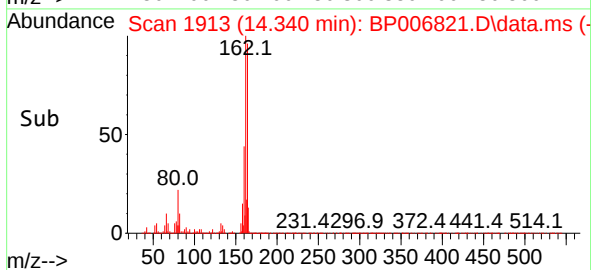
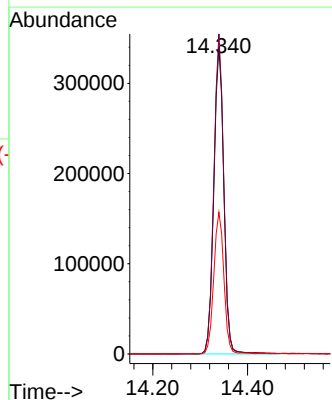
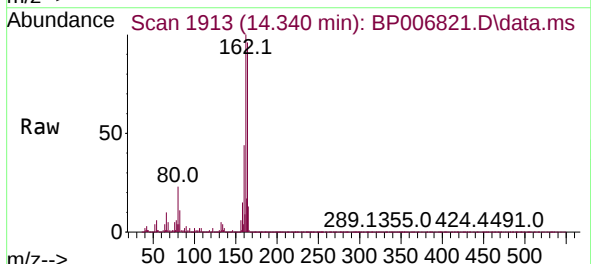
Instrument :
BNA_P
ClientSampleId :
SWCS-08-0002

Tgt Ion: 82 Resp: 1118267
Ion Ratio Lower Upper
82 100
128 41.2 35.7 53.5
54 41.3 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: BP006821.D
Acq: 21 Aug 2021 03:10

Tgt Ion:164 Resp: 500845
Ion Ratio Lower Upper
164 100
162 104.2 80.2 120.2
160 46.1 34.5 51.7

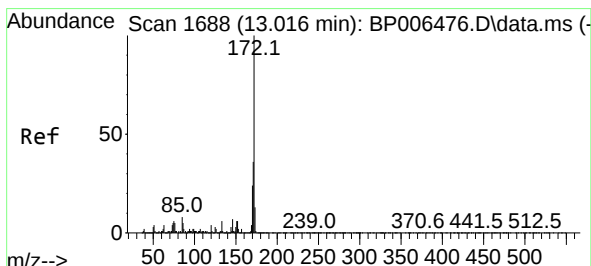
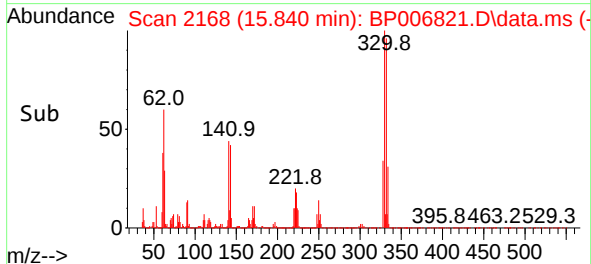
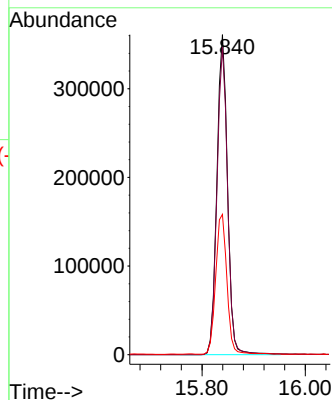
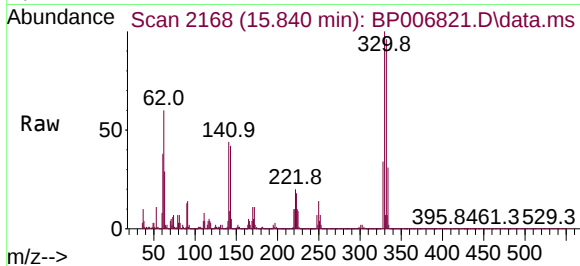




#42
2,4,6-Tribromophenol
Concen: 98.400 ng
RT: 15.840 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

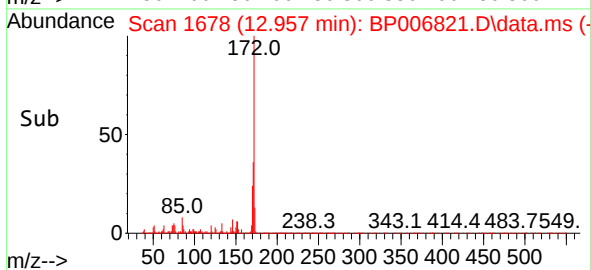
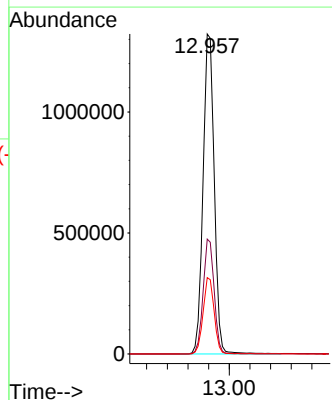
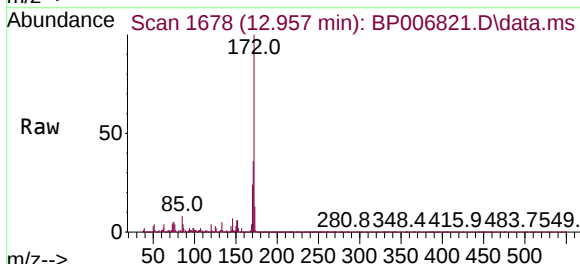
Instrument :
BNA_P
ClientSampleId :
SWCS-08-0002

Tgt Ion:330 Resp: 515062
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.8
141 46.3 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 59.449 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

Tgt Ion:172 Resp: 1990118
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.8 18.6 27.8

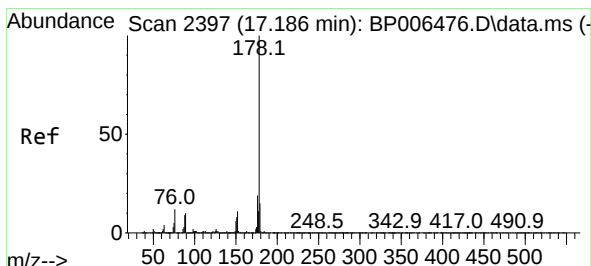
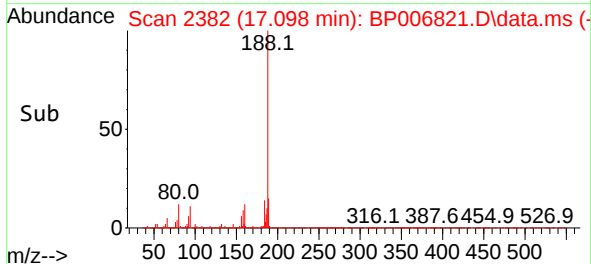
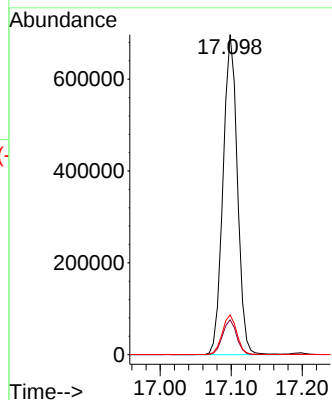
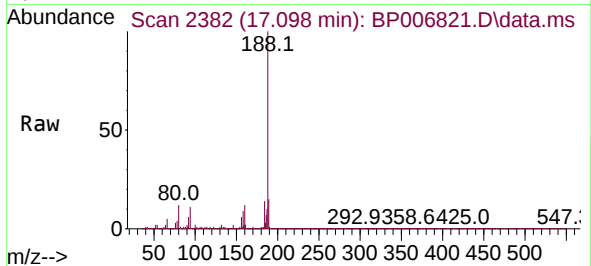




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

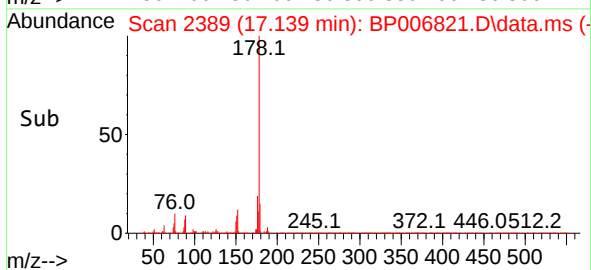
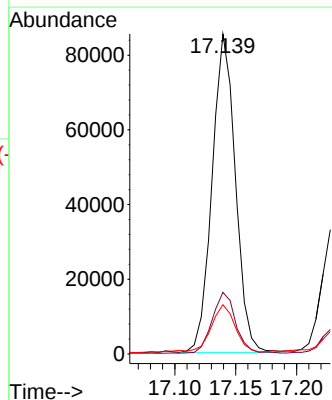
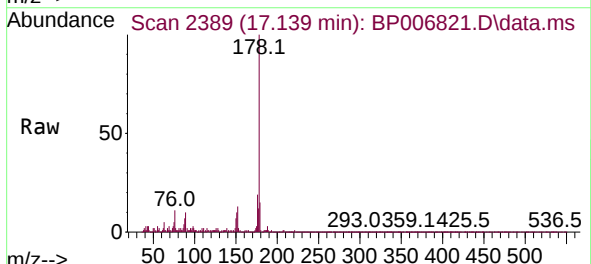
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ClientSampleId :
SWCS-08-0002

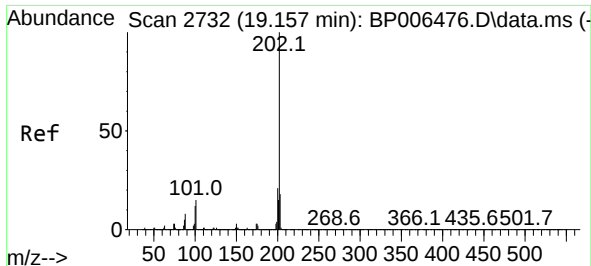
Tgt Ion:188 Resp: 973273
Ion Ratio Lower Upper
188 100
94 10.9 5.6 8.4#
80 12.4 6.3 9.5#



#71
Phenanthrene
Concen: 2.065 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

Tgt Ion:178 Resp: 113380
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.4 12.4 18.6

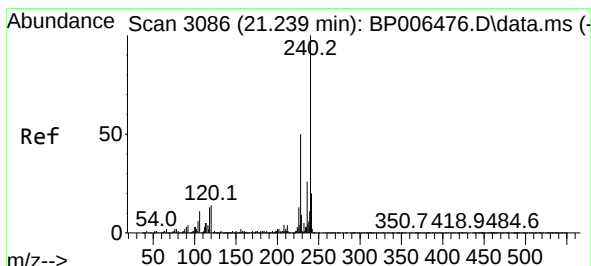
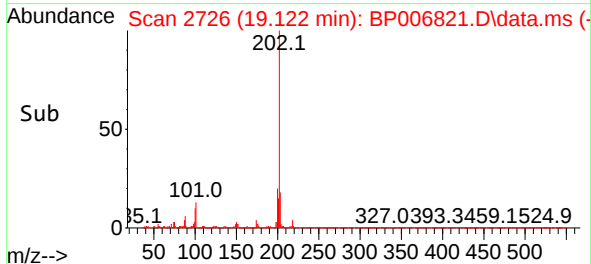
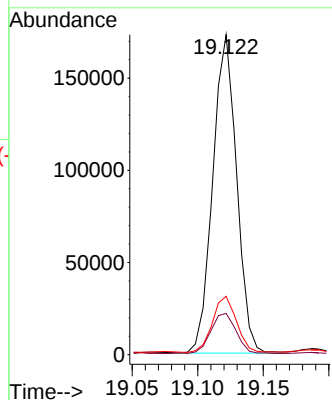
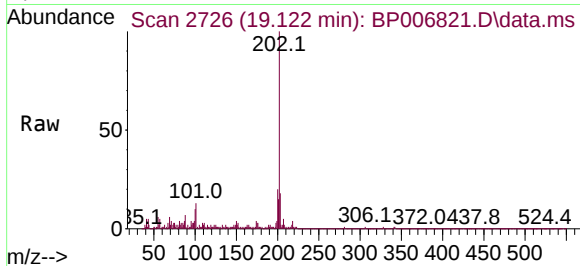




#75
Fluoranthene
Concen: 3.545 ng
RT: 19.122 min Scan# 2726
Delta R.T. 0.000 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

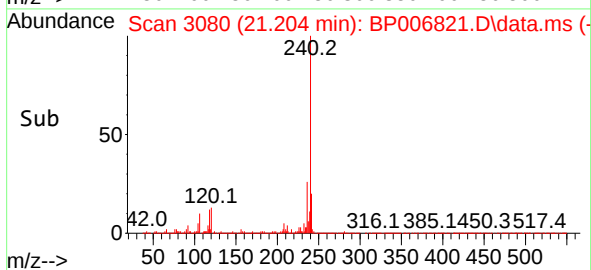
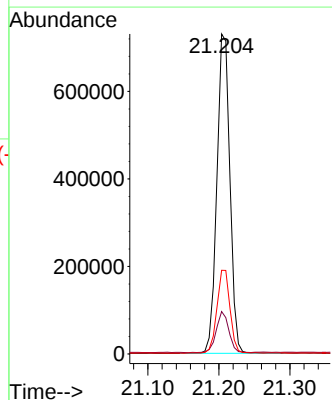
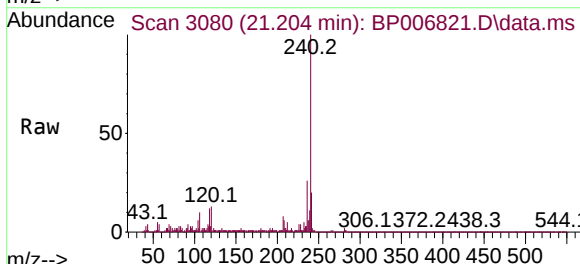
Instrument :
BNA_P
ClientSampleId :
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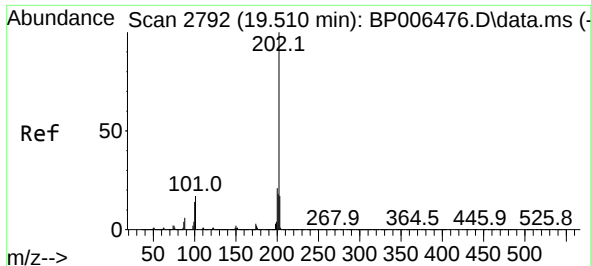
Tgt Ion:	202	Resp:	218416
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	27.6
203	18.3	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

Tgt Ion:	240	Resp:	924316
Ion Ratio	Lower	Upper	
240	100		
120	13.2	6.5	9.7#
236	26.1	20.6	31.0

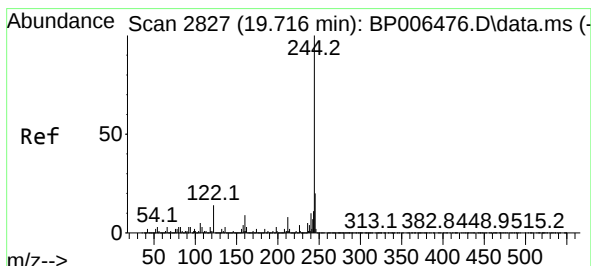
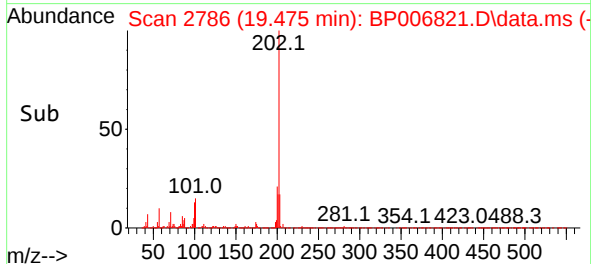
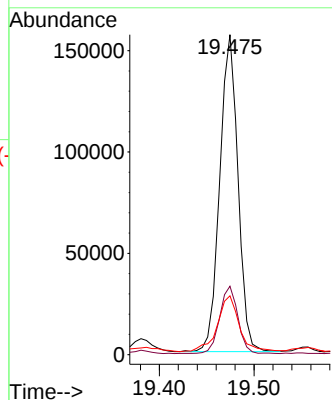
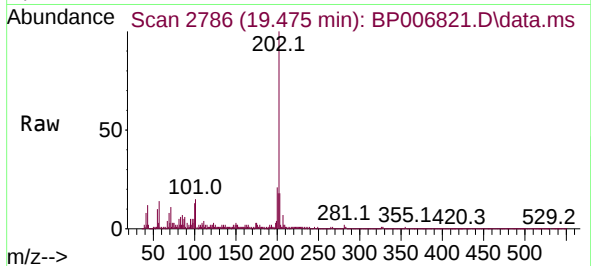




#78
Pyrene
Concen: 3.395 ng
RT: 19.475 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

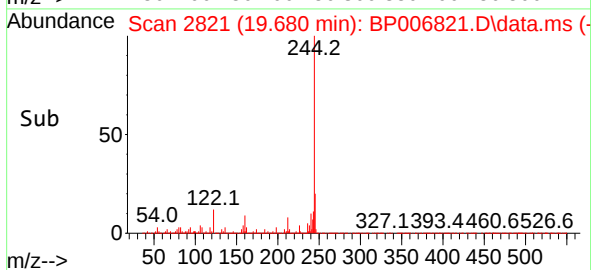
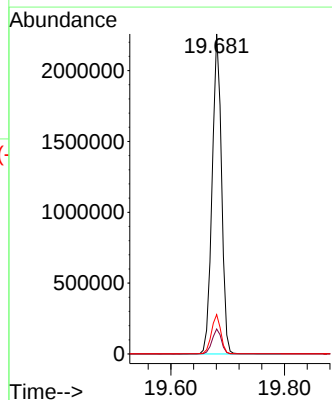
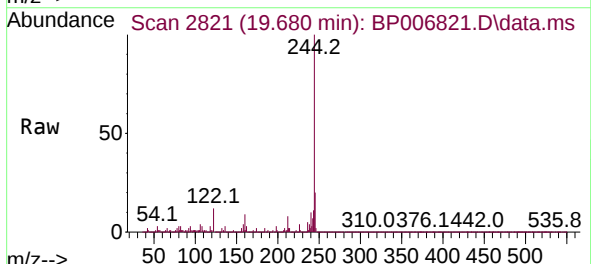
Instrument :
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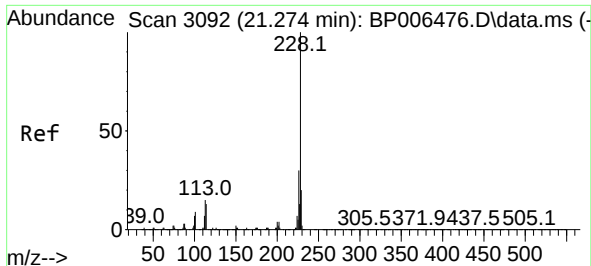
Tgt Ion:202 Resp: 209622
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 18.4 14.2 21.2



#79
Terphenyl-d14
Concen: 55.571 ng
RT: 19.680 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

Tgt Ion:244 Resp: 2563412
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 12.3 7.1 10.7#

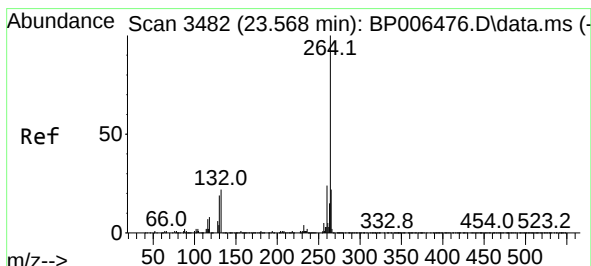
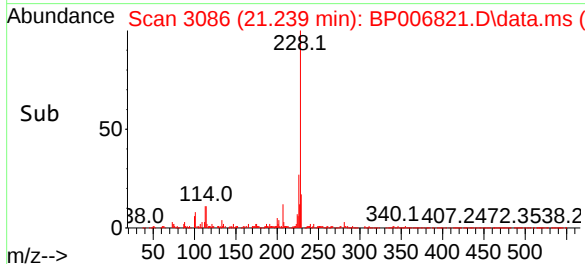
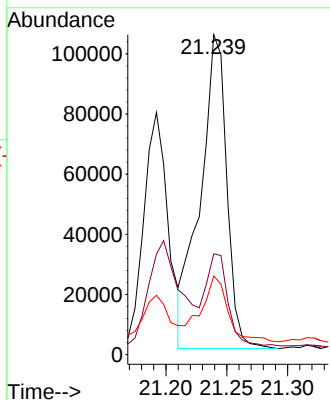
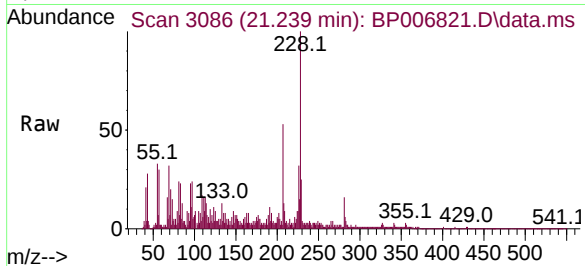




#83
Chrysene
Concen: 2.717 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

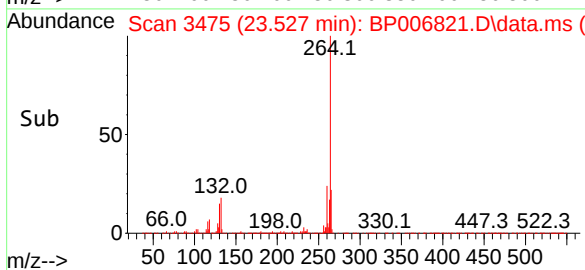
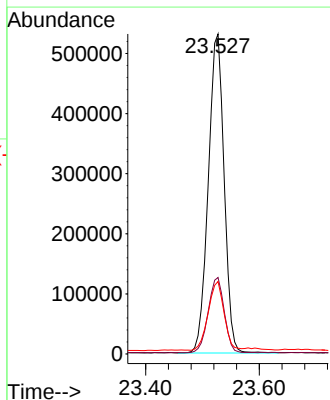
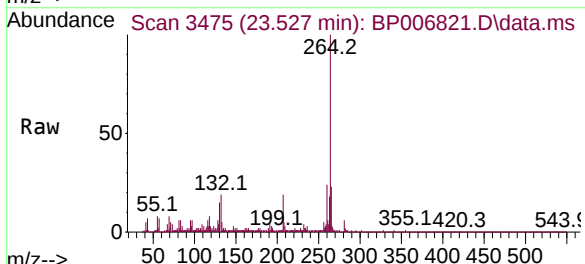
Instrument :
BNA_P
ClientSampleId :
SWCS-08-0002

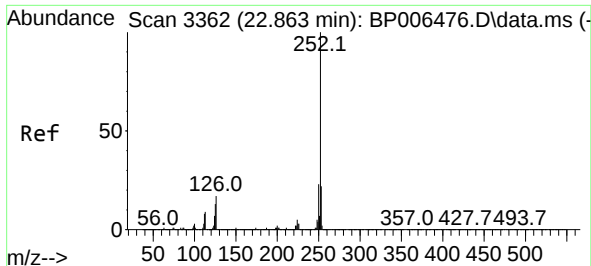
Tgt Ion:228 Resp: 159097
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.6
229 24.6 15.4 23.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.527 min Scan# 3475
Delta R.T. 0.012 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

Tgt Ion:264 Resp: 1025790
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.7 17.6 26.4

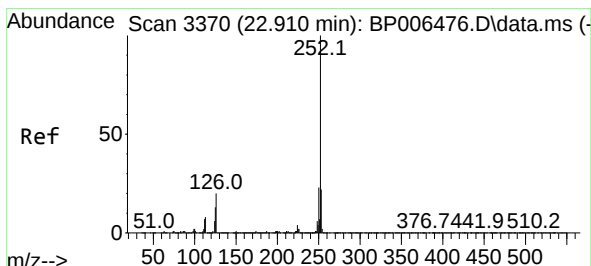
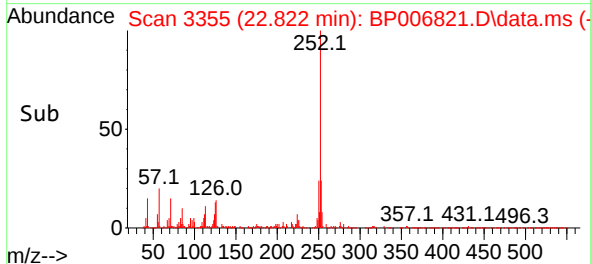
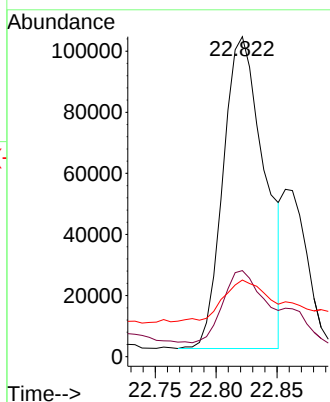
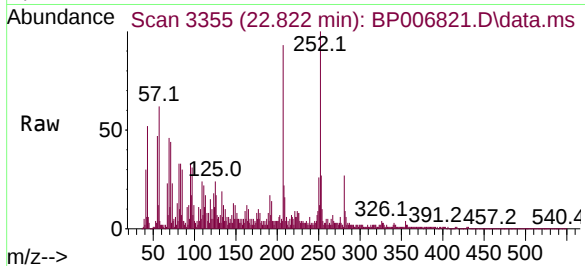




#88
Benzo(b)fluoranthene
Concen: 3.621 ng
RT: 22.822 min Scan# 3355
Delta R.T. 0.006 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

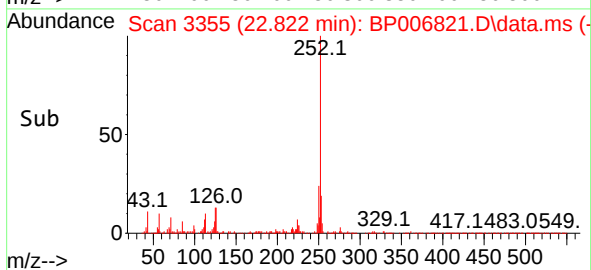
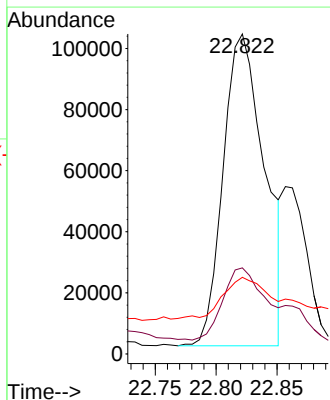
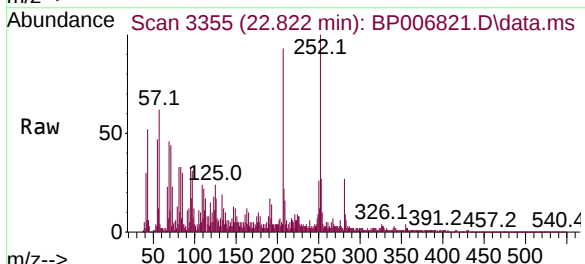
Instrument :
BNA_P
ClientSampleId :
SWCS-08-0002

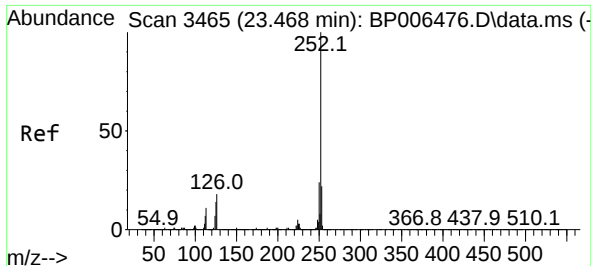
Tgt Ion:252 Resp: 241377
Ion Ratio Lower Upper
252 100
253 26.9 17.5 26.3#
125 24.0 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 3.771 ng
RT: 22.822 min Scan# 3355
Delta R.T. -0.041 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

Tgt Ion:252 Resp: 241377
Ion Ratio Lower Upper
252 100
253 26.9 17.6 26.4#
125 24.0 6.0 9.0#

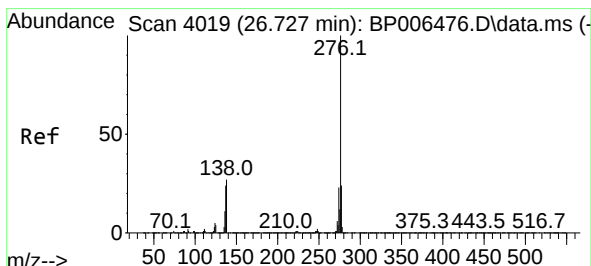
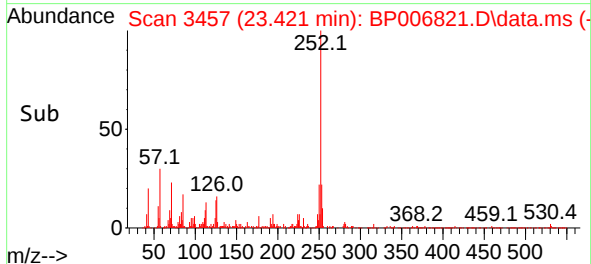
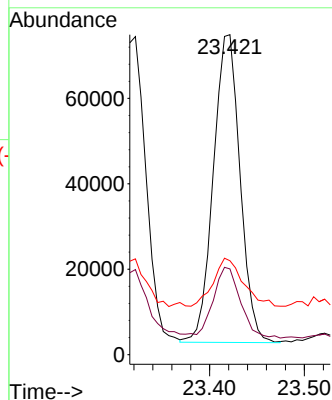
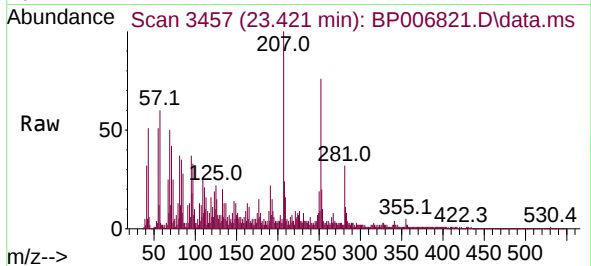




#90
Benzo(a)pyrene
Concen: 2.366 ng
RT: 23.421 min Scan# 3457
Delta R.T. 0.006 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

Instrument :
BNA_P
ClientSampleId :
SWCS-08-0002

Tgt Ion:252 Resp: 141462
Ion Ratio Lower Upper
252 100
253 26.8 17.9 26.9
125 29.4 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 2.327 ng
RT: 26.645 min Scan# 4005
Delta R.T. 0.006 min
Lab File: BP006821.D
Acq: 21 Aug 2021 03:10

Tgt Ion:276 Resp: 143416
Ion Ratio Lower Upper
276 100
277 26.7 18.9 28.3
138 29.0 12.6 18.8#

