Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006800.D
Acq On : 20 Aug 2021 14:58
Operator : CG/JU
Sample : M3398-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-05-0205

Quant Time: Aug 20 17:03:12 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	257379	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	1154605	20.000	ng	#	0.00
39) Acenaphthene-d10	14.339	164	651703	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	1223319	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	835066	20.000	ng	#	0.00
86) Perylene-d12	23.521	264	761328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1898651	113.304	ng		0.00
7) Phenol-d6	6.887	99	2442953	102.629	ng		0.00
23) Nitrobenzene-d5	8.857	82	1698331	67.894	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	774743	113.749	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2986808	68.569	ng		0.00
79) Terphenyl-d14	19.680	244	3566678	85.584	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.057	152	287543	4.694	ng		99
71) Phenanthrene	17.139	178	1092046	15.826	ng		100
72) Anthracene	17.233	178	161896	2.428	ng		100
75) Fluoranthene	19.122	202	2392084	30.886	ng		95
78) Pyrene	19.475	202	1995059	35.768	ng		99
81) Benzo(a)anthracene	21.192	228	714307	13.089	ng		93
83) Chrysene	21.245	228	900146	17.014	ng		98
88) Benzo(b)fluoranthene	22.821	252	1103997	22.312	ng	#	95
89) Benzo(k)fluoranthene	22.821	252	1103997	23.239	ng	#	95
90) Benzo(a)pyrene	23.416	252	672581	15.155	ng	#	95
91) Dibenzo(a,h)anthracene	25.915	278	141193	2.958	ng	#	83
92) Benzo(g,h,i)perylene	26.639	276	554790	12.130	ng	#	91

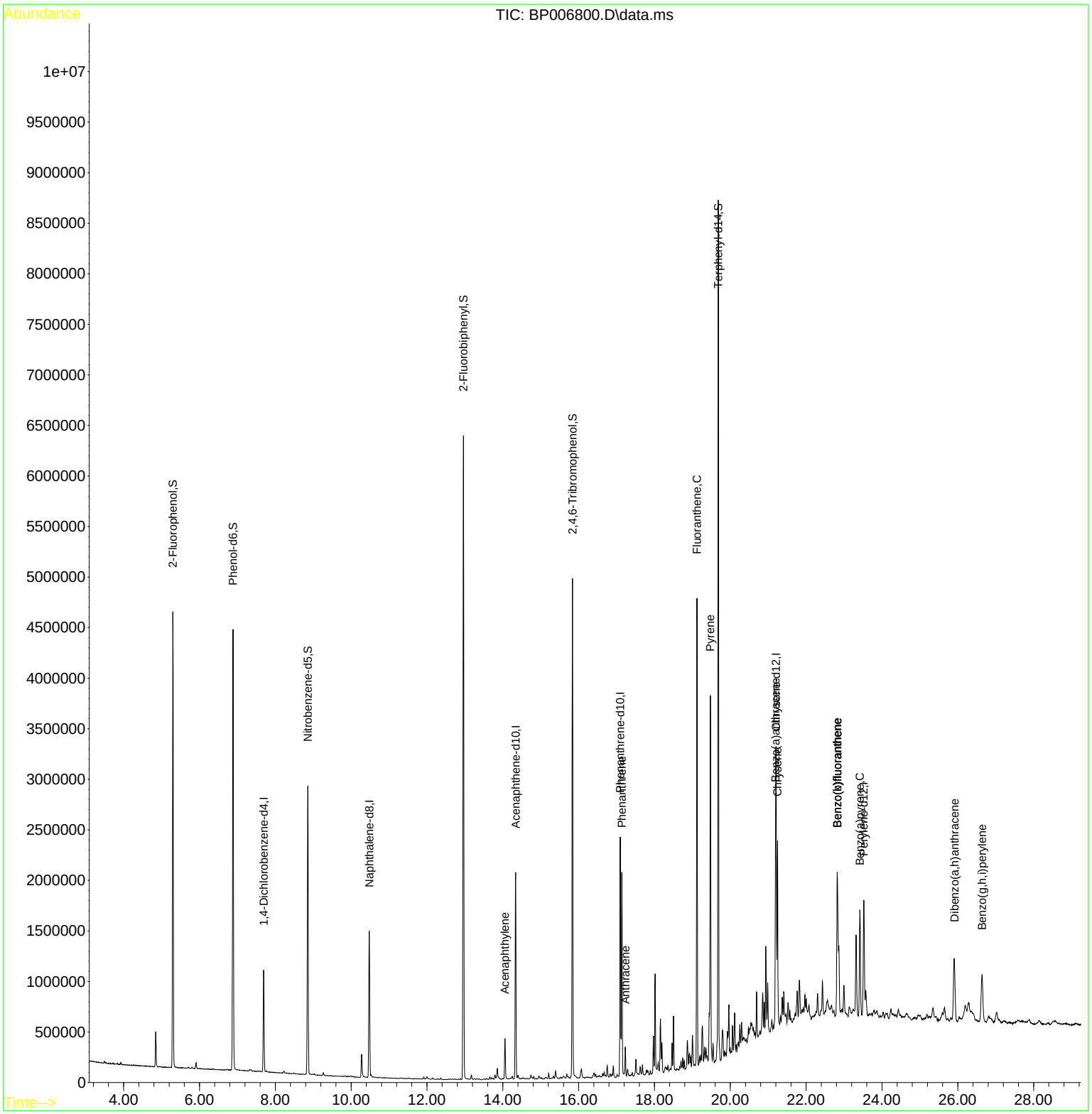
(#) = qualifier out of range (m) = manual integration (+) = signals summed

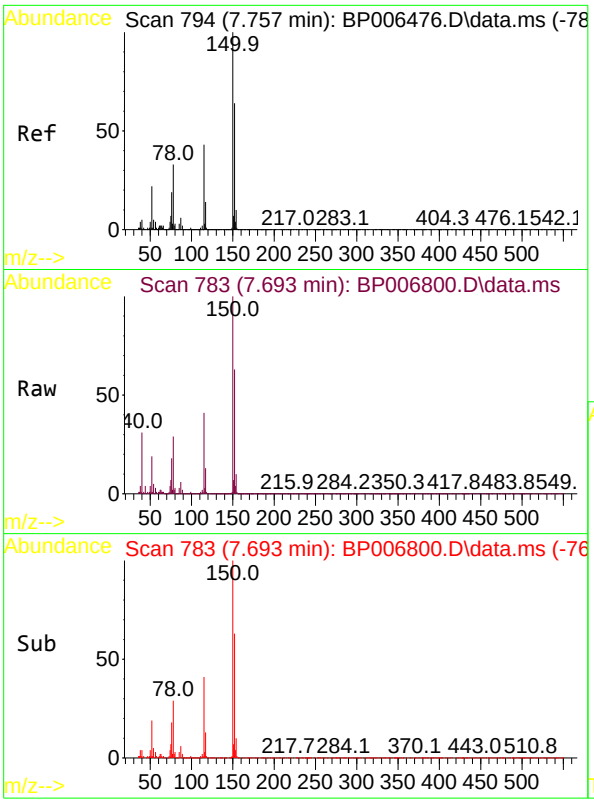
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006800.D
Acq On : 20 Aug 2021 14:58
Operator : CG/JU
Sample : M3398-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

Quant Time: Aug 20 17:03:12 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

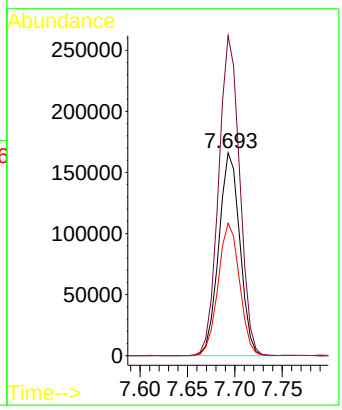




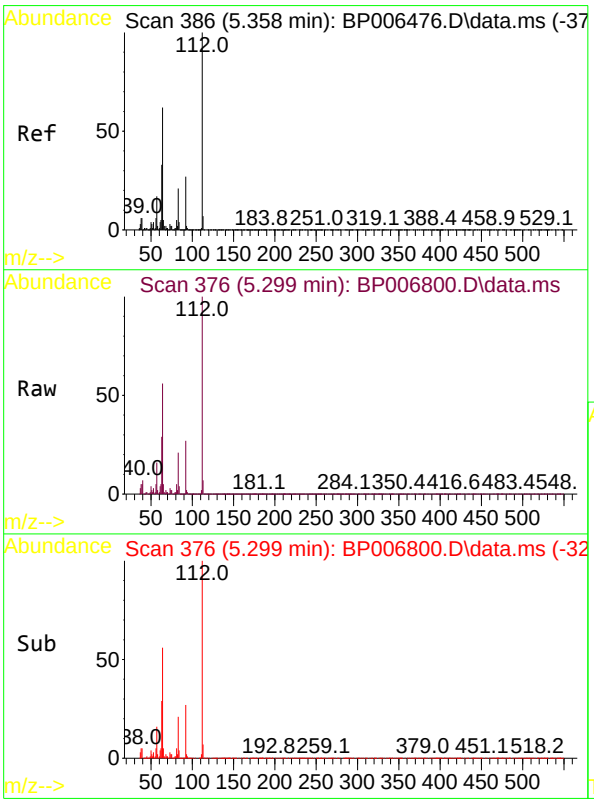
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:152 Resp: 257379

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.6	188.4
115	65.3	48.5	72.7



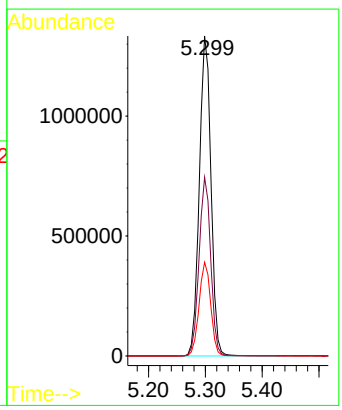
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205



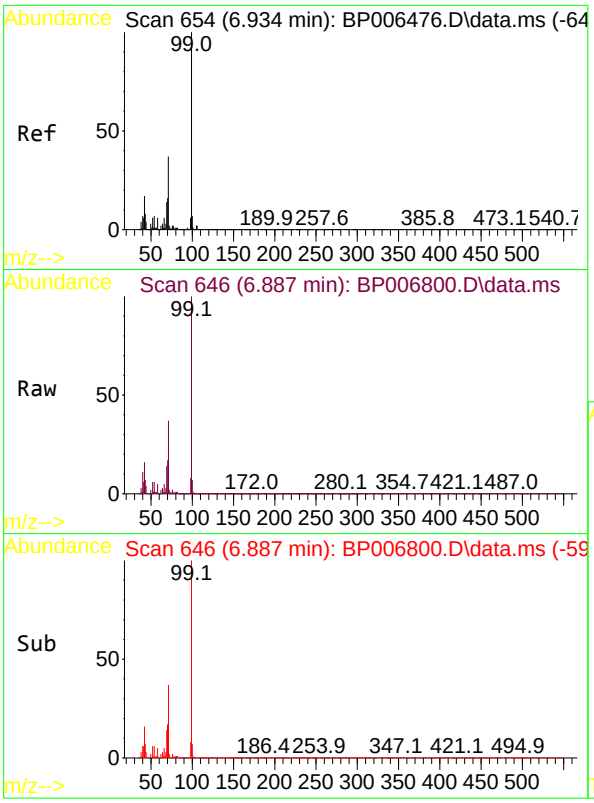
#5
2-Fluorophenol
Concen: 113.304 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:112 Resp: 1898651

Ion	Ratio	Lower	Upper
112	100		
64	55.8	41.4	62.2
63	29.3	23.8	35.8



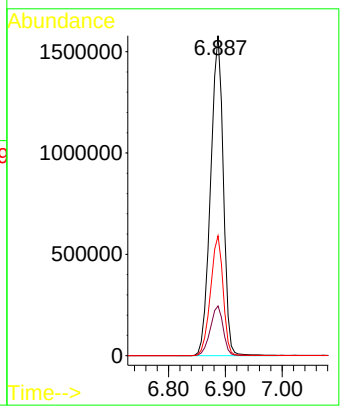
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

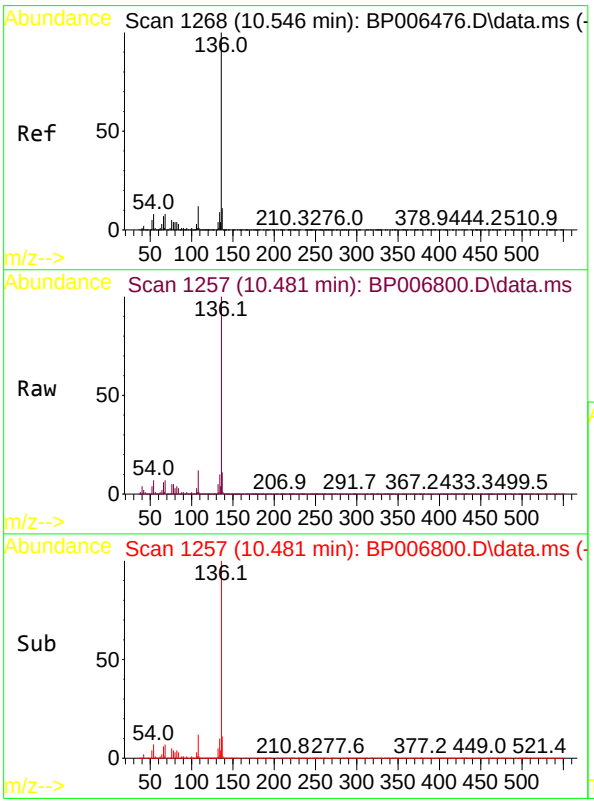


#7
Phenol-d6
Concen: 102.629 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion: 99 Resp: 2442953

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.4	20.0
71	37.4	30.6	46.0

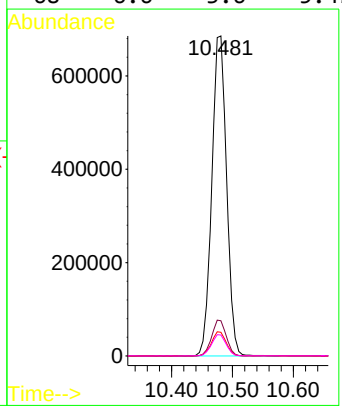




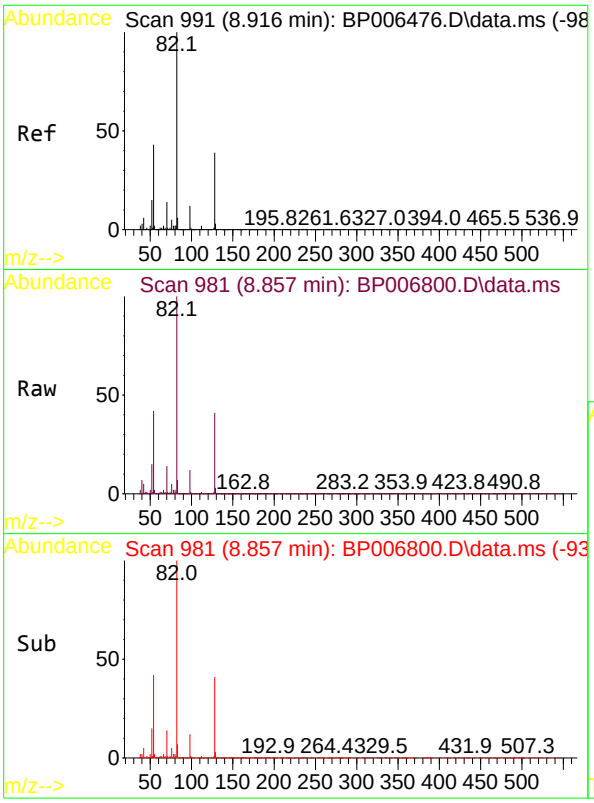
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:136 Resp: 1154605

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.4	4.6	6.8#
68	6.6	3.6	5.4#



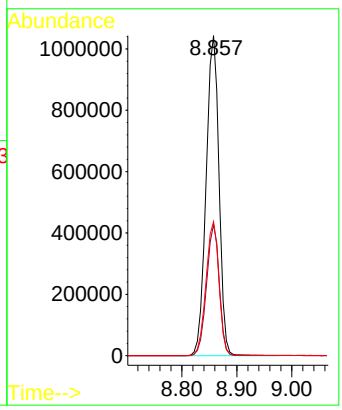
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

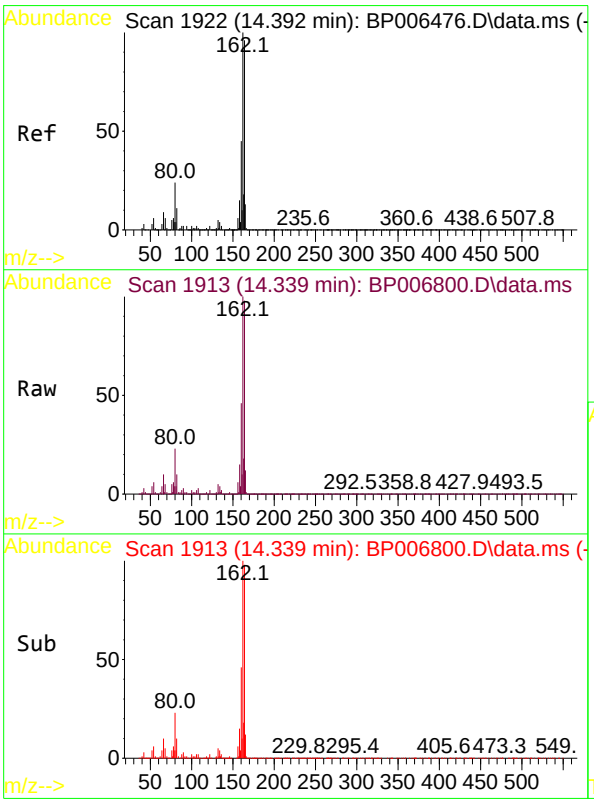


#23
Nitrobenzene-d5
Concen: 67.894 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion: 82 Resp: 1698331

Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.7	53.5
54	41.9	35.0	52.4

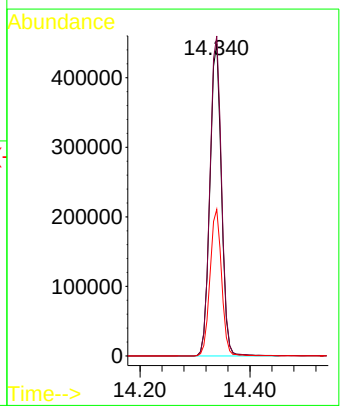




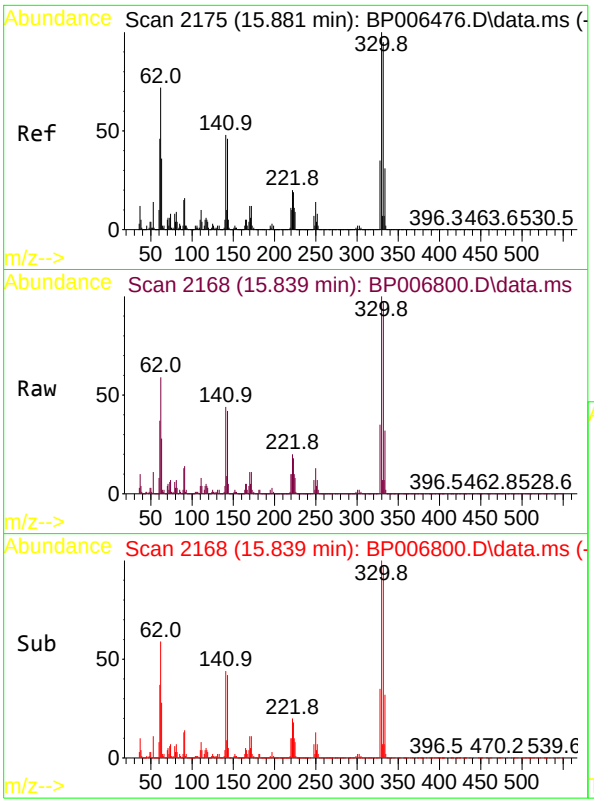
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:164 Resp: 651703

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.2
160	46.9	34.5	51.7



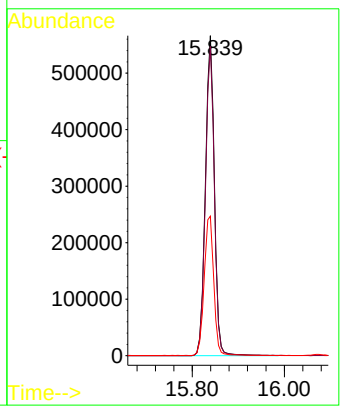
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

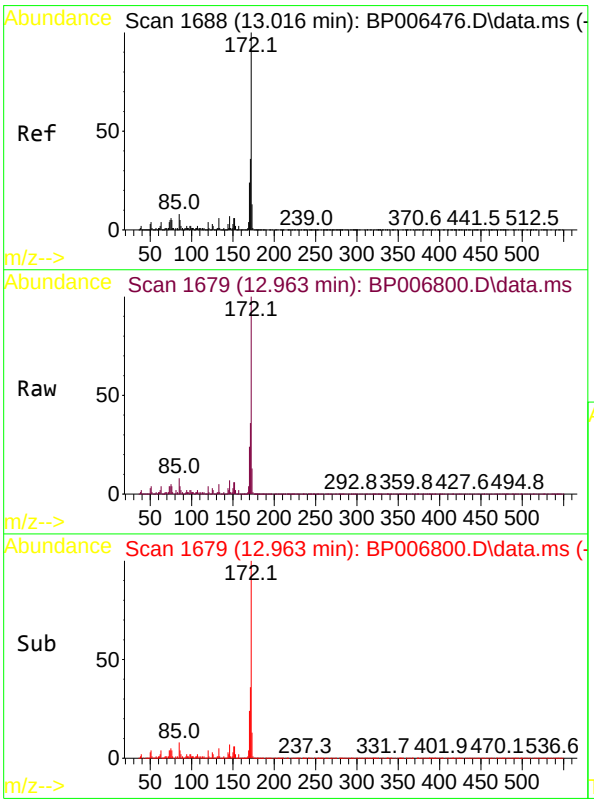


#42
2,4,6-Tribromophenol
Concen: 113.749 ng
RT: 15.839 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:330 Resp: 774743

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.8
141	46.3	25.4	38.2#

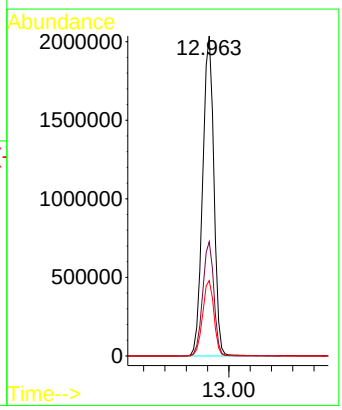


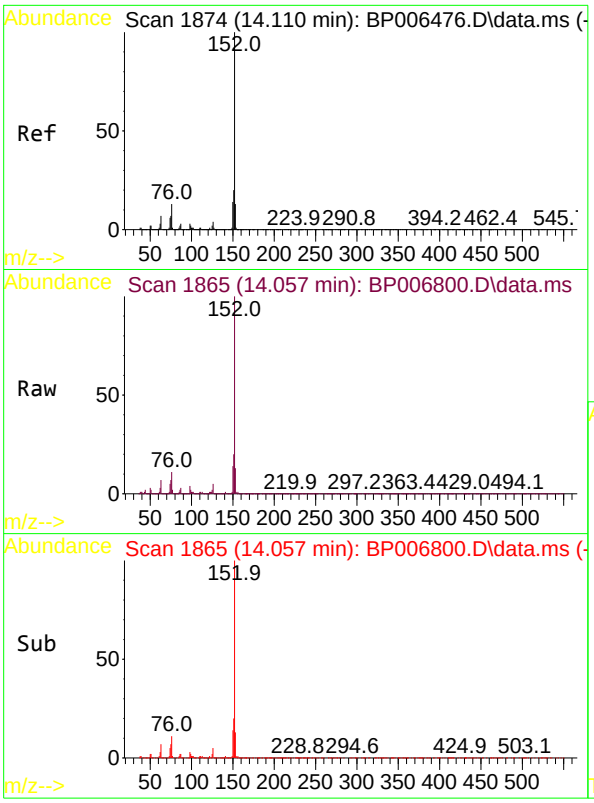


#45
2-Fluorobiphenyl
Concen: 68.569 ng
RT: 12.963 min Scan# 1679
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:172 Resp: 2986808

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	23.5	18.6	27.8

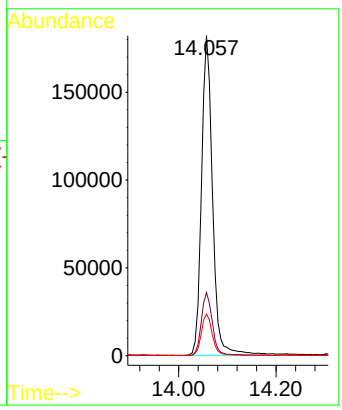




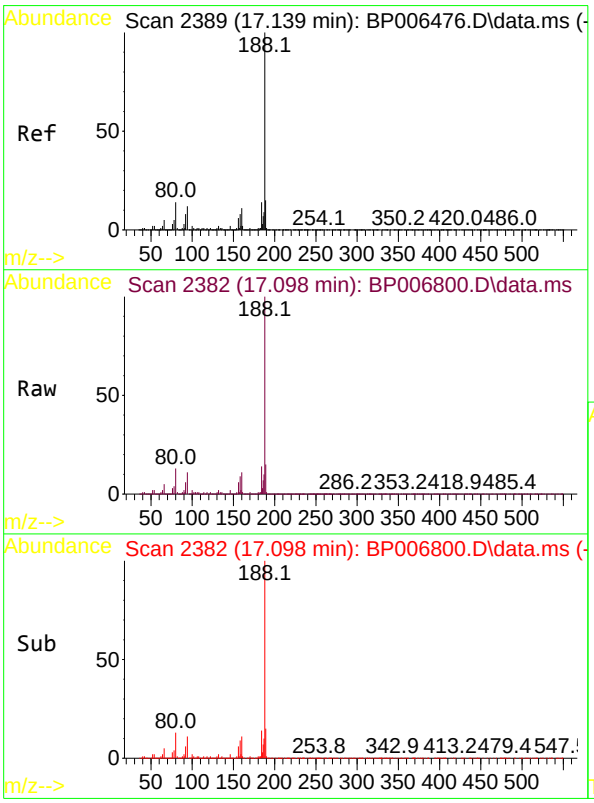
#49
Acenaphthylene
Concen: 4.694 ng
RT: 14.057 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:152 Resp: 287543

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.0	10.6	16.0



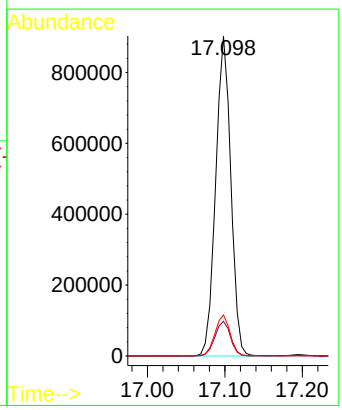
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

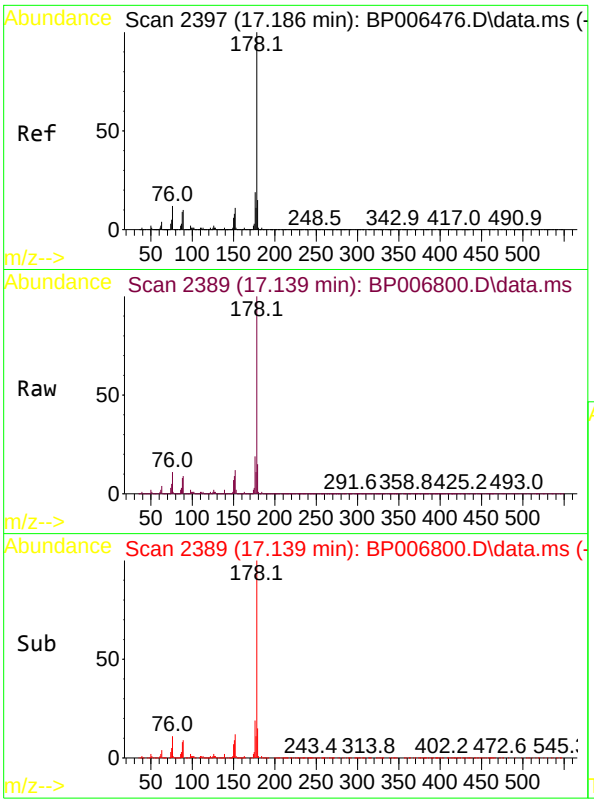


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:188 Resp: 1223319

Ion	Ratio	Lower	Upper
188	100		
94	10.9	5.6	8.4#
80	12.8	6.3	9.5#

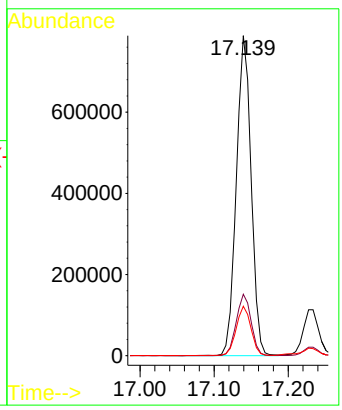




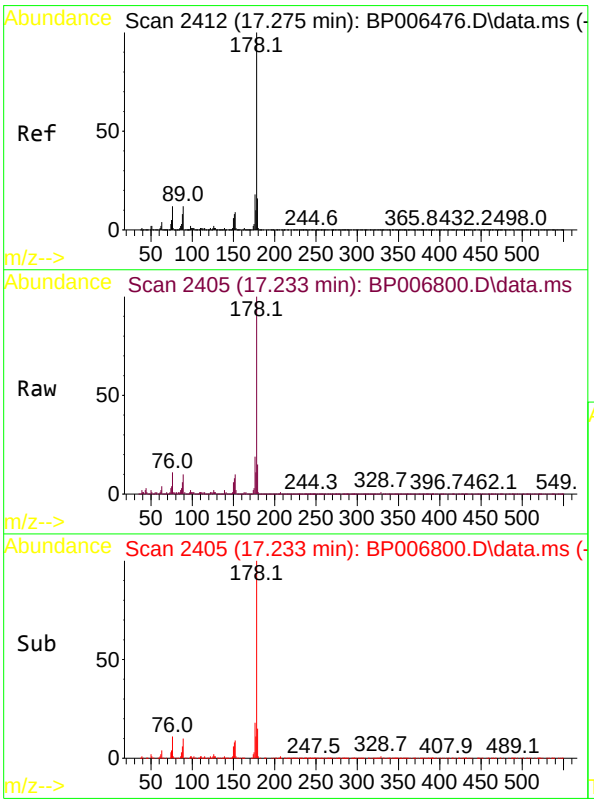
#71
Phenanthrene
Concen: 15.826 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:178 Resp: 1092046

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.5	12.4	18.6



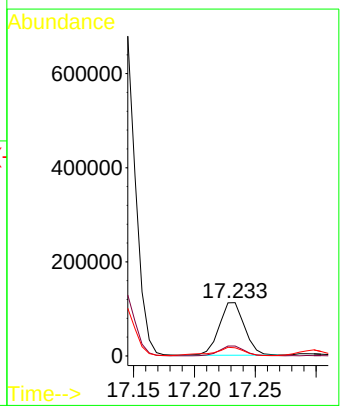
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205



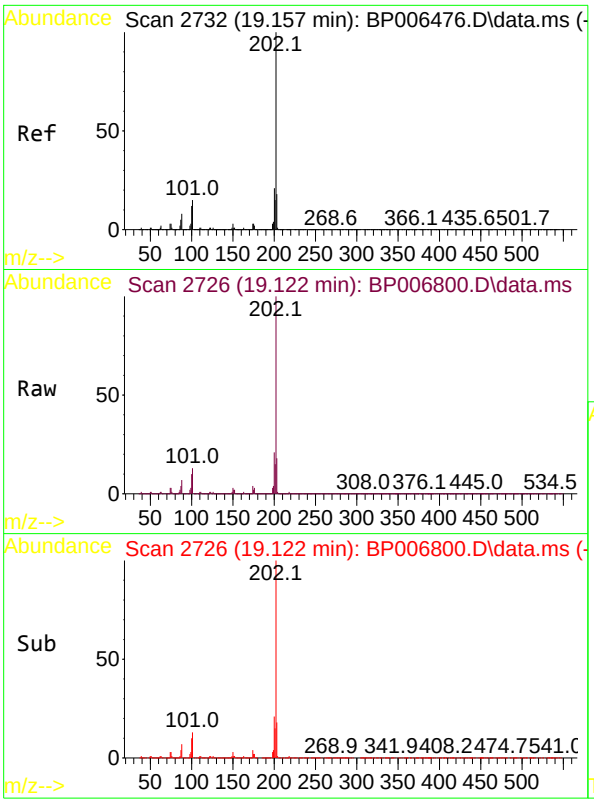
#72
Anthracene
Concen: 2.428 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:178 Resp: 161896

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.3	12.2	18.2



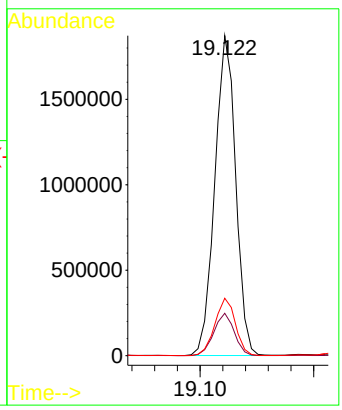
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

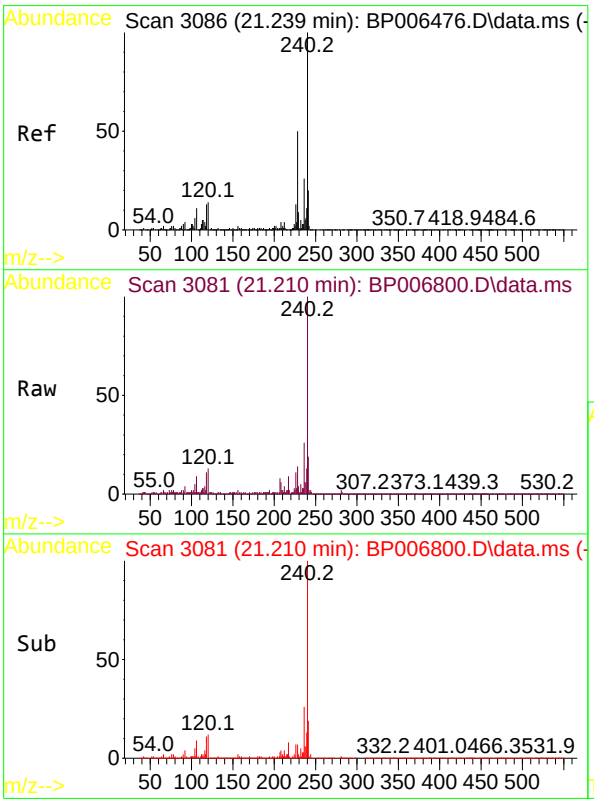


#75
Fluoranthene
Concen: 30.886 ng
RT: 19.122 min Scan# 2726
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:202 Resp: 2392084

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	27.6
203	18.0	0.0	37.8

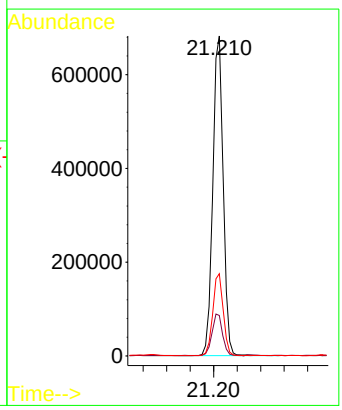




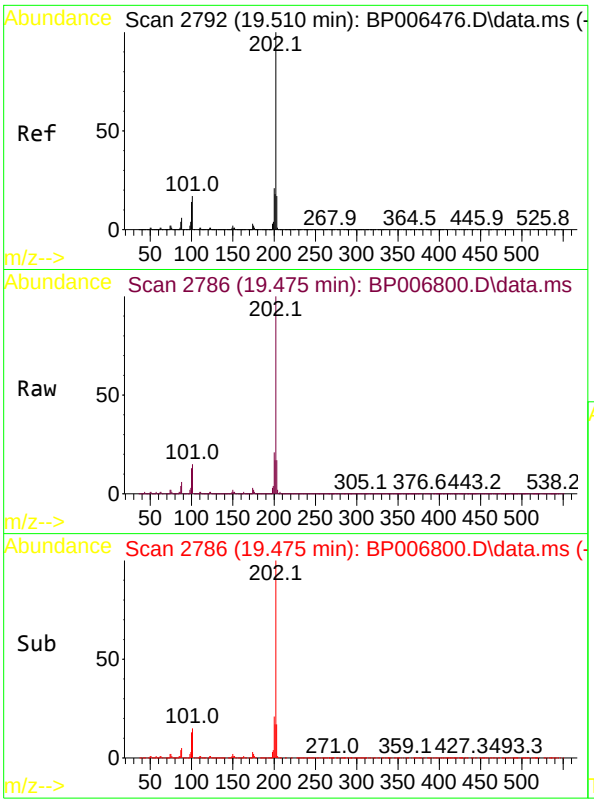
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:240 Resp: 835066

Ion	Ratio	Lower	Upper
240	100		
120	12.6	6.5	9.7#
236	25.7	20.6	31.0



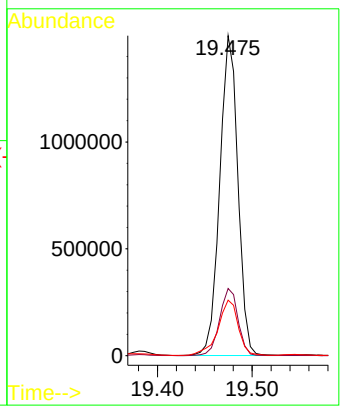
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

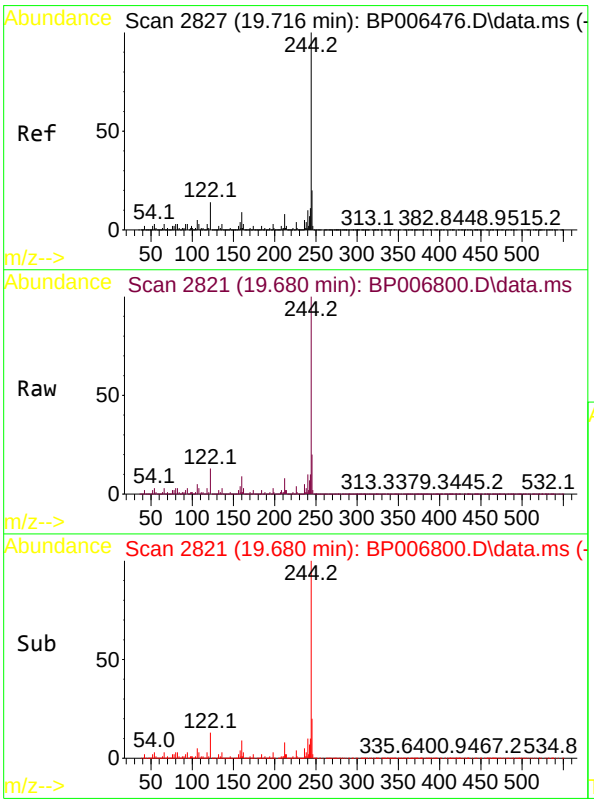


#78
Pyrene
Concen: 35.768 ng
RT: 19.475 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:202 Resp: 1995059

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	17.3	14.2	21.2

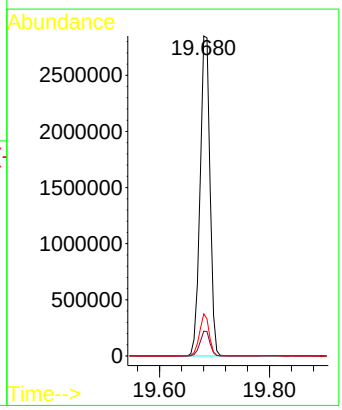




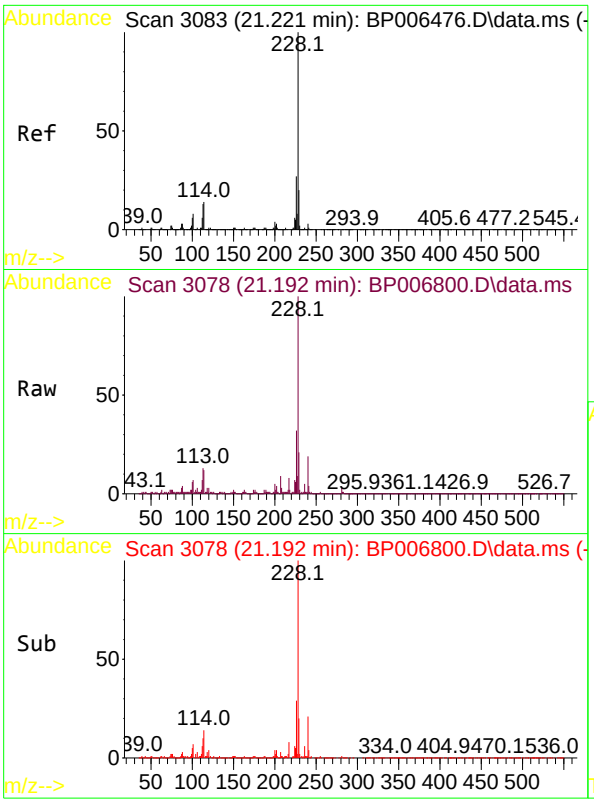
#79
Terphenyl-d14
Concen: 85.584 ng
RT: 19.680 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:244 Resp: 3566678

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.1	7.1	10.7#



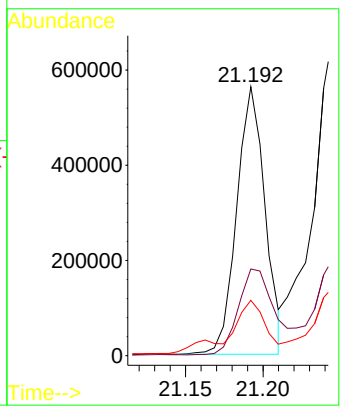
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

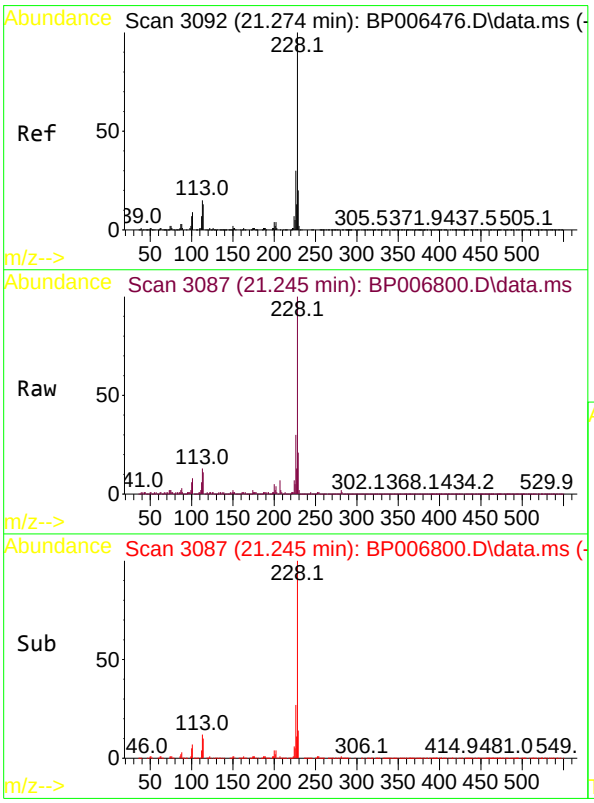


#81
Benzo(a)anthracene
Concen: 13.089 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:228 Resp: 714307

Ion	Ratio	Lower	Upper
228	100		
226	32.2	21.6	32.4
229	20.6	15.8	23.6

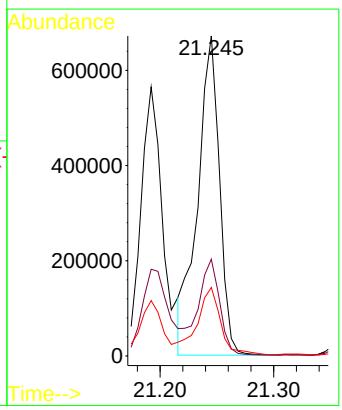




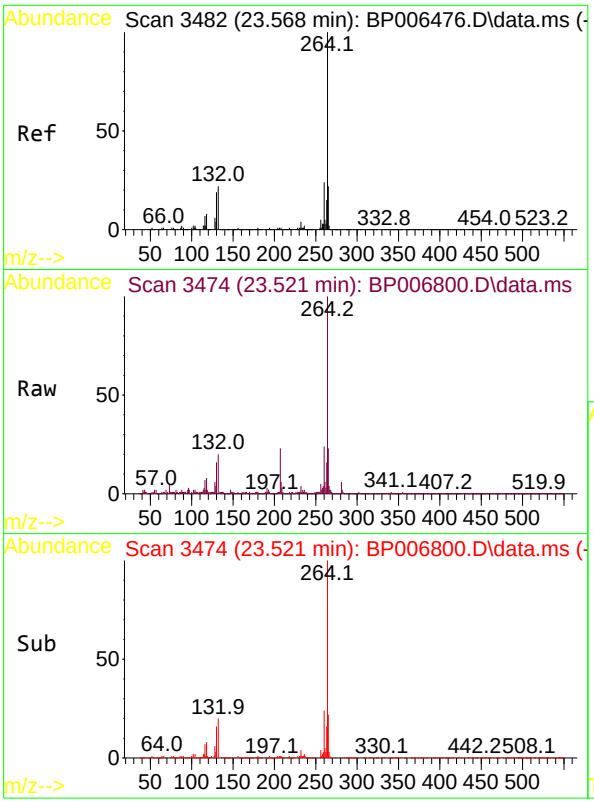
#83
Chrysene
Concen: 17.014 ng
RT: 21.245 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:228 Resp: 900146

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	21.4	15.4	23.2



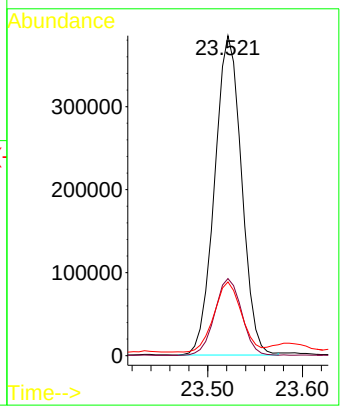
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

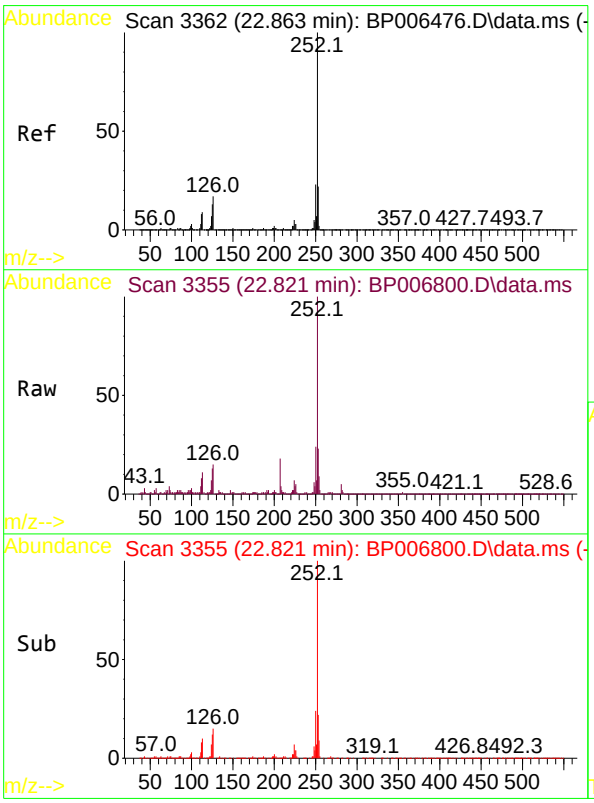


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:264 Resp: 761328

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	23.1	17.6	26.4

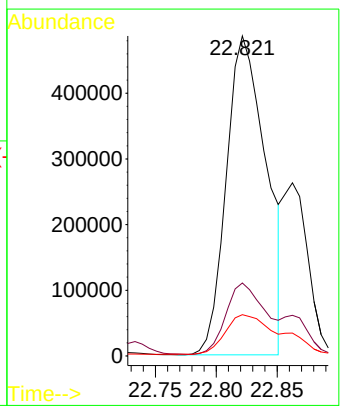




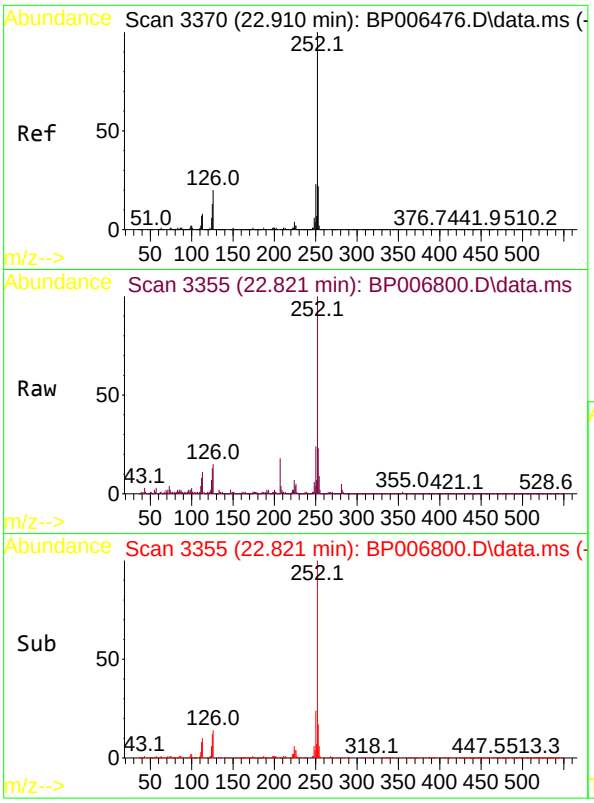
#88
Benzo(b)fluoranthene
Concen: 22.312 ng
RT: 22.821 min Scan# 3355
Delta R.T. 0.006 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:252 Resp: 1103997

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.9	6.2	9.4#



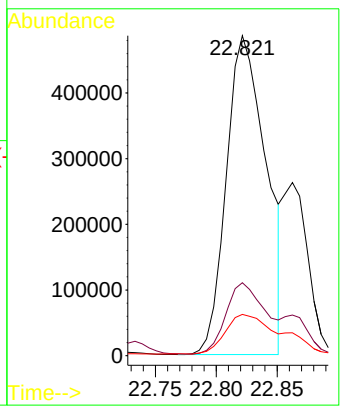
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

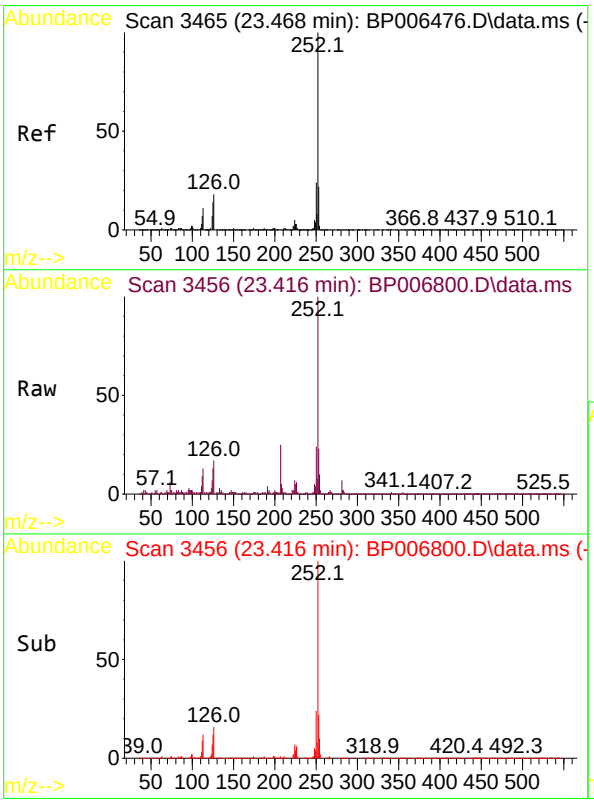


#89
Benzo(k)fluoranthene
Concen: 23.239 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.041 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:252 Resp: 1103997

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	12.9	6.0	9.0#

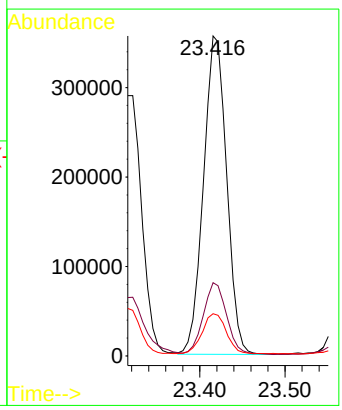




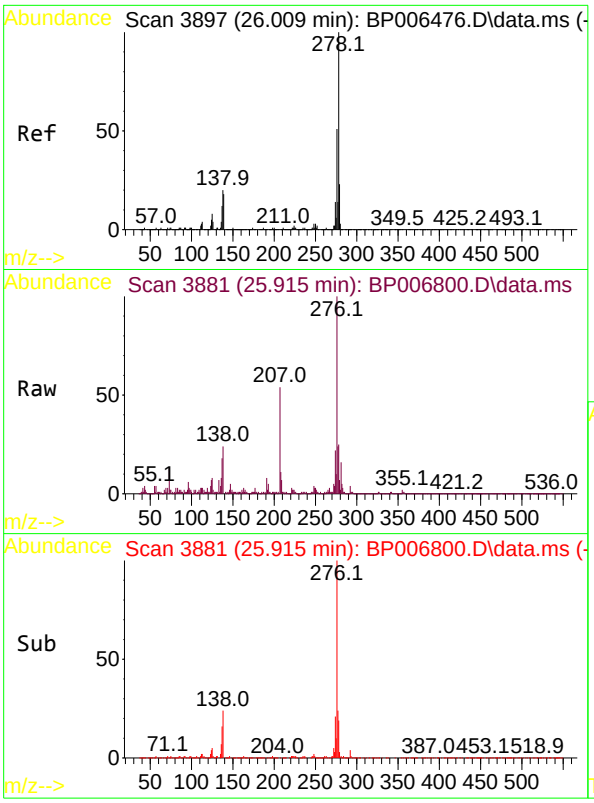
#90
Benzo(a)pyrene
Concen: 15.155 ng
RT: 23.416 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:252 Resp: 672581

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	13.2	6.5	9.7#



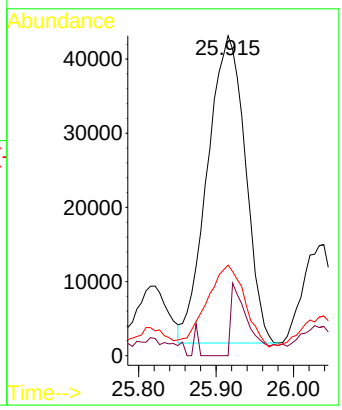
Instrument :
BNA_P
ClientSampleId :
SWCS-05-0205

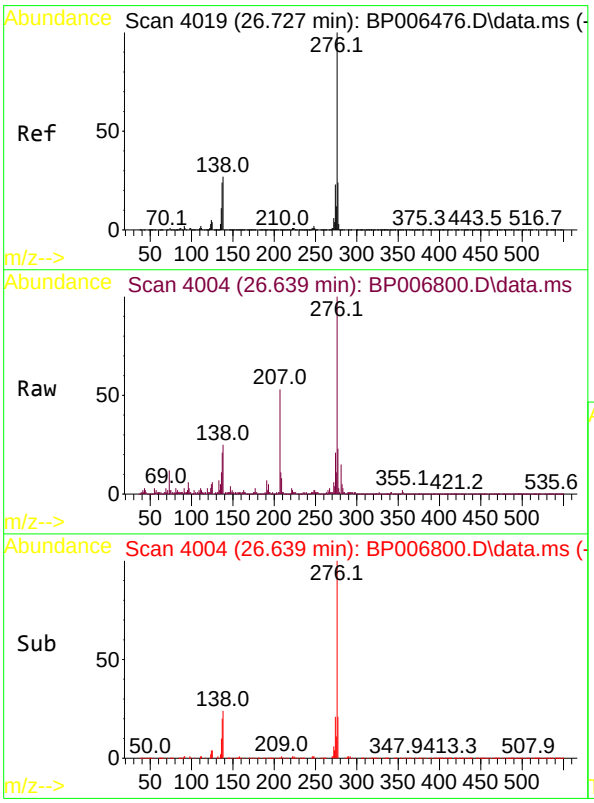


#91
Dibenzo(a,h)anthracene
Concen: 2.958 ng
RT: 25.915 min Scan# 3881
Delta R.T. -0.012 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:278 Resp: 141193

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.3	13.9#
279	28.3	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 12.130 ng
RT: 26.639 min Scan# 4004
Delta R.T. 0.000 min
Lab File: BP006800.D
Acq: 20 Aug 2021 14:58

Tgt Ion:276 Resp: 554790

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	25.0	12.6	18.8#