Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019823.D
Acq On : 22 Feb 2024 14:24
Operator : MA/JU
Sample : P1549-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HT3727

Quant Time: Feb 22 14:49:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	63599	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	234173	20.000	ng		0.00
39) Acenaphthene-d10	14.528	164	164841	20.000	ng		-0.01
64) Phenanthrene-d10	17.286	188	375468	20.000	ng		0.00
76) Chrysene-d12	21.380	240	373369	20.000	ng		-0.01
86) Perylene-d12	23.804	264	425832	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	164635	41.727	ng		0.00
7) Phenol-d6	7.069	99	207088	38.926	ng		0.00
23) Nitrobenzene-d5	9.063	82	148110	27.406	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	133915	55.640	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	354595	26.593	ng		0.00
79) Terphenyl-d14	19.851	244	697649	30.729	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.328	178	148482	7.514	ng		98
75) Fluoranthene	19.298	202	299517	12.408	ng		99
78) Pyrene	19.651	202	275251	10.446	ng		99
81) Benzo(a)anthracene	21.369	228	155243	5.907	ng		97
83) Chrysene	21.421	228	138461	5.549	ng		97
87) Indeno(1,2,3-cd)pyrene	26.327	276	75880	2.328	ng	#	93
88) Benzo(b)fluoranthene	23.068	252	166877	6.218	ng	#	91
89) Benzo(k)fluoranthene	23.068	252	166877	6.509	ng	#	91
90) Benzo(a)pyrene	23.692	252	116115	4.862	ng	#	93
92) Benzo(g,h,i)perylene	27.109	276	77326	2.843	ng	#	94

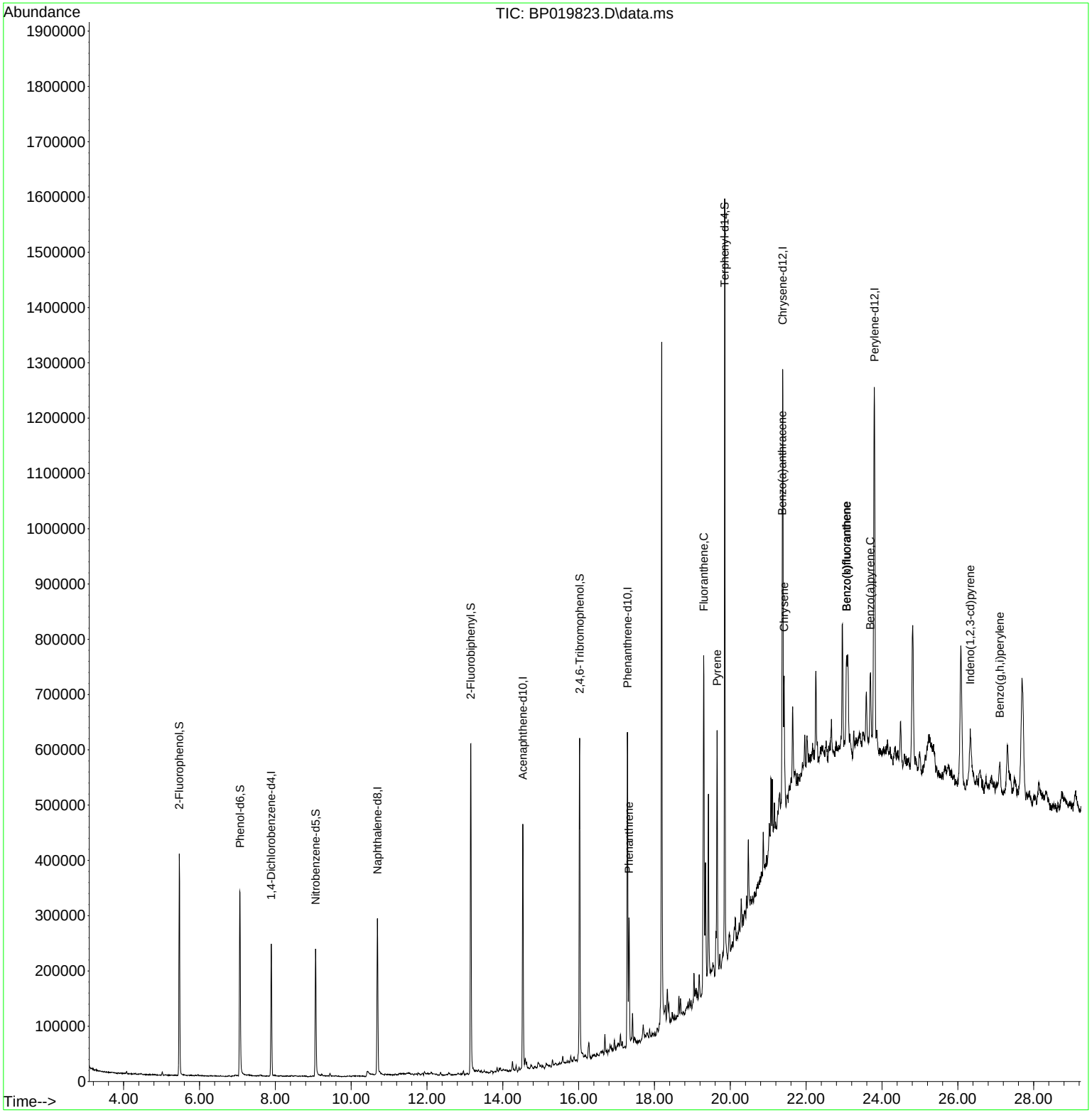
(#) = qualifier out of range (m) = manual integration (+) = signals summed

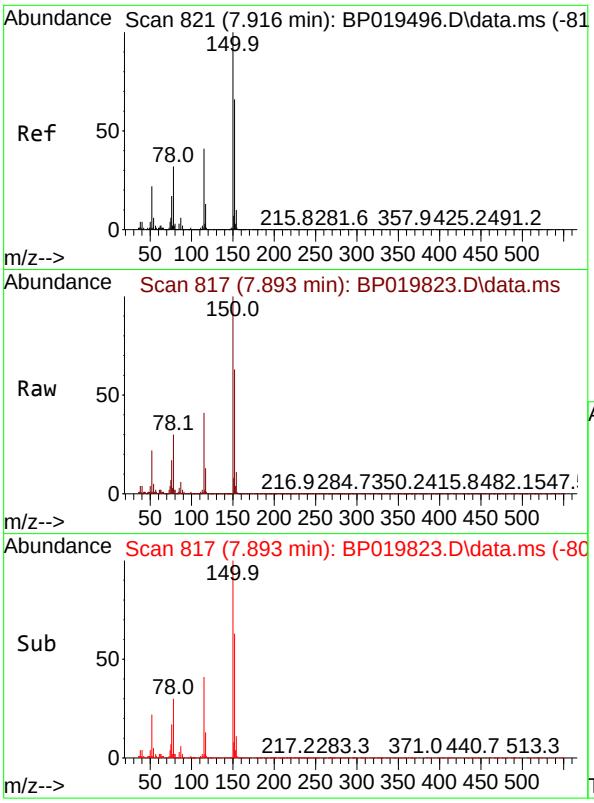
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019823.D
Acq On : 22 Feb 2024 14:24
Operator : MA/JU
Sample : P1549-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HT3727

Quant Time: Feb 22 14:49:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration



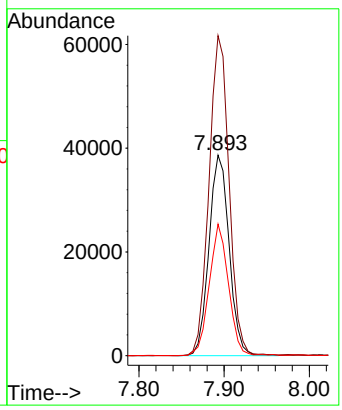


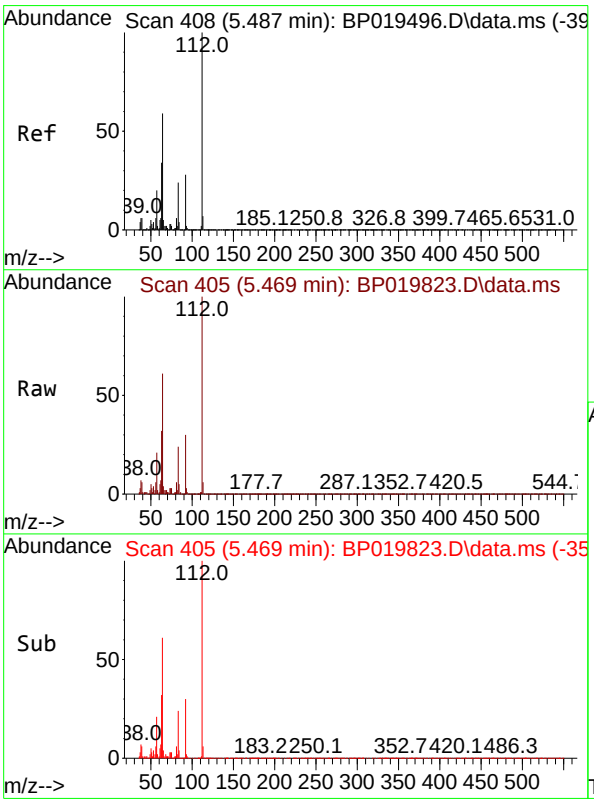
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:152 Resp: 63599

Ion	Ratio	Lower	Upper
152	100		
150	159.6	121.8	182.8
115	65.6	49.9	74.9

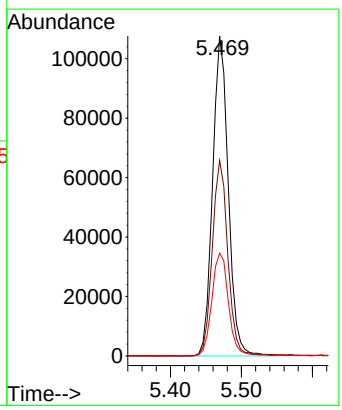


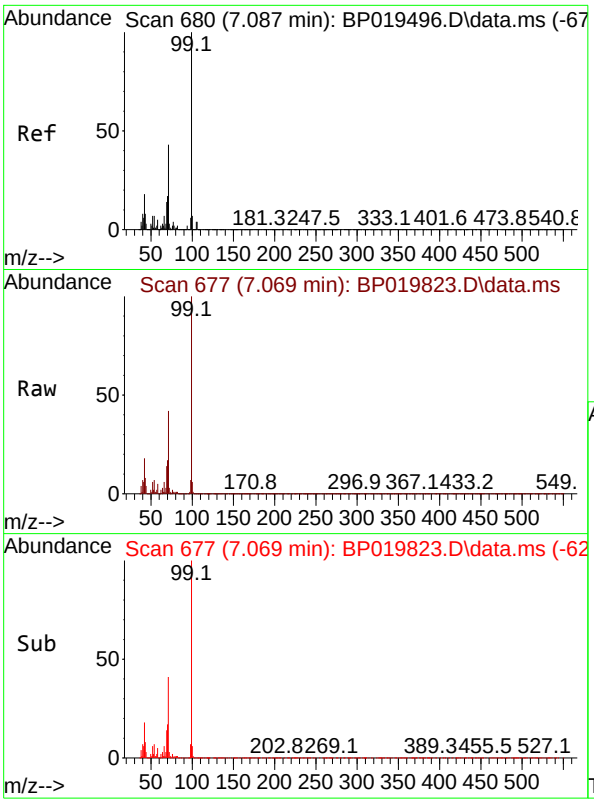


#5
2-Fluorophenol
Concen: 41.727 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:112 Resp: 164635

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.4	71.0
63	32.2	27.0	40.6



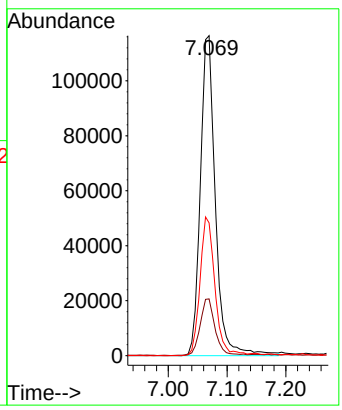


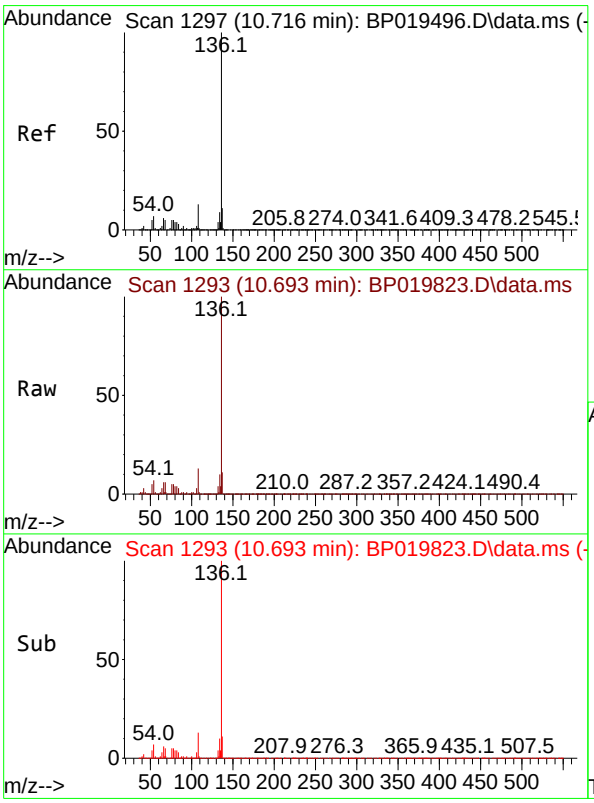
#7
Phenol-d6
Concen: 38.926 ng
RT: 7.069 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion: 99 Resp: 207088

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.7	22.1
71	41.5	34.8	52.2

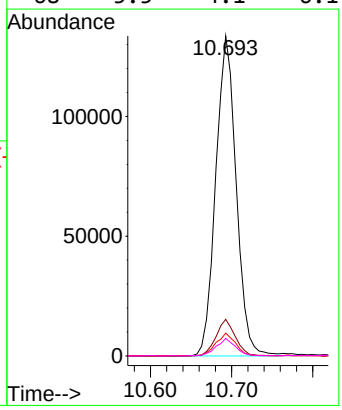


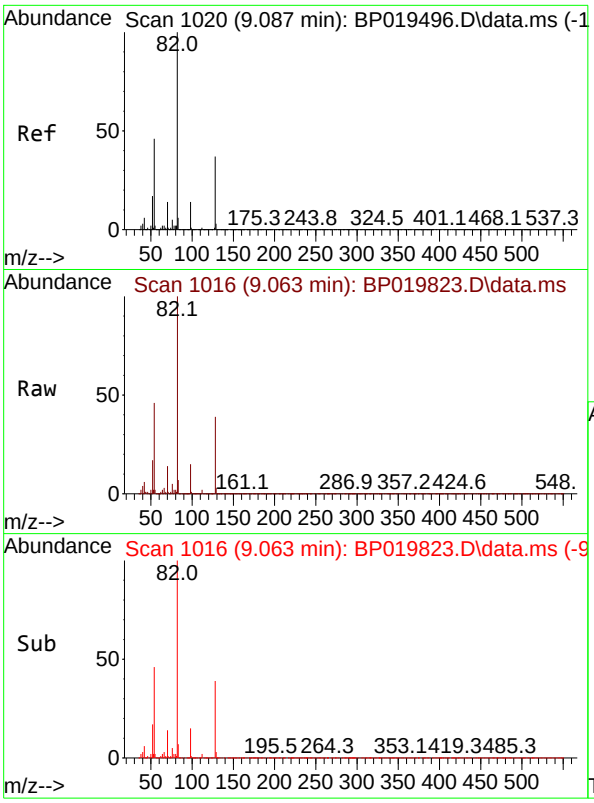


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:136 Resp: 234173

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.1	5.3	7.9
68	5.5	4.1	6.1



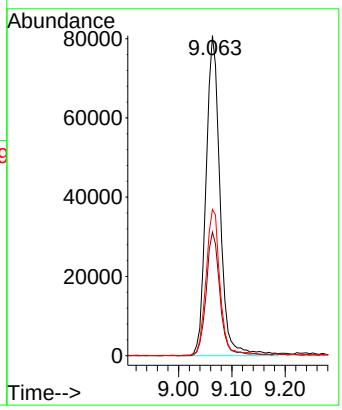


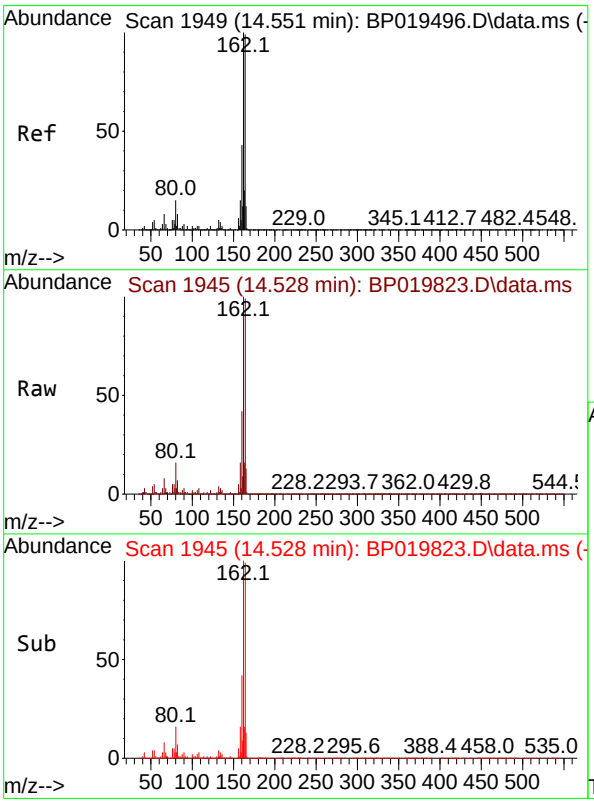
#23
Nitrobenzene-d5
Concen: 27.406 ng
RT: 9.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion: 82 Resp: 148110

Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.7	44.5
54	45.7	36.8	55.2

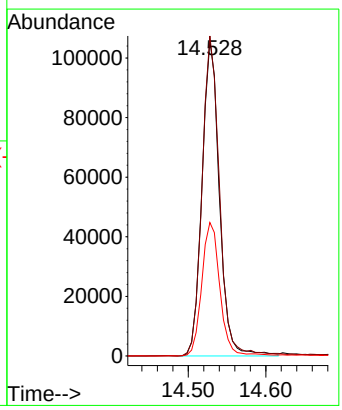


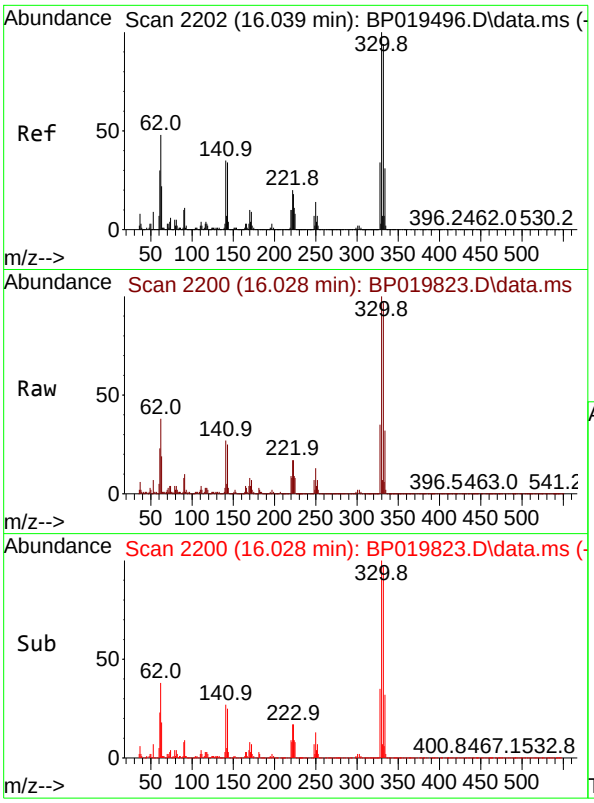


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:164 Resp: 164841

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.2	121.8
160	42.3	35.1	52.7



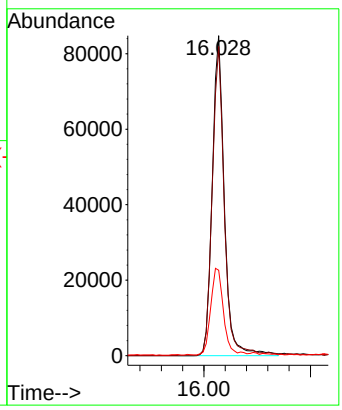


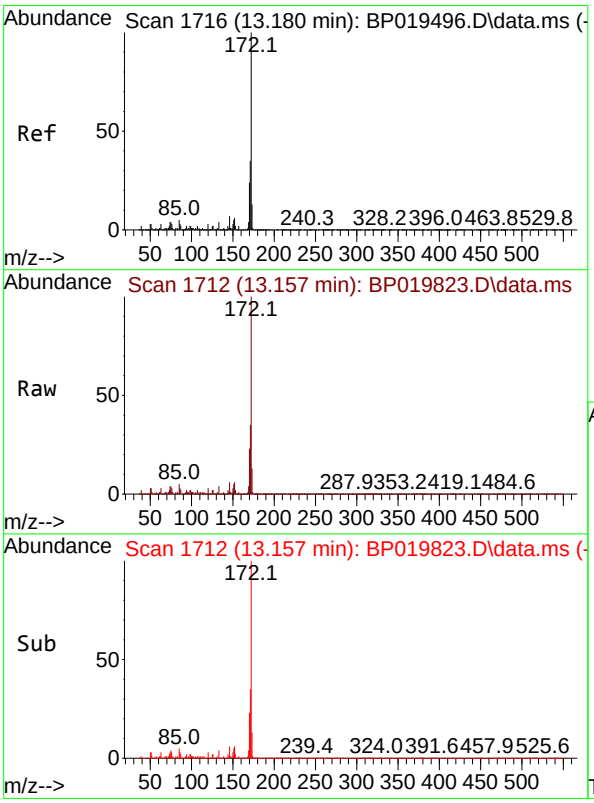
#42
2,4,6-Tribromophenol
Concen: 55.640 ng
RT: 16.028 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:330 Resp: 133915

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	28.4	27.0	40.4

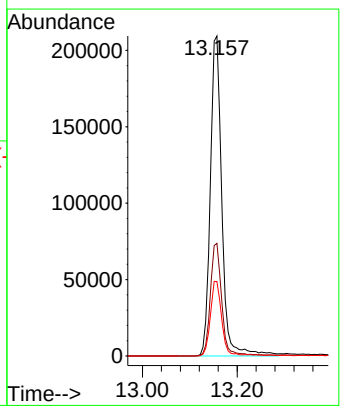


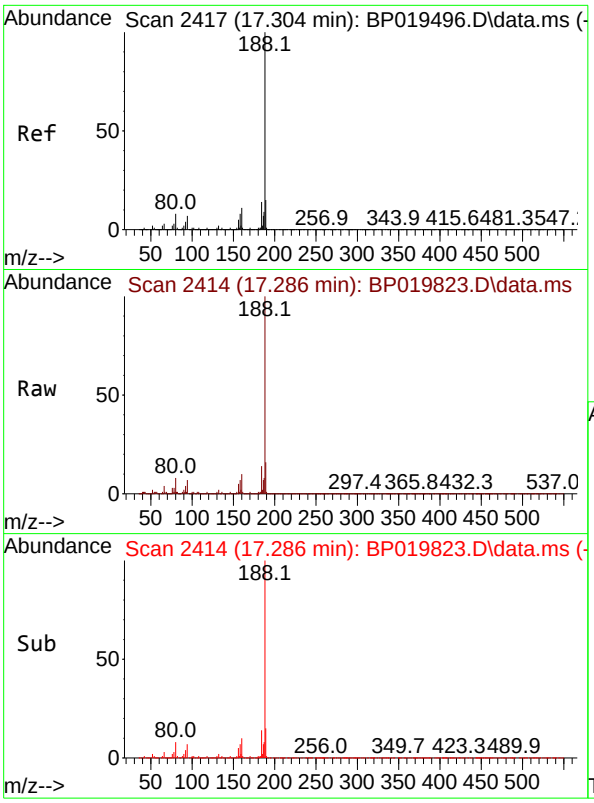


#45
2-Fluorobiphenyl
Concen: 26.593 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:172 Resp: 354595

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.3	18.9	28.3



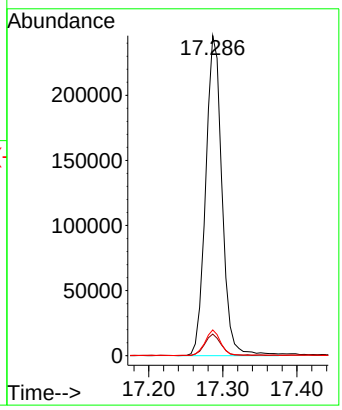


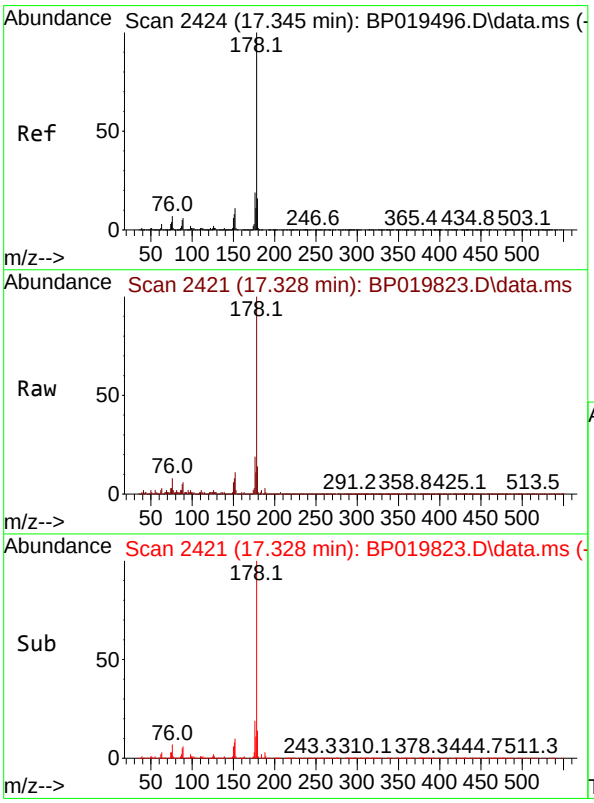
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:188 Resp: 375468

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.2
80	8.1	6.3	9.5

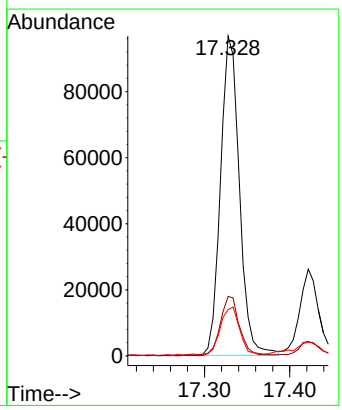


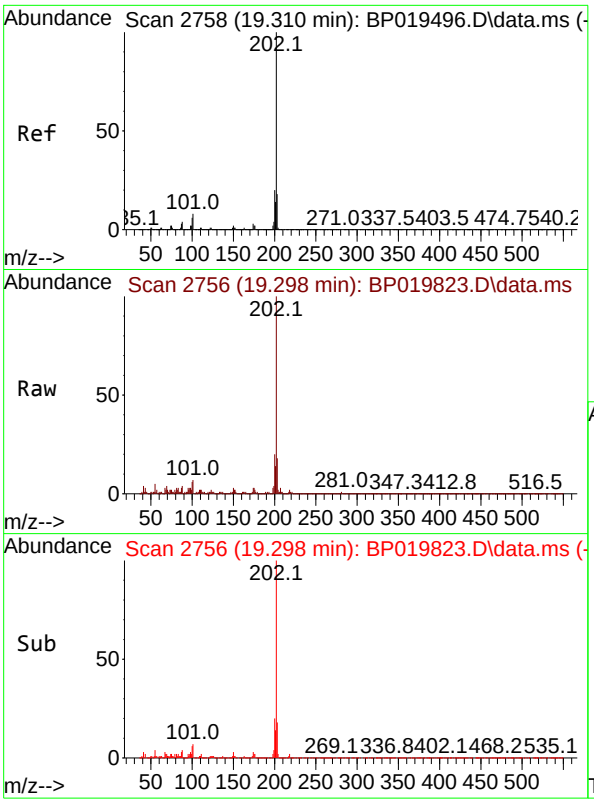


#71
Phenanthrene
Concen: 7.514 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:178 Resp: 148482

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	14.5	12.6	19.0



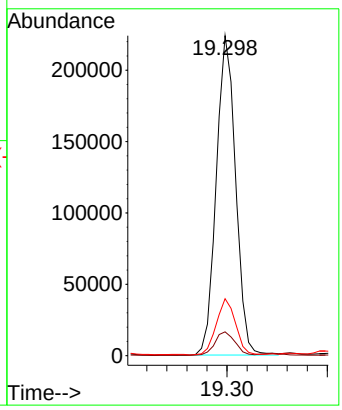


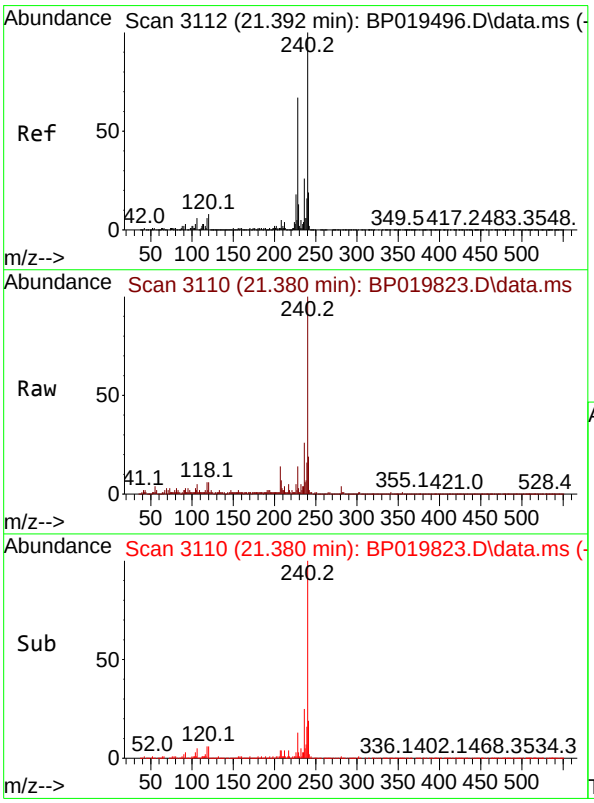
#75
Fluoranthene
Concen: 12.408 ng
RT: 19.298 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:202 Resp: 299517

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	27.7
203	17.8	0.0	37.5

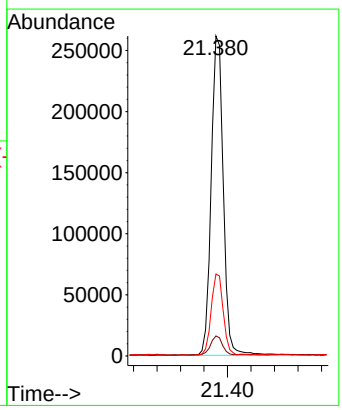


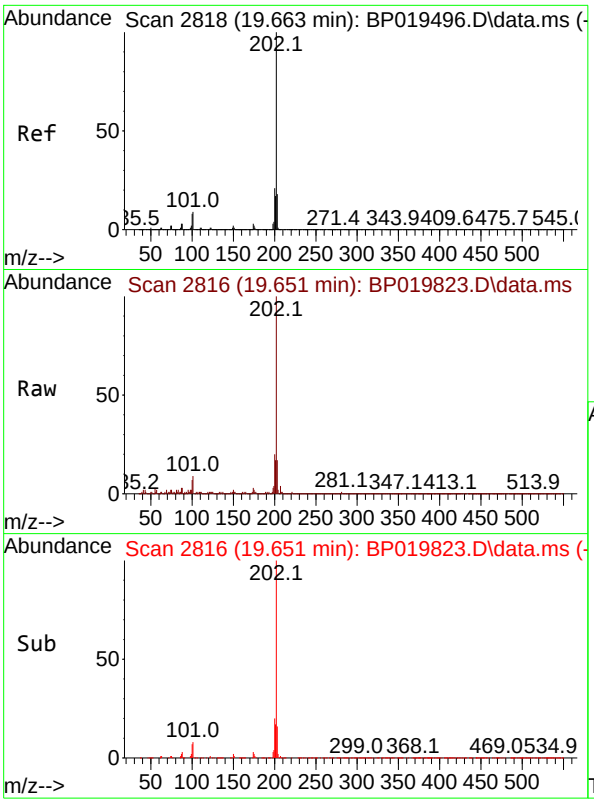


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:240 Resp: 373369

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.1	9.1
236	25.6	20.7	31.1



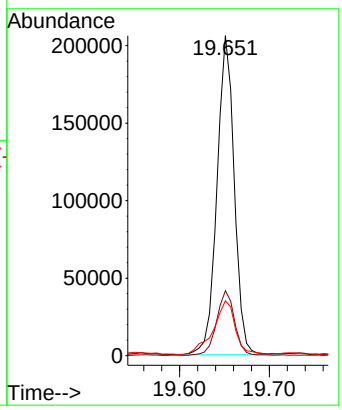


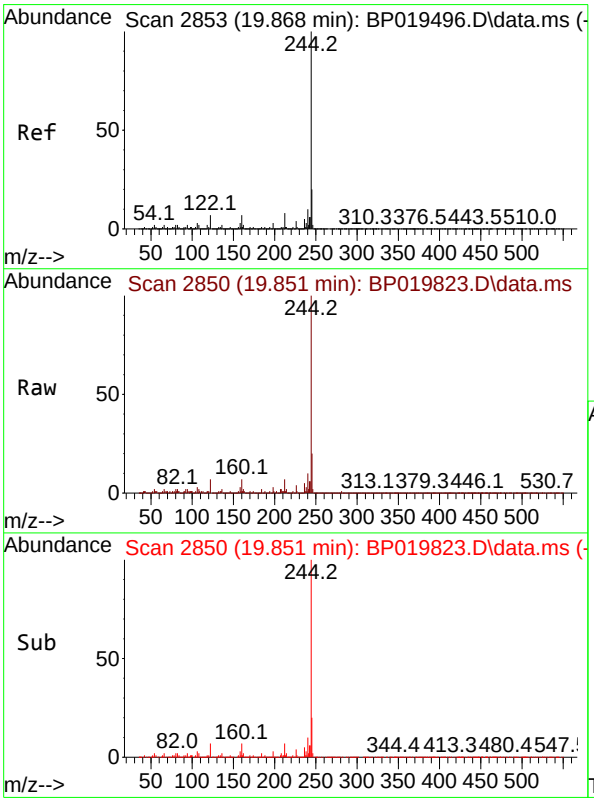
#78
Pyrene
Concen: 10.446 ng
RT: 19.651 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:202 Resp: 275251

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.2	14.2	21.2

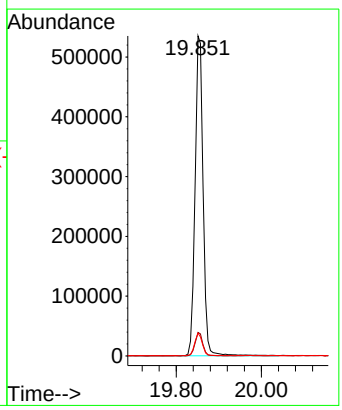


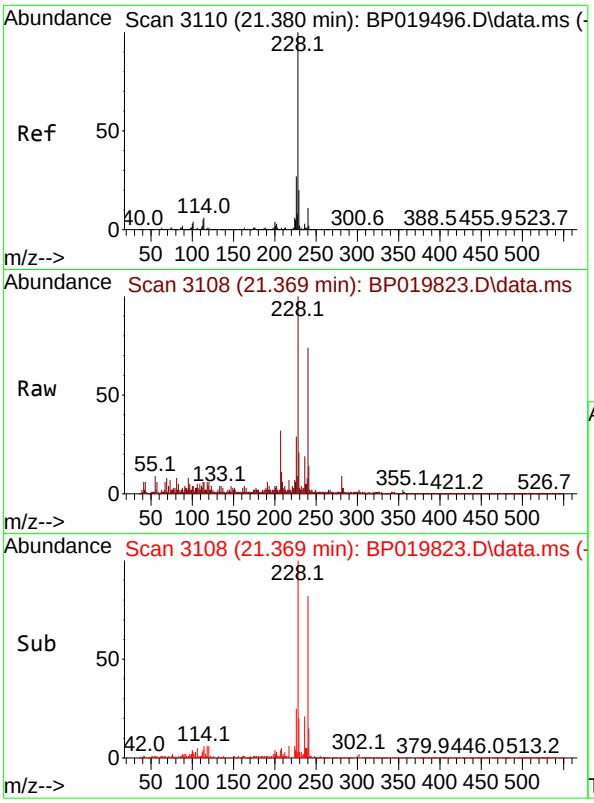


#79
Terphenyl-d14
Concen: 30.729 ng
RT: 19.851 min Scan# 2850
Delta R.T. -0.012 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:244 Resp: 697649

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	7.2	5.9	8.9



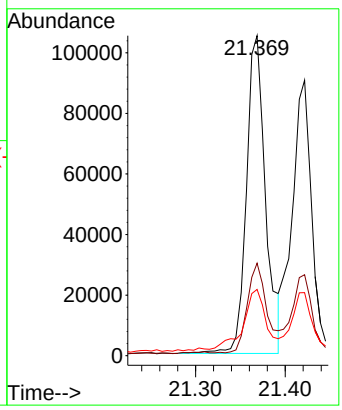


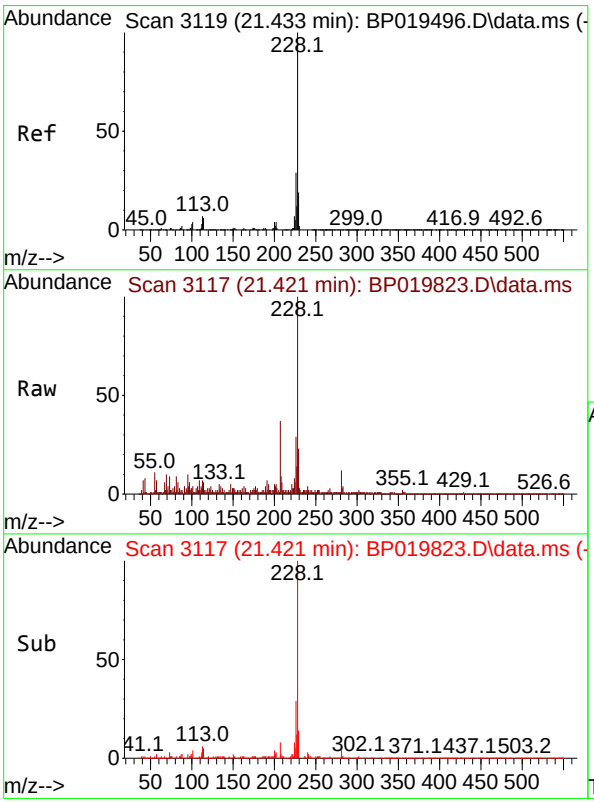
#81
Benzo(a)anthracene
Concen: 5.907 ng
RT: 21.369 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:228 Resp: 155243

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.7	32.5
229	20.7	15.6	23.4

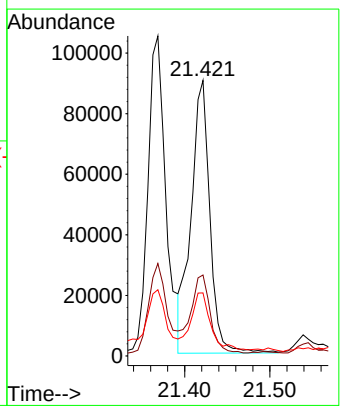


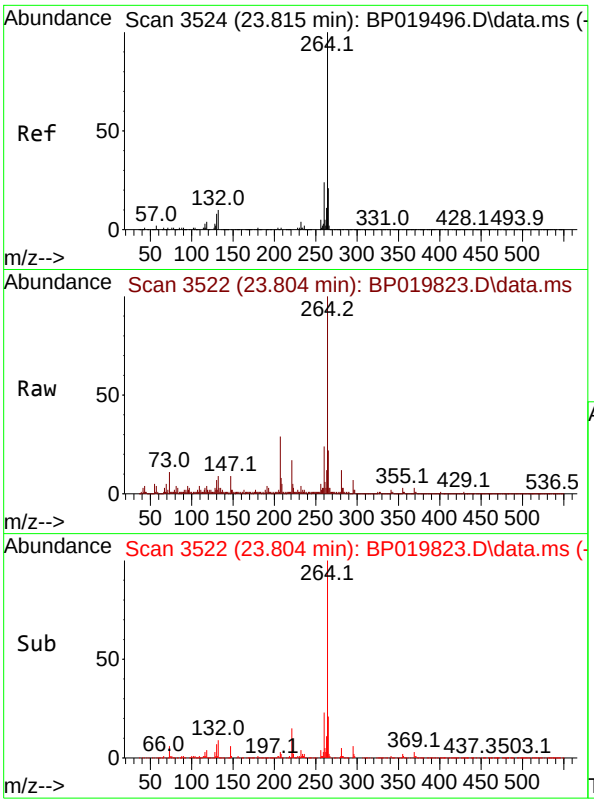


#83
Chrysene
Concen: 5.549 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:228 Resp: 138461

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.9	15.6	23.4



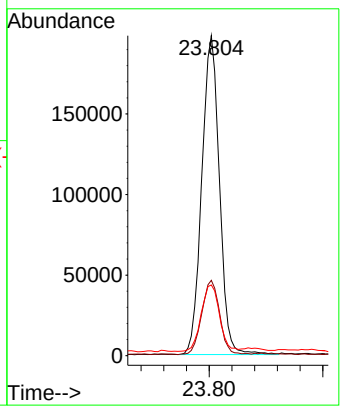


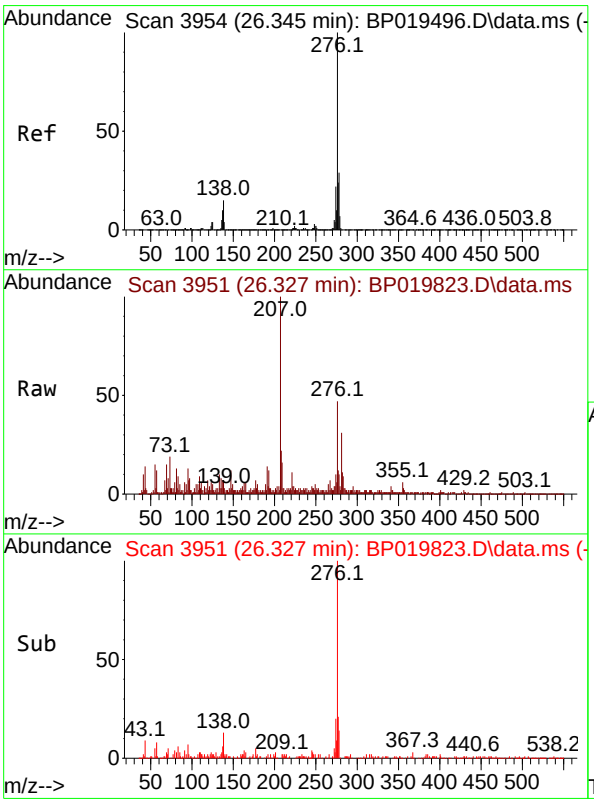
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.804 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:264 Resp: 425832

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	17.0	25.4

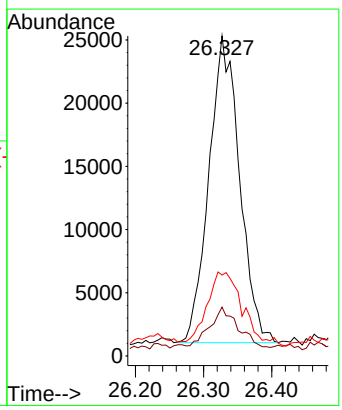


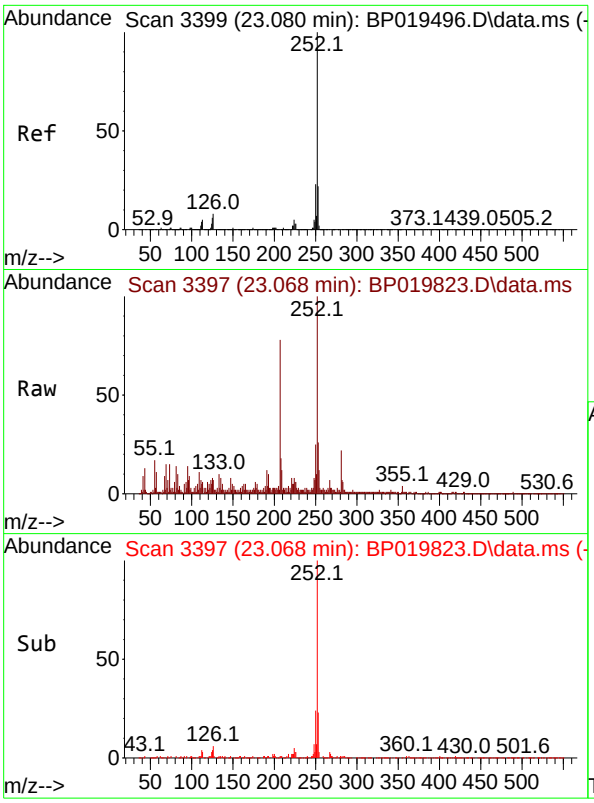


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.328 ng
RT: 26.327 min Scan# 3951
Delta R.T. -0.018 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:276 Resp: 75880

Ion	Ratio	Lower	Upper
276	100		
138	12.6	13.1	19.7#
277	28.3	20.3	30.5



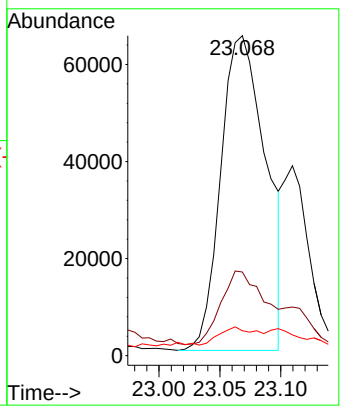


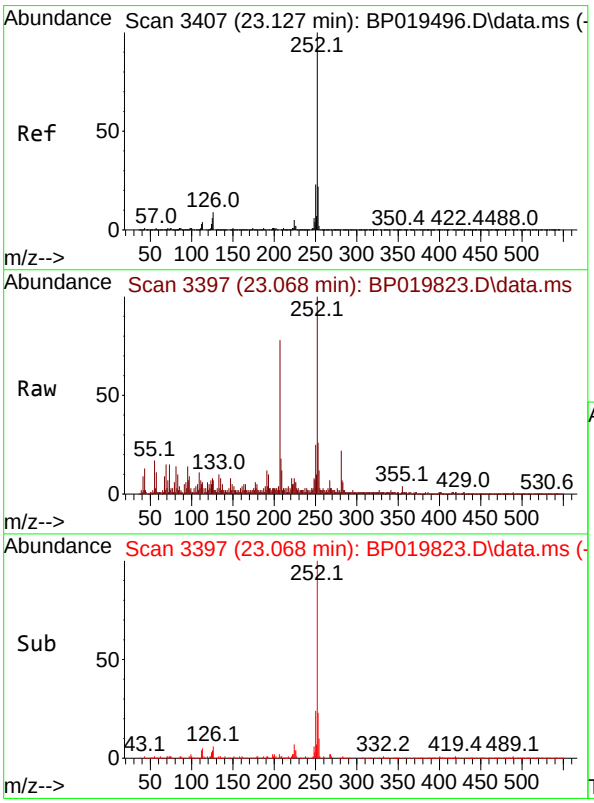
#88
Benzo(b)fluoranthene
Concen: 6.218 ng
RT: 23.068 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:252 Resp: 166877

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.3	25.9#
125	7.8	4.9	7.3#

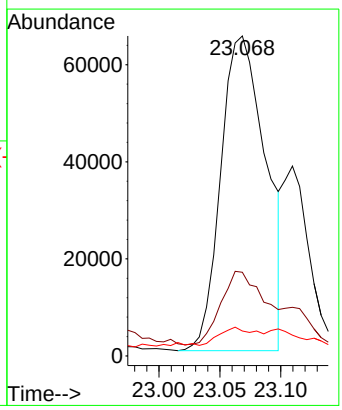


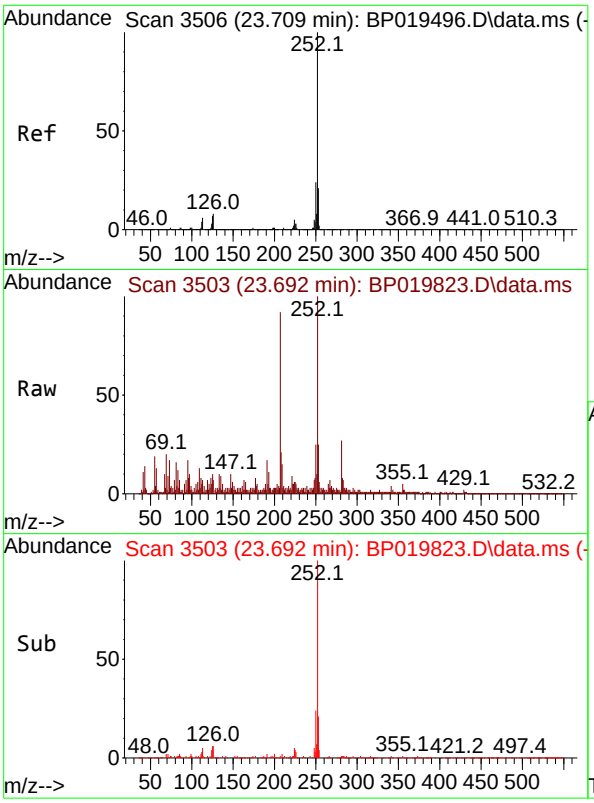


#89
Benzo(k)fluoranthene
Concen: 6.509 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.053 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:252 Resp: 166877

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	7.8	5.0	7.6#



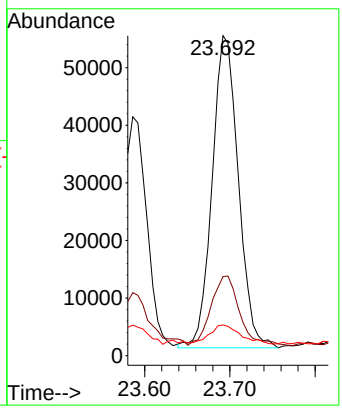


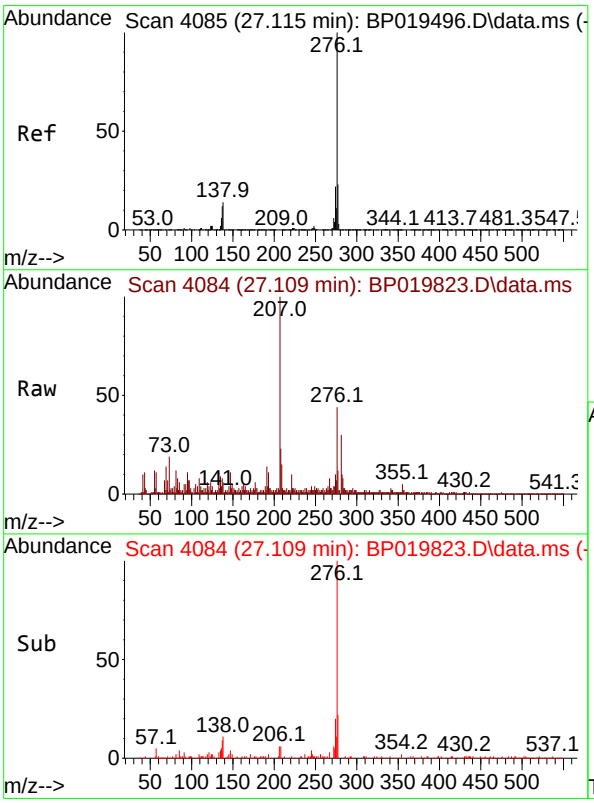
#90
Benzo(a)pyrene
Concen: 4.862 ng
RT: 23.692 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Instrument :
BNA_P
ClientSampleId :
HT3727

Tgt Ion:252 Resp: 116115

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	9.6	5.6	8.4#





#92
Benzo(g,h,i)perylene
Concen: 2.843 ng
RT: 27.109 min Scan# 4084
Delta R.T. -0.012 min
Lab File: BP019823.D
Acq: 22 Feb 2024 14:24

Tgt Ion:276 Resp: 77326

Ion	Ratio	Lower	Upper
276	100		
277	28.0	18.6	28.0#
138	14.0	10.9	16.3