Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006820.D
Acq On : 21 Aug 2021 02:36
Operator : CG/JU
Sample : M3434-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 21 04:01:39 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	191731	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	787911	20.000	ng	# 0.00
39) Acenaphthene-d10	14.339	164	455641	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	962695	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	941973	20.000	ng	# 0.00
86) Perylene-d12	23.515	264	1015078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1221905	97.886	ng	0.00
7) Phenol-d6	6.887	99	1500562	84.623	ng	0.00
23) Nitrobenzene-d5	8.851	82	1016331	59.539	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	537254	112.822	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1797893	59.035	ng	0.00
79) Terphenyl-d14	19.680	244	2758684	58.683	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.057	152	100047	2.336	ng	99
71) Phenanthrene	17.139	178	172455	3.176	ng	99
72) Anthracene	17.227	178	120837	2.303	ng	99
75) Fluoranthene	19.121	202	454662	7.460	ng	96
78) Pyrene	19.468	202	593251	9.429	ng	99
81) Benzo(a)anthracene	21.239	228	353217	5.738	ng	94
83) Chrysene	21.239	228	353217	5.918	ng	97
88) Benzo(b)fluoranthene	22.821	252	547457	8.298	ng	# 91
89) Benzo(k)fluoranthene	22.821	252	547457	8.643	ng	# 91
90) Benzo(a)pyrene	23.415	252	318523	5.383	ng	# 92
92) Benzo(g,h,i)perylene	26.633	276	231409	3.795	ng	# 89

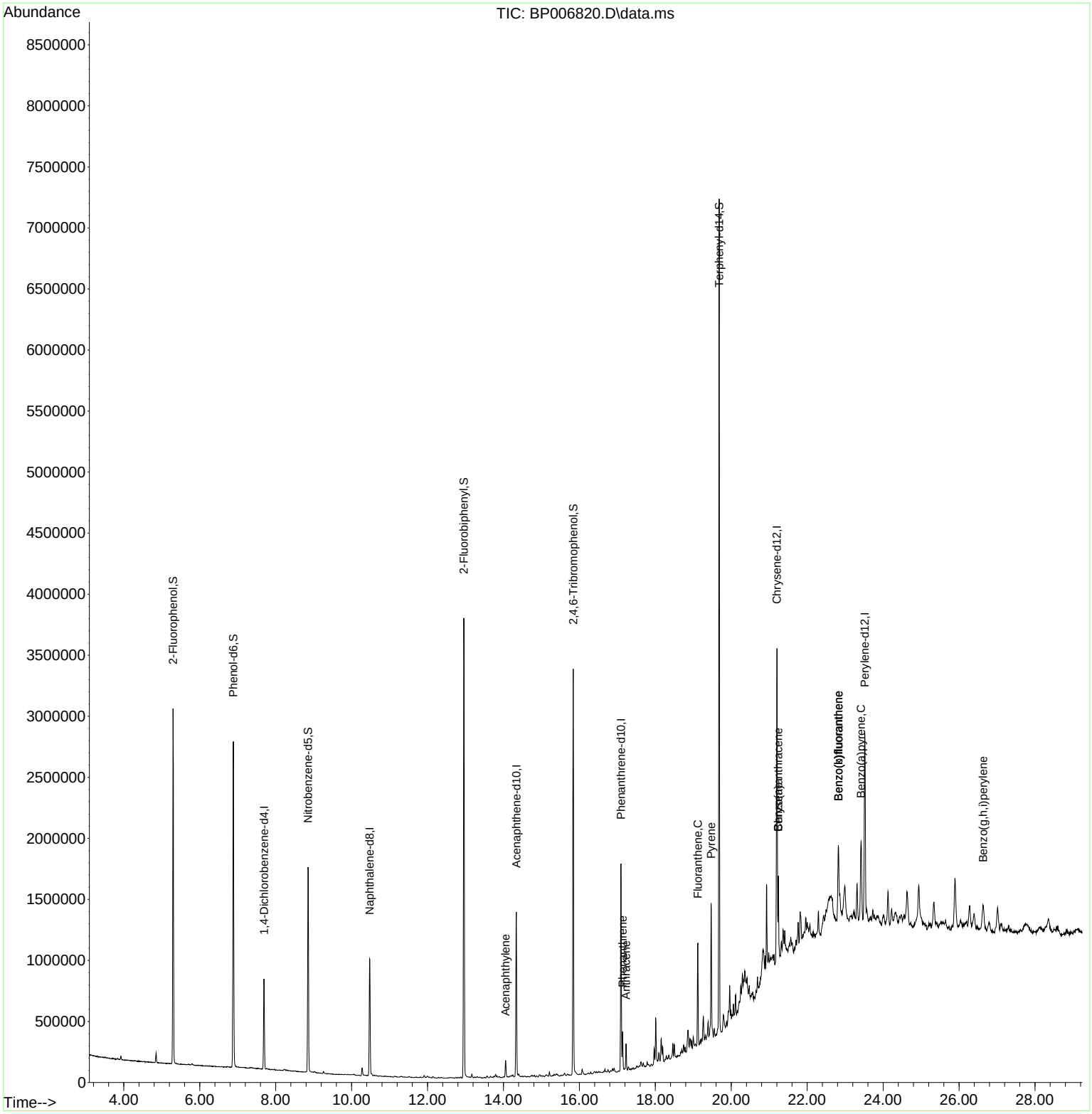
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

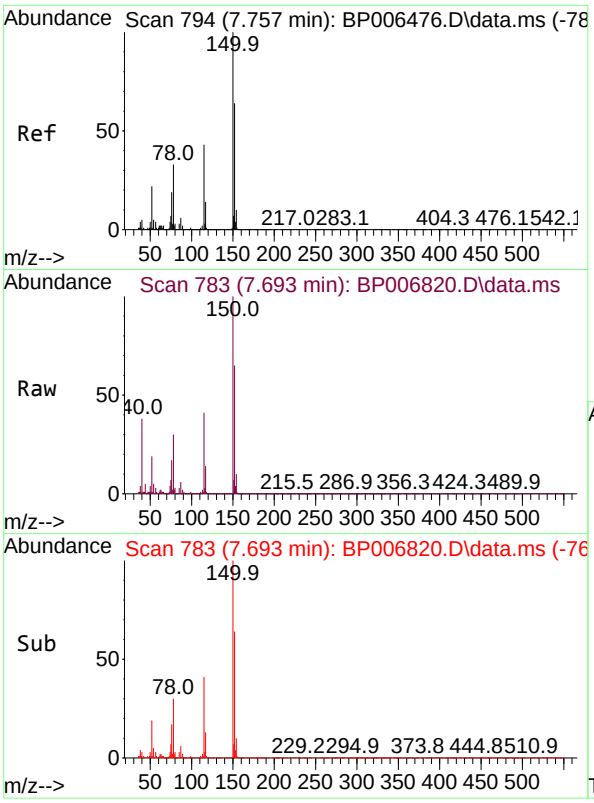
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006820.D
Acq On : 21 Aug 2021 02:36
Operator : CG/JU
Sample : M3434-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 21 04:01:39 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



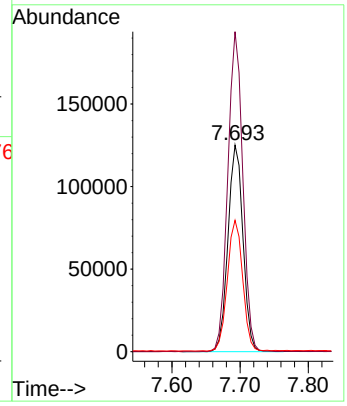
Instrument :
BNA_P
ClientSampleId :

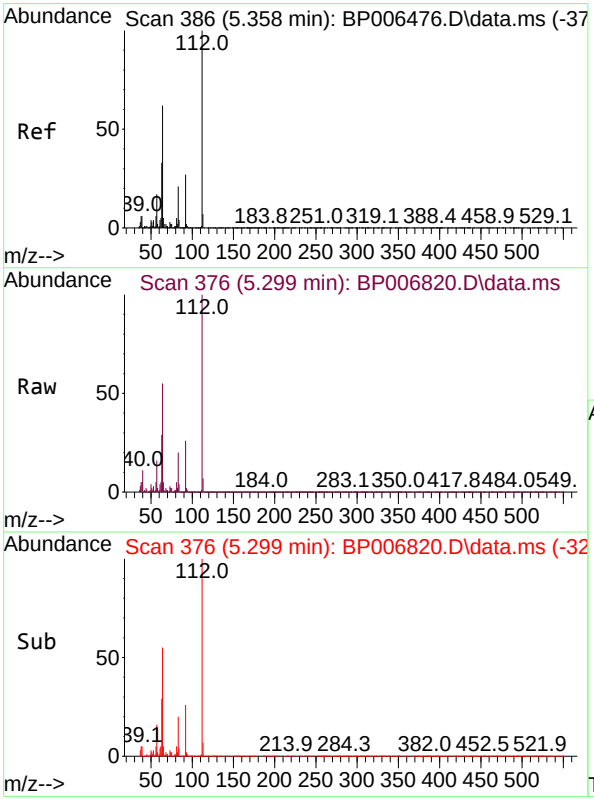


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:152 Resp: 191731

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.6	188.4
115	63.6	48.5	72.7

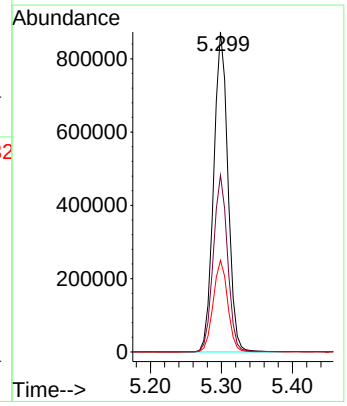




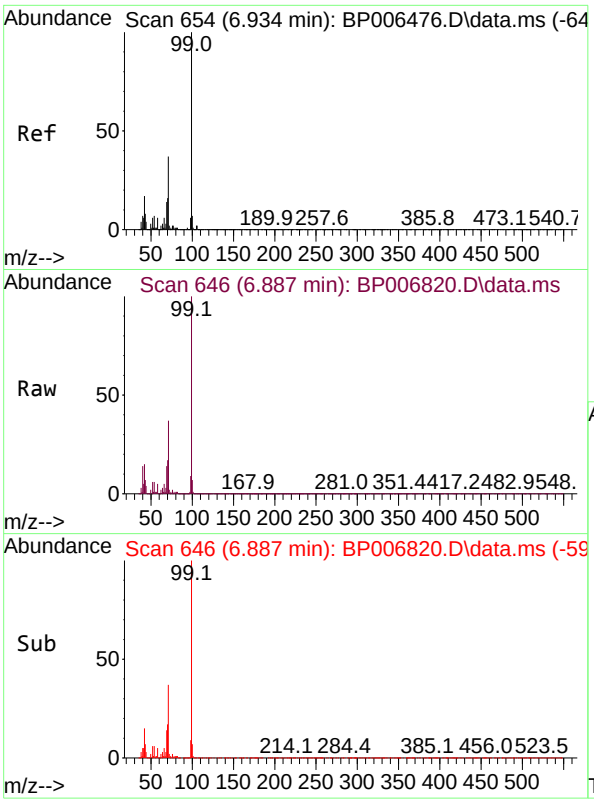
#5
2-Fluorophenol
Concen: 97.886 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:112 Resp: 1221905

Ion	Ratio	Lower	Upper
112	100		
64	55.2	41.4	62.2
63	28.6	23.8	35.8



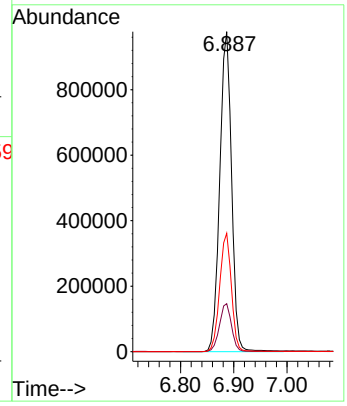
Instrument :
BNA_P
ClientSampleId :

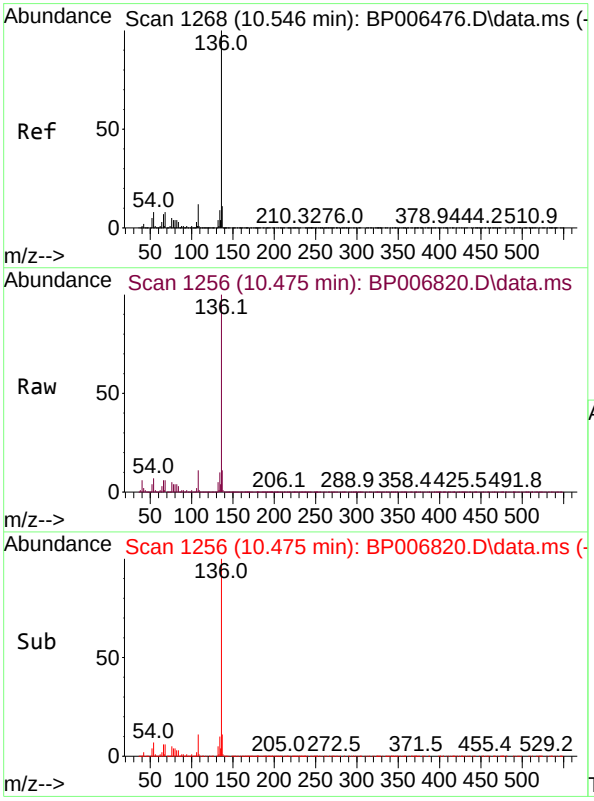


#7
Phenol-d6
Concen: 84.623 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion: 99 Resp: 1500562

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.4	20.0
71	37.0	30.6	46.0

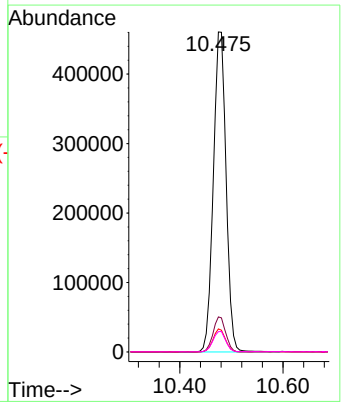




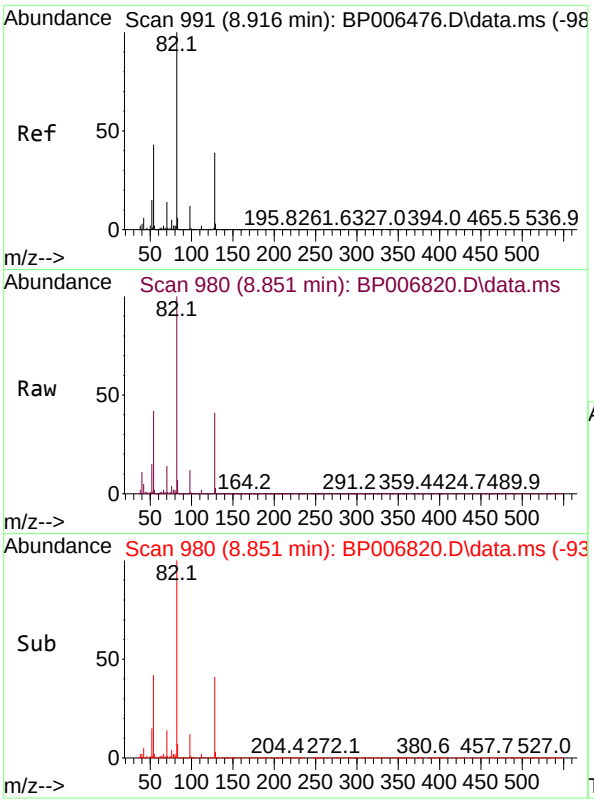
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:136 Resp: 787911

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.2	4.6	6.8#
68	6.4	3.6	5.4#



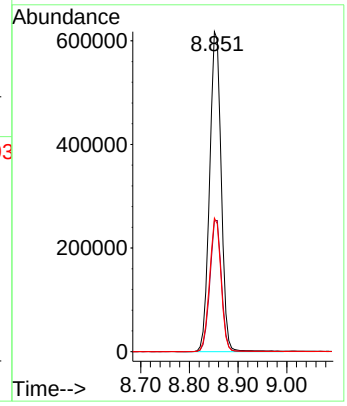
Instrument :
BNA_P
ClientSampleId :

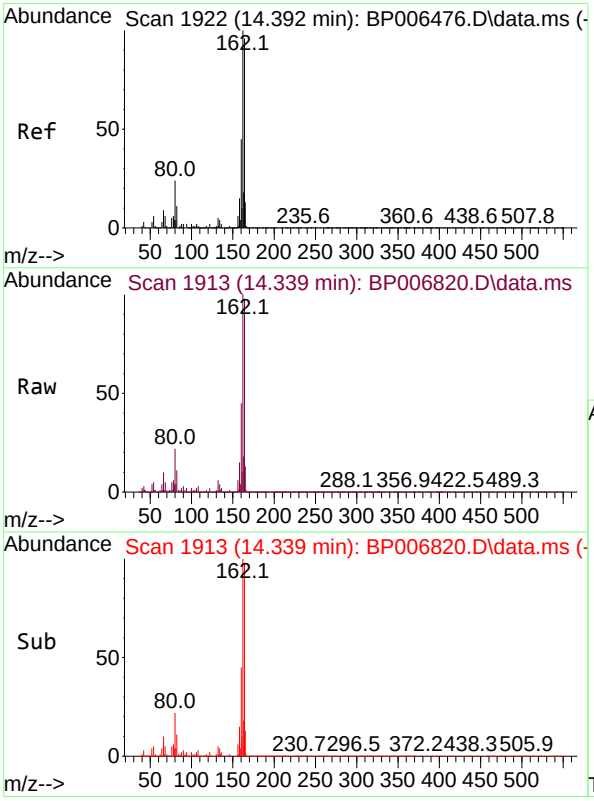


#23
Nitrobenzene-d5
Concen: 59.539 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion: 82 Resp: 1016331

Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.7	53.5
54	41.7	35.0	52.4

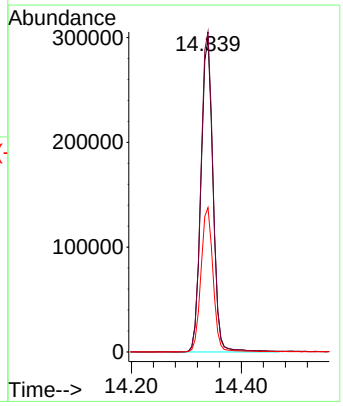




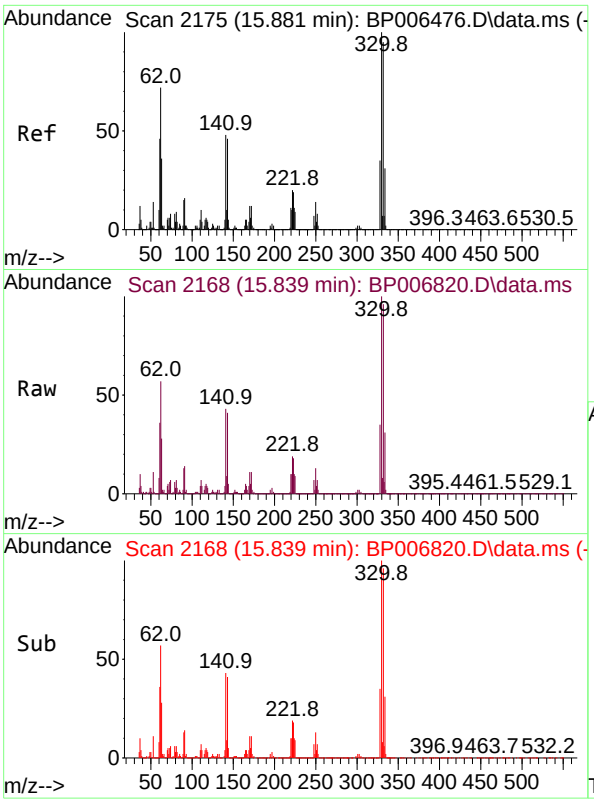
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:164 Resp: 455641

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	46.1	34.5	51.7



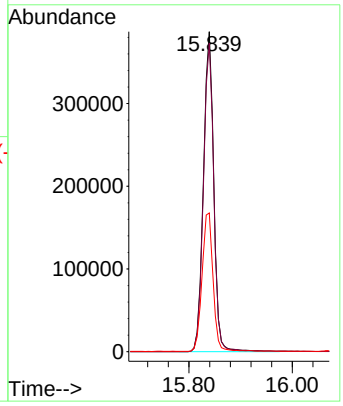
Instrument :
BNA_P
ClientSampleId :

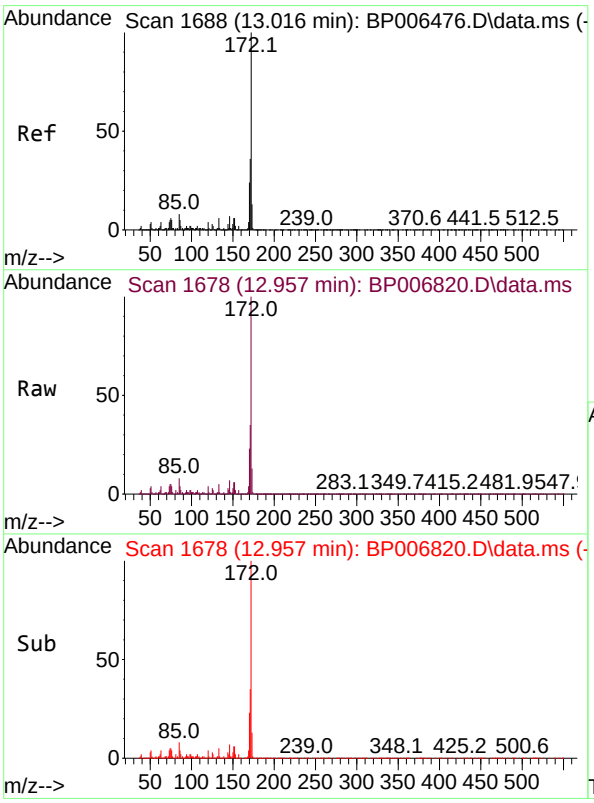


#42
2,4,6-Tribromophenol
Concen: 112.822 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:330 Resp: 537254

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.8	116.8
141	45.9	25.4	38.2#

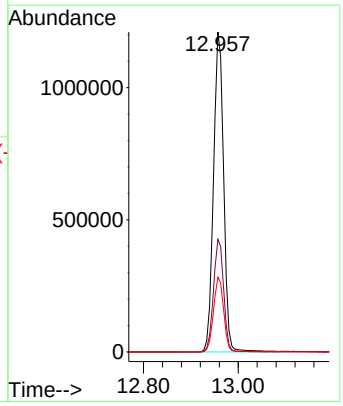




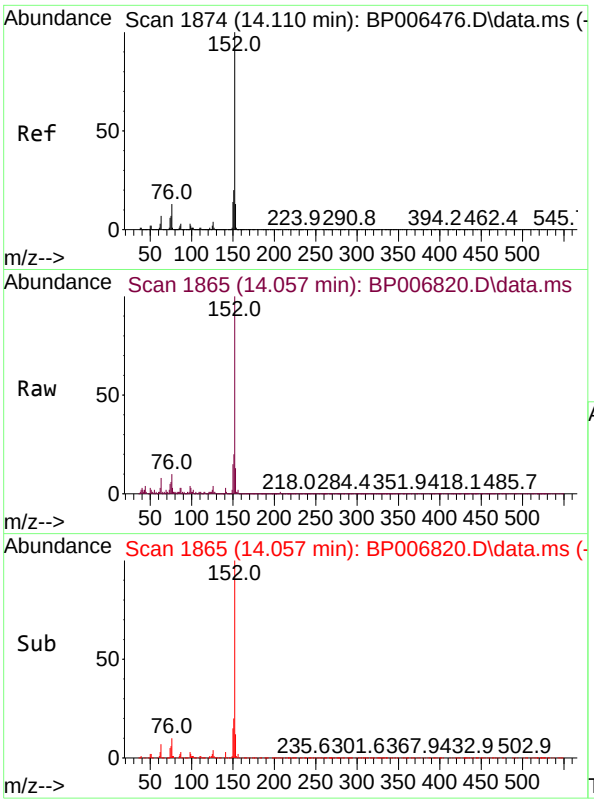
#45
2-Fluorobiphenyl
Concen: 59.035 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:172 Resp: 1797893

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.3	18.6	27.8



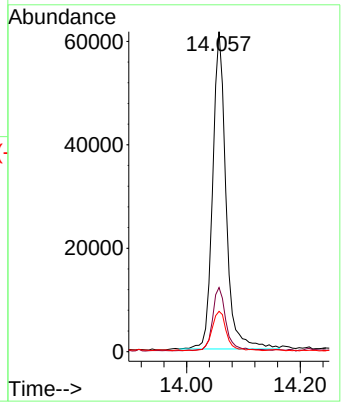
Instrument :
BNA_P
ClientSampleId :

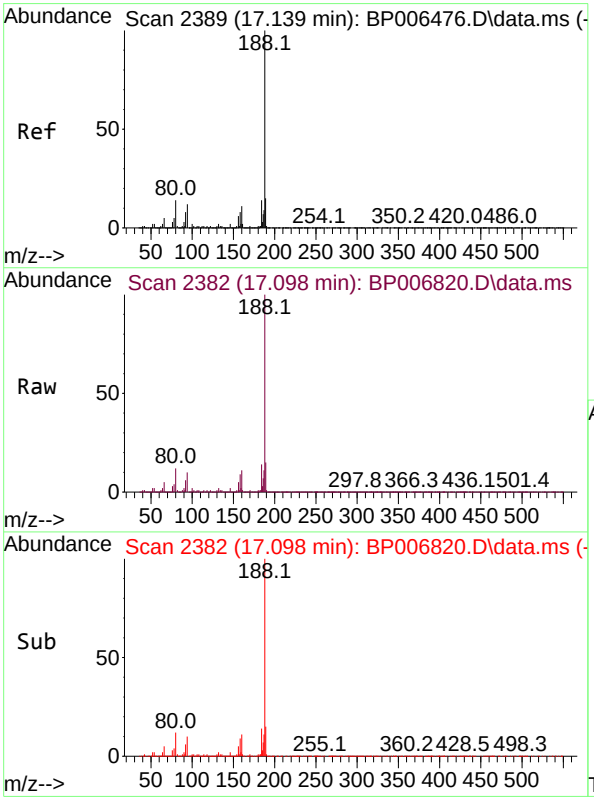


#49
Acenaphthylene
Concen: 2.336 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:152 Resp: 100047

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	12.6	10.6	16.0

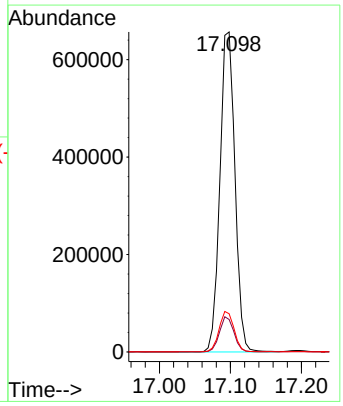




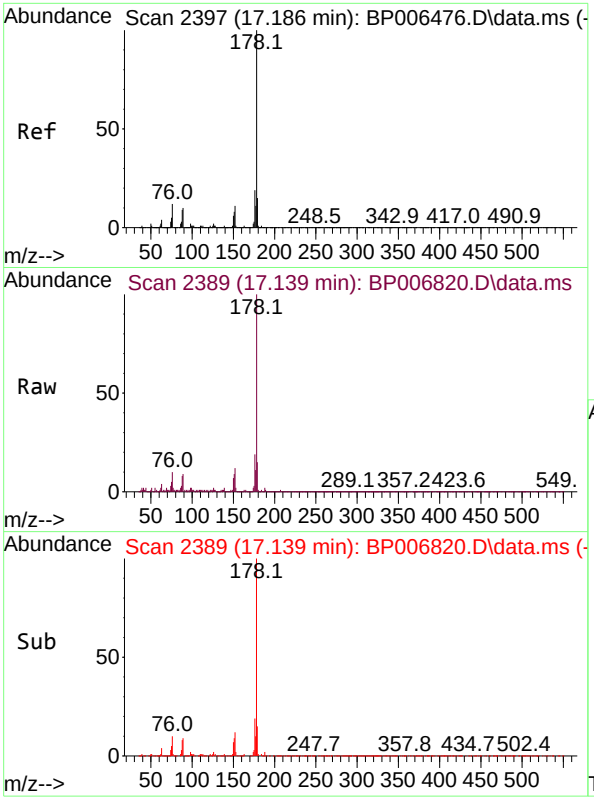
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:188 Resp: 962695

Ion	Ratio	Lower	Upper
188	100		
94	10.1	5.6	8.4#
80	11.9	6.3	9.5#



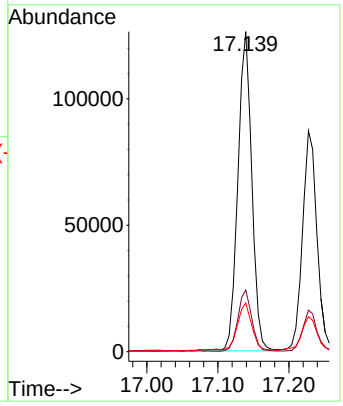
Instrument :
BNA_P
ClientSampleId :

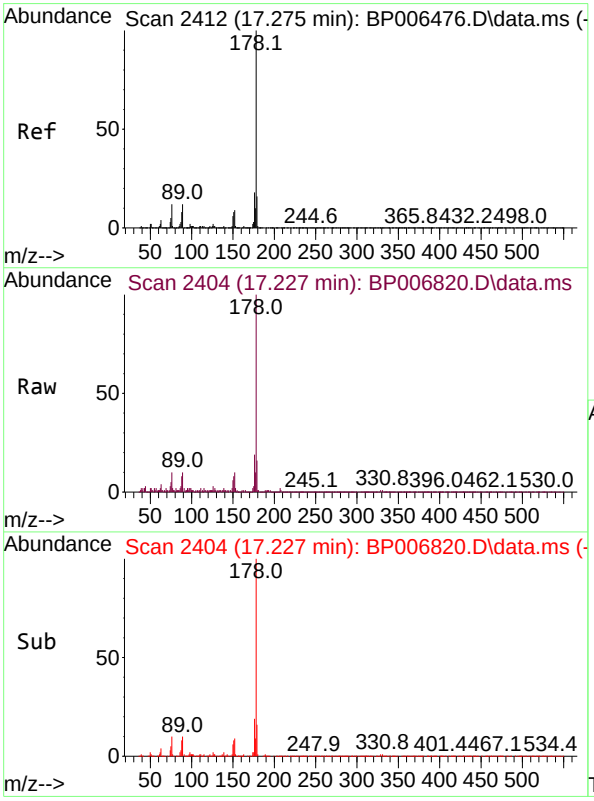


#71
Phenanthrene
Concen: 3.176 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:178 Resp: 172455

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.2	12.4	18.6

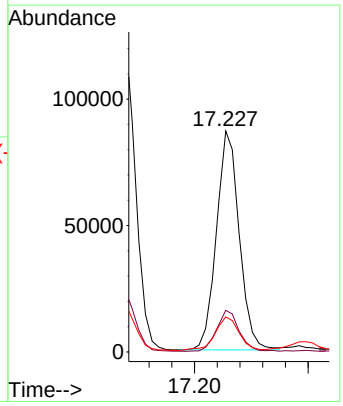




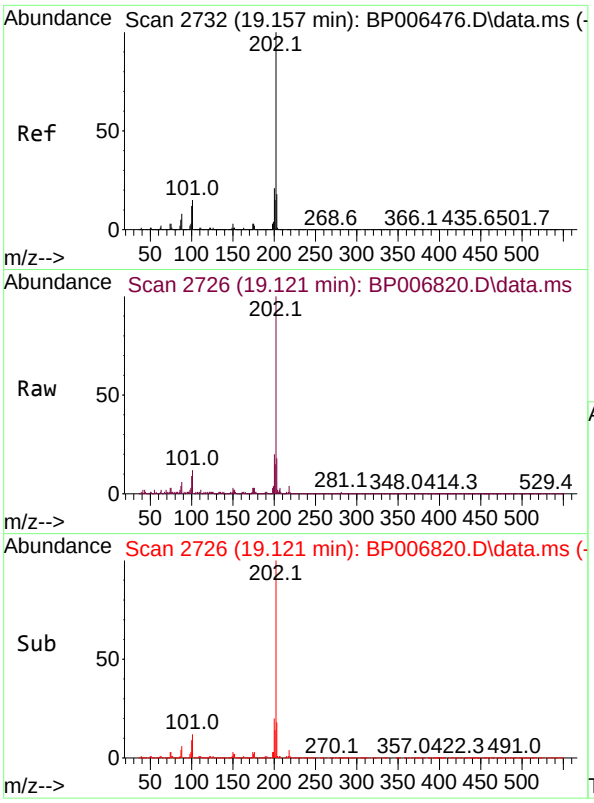
#72
Anthracene
Concen: 2.303 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:178 Resp: 120837

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.9	12.2	18.2



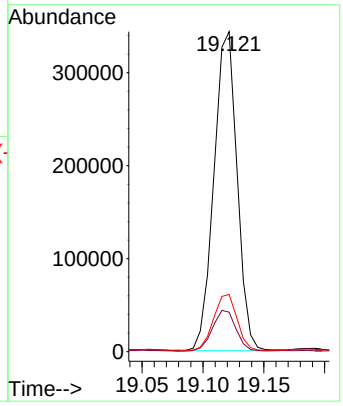
Instrument :
BNA_P
ClientSampleId :

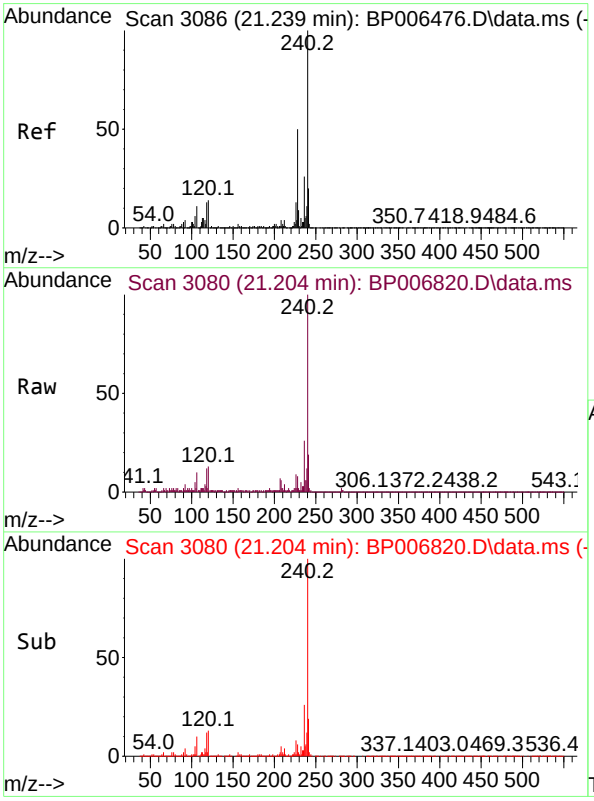


#75
Fluoranthene
Concen: 7.460 ng
RT: 19.121 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:202 Resp: 454662

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	27.6
203	17.9	0.0	37.8

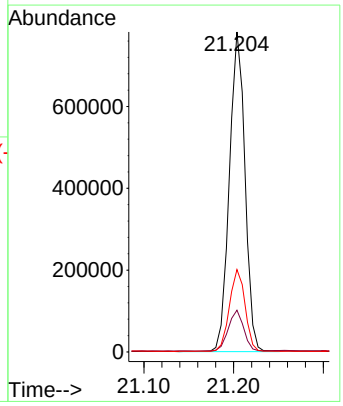




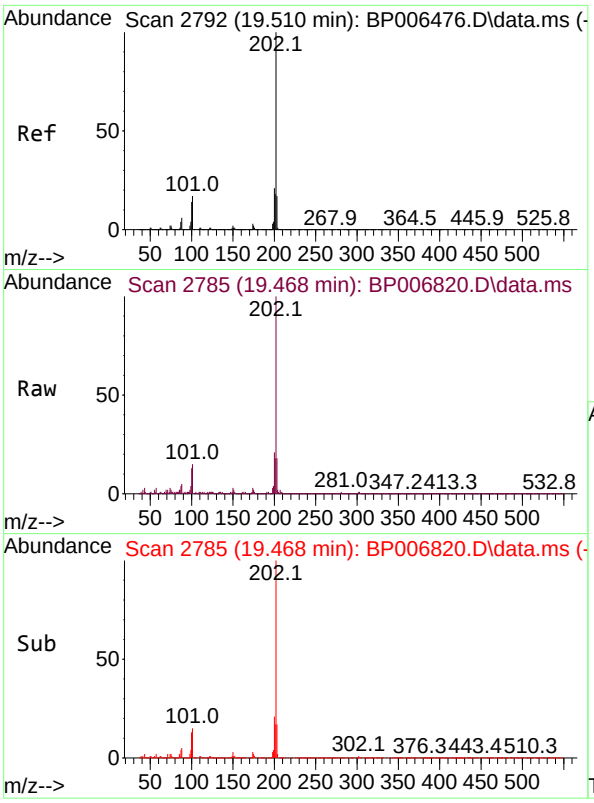
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:240 Resp: 941973

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.5	9.7#
236	25.8	20.6	31.0



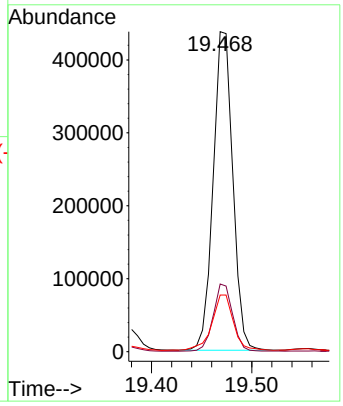
Instrument :
BNA_P
ClientSampleId :

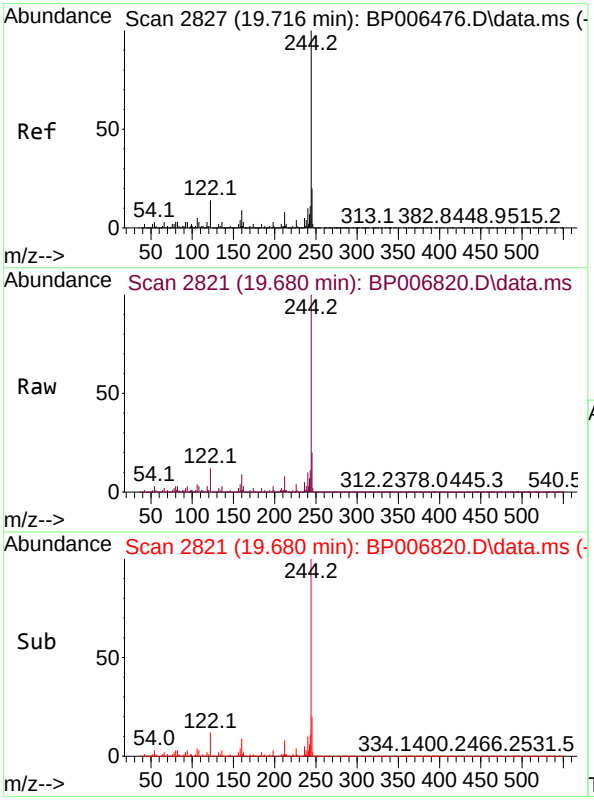


#78
Pyrene
Concen: 9.429 ng
RT: 19.468 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:202 Resp: 593251

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	17.7	14.2	21.2

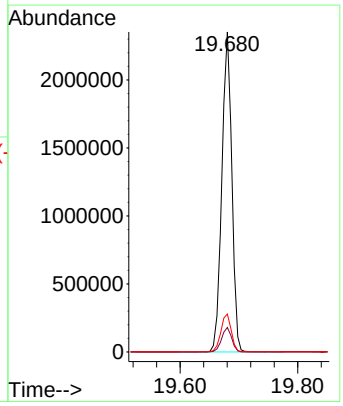




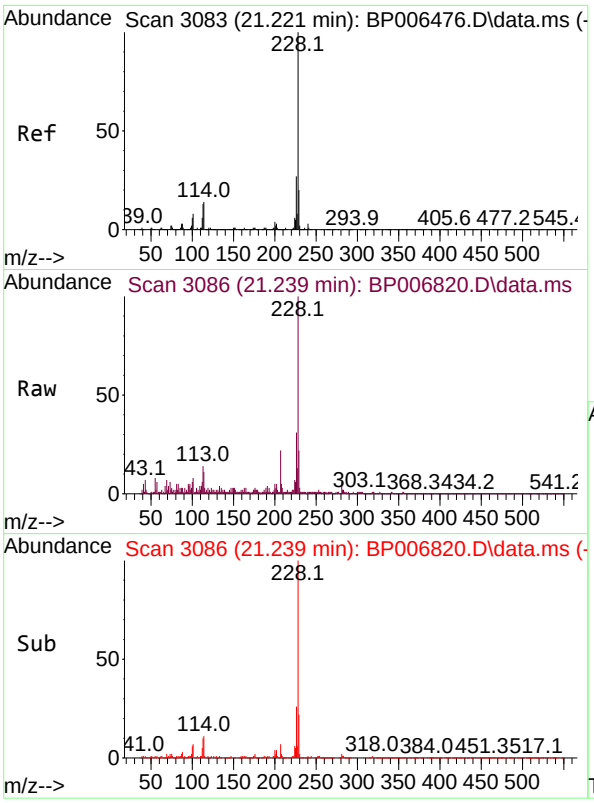
#79
Terphenyl-d14
Concen: 58.683 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:244 Resp: 2758684

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.8	7.1	10.7#



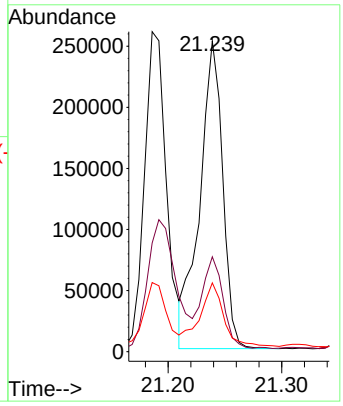
Instrument :
BNA_P
ClientSampleId :

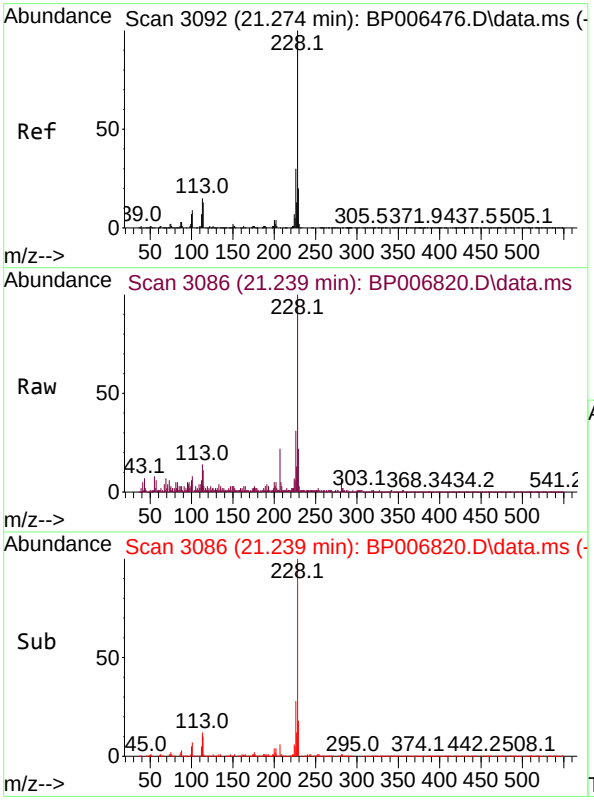


#81
Benzo(a)anthracene
Concen: 5.738 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.047 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:228 Resp: 353217

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.6	32.4
229	22.1	15.8	23.6

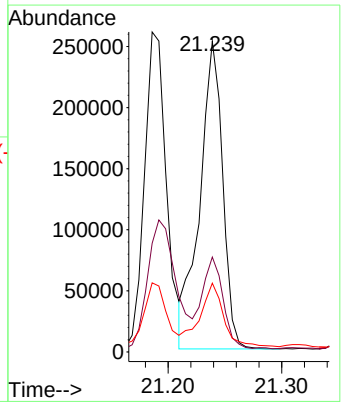




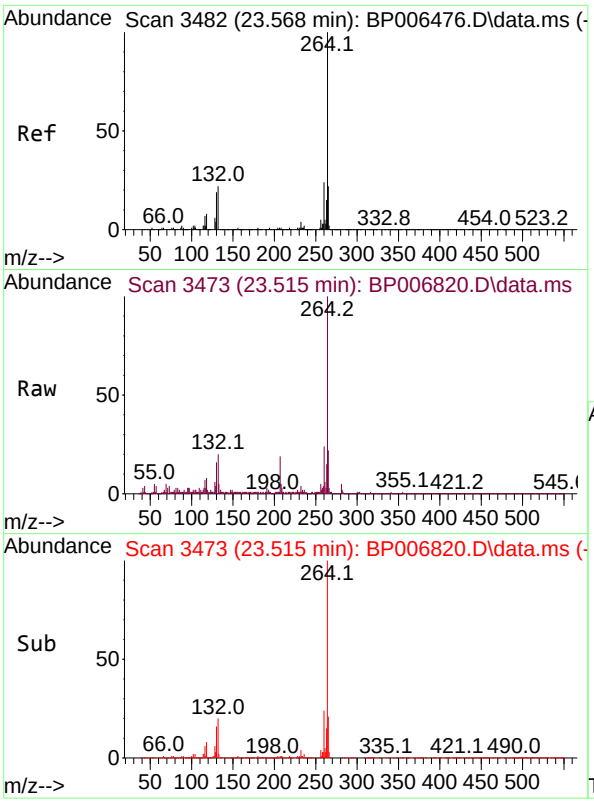
#83
Chrysene
Concen: 5.918 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:228 Resp: 353217

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	22.1	15.4	23.2



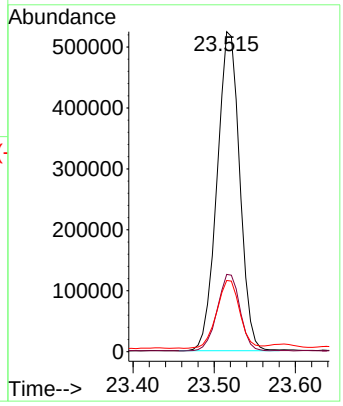
Instrument :
BNA_P
ClientSampleId :

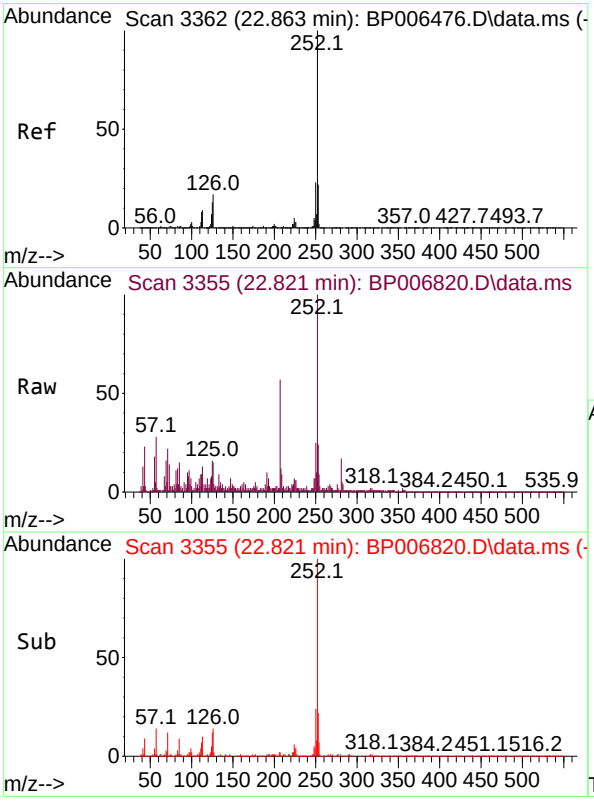


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:264 Resp: 1015078

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.3	17.6	26.4

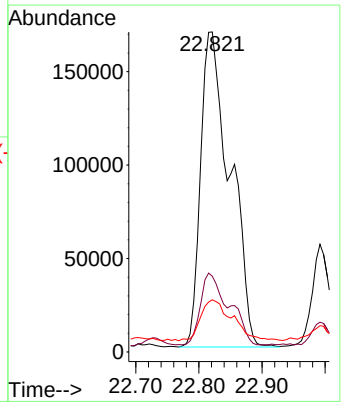




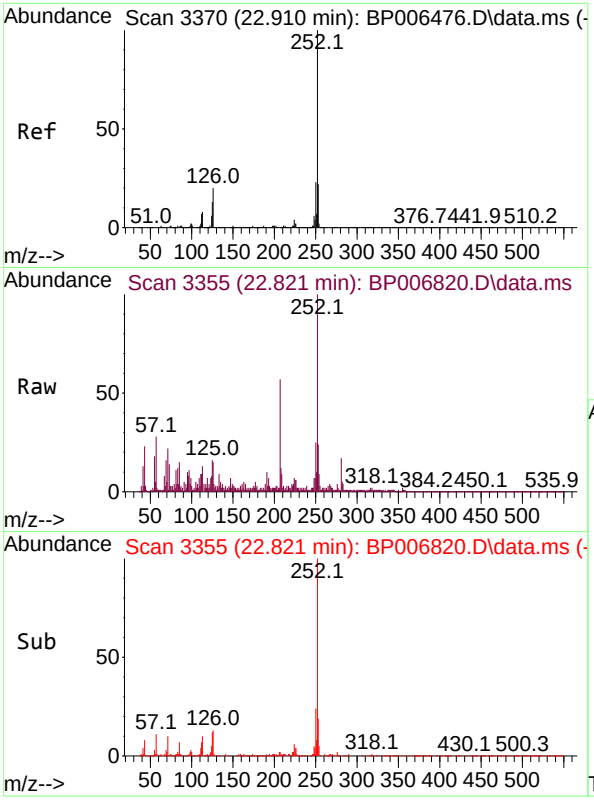
#88
Benzo(b)fluoranthene
Concen: 8.298 ng
RT: 22.821 min Scan# 3355
Delta R.T. 0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:252 Resp: 547457

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	16.3	6.2	9.4#



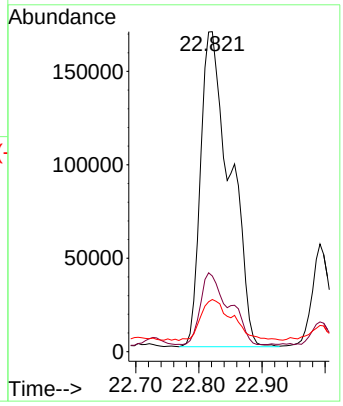
Instrument :
BNA_P
ClientSampleId :

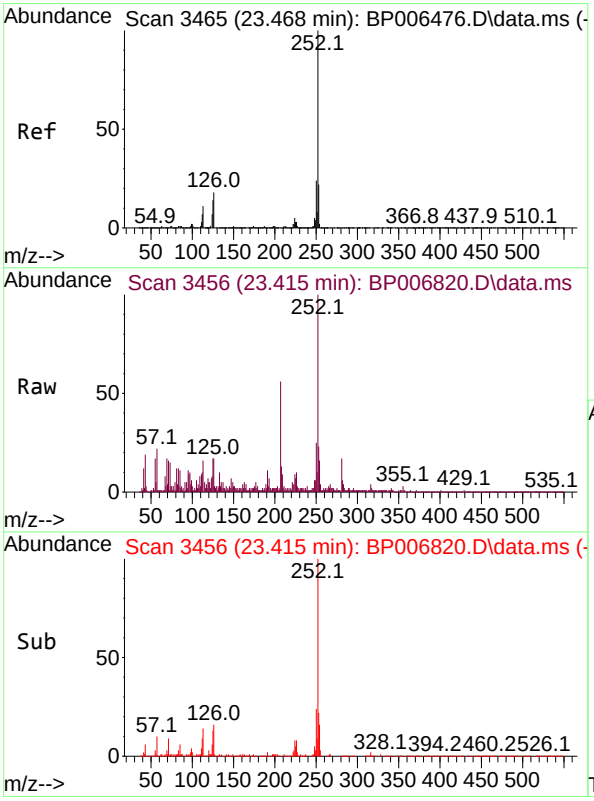


#89
Benzo(k)fluoranthene
Concen: 8.643 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.041 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:252 Resp: 547457

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	16.3	6.0	9.0#

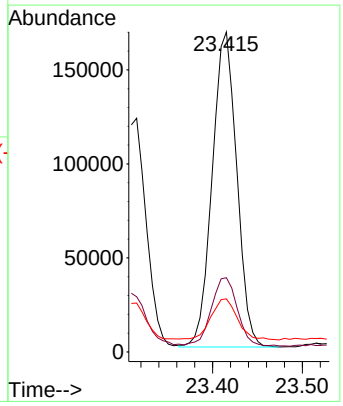


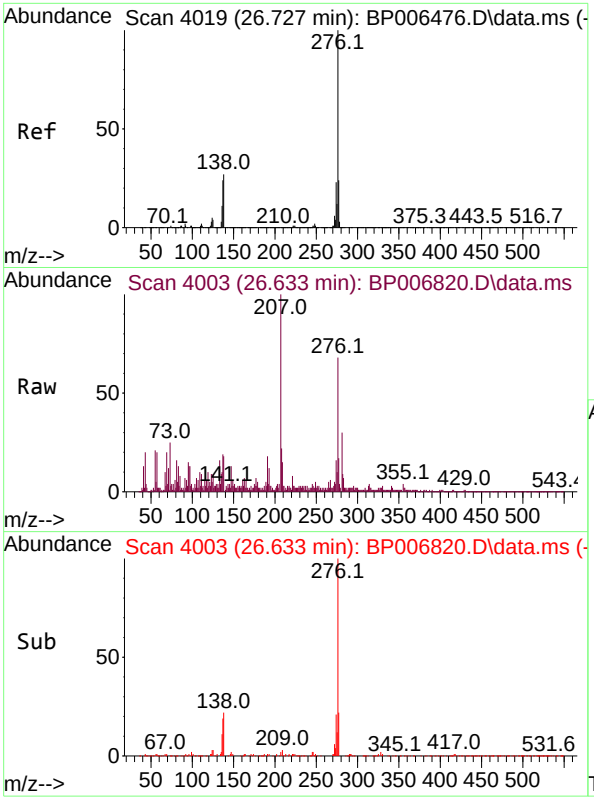


#90
Benzo(a)pyrene
Concen: 5.383 ng
RT: 23.415 min Scan# 3456
Delta R.T. -0.000 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:252 Resp: 318523

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	16.6	6.5	9.7#

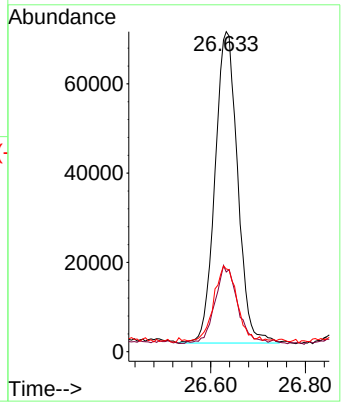




#92
Benzo(g,h,i)perylene
Concen: 3.795 ng
RT: 26.633 min Scan# 4003
Delta R.T. -0.006 min
Lab File: BP006820.D
Acq: 21 Aug 2021 02:36

Tgt Ion:276 Resp: 231409

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	25.9	12.6	18.8#



Instrument :
BNA_P
ClientSampleId :