

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006818.D
 Acq On : 21 Aug 2021 01:28
 Operator : CG/JU
 Sample : M3434-37
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-15-0510

Quant Time: Aug 21 03:00:07 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)

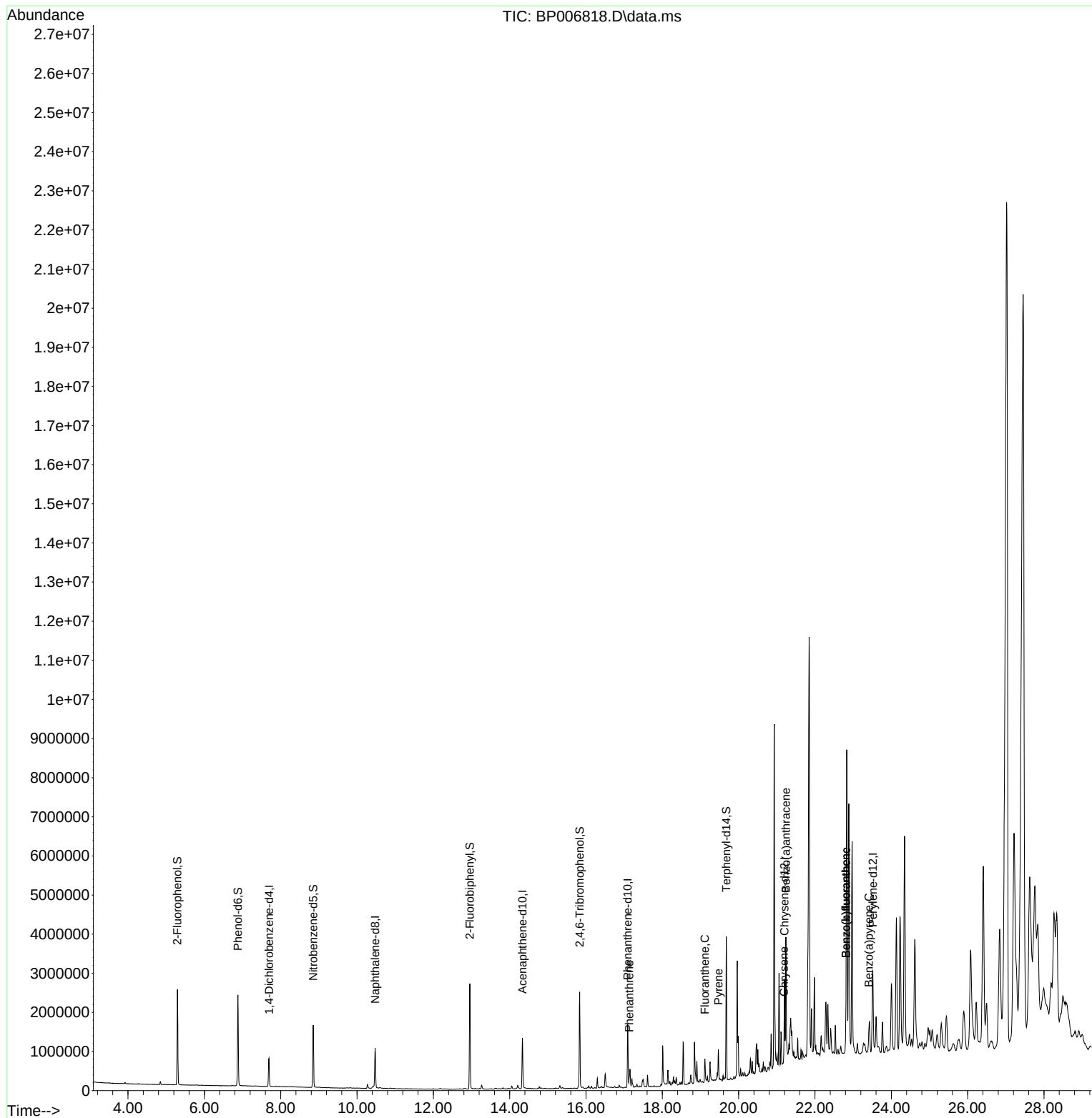
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	185026	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	773945	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	429833	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	854076	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	889236	20.000	ng	# 0.00
86) Perylene-d12	23.516	264	990383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1058889	87.901	ng	0.00
7) Phenol-d6	6.881	99	1306553	76.352	ng	0.00
23) Nitrobenzene-d5	8.852	82	935802	55.811	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	383453	85.359	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1297138	45.150	ng	0.00
79) Terphenyl-d14	19.675	244	1506602	33.949	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.134	178	136132	2.826	ng	98
75) Fluoranthene	19.116	202	297843	5.508	ng	95
78) Pyrene	19.469	202	285719	4.810	ng	98
81) Benzo(a)anthracene	21.239	228	148019	2.547	ng	93
83) Chrysene	21.186	228	114593	2.034	ng	93
88) Benzo(b)fluoranthene	22.810	252	287529	4.467	ng	# 86
89) Benzo(k)fluoranthene	22.810	252	287529	4.653	ng	# 86
90) Benzo(a)pyrene	23.410	252	136044	2.356	ng	# 82

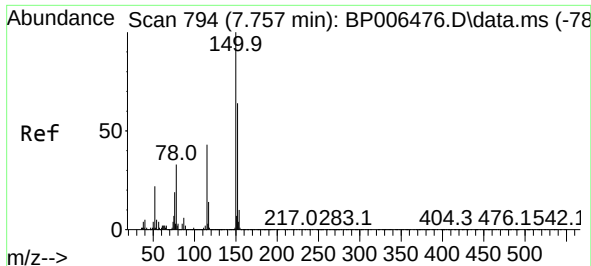
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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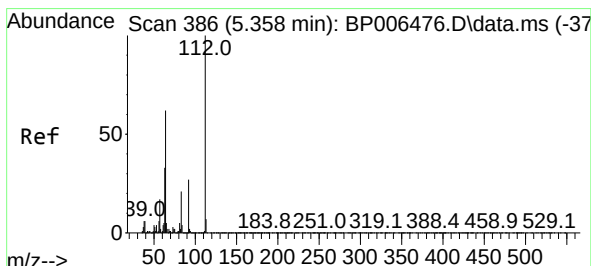
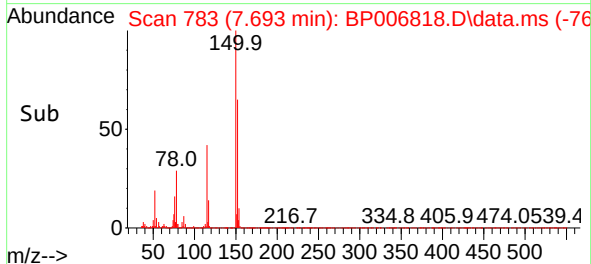
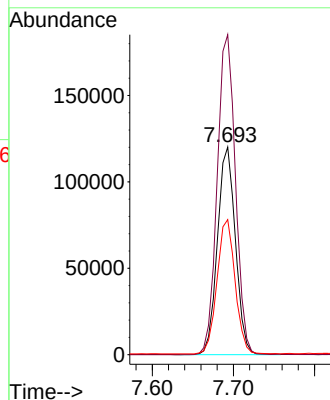
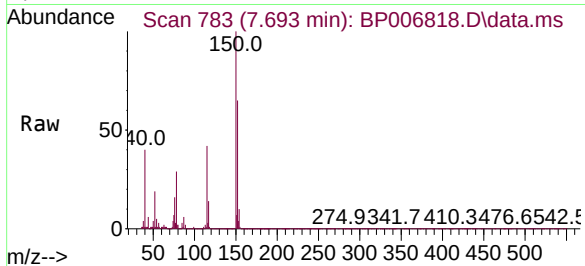




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

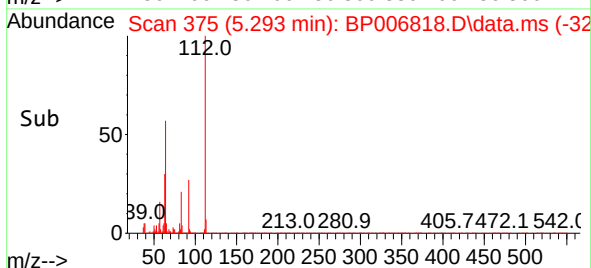
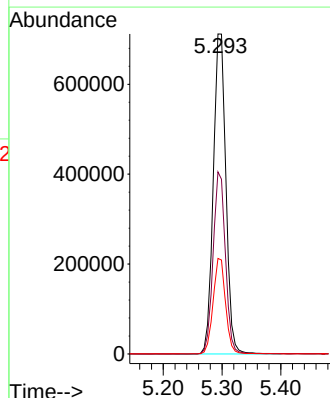
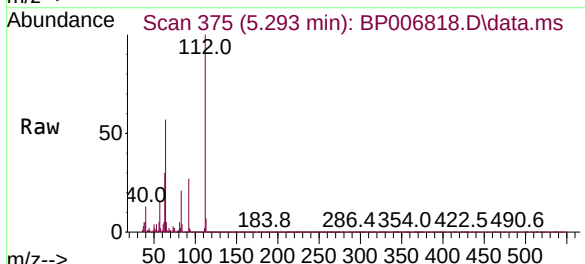
Instrument :
BNA_P
ClientSampleId :
SWCS-15-0510

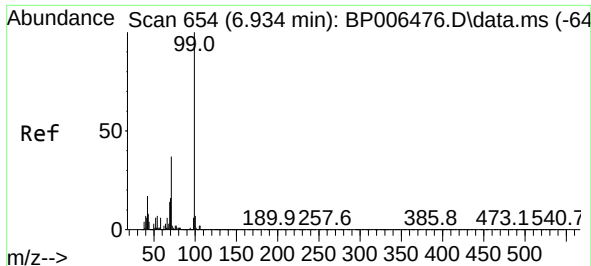
Tgt Ion:152 Resp: 185026
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 65.0 48.5 72.7



#5
2-Fluorophenol
Concen: 87.901 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Tgt Ion:112 Resp: 1058889
Ion Ratio Lower Upper
112 100
64 56.9 41.4 62.2
63 29.9 23.8 35.8

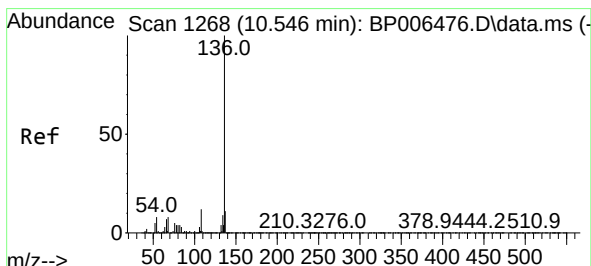
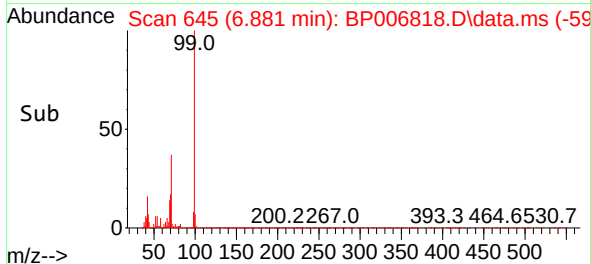
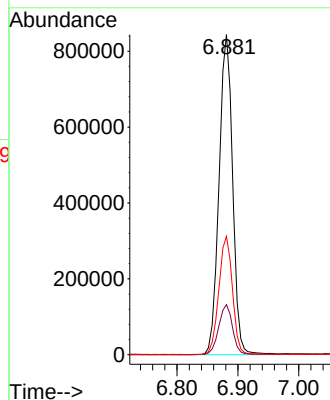
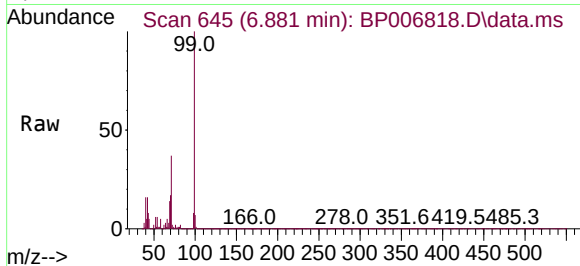




#7
Phenol-d6
Concen: 76.352 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

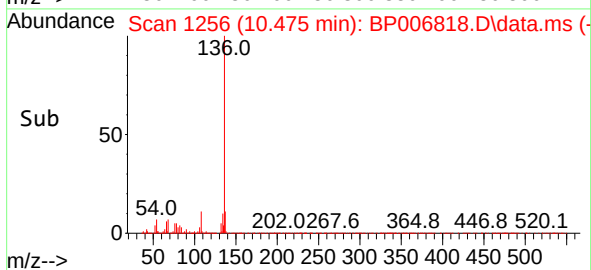
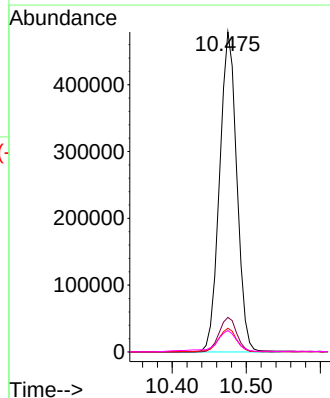
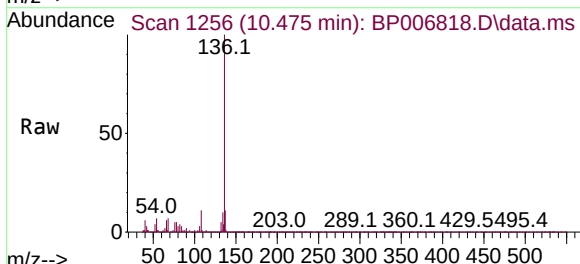
Instrument :
BNA_P
ClientSampleId :
SWCS-15-0510

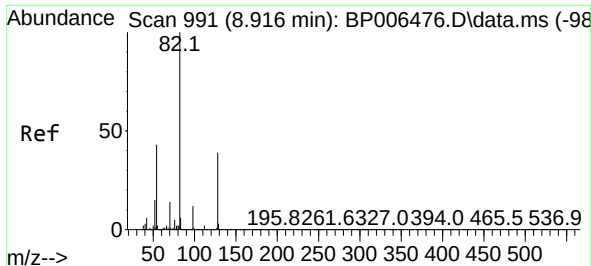
Tgt Ion: 99 Resp: 1306553
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.0
71 37.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Tgt Ion: 136 Resp: 773945
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.4 4.6 6.8#
68 6.7 3.6 5.4#

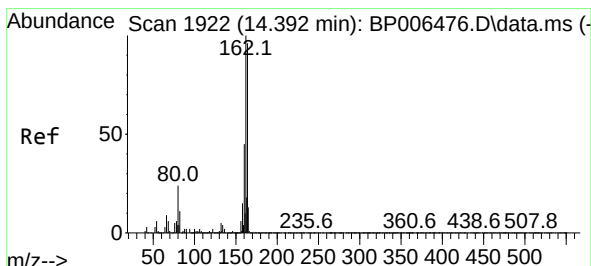
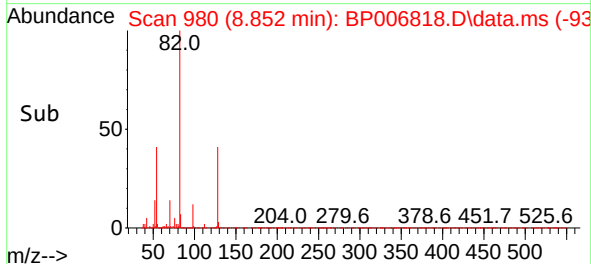
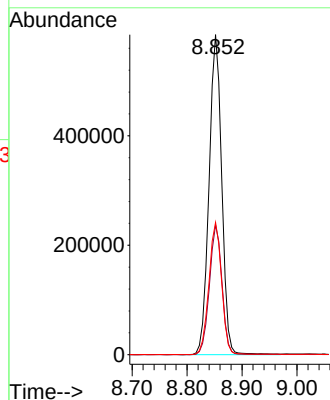
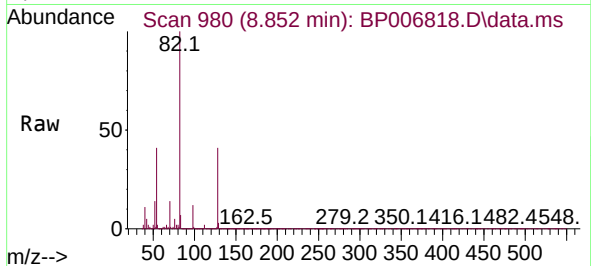




#23
Nitrobenzene-d5
Concen: 55.811 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

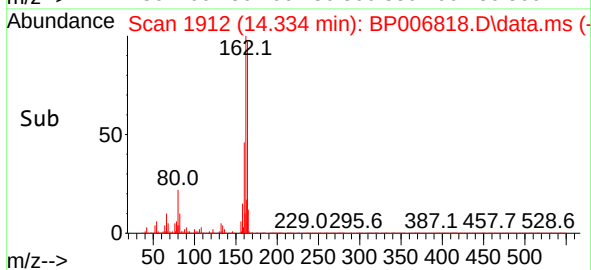
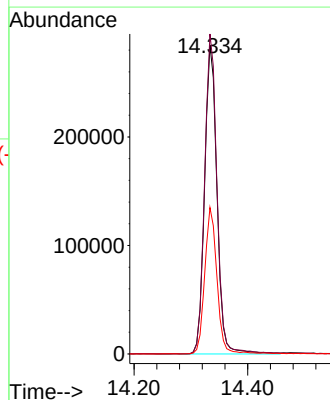
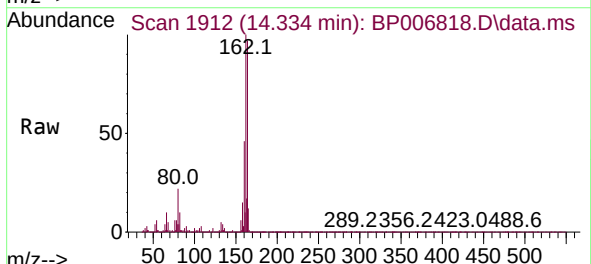
Instrument :
BNA_P
ClientSampleId :
SWCS-15-0510

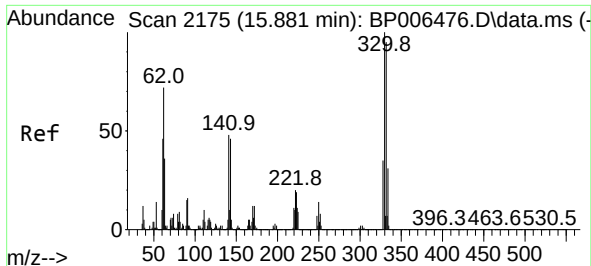
Tgt Ion: 82 Resp: 935802
Ion Ratio Lower Upper
82 100
128 40.5 35.7 53.5
54 41.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Tgt Ion: 164 Resp: 429833
Ion Ratio Lower Upper
164 100
162 103.6 80.2 120.2
160 47.4 34.5 51.7

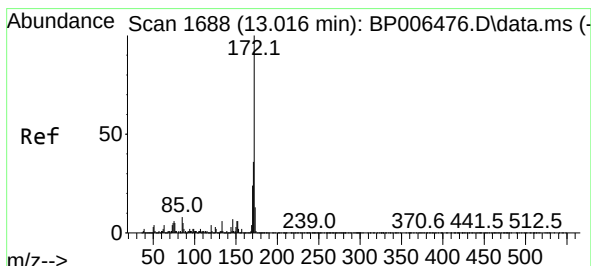
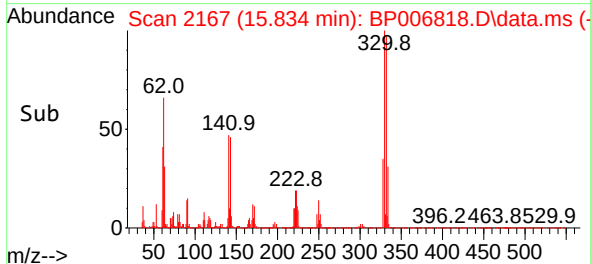
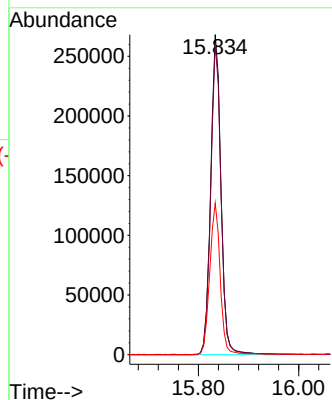
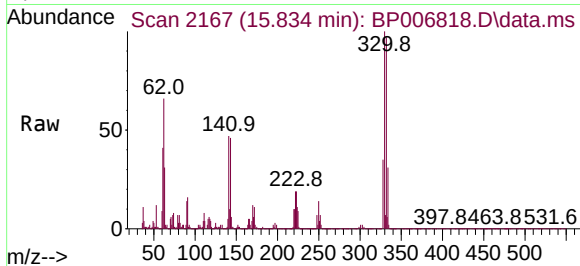




#42
2,4,6-Tribromophenol
Concen: 85.359 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

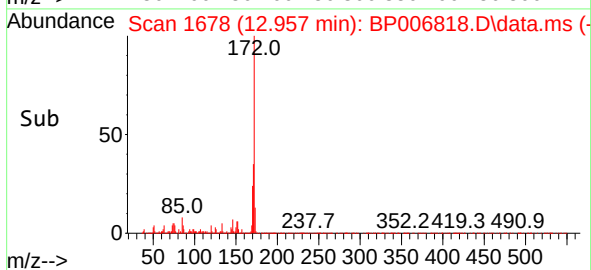
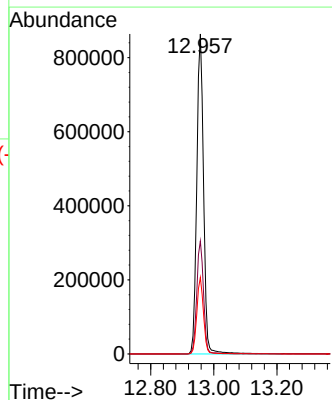
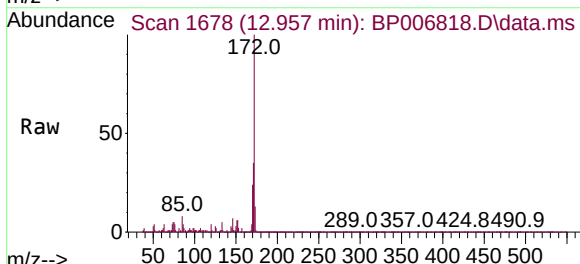
Instrument :
BNA_P
ClientSampleId :
SWCS-15-0510

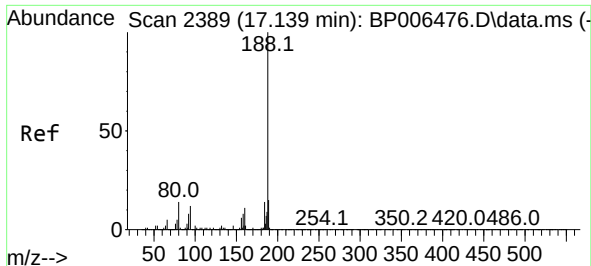
Tgt Ion:330 Resp: 383453
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 48.1 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 45.150 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Tgt Ion:172 Resp: 1297138
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.9 18.6 27.8

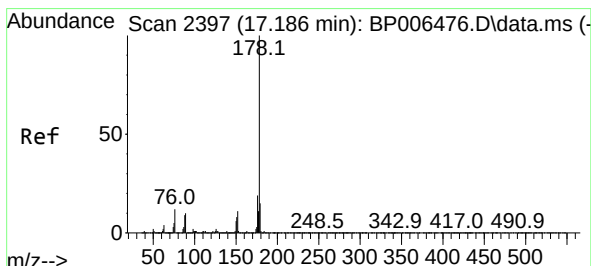
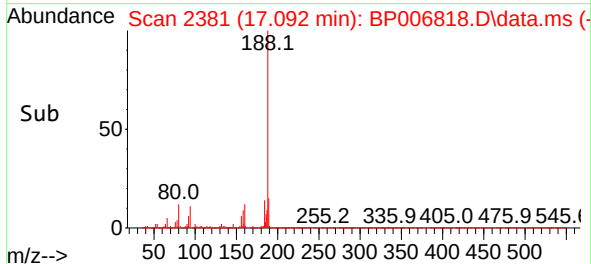
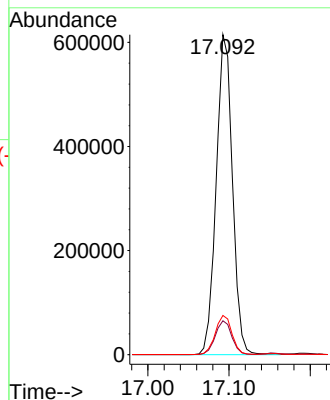
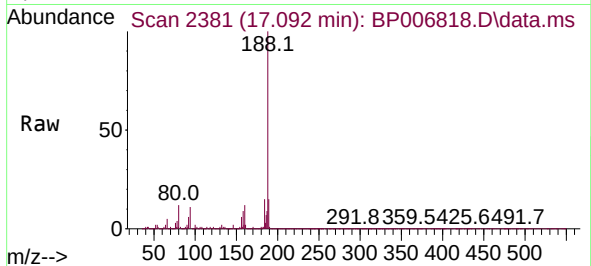




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

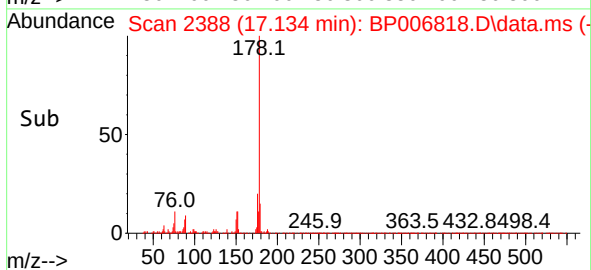
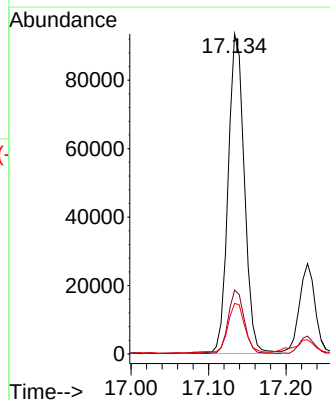
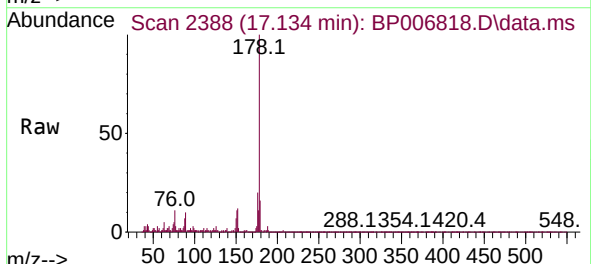
Instrument :
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ClientSampleId :
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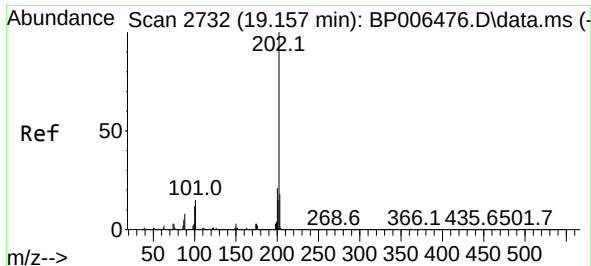
Tgt Ion:188 Resp: 854076
Ion Ratio Lower Upper
188 100
94 10.6 5.6 8.4#
80 12.3 6.3 9.5#



#71
Phenanthrene
Concen: 2.826 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Tgt Ion:178 Resp: 136132
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 15.8 12.4 18.6

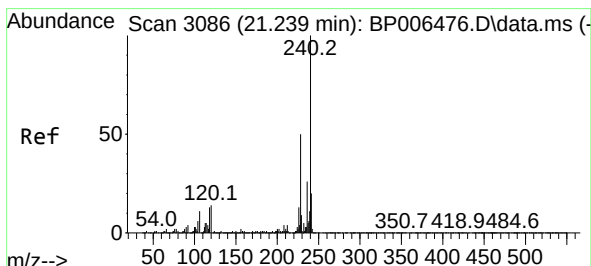
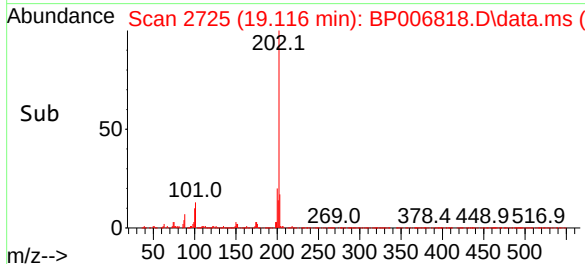
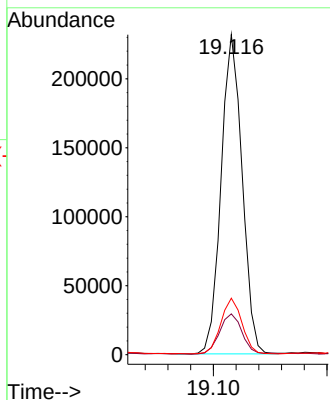
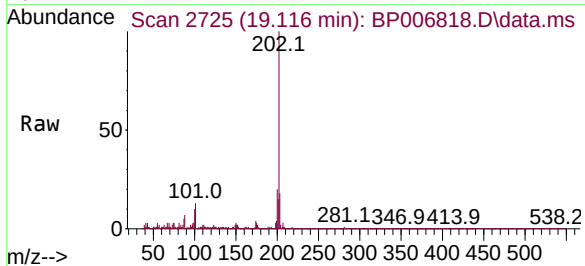




#75
Fluoranthene
Concen: 5.508 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.006 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

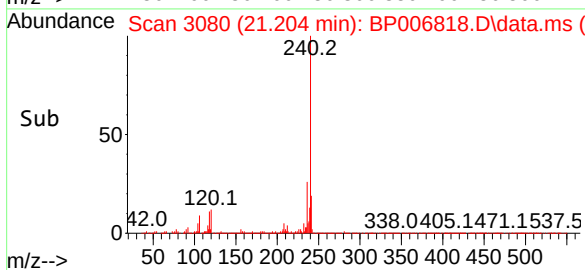
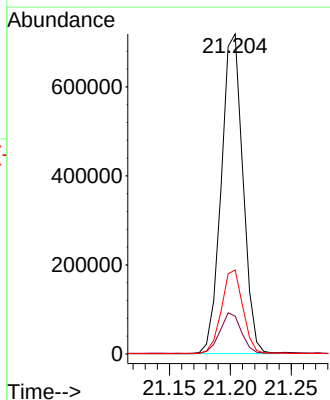
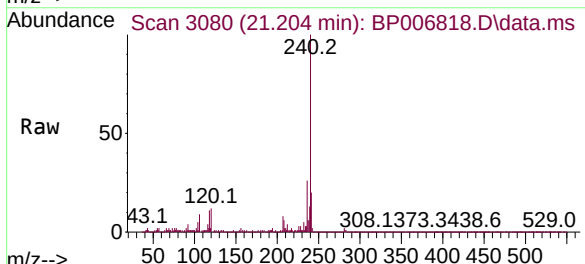
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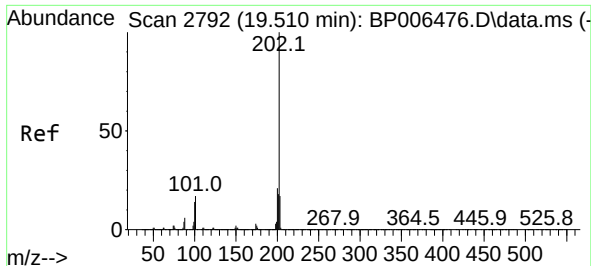
Tgt Ion:202	Resp:	297843
Ion Ratio	Lower	Upper
202	100	
101	12.8	0.0 27.6
203	17.6	0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Tgt Ion:240	Resp:	889236
Ion Ratio	Lower	Upper
240	100	
120	11.8	6.5 9.7#
236	26.2	20.6 31.0

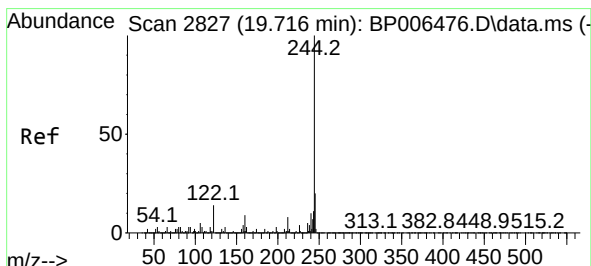
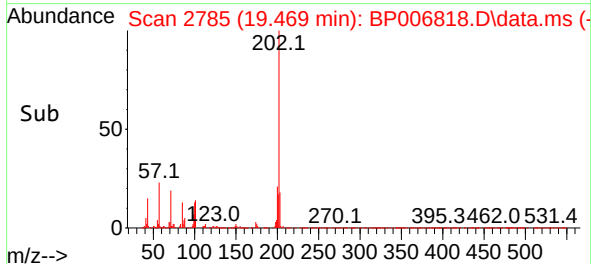
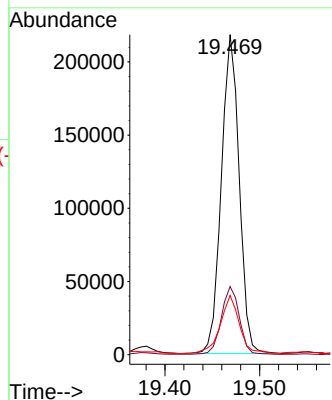
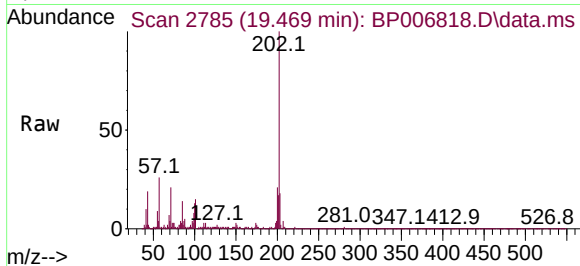




#78
Pyrene
Concen: 4.810 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

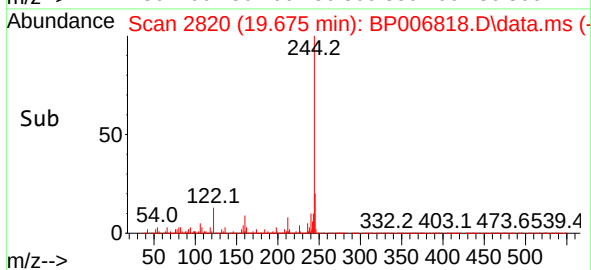
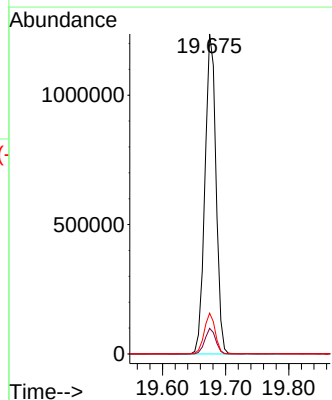
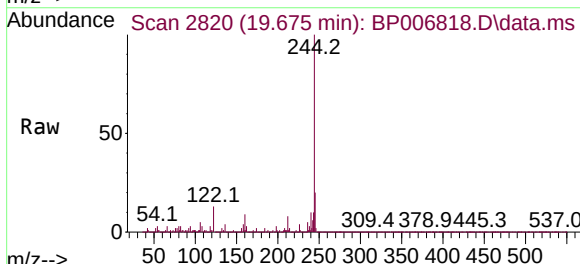
Instrument :
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SWCS-15-0510

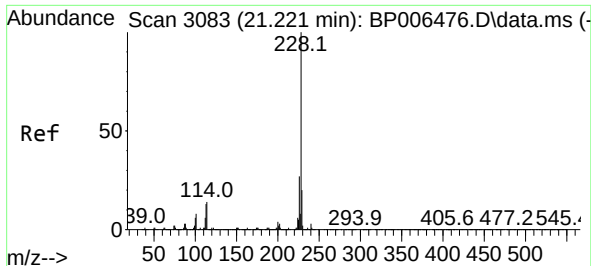
Tgt Ion:202 Resp: 285719
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 18.5 14.2 21.2



#79
Terphenyl-d14
Concen: 33.949 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Tgt Ion:244 Resp: 1506602
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 12.7 7.1 10.7#

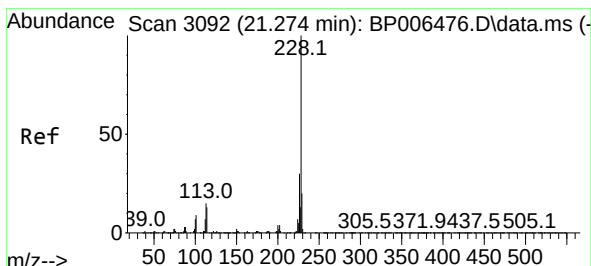
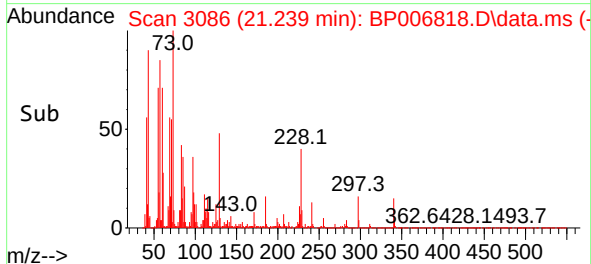
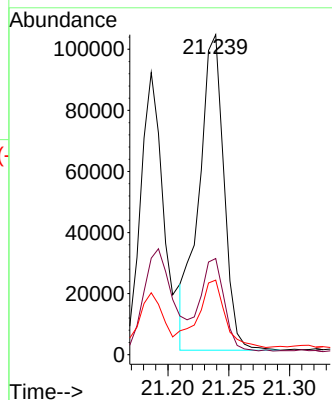
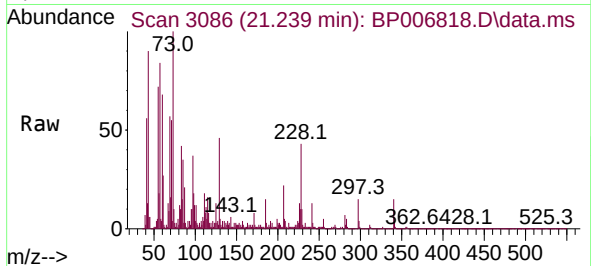




#81
Benzo(a)anthracene
Concen: 2.547 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.047 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

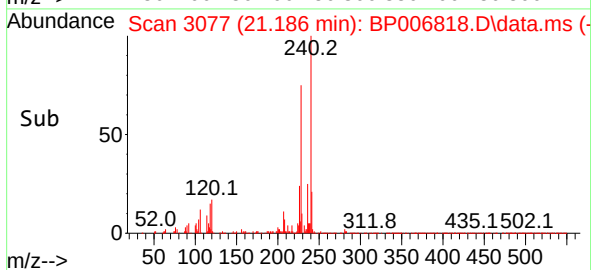
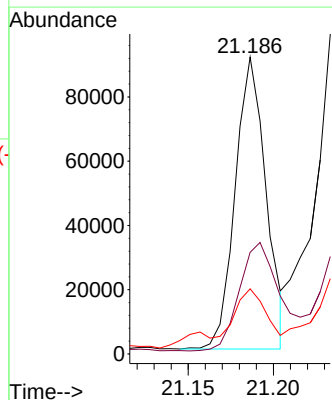
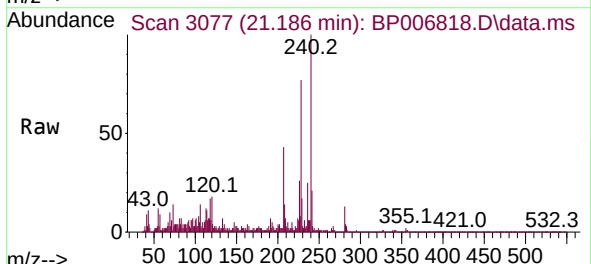
Instrument :
BNA_P
ClientSampleId :
SWCS-15-0510

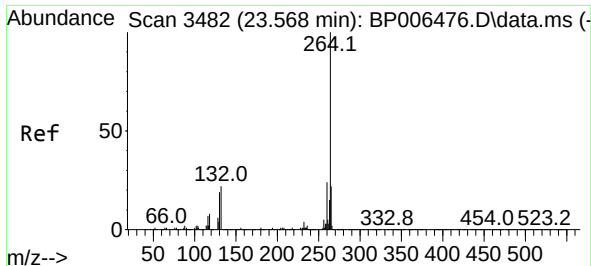
Tgt Ion:228 Resp: 148019
Ion Ratio Lower Upper
228 100
226 30.1 21.6 32.4
229 23.3 15.8 23.6



#83
Chrysene
Concen: 2.034 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.059 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Tgt Ion:228 Resp: 114593
Ion Ratio Lower Upper
228 100
226 34.2 23.8 35.6
229 21.9 15.4 23.2

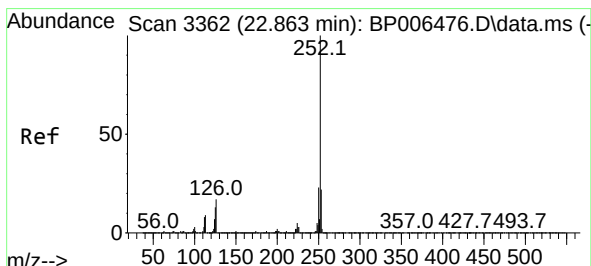
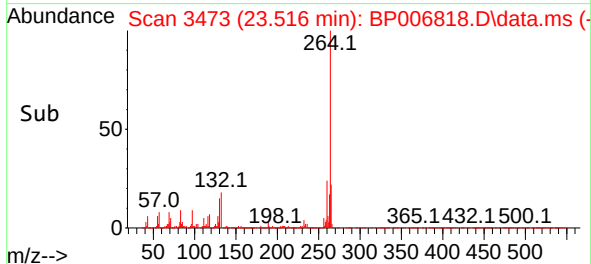
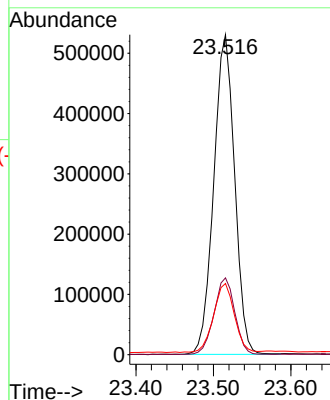
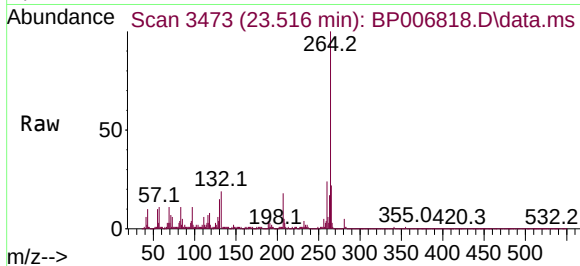




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.516 min Scan# 3473
Delta R.T. 0.000 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

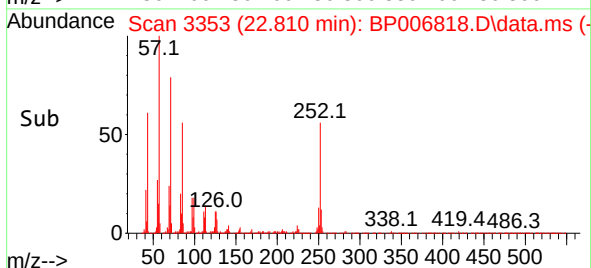
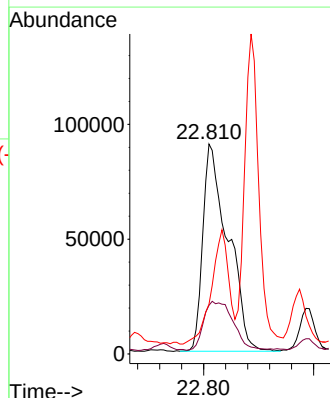
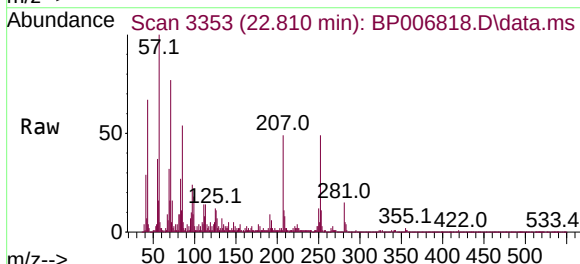
Instrument :
BNA_P
ClientSampleId :
SWCS-15-0510

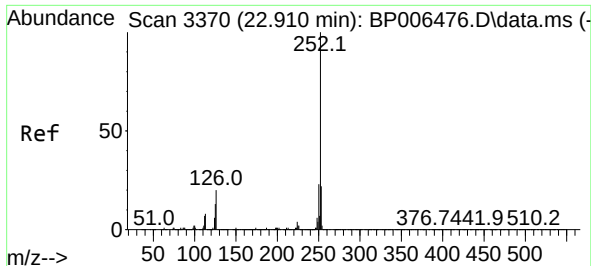
Tgt Ion:264 Resp: 990383
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.3 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 4.467 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.006 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Tgt Ion:252 Resp: 287529
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 23.7 6.2 9.4#

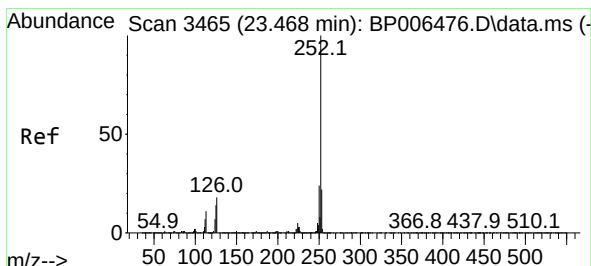
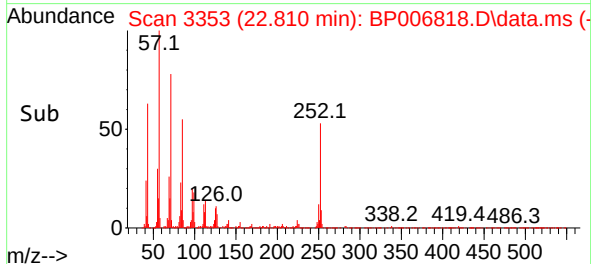
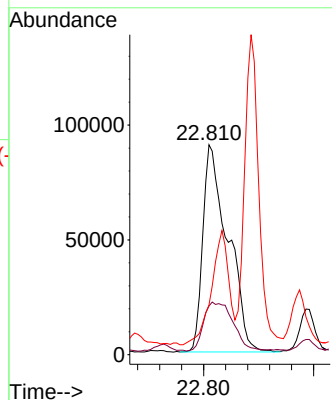
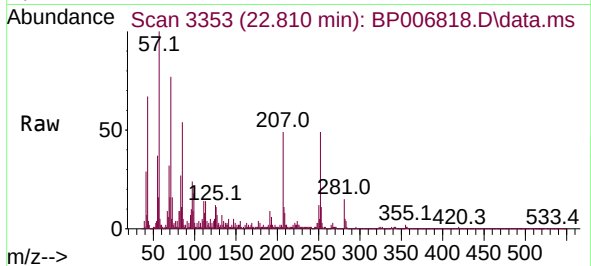




#89
Benzo(k)fluoranthene
Concen: 4.653 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.053 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Instrument :
BNA_P
ClientSampleId :
SWCS-15-0510

Tgt Ion:252 Resp: 287529
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 23.7 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.356 ng
RT: 23.410 min Scan# 3455
Delta R.T. -0.006 min
Lab File: BP006818.D
Acq: 21 Aug 2021 01:28

Tgt Ion:252 Resp: 136044
Ion Ratio Lower Upper
252 100
253 25.1 17.9 26.9
125 26.8 6.5 9.7#

