Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006798.D
Acq On : 20 Aug 2021 13:50
Operator : CG/JU
Sample : M3397-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-07-0510

Quant Time: Aug 20 14:29:16 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	252929	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	1088164	20.000	ng	#	0.00
39) Acenaphthene-d10	14.334	164	612232	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	1150971	20.000	ng	#	0.00
76) Chrysene-d12	21.204	240	780661	20.000	ng	#	0.00
86) Perylene-d12	23.522	264	746135	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1653628	100.419	ng		0.00
7) Phenol-d6	6.881	99	2148516	91.848	ng		0.00
23) Nitrobenzene-d5	8.852	82	1506556	63.905	ng		0.00
42) 2,4,6-Tribromophenol	15.840	330	665677	104.036	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2666117	65.153	ng		0.00
79) Terphenyl-d14	19.681	244	3134524	80.456	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.057	152	146358	2.544	ng		99
71) Phenanthrene	17.140	178	552430	8.509	ng		100
75) Fluoranthene	19.122	202	1327649	18.220	ng		95
78) Pyrene	19.475	202	1118136	21.443	ng		99
81) Benzo(a)anthracene	21.186	228	491637	9.636	ng		96
83) Chrysene	21.239	228	498982	10.088	ng		97
88) Benzo(b)fluoranthene	22.816	252	662062	13.653	ng	#	94
89) Benzo(k)fluoranthene	22.816	252	662062	14.220	ng	#	94
90) Benzo(a)pyrene	23.416	252	423857	9.745	ng	#	94
92) Benzo(g,h,i)perylene	26.627	276	338724	7.556	ng	#	90

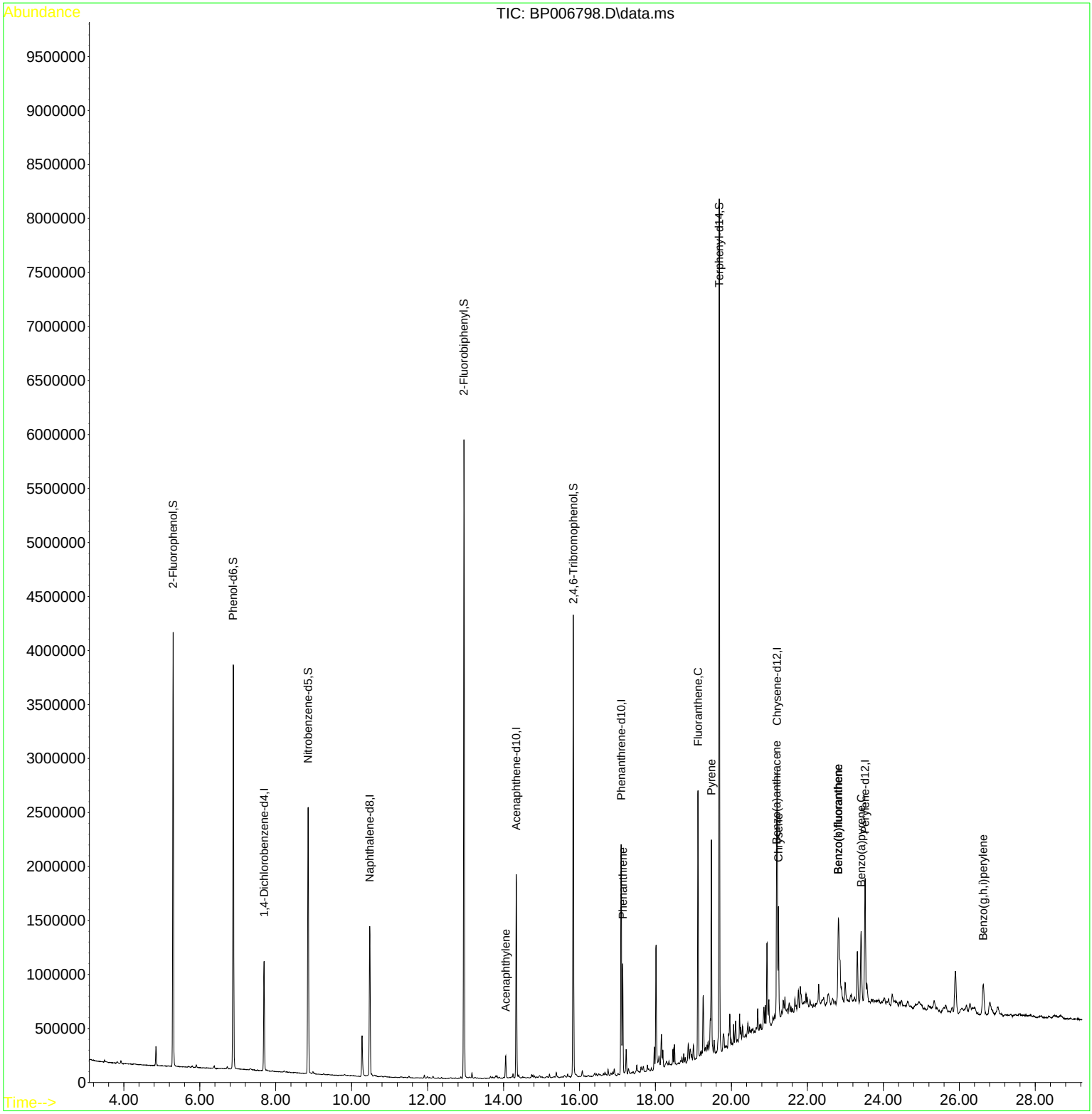
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

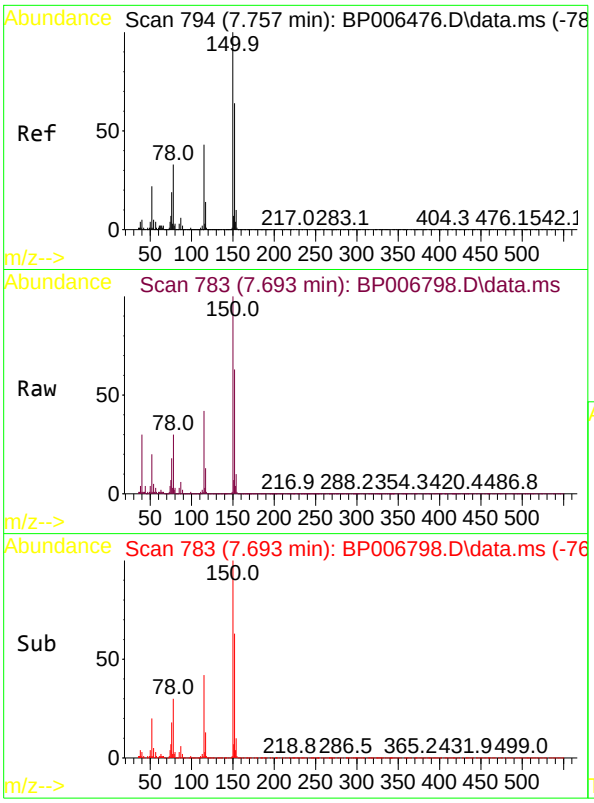
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006798.D
Acq On : 20 Aug 2021 13:50
Operator : CG/JU
Sample : M3397-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

Quant Time: Aug 20 14:29:16 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



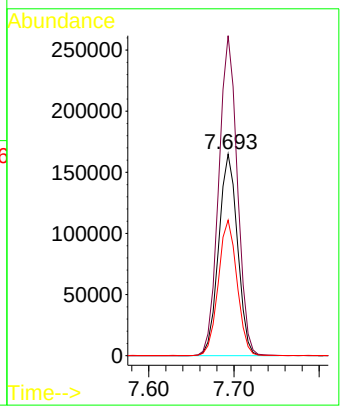
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

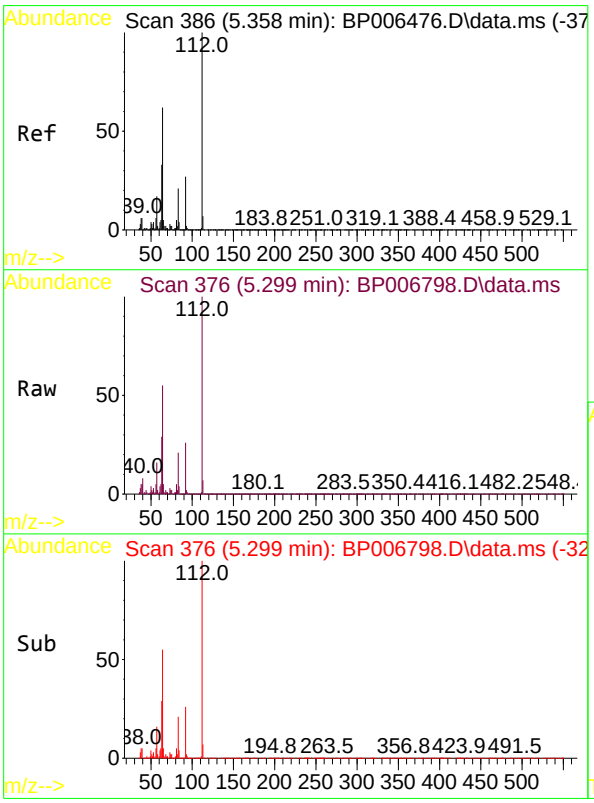


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:152 Resp: 252929

Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.6	188.4
115	67.2	48.5	72.7

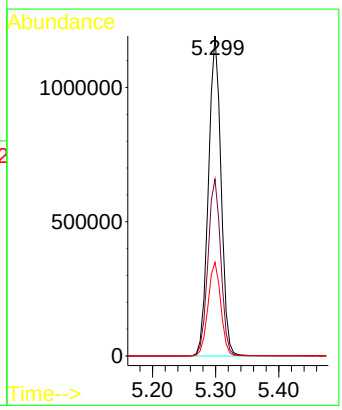




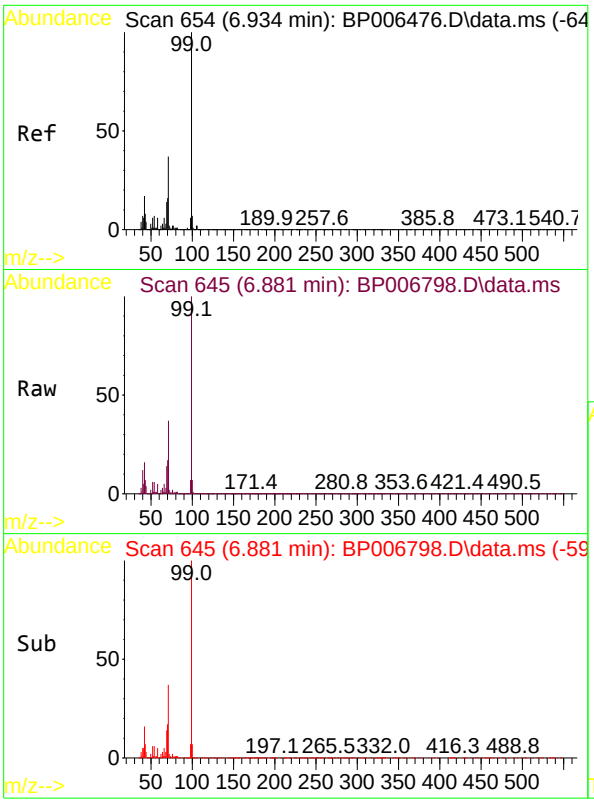
#5
2-Fluorophenol
Concen: 100.419 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:112 Resp: 1653628

Ion	Ratio	Lower	Upper
112	100		
64	55.3	41.4	62.2
63	29.3	23.8	35.8



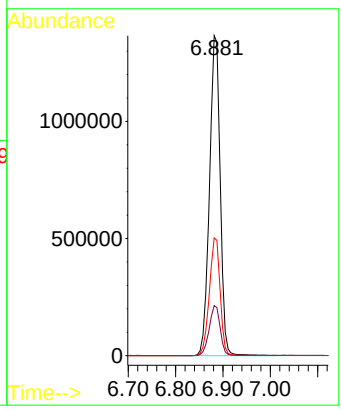
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

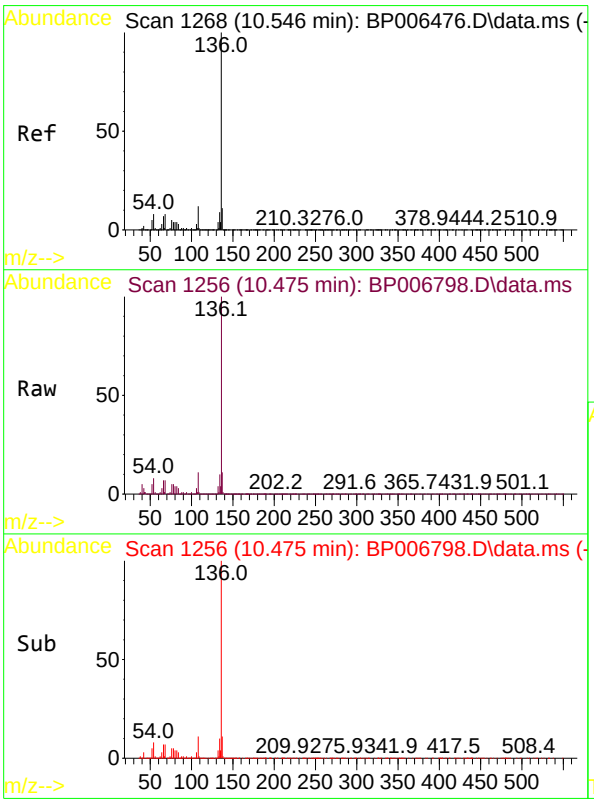


#7
Phenol-d6
Concen: 91.848 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion: 99 Resp: 2148516

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.0
71	36.8	30.6	46.0

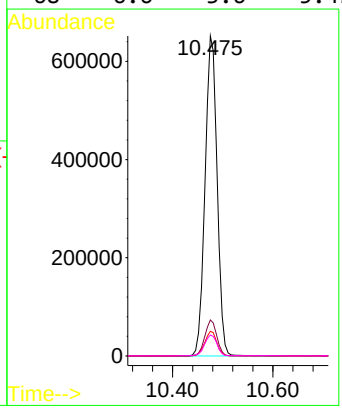




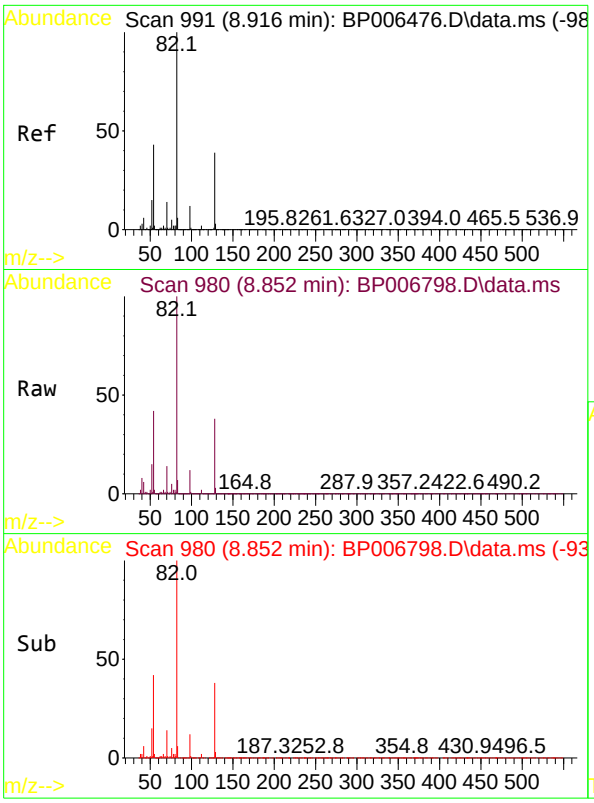
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:136 Resp: 1088164

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	7.7	4.6	6.8#
68	6.6	3.6	5.4#



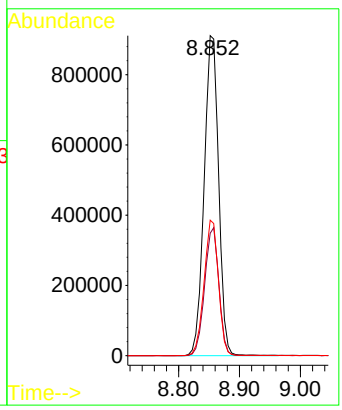
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

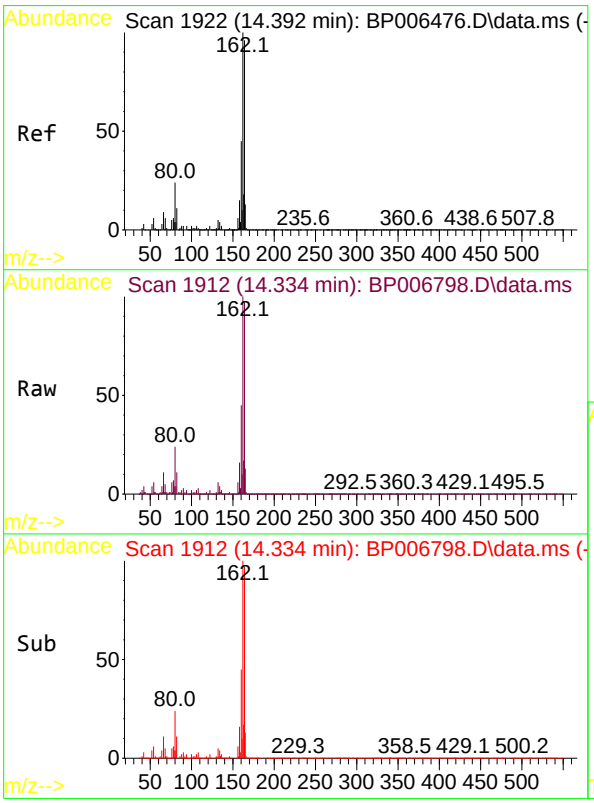


#23
Nitrobenzene-d5
Concen: 63.905 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion: 82 Resp: 1506556

Ion	Ratio	Lower	Upper
82	100		
128	38.3	35.7	53.5
54	42.4	35.0	52.4

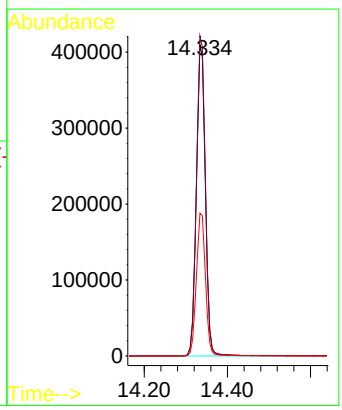




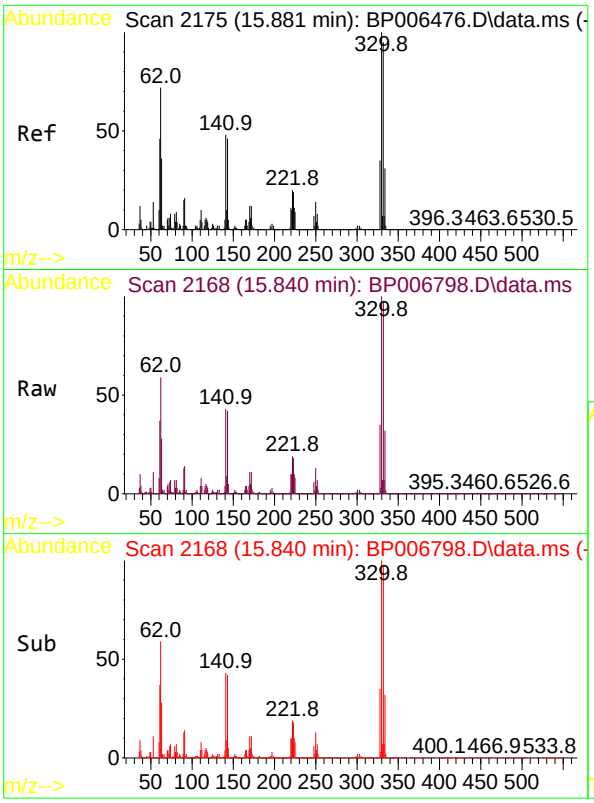
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:164 Resp: 612232

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	45.9	34.5	51.7



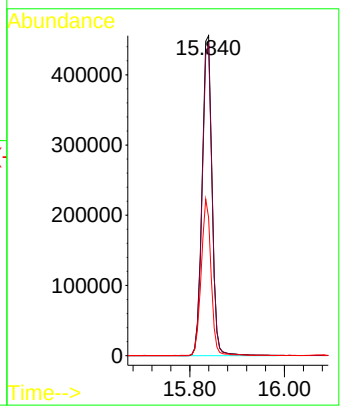
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

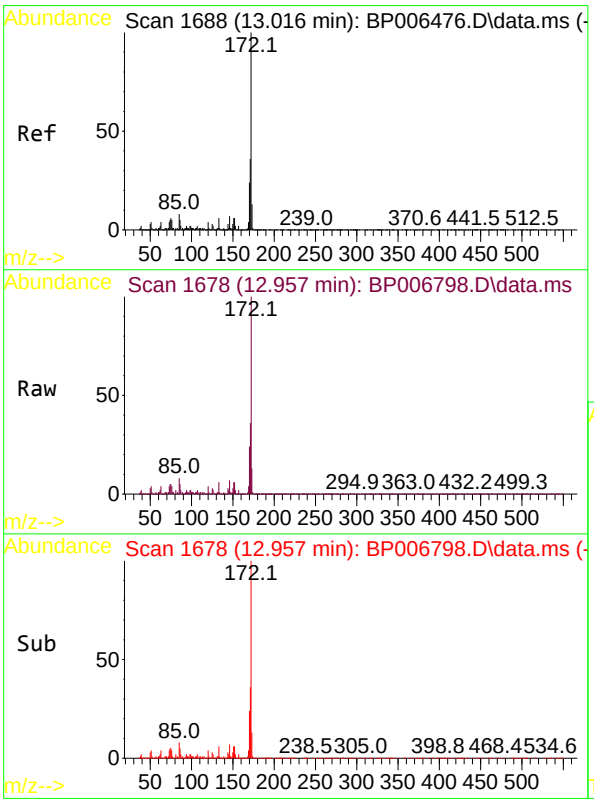


#42
2,4,6-Tribromophenol
Concen: 104.036 ng
RT: 15.840 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:330 Resp: 665677

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.8
141	48.4	25.4	38.2#

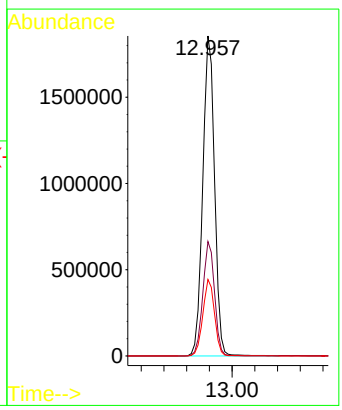




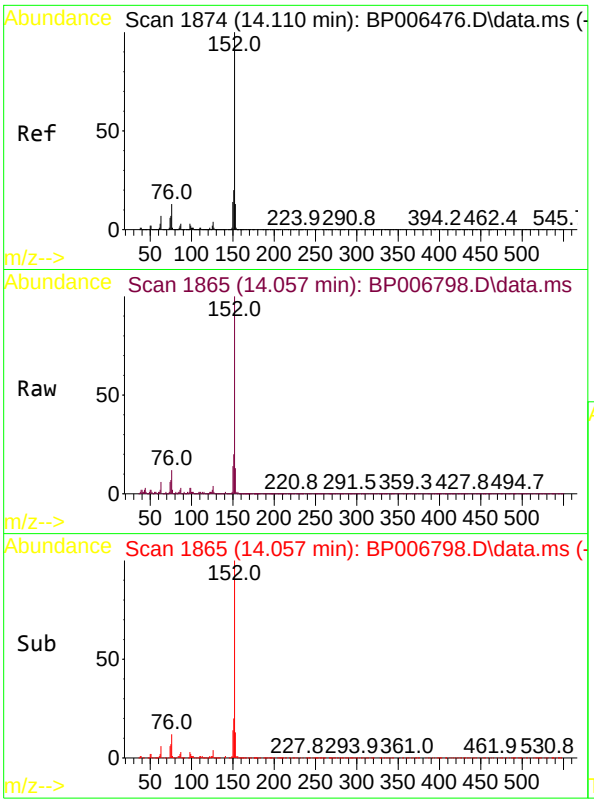
#45
2-Fluorobiphenyl
Concen: 65.153 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:172 Resp: 2666117

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	23.9	18.6	27.8



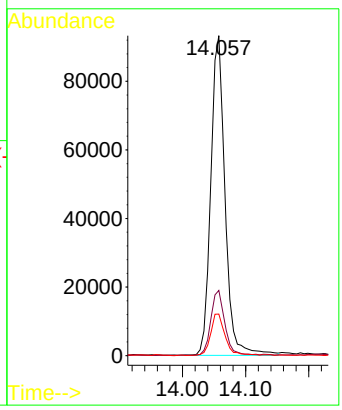
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

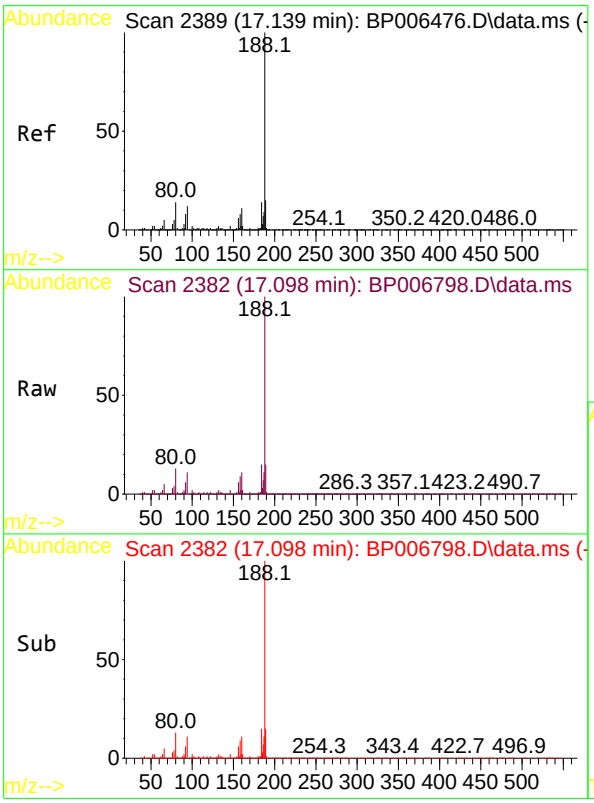


#49
Acenaphthylene
Concen: 2.544 ng
RT: 14.057 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:152 Resp: 146358

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.0	10.6	16.0

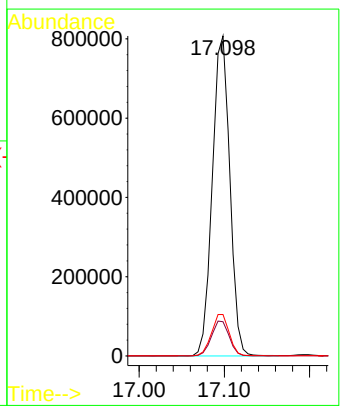




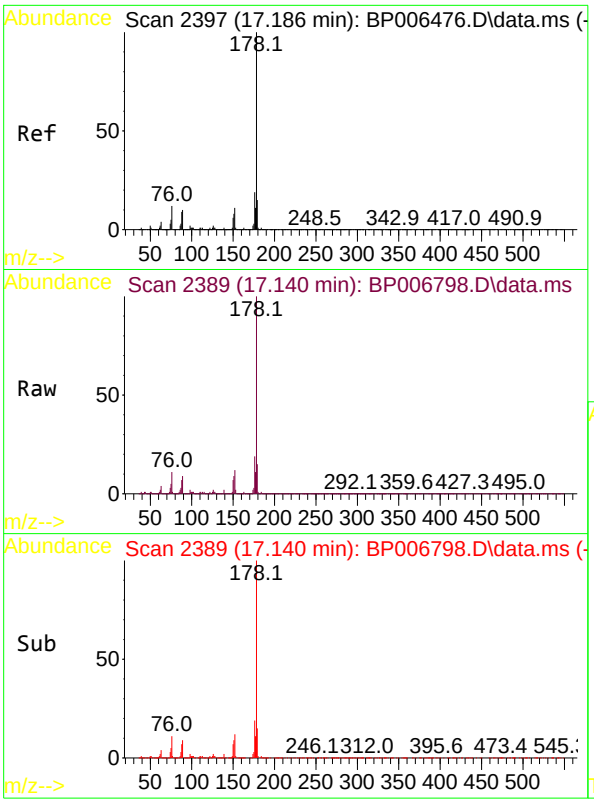
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:188 Resp: 1150971

Ion	Ratio	Lower	Upper
188	100		
94	10.7	5.6	8.4#
80	13.0	6.3	9.5#



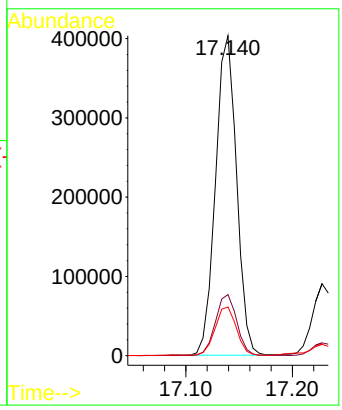
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

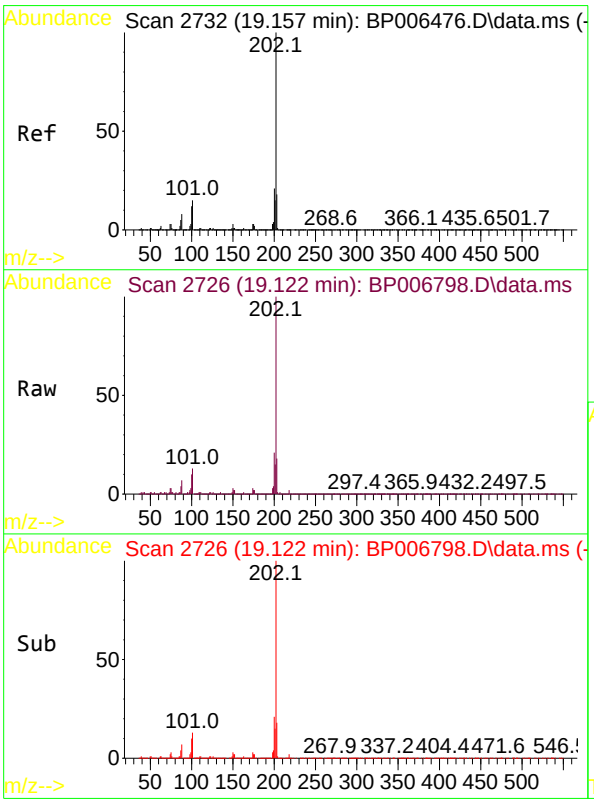


#71
Phenanthrene
Concen: 8.509 ng
RT: 17.140 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:178 Resp: 552430

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.3	12.4	18.6

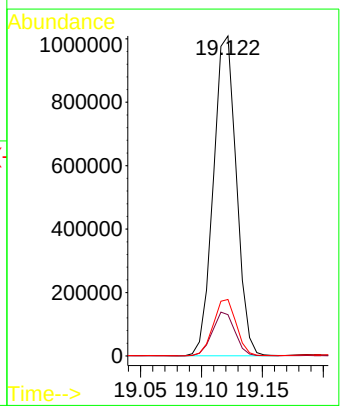




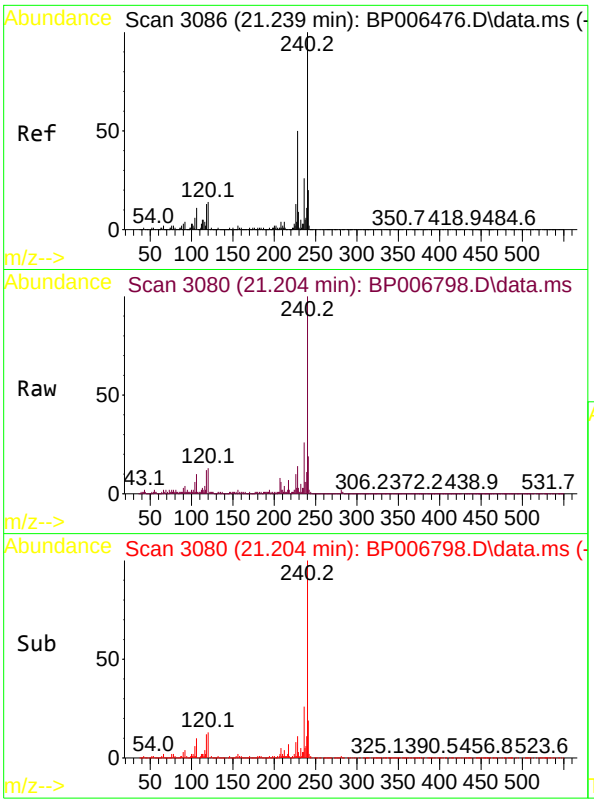
#75
Fluoranthene
Concen: 18.220 ng
RT: 19.122 min Scan# 2726
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:202 Resp: 1327649

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	27.6
203	17.6	0.0	37.8



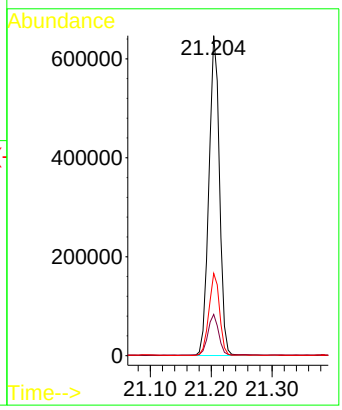
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

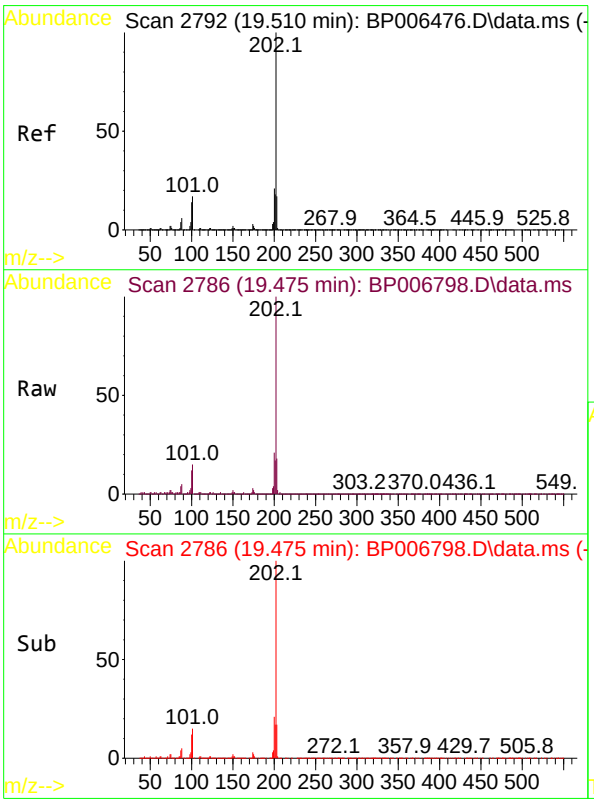


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:240 Resp: 780661

Ion	Ratio	Lower	Upper
240	100		
120	12.9	6.5	9.7#
236	25.7	20.6	31.0

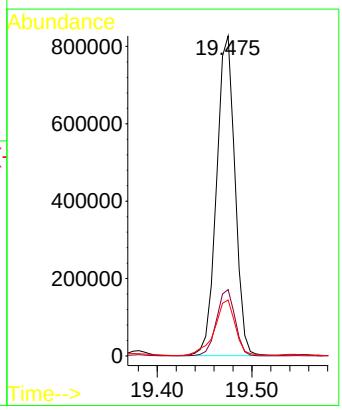




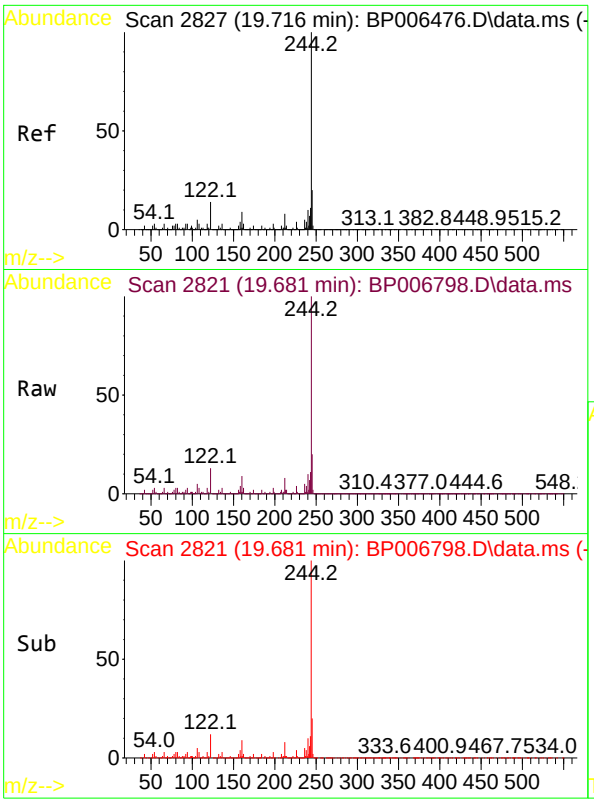
#78
Pyrene
Concen: 21.443 ng
RT: 19.475 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:202 Resp: 1118136

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.5	14.2	21.2



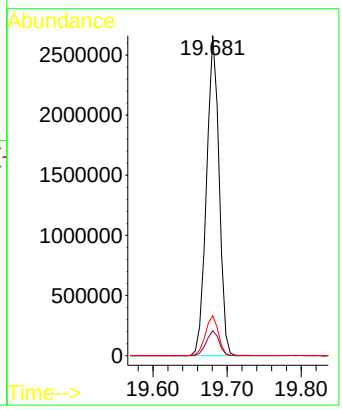
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

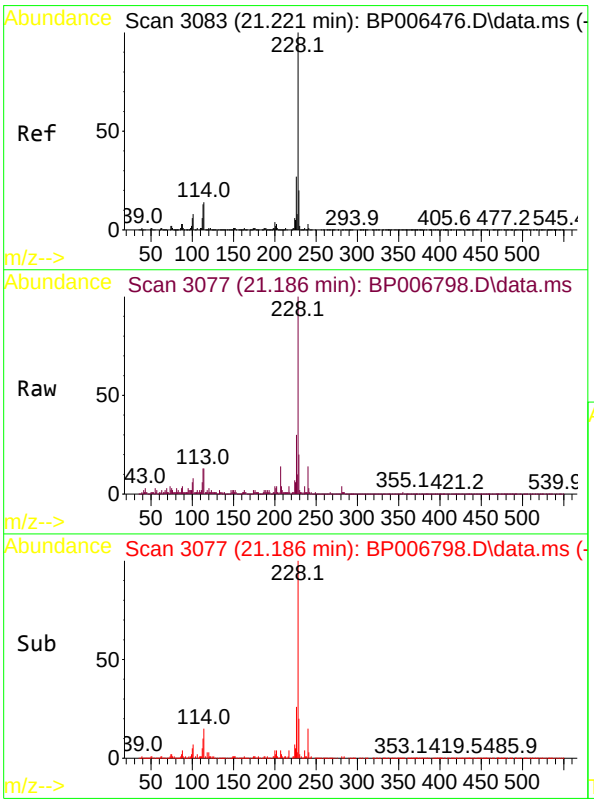


#79
Terphenyl-d14
Concen: 80.456 ng
RT: 19.681 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:244 Resp: 3134524

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	12.5	7.1	10.7#

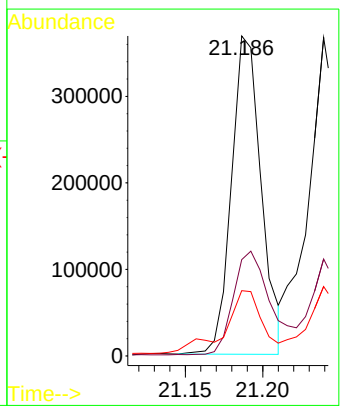




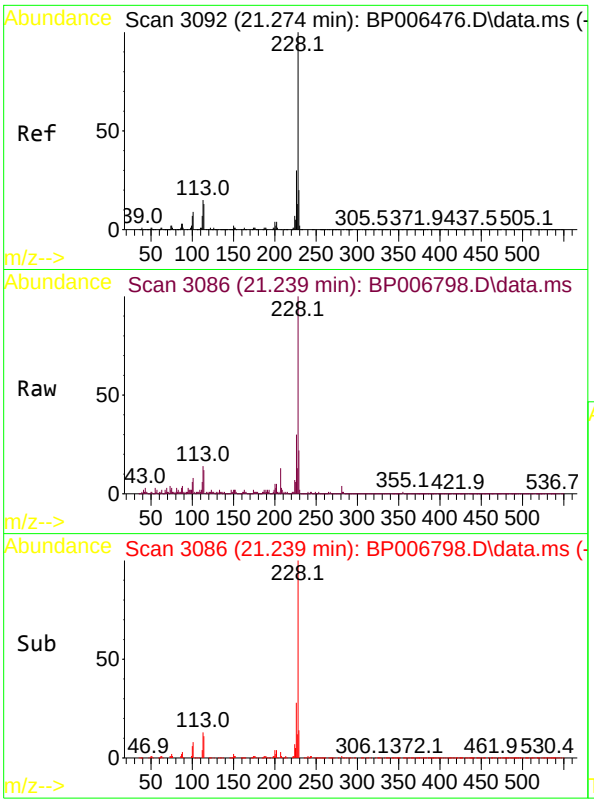
#81
Benzo(a)anthracene
Concen: 9.636 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:228 Resp: 491637

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.6	32.4
229	20.4	15.8	23.6



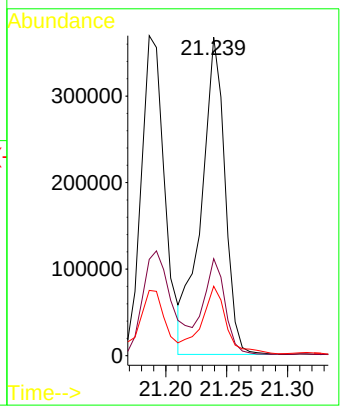
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

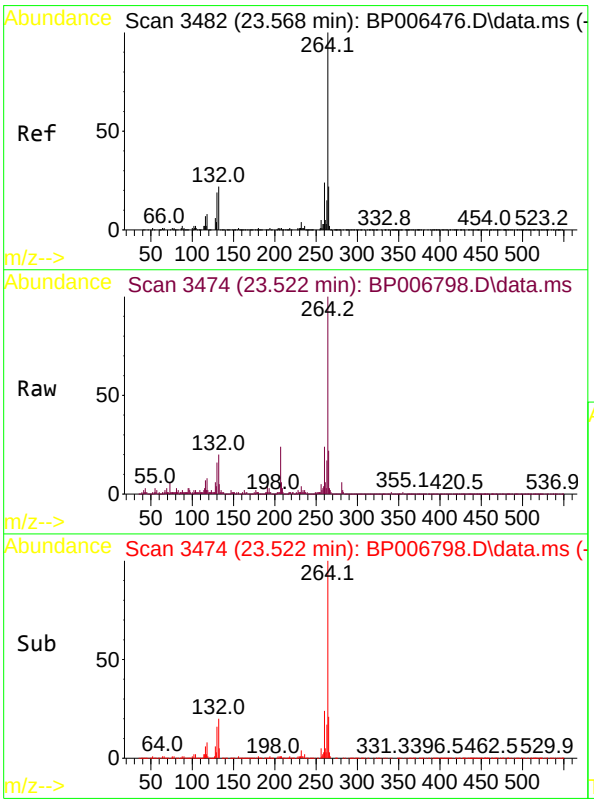


#83
Chrysene
Concen: 10.088 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:228 Resp: 498982

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	21.8	15.4	23.2

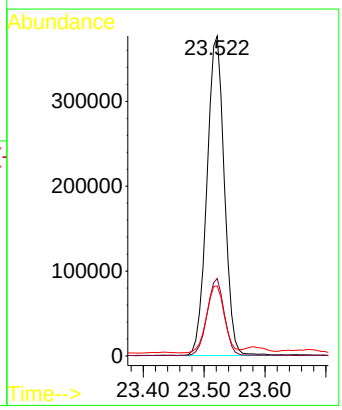




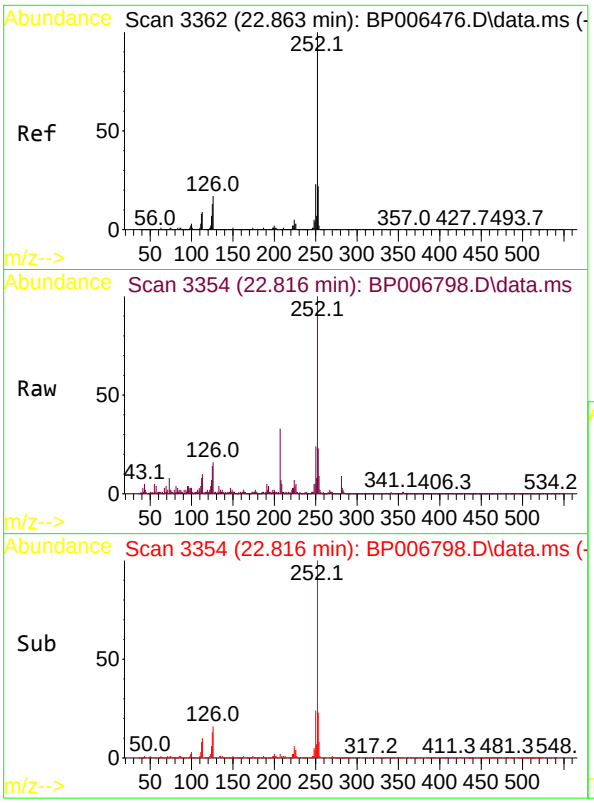
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.522 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:264 Resp: 746135

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.9	17.6	26.4



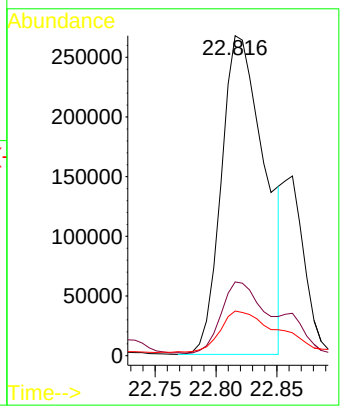
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

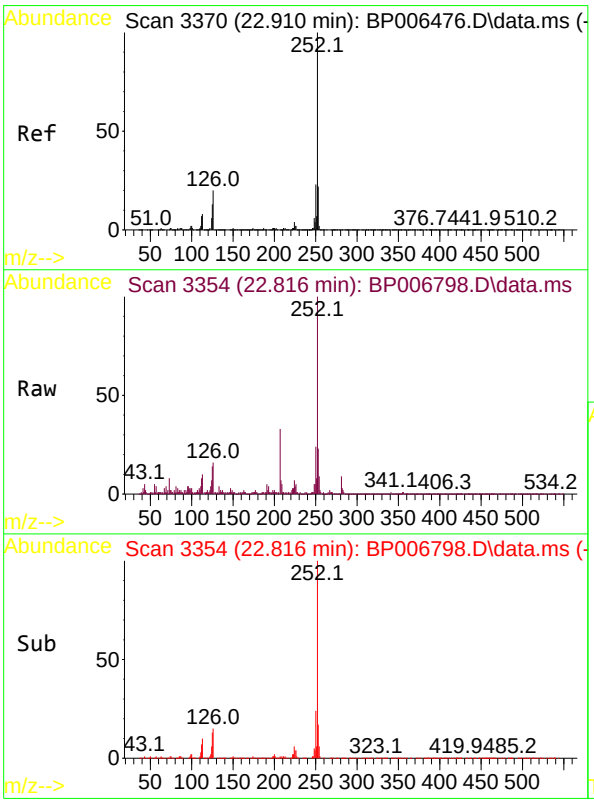


#88
Benzo(b)fluoranthene
Concen: 13.653 ng
RT: 22.816 min Scan# 3354
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:252 Resp: 662062

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.9	6.2	9.4#

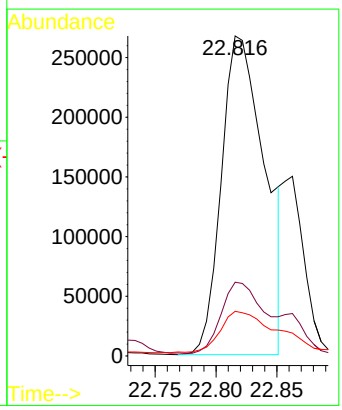




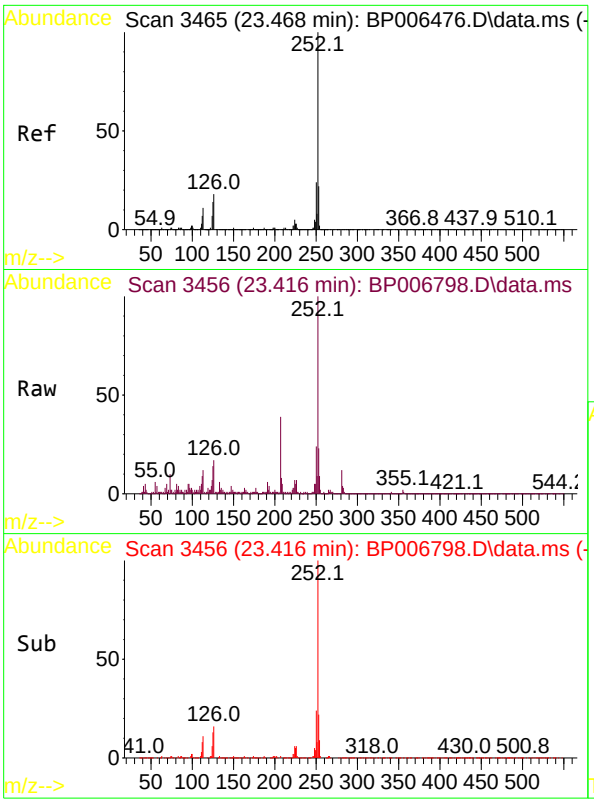
#89
Benzo(k)fluoranthene
Concen: 14.220 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.047 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:252 Resp: 662062

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	13.9	6.0	9.0#



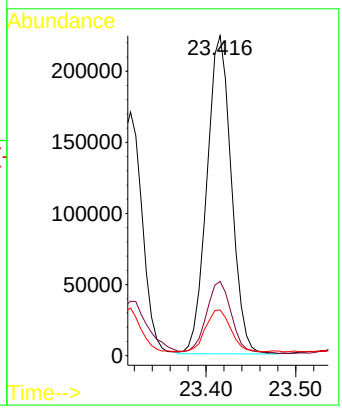
Instrument :
BNA_P
ClientSampleId :
SWCS-07-0510

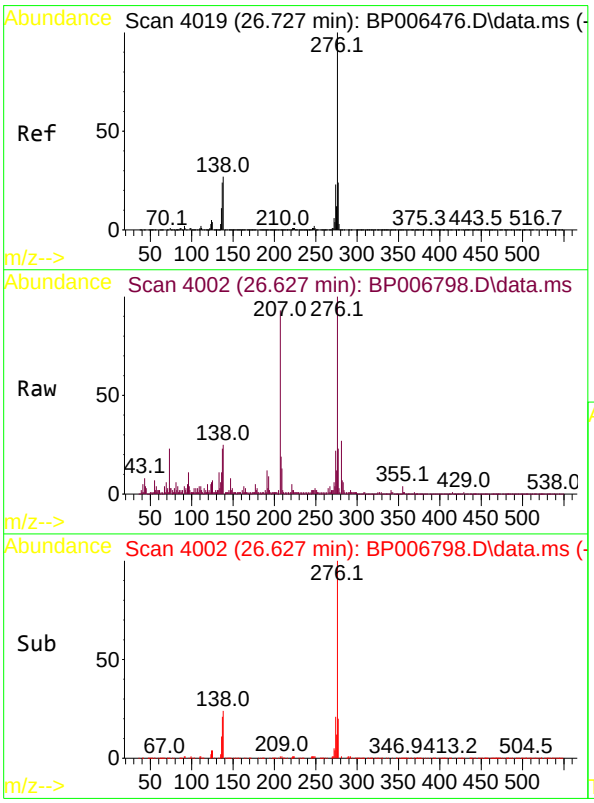


#90
Benzo(a)pyrene
Concen: 9.745 ng
RT: 23.416 min Scan# 3456
Delta R.T. 0.000 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:252 Resp: 423857

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.3	6.5	9.7#





#92
Benzo(g,h,i)perylene
Concen: 7.556 ng
RT: 26.627 min Scan# 4002
Delta R.T. -0.011 min
Lab File: BP006798.D
Acq: 20 Aug 2021 13:50

Tgt Ion:276 Resp: 338724

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	25.4	12.6	18.8#