

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081921\
 Data File : BP006786.D
 Acq On : 19 Aug 2021 18:03
 Operator : CG/JU
 Sample : M3397-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-06-0510

Quant Time: Aug 20 02:01:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

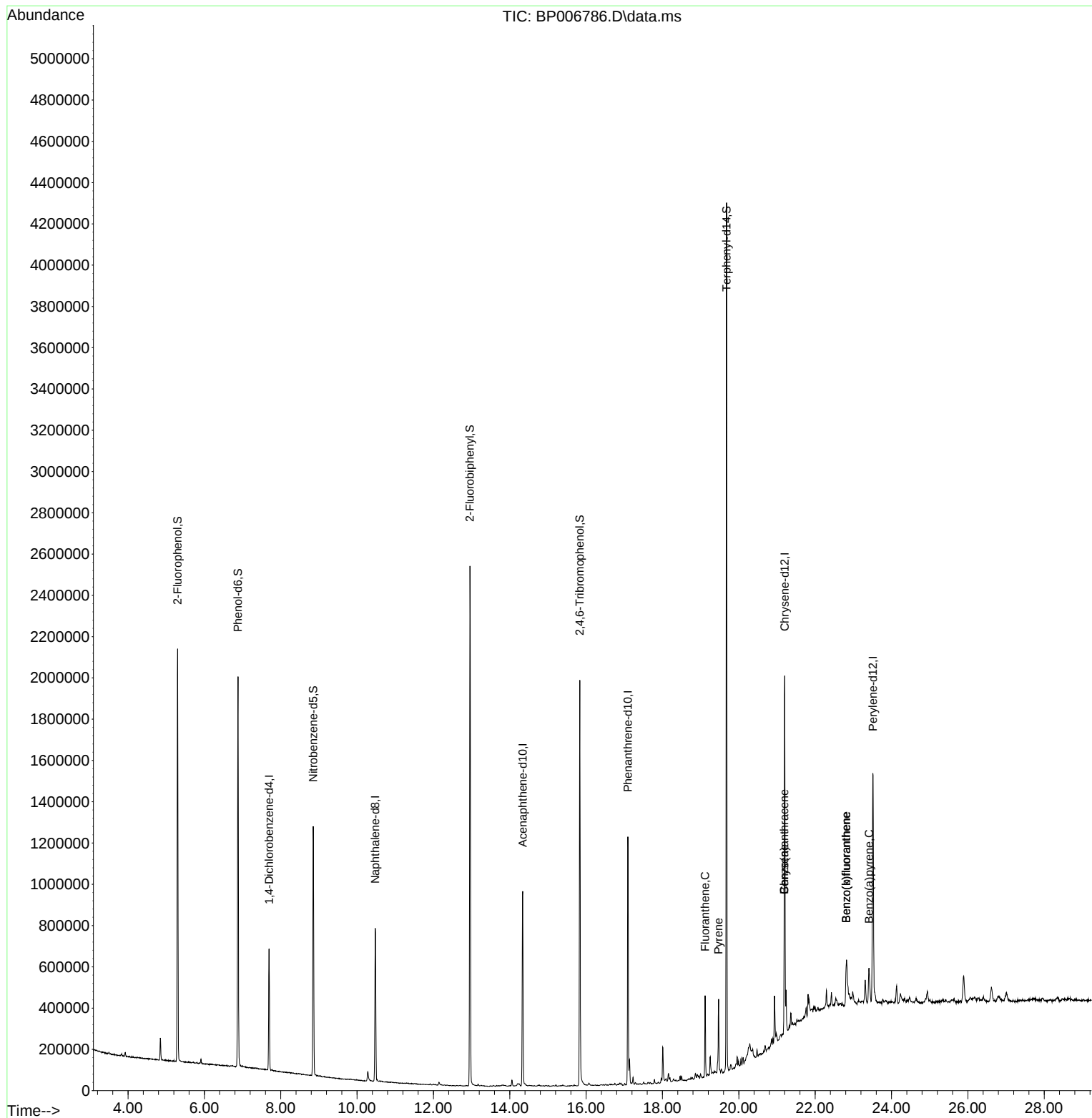
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	145154	20.000	ng	-0.01
21) Naphthalene-d8	10.475	136	586858	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	316934	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	639521	20.000	ng	#-0.01
76) Chrysene-d12	21.204	240	681172	20.000	ng	# 0.00
86) Perylene-d12	23.516	264	730391	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	834023	88.252	ng	0.00
7) Phenol-d6	6.881	99	1016711	75.735	ng	0.00
23) Nitrobenzene-d5	8.852	82	720998	56.708	ng	-0.01
42) 2,4,6-Tribromophenol	15.834	330	293137	88.499	ng	-0.01
45) 2-Fluorobiphenyl	12.957	172	1152400	54.401	ng	-0.01
79) Terphenyl-d14	19.681	244	1664298	48.958	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.116	202	201821	4.985	ng	94
78) Pyrene	19.469	202	189194	4.158	ng	99
81) Benzo(a)anthracene	21.186	228	106209	2.386	ng	95
83) Chrysene	21.186	228	106209	2.461	ng	98
88) Benzo(b)fluoranthene	22.810	252	153081	3.225	ng	# 93
89) Benzo(k)fluoranthene	22.810	252	153081	3.359	ng	# 93
90) Benzo(a)pyrene	23.410	252	107255	2.519	ng	# 94

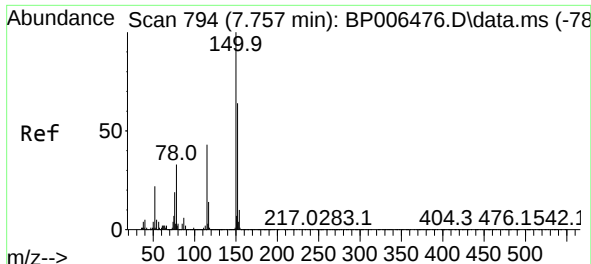
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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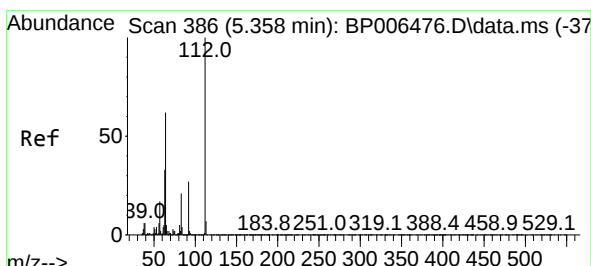
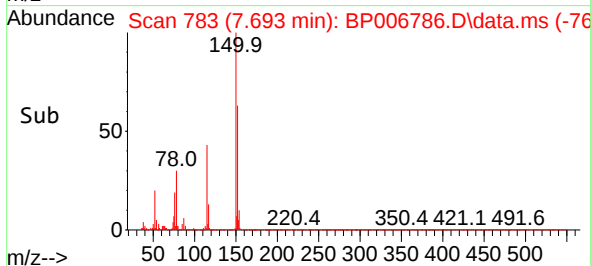
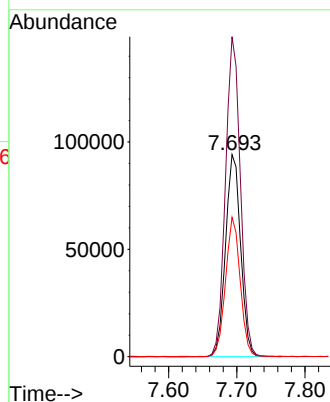
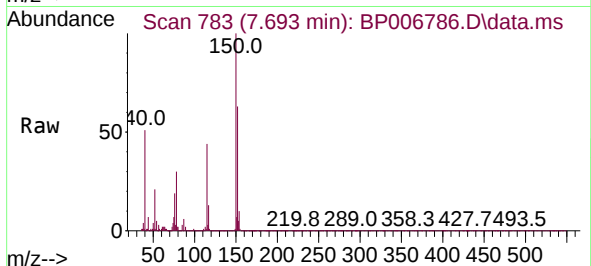




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.012 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

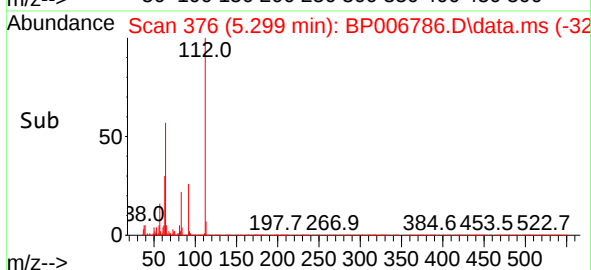
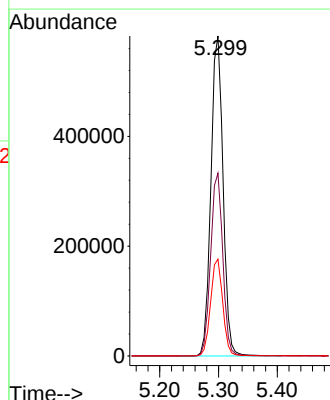
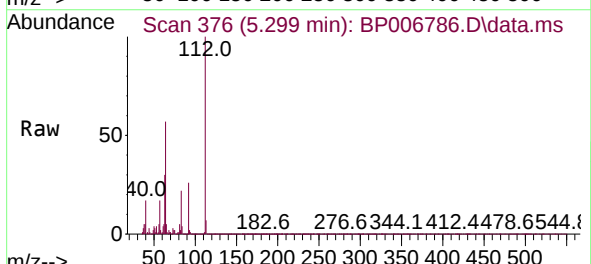
Instrument :
BNA_P
ClientSampleId :
SWCS-06-0510

Tgt Ion:152 Resp: 145154
Ion Ratio Lower Upper
152 100
150 158.4 125.6 188.4
115 69.0 48.5 72.7



#5
2-Fluorophenol
Concen: 88.252 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

Tgt Ion:112 Resp: 834023
Ion Ratio Lower Upper
112 100
64 57.1 41.4 62.2
63 30.2 23.8 35.8

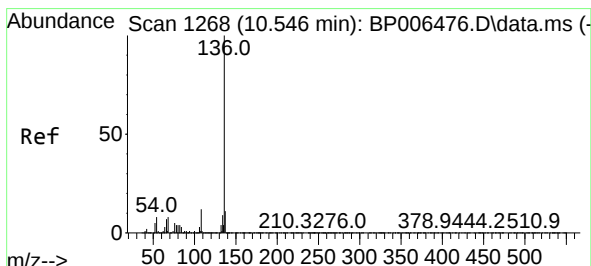
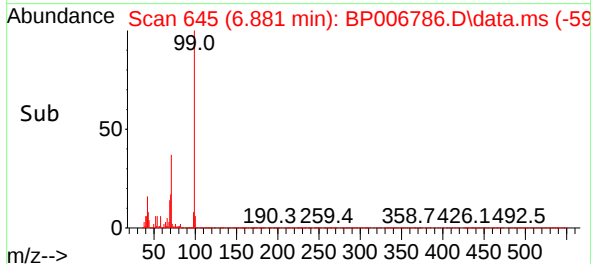
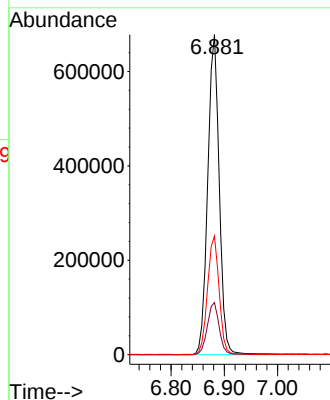
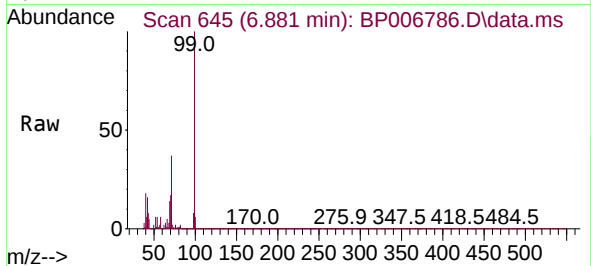




#7
Phenol-d6
Concen: 75.735 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

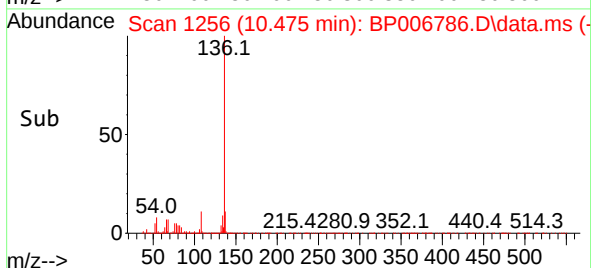
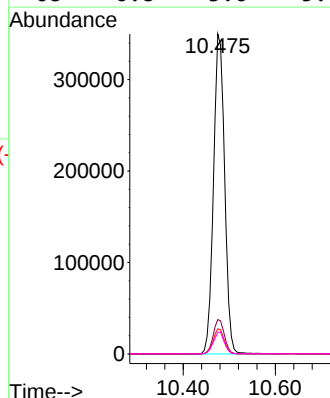
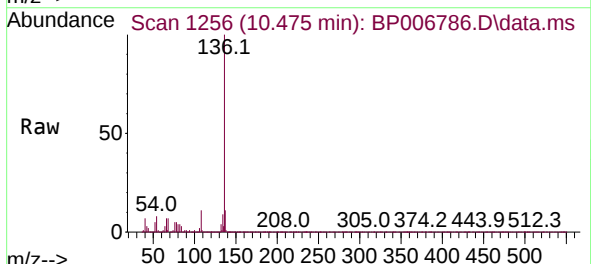
Instrument :
BNA_P
ClientSampleId :
SWCS-06-0510

Tgt Ion: 99 Resp: 1016711
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.0
71 37.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.017 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

Tgt Ion: 136 Resp: 586858
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.8 4.6 6.8#
68 6.8 3.6 5.4#

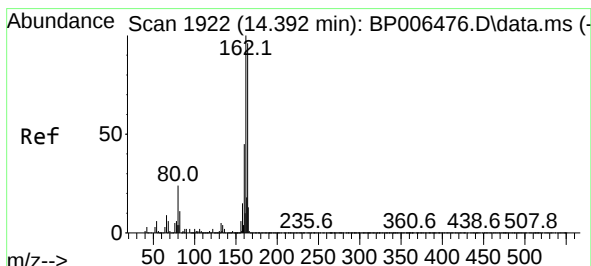
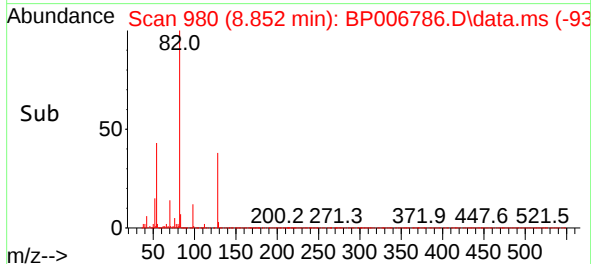
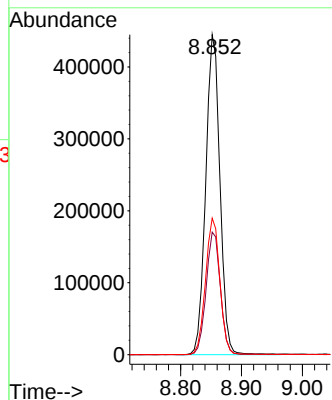
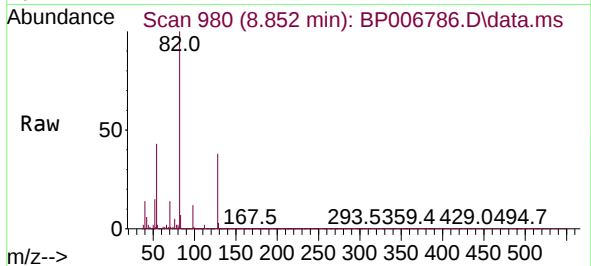




#23
Nitrobenzene-d5
Concen: 56.708 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.012 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

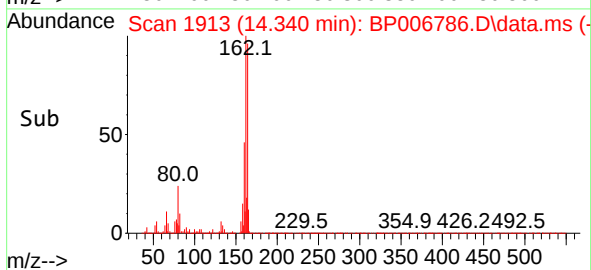
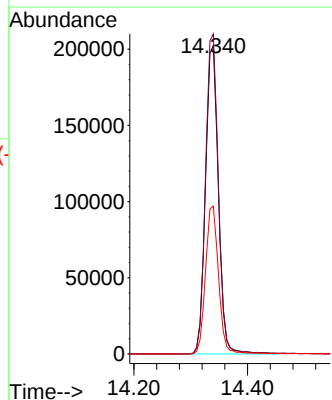
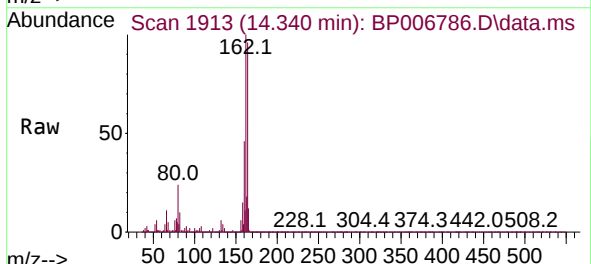
Instrument :
BNA_P
ClientSampleId :
SWCS-06-0510

Tgt Ion: 82 Resp: 720998
Ion Ratio Lower Upper
82 100
128 38.3 35.7 53.5
54 42.6 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

Tgt Ion: 164 Resp: 316934
Ion Ratio Lower Upper
164 100
162 103.8 80.2 120.2
160 48.0 34.5 51.7

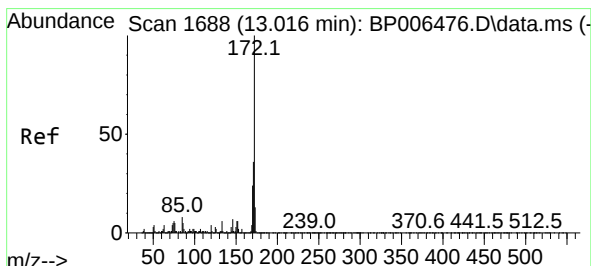
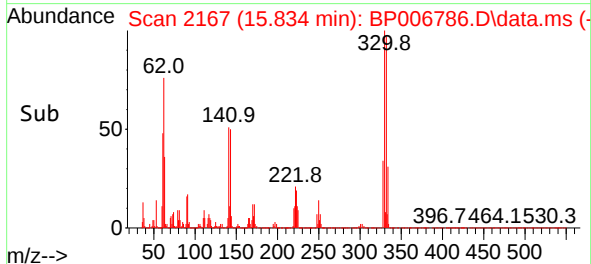
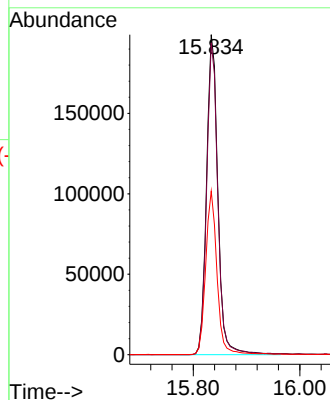
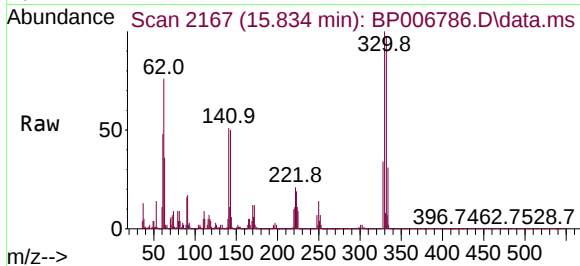




#42
2,4,6-Tribromophenol
Concen: 88.499 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

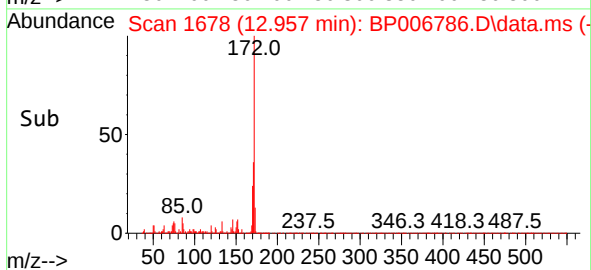
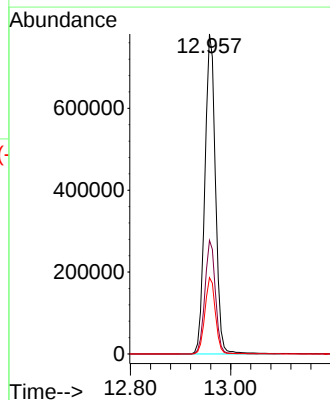
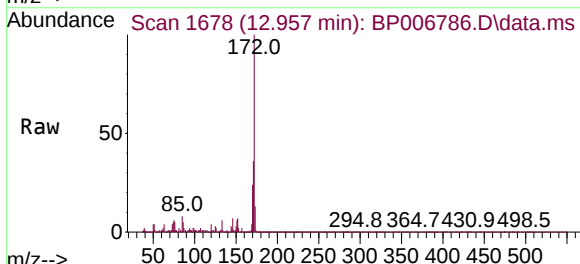
Instrument :
BNA_P
ClientSampleId :
SWCS-06-0510

Tgt Ion:330 Resp: 293137
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 51.0 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 54.401 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

Tgt Ion:172 Resp: 1152400
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.8 18.6 27.8

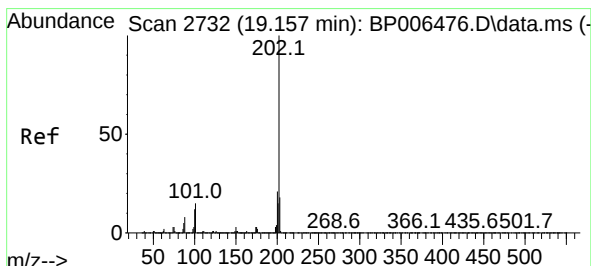
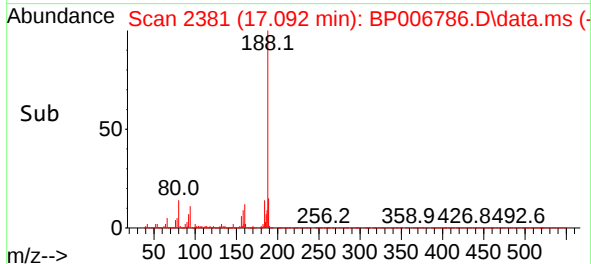
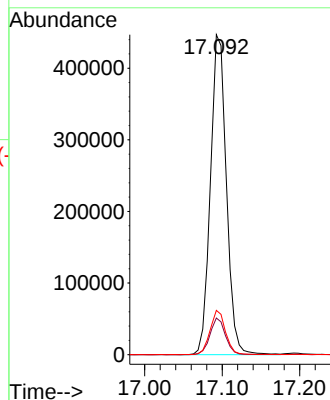
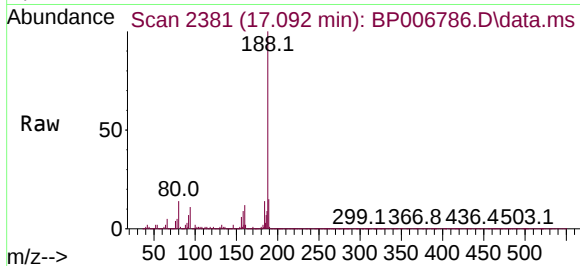




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.012 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

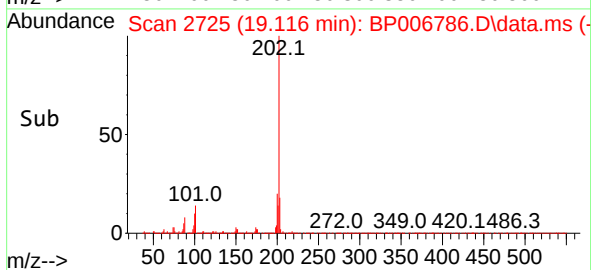
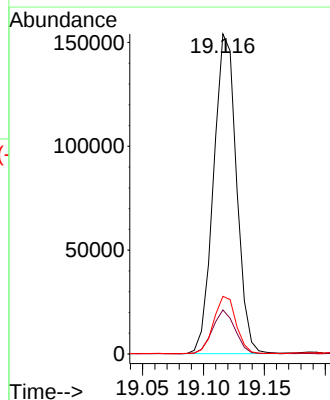
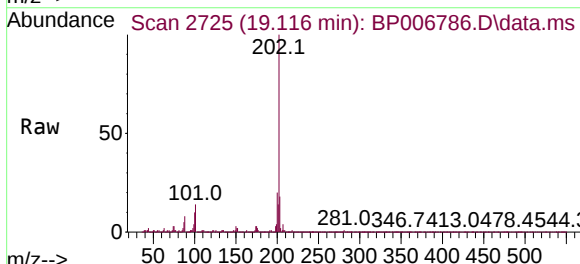
Instrument :
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ClientSampleId :
SWCS-06-0510

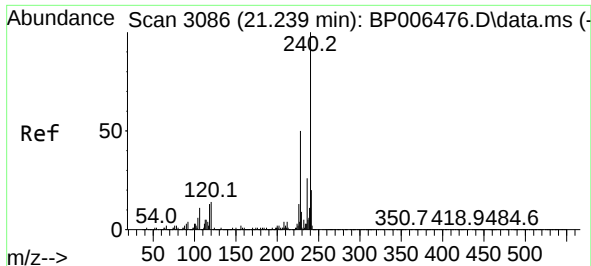
Tgt Ion:188 Resp: 639521
Ion Ratio Lower Upper
188 100
94 11.4 5.6 8.4#
80 13.8 6.3 9.5#



#75
Fluoranthene
Concen: 4.985 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.012 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

Tgt Ion:202 Resp: 201821
Ion Ratio Lower Upper
202 100
101 13.8 0.0 27.6
203 18.0 0.0 37.8

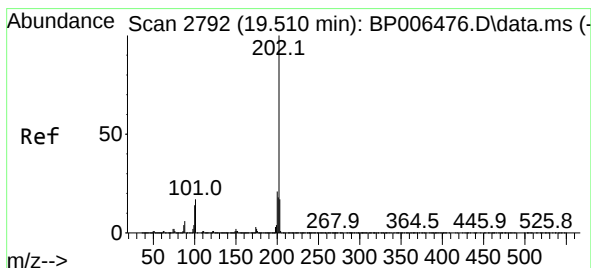
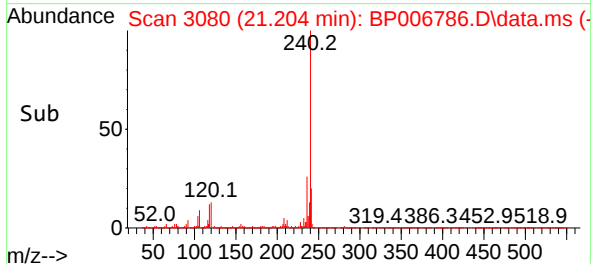
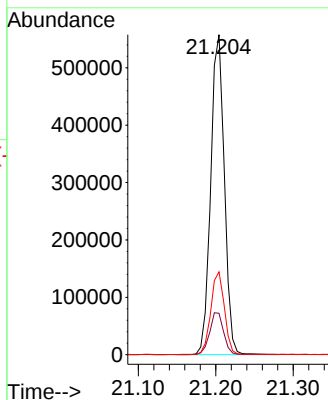
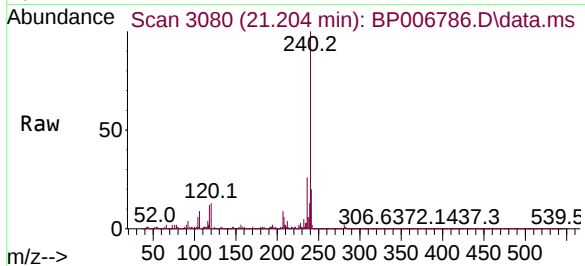




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

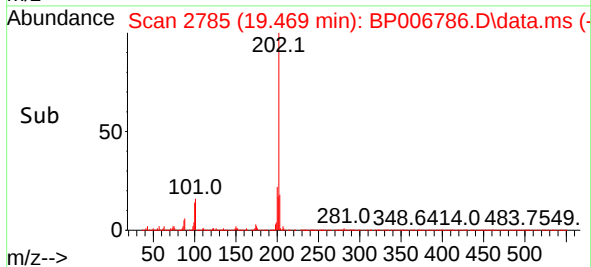
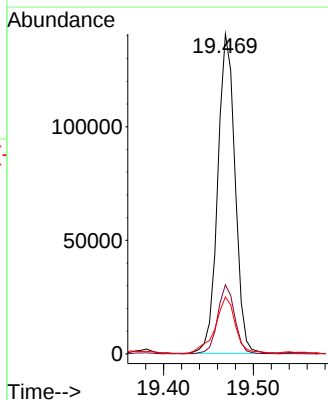
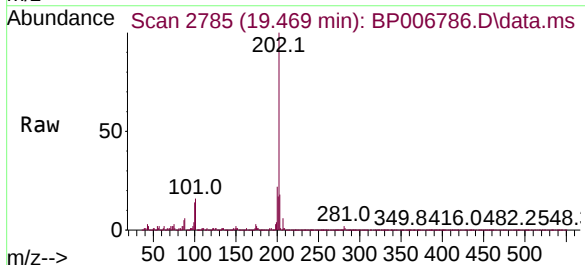
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BNA_P
ClientSampleId :
SWCS-06-0510

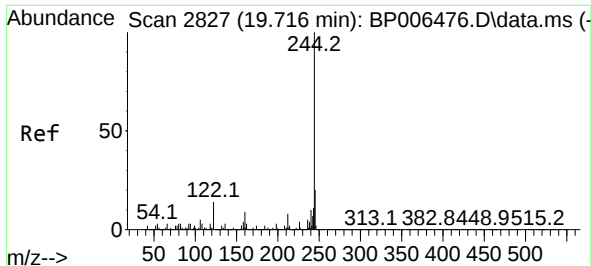
Tgt Ion:240 Resp: 681172
Ion Ratio Lower Upper
240 100
120 12.9 6.5 9.7#
236 25.9 20.6 31.0



#78
Pyrene
Concen: 4.158 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.012 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

Tgt Ion:202 Resp: 189194
Ion Ratio Lower Upper
202 100
200 21.6 16.3 24.5
203 17.8 14.2 21.2

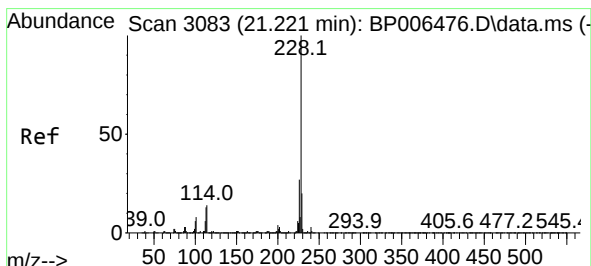
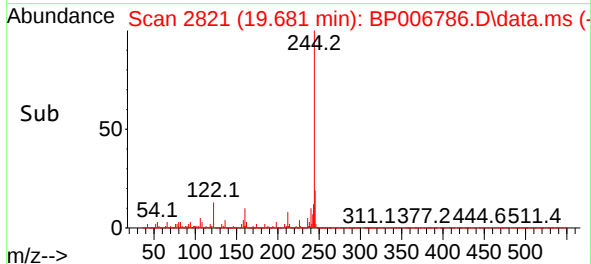
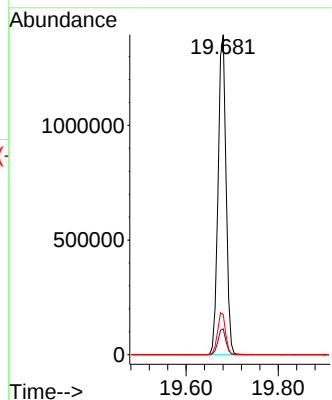
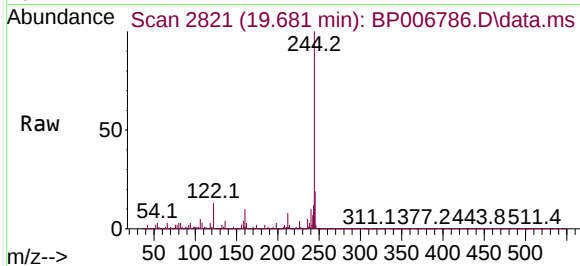




#79
Terphenyl-d14
Concen: 48.958 ng
RT: 19.681 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

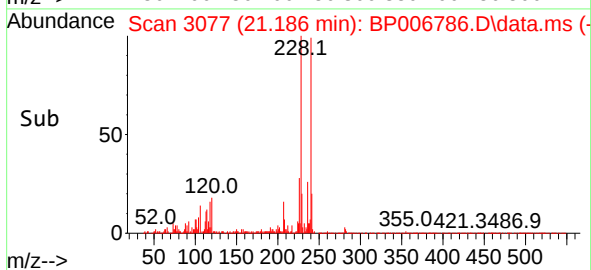
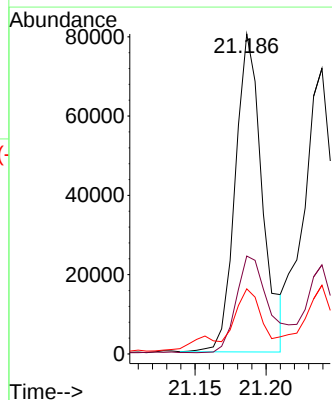
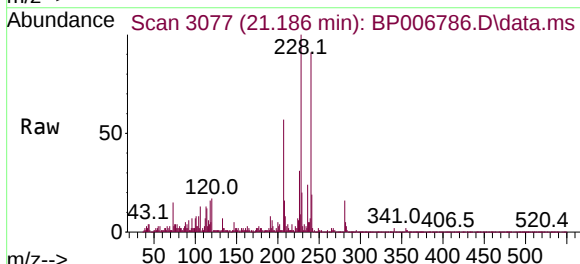
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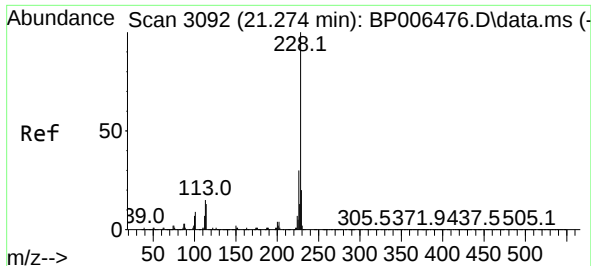
Tgt Ion:244 Resp: 1664298
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 12.6 7.1 10.7#



#81
Benzo(a)anthracene
Concen: 2.386 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.012 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

Tgt Ion:228 Resp: 106209
Ion Ratio Lower Upper
228 100
226 30.6 21.6 32.4
229 20.3 15.8 23.6

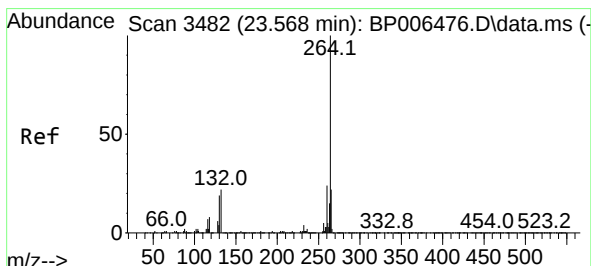
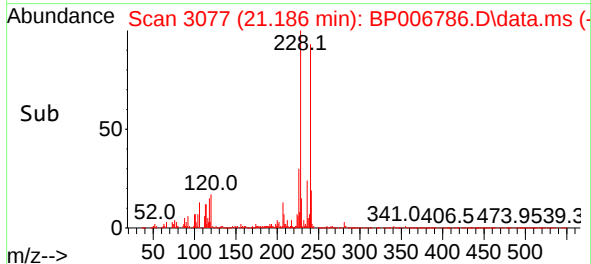
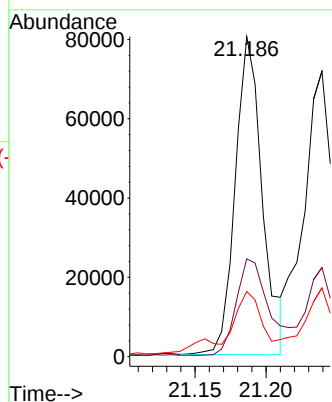
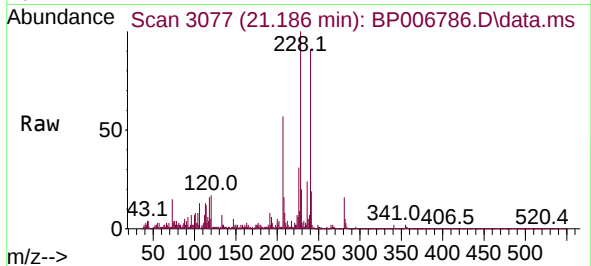




#83
Chrysene
Concen: 2.461 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.064 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

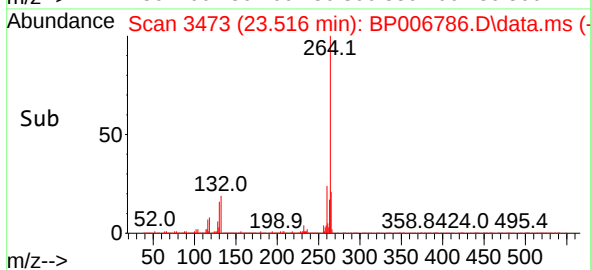
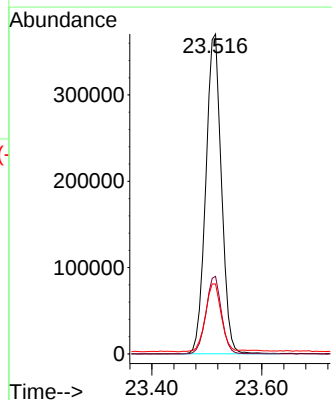
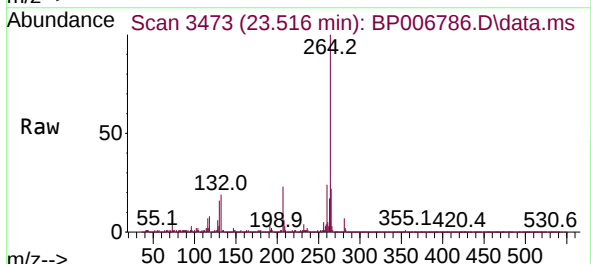
Instrument :
BNA_P
ClientSampleId :
SWCS-06-0510

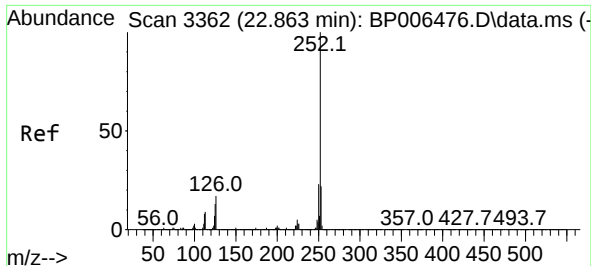
Tgt Ion:228 Resp: 106209
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.6
229 20.3 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

Tgt Ion:264 Resp: 730391
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 21.8 17.6 26.4

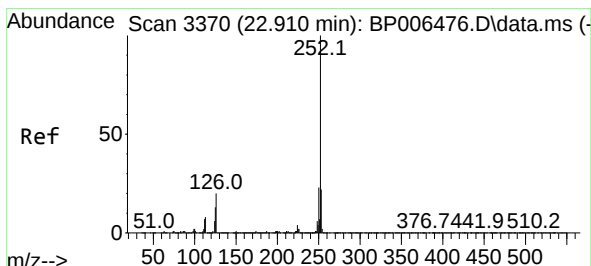
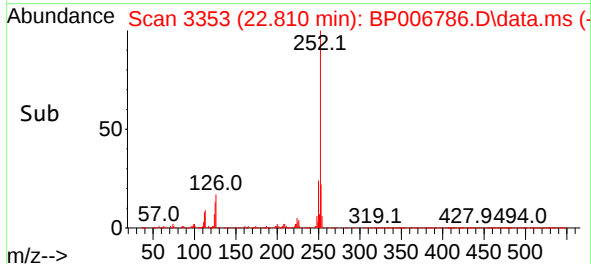
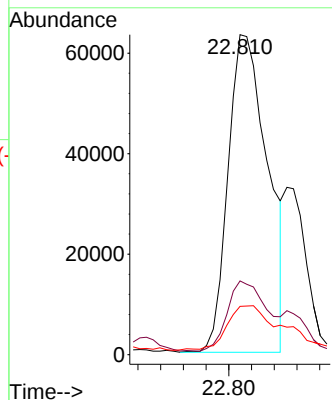
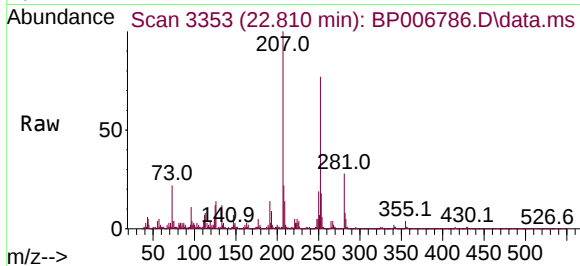




#88
Benzo(b)fluoranthene
Concen: 3.225 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.012 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

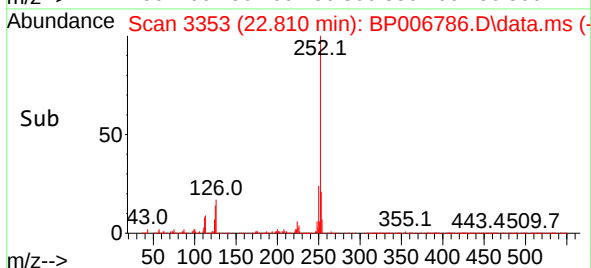
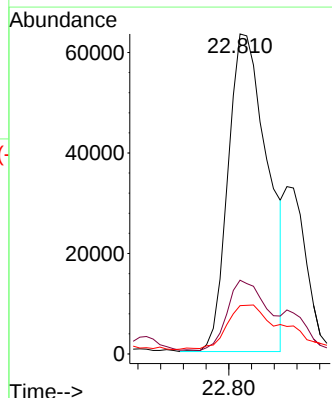
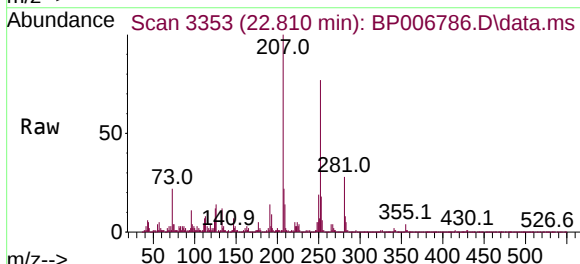
Instrument :
BNA_P
ClientSampleId :
SWCS-06-0510

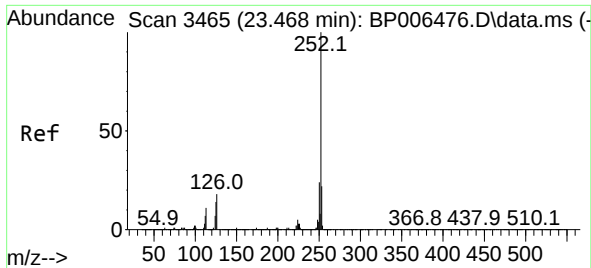
Tgt Ion:252 Resp: 153081
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 15.1 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 3.359 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.064 min
Lab File: BP006786.D
Acq: 19 Aug 2021 18:03

Tgt Ion:252 Resp: 153081
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 15.1 6.0 9.0#





#90

Benzo(a)pyrene

Concen: 2.519 ng

RT: 23.410 min Scan# 3455

Delta R.T. -0.012 min

Lab File: BP006786.D

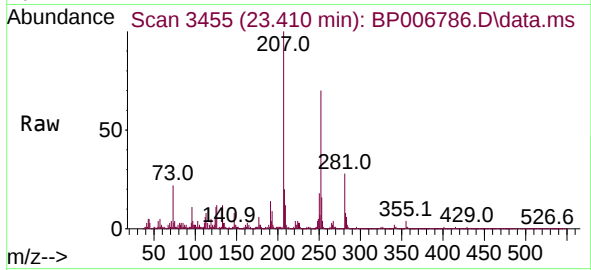
Acq: 19 Aug 2021 18:03

Instrument :

BNA_P

ClientSampleId :

SWCS-06-0510



Tgt Ion:252	Resp:	107255
Ion Ratio	Lower	Upper
252	100	
253	22.9	17.9 26.9
125	15.1	6.5 9.7#

