

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006812.D
 Acq On : 20 Aug 2021 22:03
 Operator : CG/JU
 Sample : M3434-29
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-14-0515

Quant Time: Aug 21 01:00:05 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)

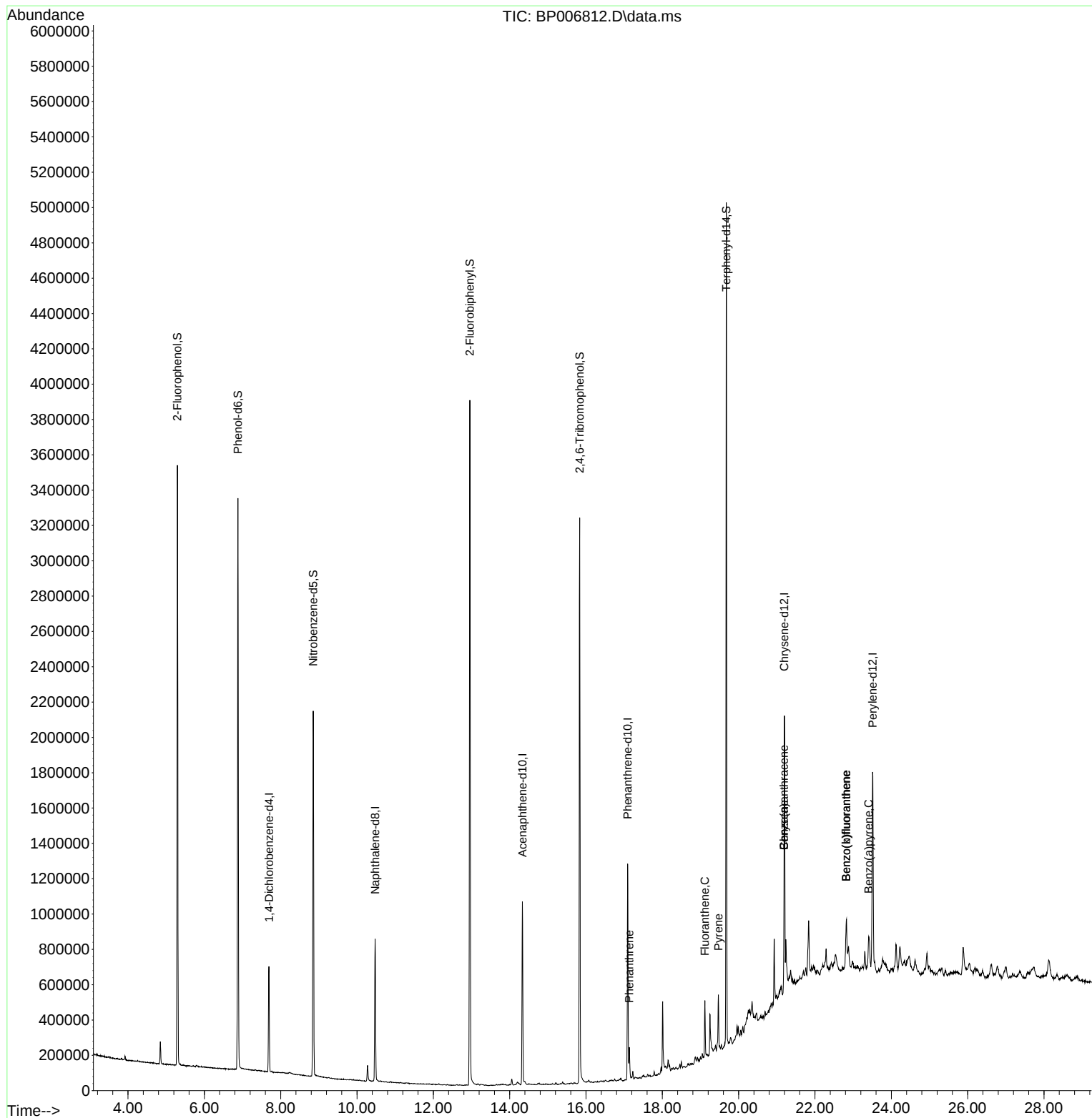
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	151608	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	637067	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	346686	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	647418	20.000	ng	# 0.00
76) Chrysene-d12	21.198	240	625793	20.000	ng	# 0.00
86) Perylene-d12	23.510	264	754013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1440724	145.960	ng	0.00
7) Phenol-d6	6.881	99	1791902	127.797	ng	0.00
23) Nitrobenzene-d5	8.852	82	1242440	90.019	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	507204	139.986	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1830176	78.981	ng	0.00
79) Terphenyl-d14	19.675	244	1938276	62.063	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.134	178	96506	2.643	ng	99
75) Fluoranthene	19.116	202	164164	4.005	ng	95
78) Pyrene	19.469	202	169716	4.060	ng	99
81) Benzo(a)anthracene	21.186	228	87798	2.147	ng	# 88
83) Chrysene	21.186	228	87798	2.214	ng	91
88) Benzo(b)fluoranthene	22.816	252	128841	2.629	ng	# 91
89) Benzo(k)fluoranthene	22.816	252	128841	2.738	ng	# 91
90) Benzo(a)pyrene	23.404	252	97184	2.211	ng	# 89

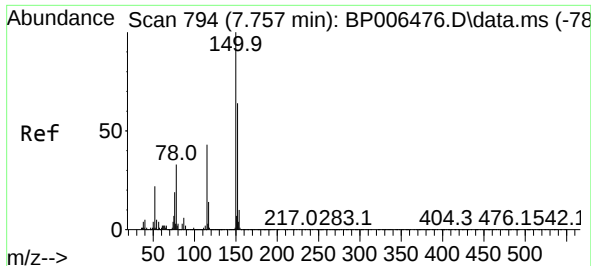
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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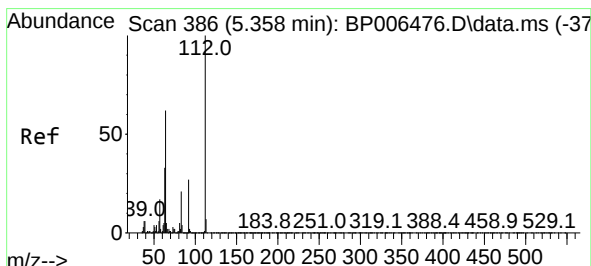
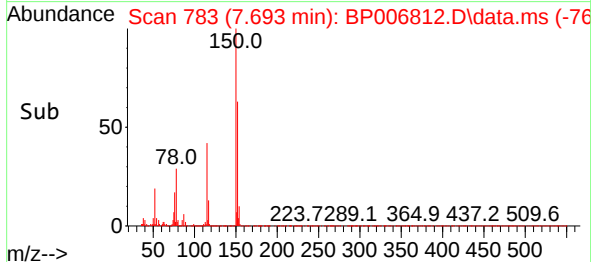
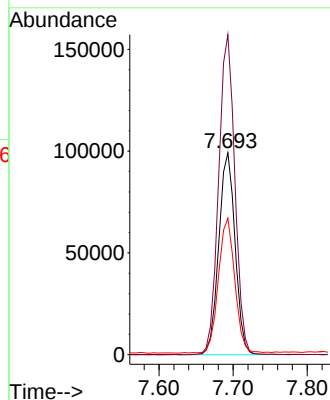
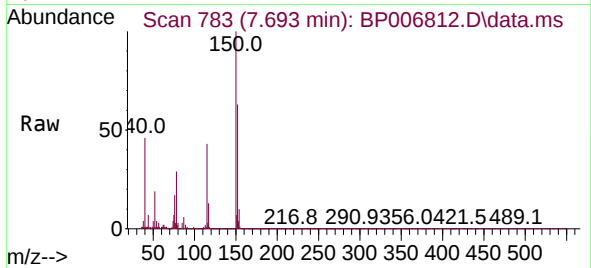




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

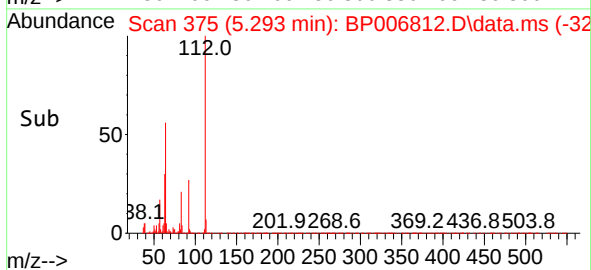
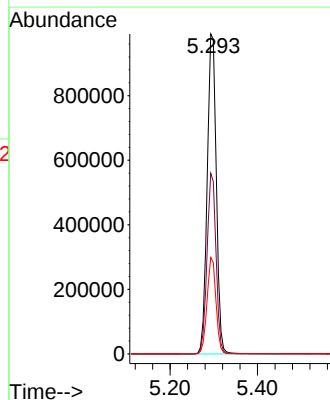
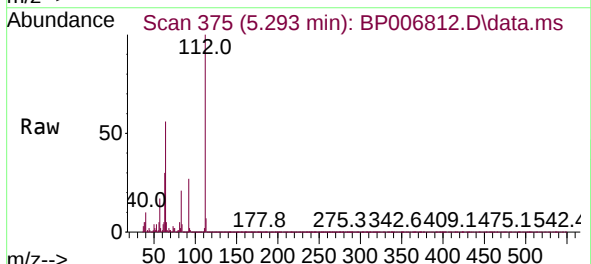
Instrument :
BNA_P
ClientSampleId :
SWCS-14-0515

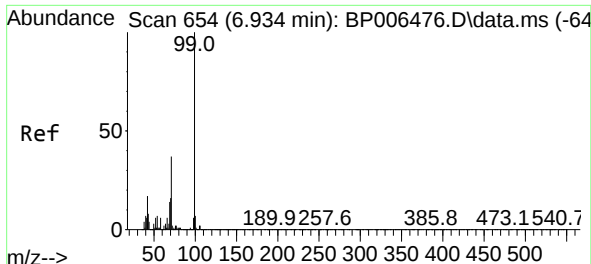
Tgt Ion:152 Resp: 151608
Ion Ratio Lower Upper
152 100
150 158.5 125.6 188.4
115 67.6 48.5 72.7



#5
2-Fluorophenol
Concen: 145.960 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

Tgt Ion:112 Resp: 1440724
Ion Ratio Lower Upper
112 100
64 56.5 41.4 62.2
63 30.1 23.8 35.8

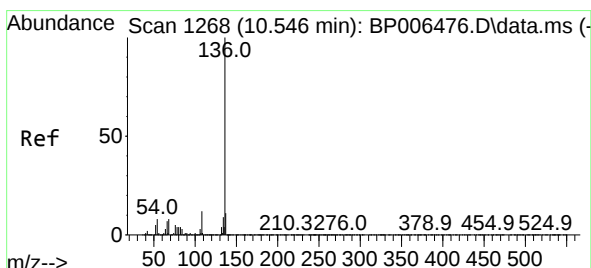
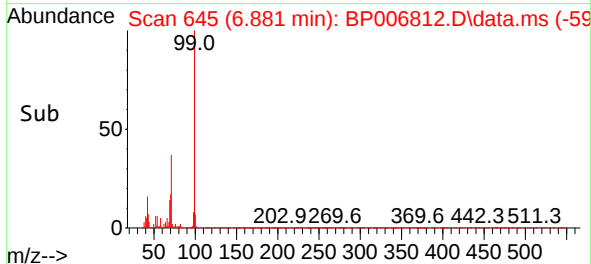
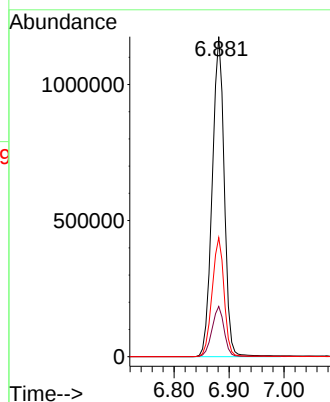
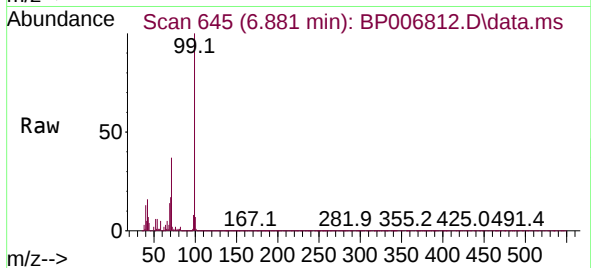




#7
Phenol-d6
Concen: 127.797 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

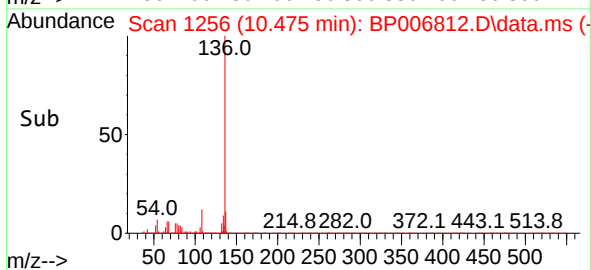
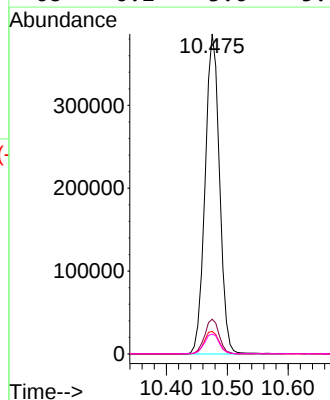
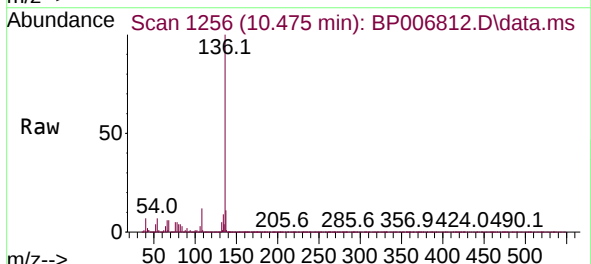
Instrument :
BNA_P
ClientSampleId :
SWCS-14-0515

Tgt Ion: 99 Resp: 1791902
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.0
71 37.2 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: BP006812.D
Acq: 20 Aug 2021 22:03

Tgt Ion: 136 Resp: 637067
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.1 4.6 6.8#
68 6.2 3.6 5.4#

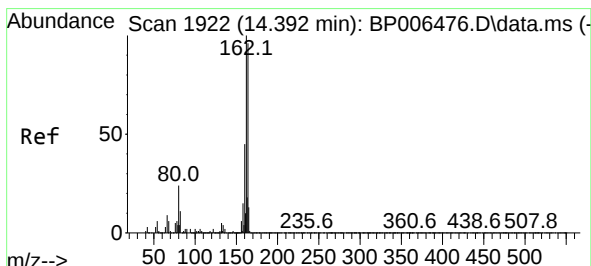
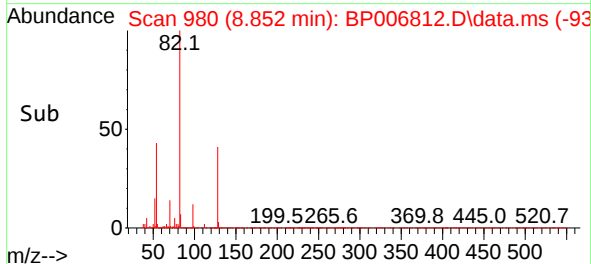
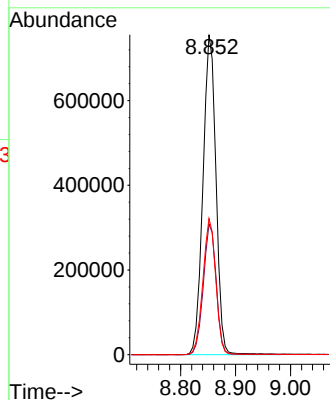
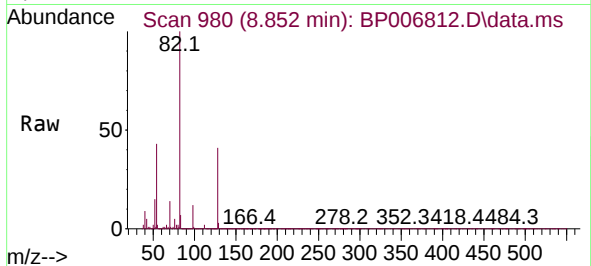




#23
Nitrobenzene-d5
Concen: 90.019 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

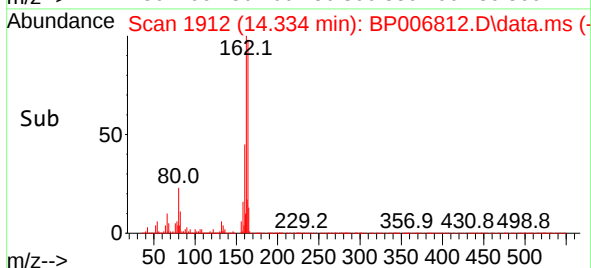
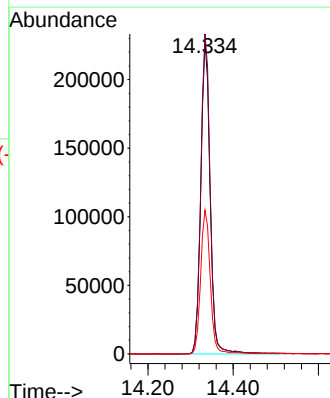
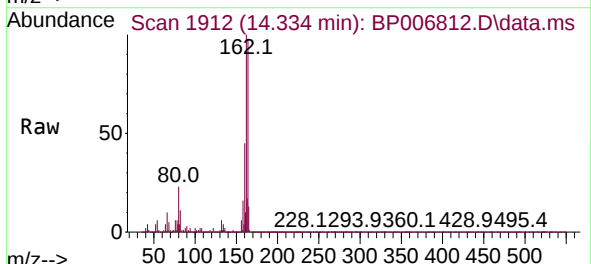
Instrument :
BNA_P
ClientSampleId :
SWCS-14-0515

Tgt Ion: 82 Resp: 1242440
Ion Ratio Lower Upper
82 100
128 40.8 35.7 53.5
54 42.6 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: BP006812.D
Acq: 20 Aug 2021 22:03

Tgt Ion: 164 Resp: 346686
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 45.9 34.5 51.7

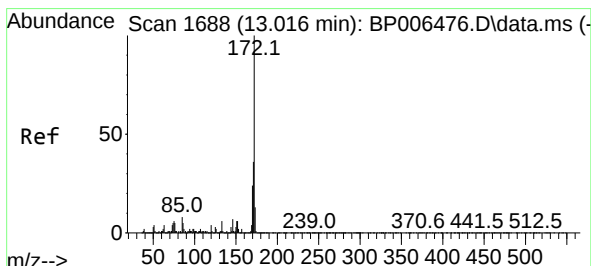
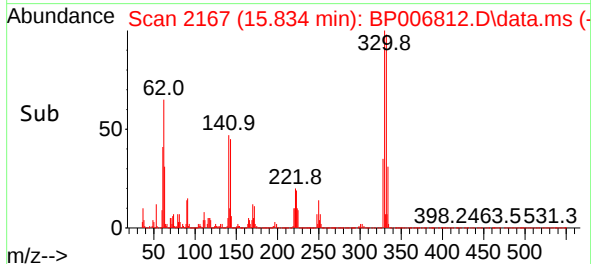
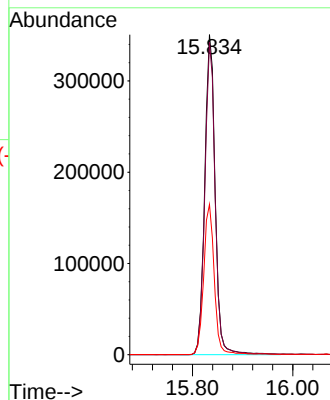
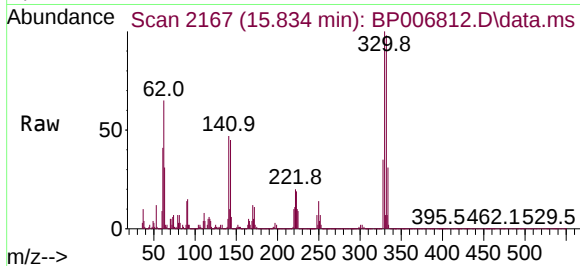




#42
2,4,6-Tribromophenol
Concen: 139.986 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

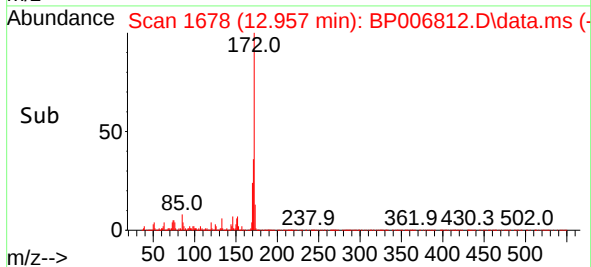
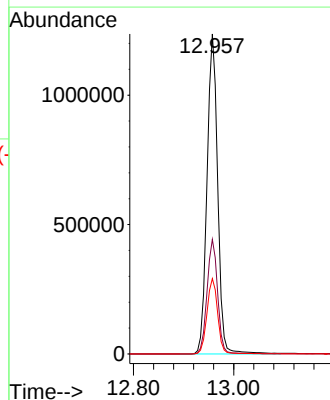
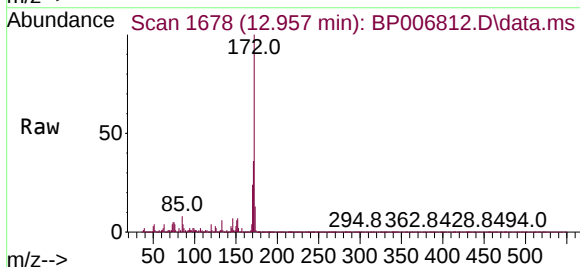
Instrument :
BNA_P
ClientSampleId :
SWCS-14-0515

Tgt Ion:330 Resp: 507204
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 47.4 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 78.981 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

Tgt Ion:172 Resp: 1830176
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.5 18.6 27.8

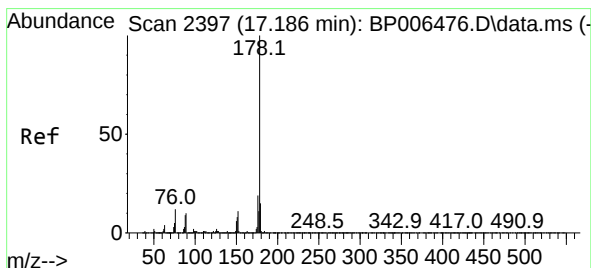
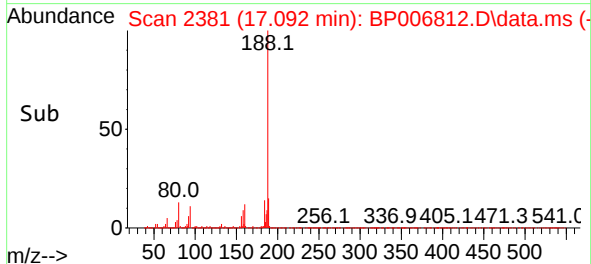
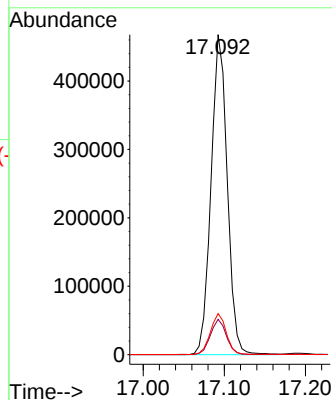
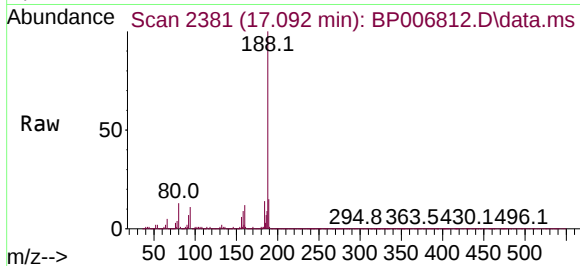




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

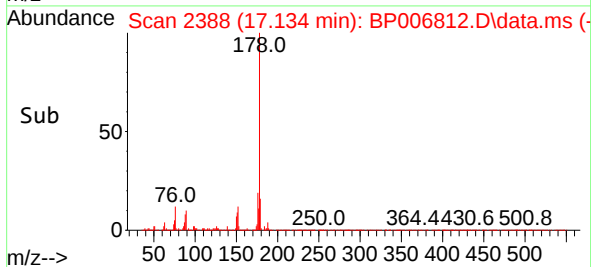
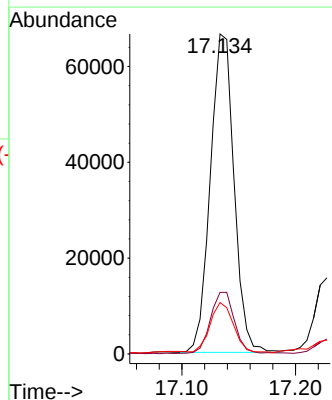
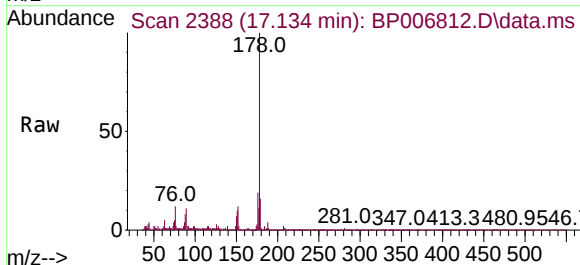
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ClientSampleId :
SWCS-14-0515

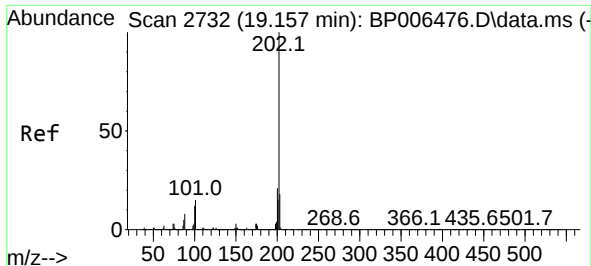
Tgt Ion:188 Resp: 647418
Ion Ratio Lower Upper
188 100
94 11.0 5.6 8.4#
80 12.8 6.3 9.5#



#71
Phenanthrene
Concen: 2.643 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

Tgt Ion:178 Resp: 96506
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 16.0 12.4 18.6

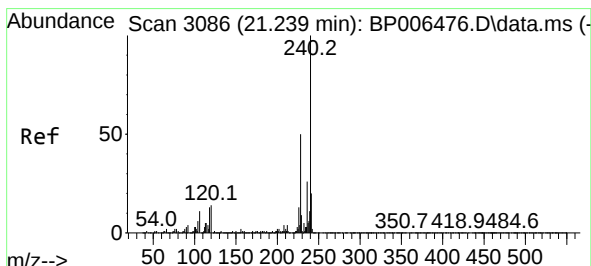
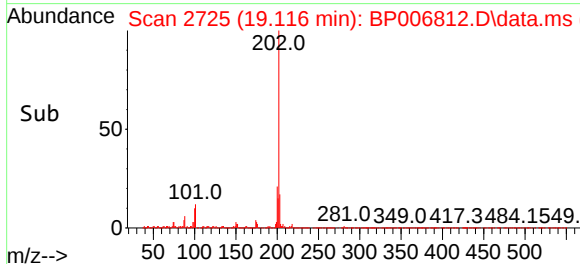
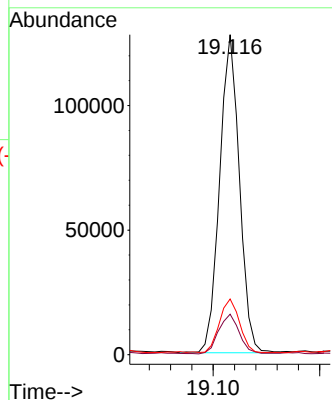
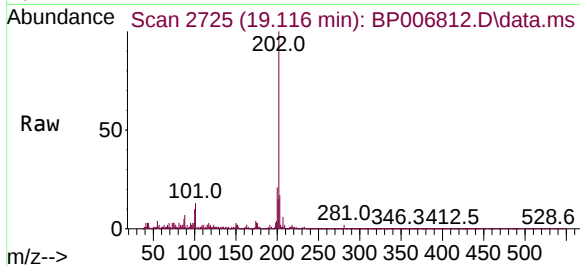




#75
Fluoranthene
Concen: 4.005 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.006 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

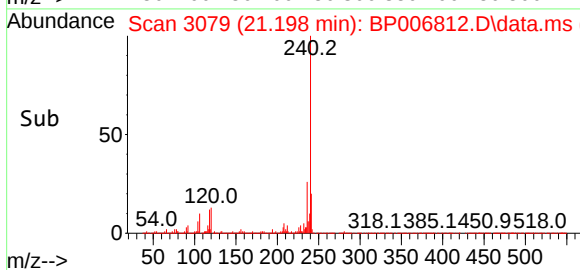
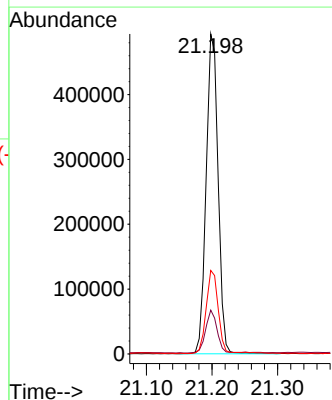
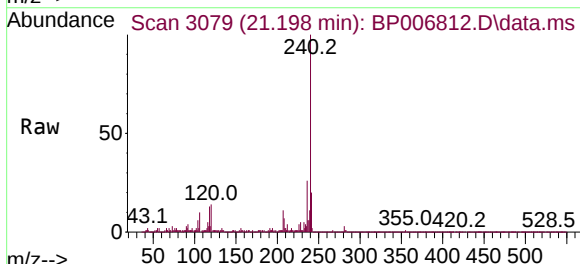
Instrument :
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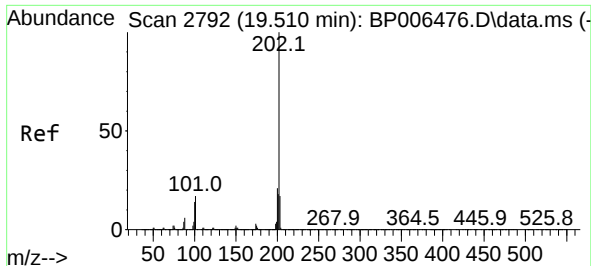
Tgt Ion:202	Resp:	164164
Ion Ratio	Lower	Upper
202	100	
101	12.6	0.0 27.6
203	17.4	0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

Tgt Ion:240	Resp:	625793
Ion Ratio	Lower	Upper
240	100	
120	13.7	6.5 9.7#
236	26.1	20.6 31.0

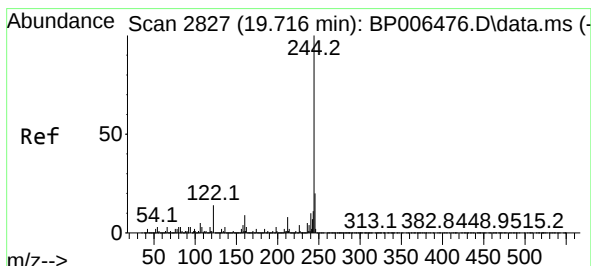
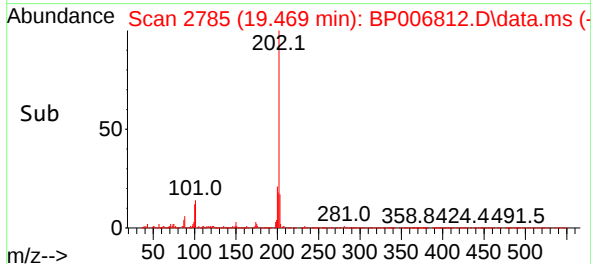
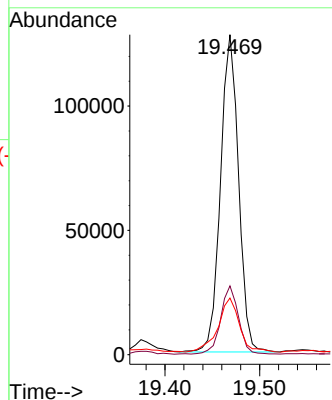
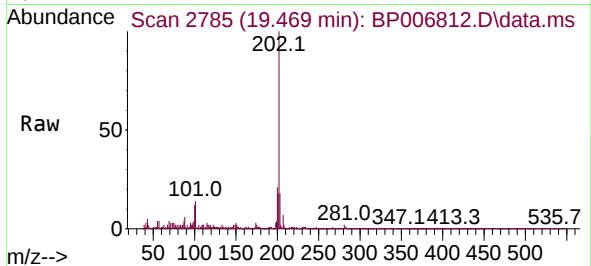




#78
Pyrene
Concen: 4.060 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

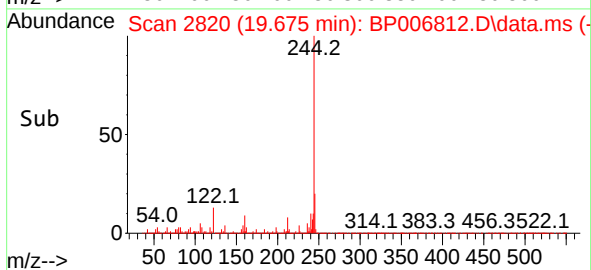
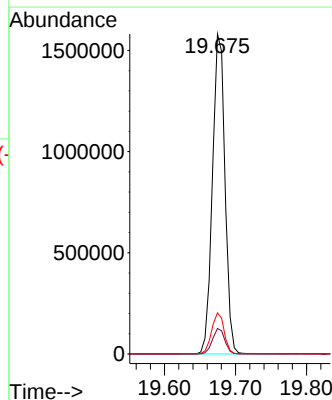
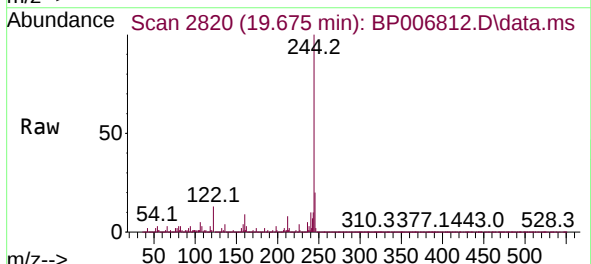
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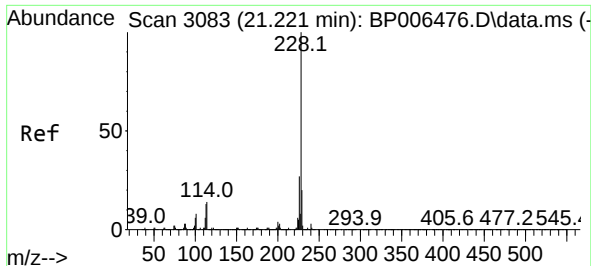
Tgt Ion:202 Resp: 169716
Ion Ratio Lower Upper
202 100
200 21.5 16.3 24.5
203 17.7 14.2 21.2



#79
Terphenyl-d14
Concen: 62.063 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

Tgt Ion:244 Resp: 1938276
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 12.9 7.1 10.7#

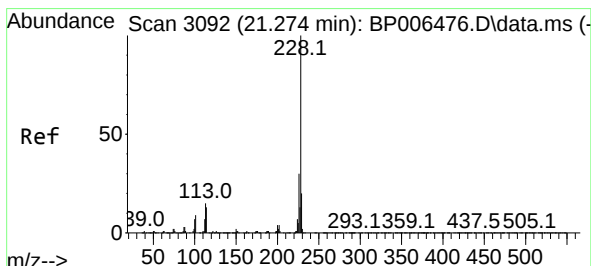
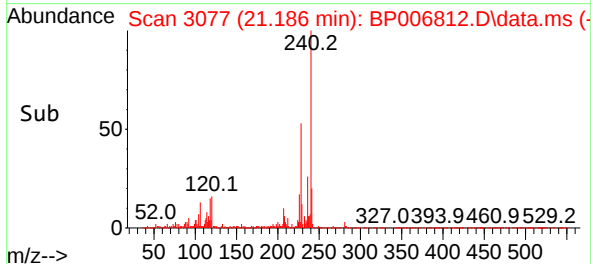
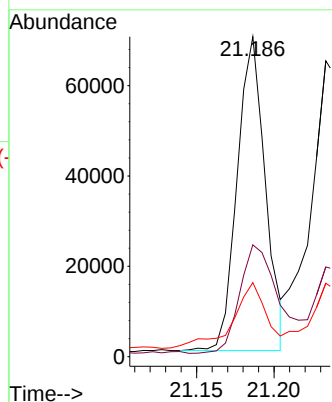
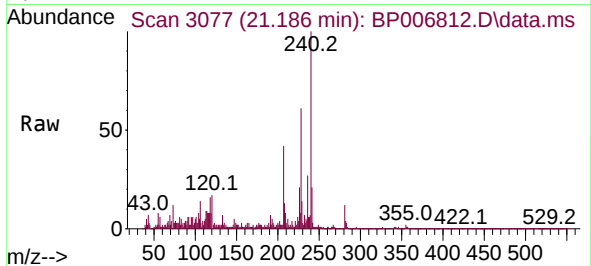




#81
Benzo(a)anthracene
Concen: 2.147 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

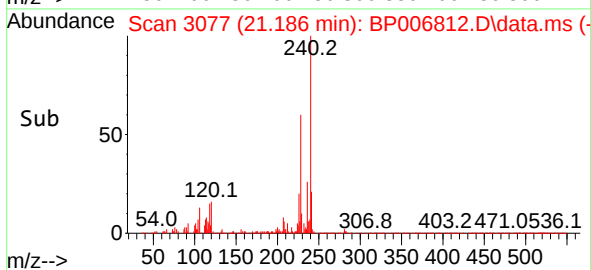
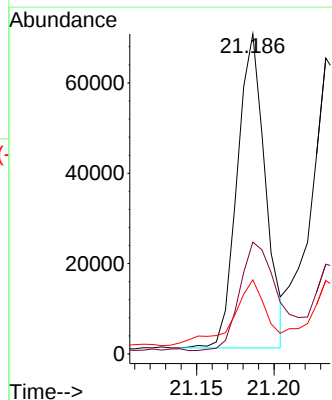
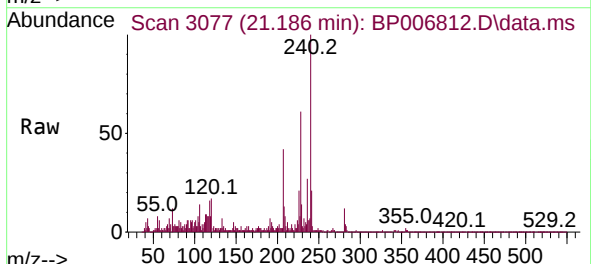
Instrument :
BNA_P
ClientSampleId :
SWCS-14-0515

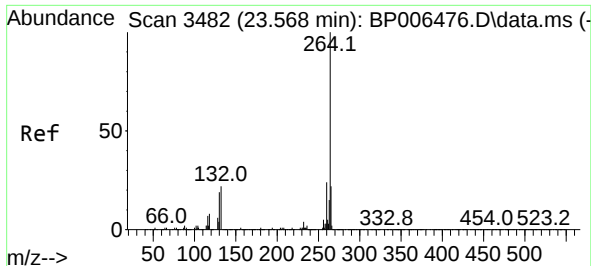
Tgt Ion:228 Resp: 87798
Ion Ratio Lower Upper
228 100
226 35.0 21.6 32.4#
229 23.1 15.8 23.6



#83
Chrysene
Concen: 2.214 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.059 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

Tgt Ion:228 Resp: 87798
Ion Ratio Lower Upper
228 100
226 35.0 23.8 35.6
229 23.1 15.4 23.2

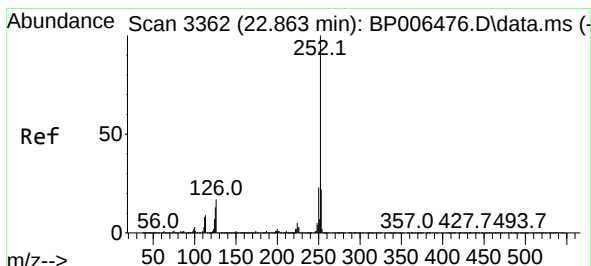
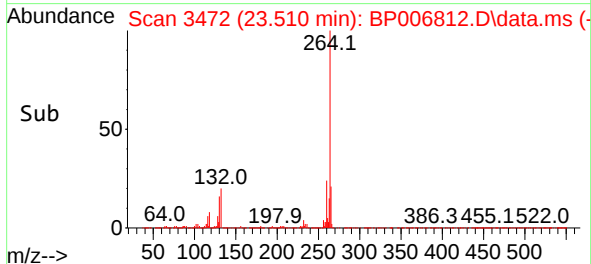
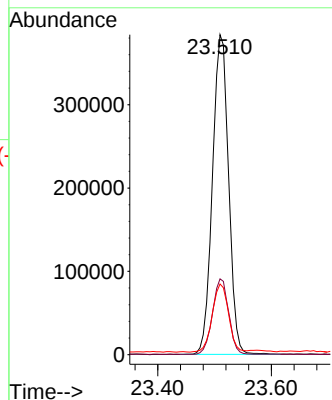
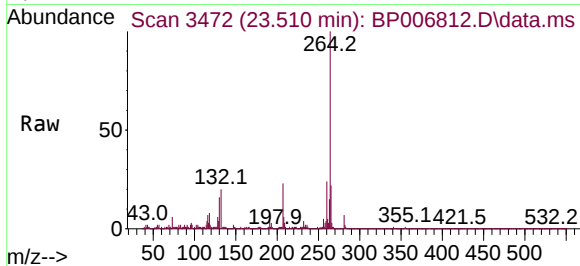




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.006 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

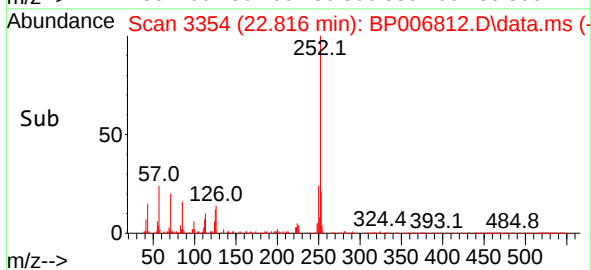
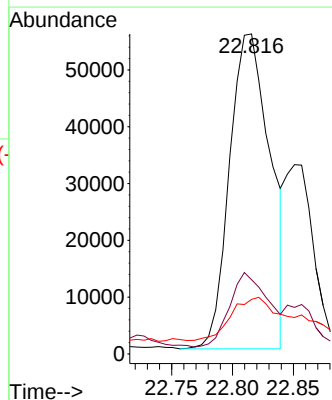
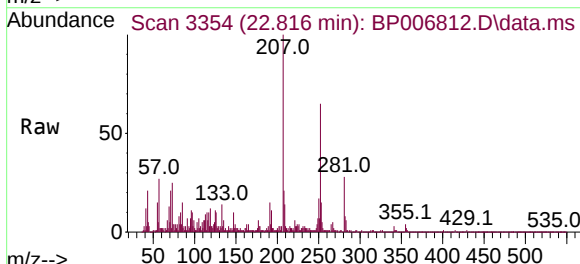
Instrument :
BNA_P
ClientSampleId :
SWCS-14-0515

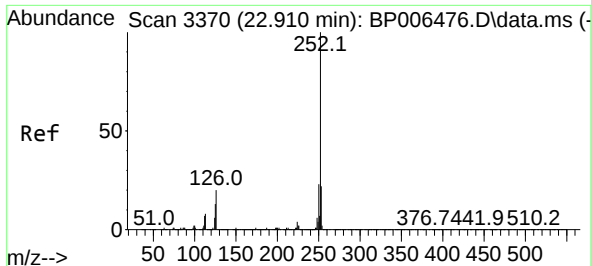
Tgt Ion:264 Resp: 754013
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.1 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.629 ng
RT: 22.816 min Scan# 3354
Delta R.T. 0.000 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

Tgt Ion:252 Resp: 128841
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 17.0 6.2 9.4#

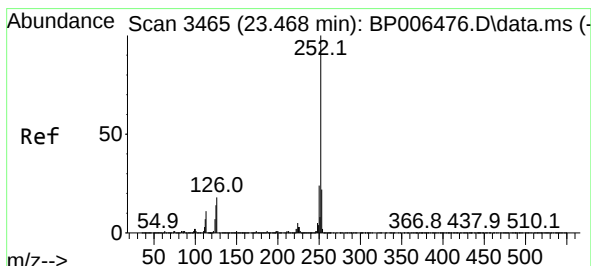
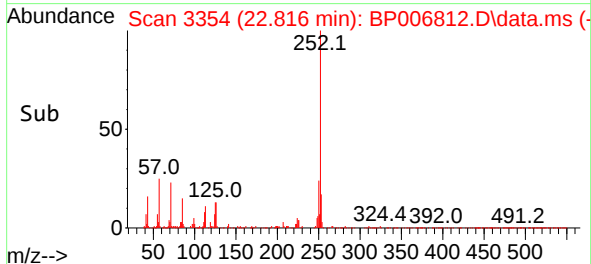
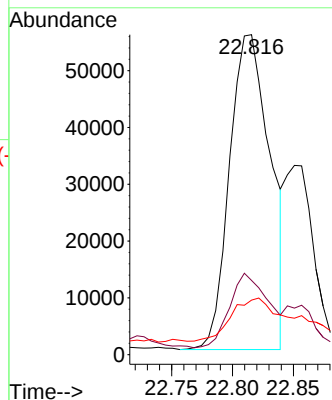
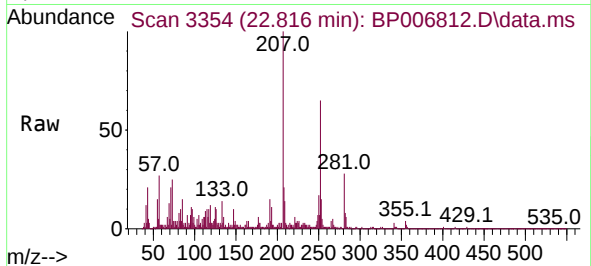




#89
Benzo(k)fluoranthene
Concen: 2.738 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.047 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

Instrument :
BNA_P
ClientSampleId :
SWCS-14-0515

Tgt Ion:252 Resp: 128841
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 17.0 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.211 ng
RT: 23.404 min Scan# 3454
Delta R.T. -0.012 min
Lab File: BP006812.D
Acq: 20 Aug 2021 22:03

Tgt Ion:252 Resp: 97184
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 17.8 6.5 9.7#

