Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
Data File : BP019786.D
Acq On : 20 Feb 2024 15:21
Operator : MA/JU
Sample : P1505-13DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Quant Time: Feb 20 15:57:17 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	7.899	152	55835	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	212626	20.000	ng		0.00
39) Acenaphthene-d10	14.534	164	153859	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	396111	20.000	ng		0.00
76) Chrysene-d12	21.386	240	391919	20.000	ng	#	0.00
86) Perylene-d12	23.798	264	434284	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	91281	26.352	ng		0.00
7) Phenol-d6	7.069	99	115611	24.753	ng		0.00
23) Nitrobenzene-d5	9.069	82	81278	16.564	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	73665	32.792	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	193726	15.566	ng		0.00
79) Terphenyl-d14	19.857	244	438122	18.384	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.333	178	90611	4.347	ng		99
72) Anthracene	17.428	178	48698	2.342	ng		96
75) Fluoranthene	19.304	202	703034	27.607	ng		99
78) Pyrene	19.651	202	554915	20.062	ng		99
81) Benzo(a)anthracene	21.368	228	430509	15.605	ng		98
83) Chrysene	21.421	228	284018	10.843	ng		98
87) Indeno(1,2,3-cd)pyrene	26.321	276	230965	6.948	ng	#	95
88) Benzo(b)fluoranthene	23.068	252	505815	18.480	ng		99
89) Benzo(k)fluoranthene	23.068	252	505815	19.346	ng		99
90) Benzo(a)pyrene	23.692	252	353360	14.509	ng		97
91) Dibenzo(a,h)anthracene	26.333	278	68501	2.505	ng	#	86
92) Benzo(g,h,i)perylene	27.103	276	196774	7.094	ng	#	96

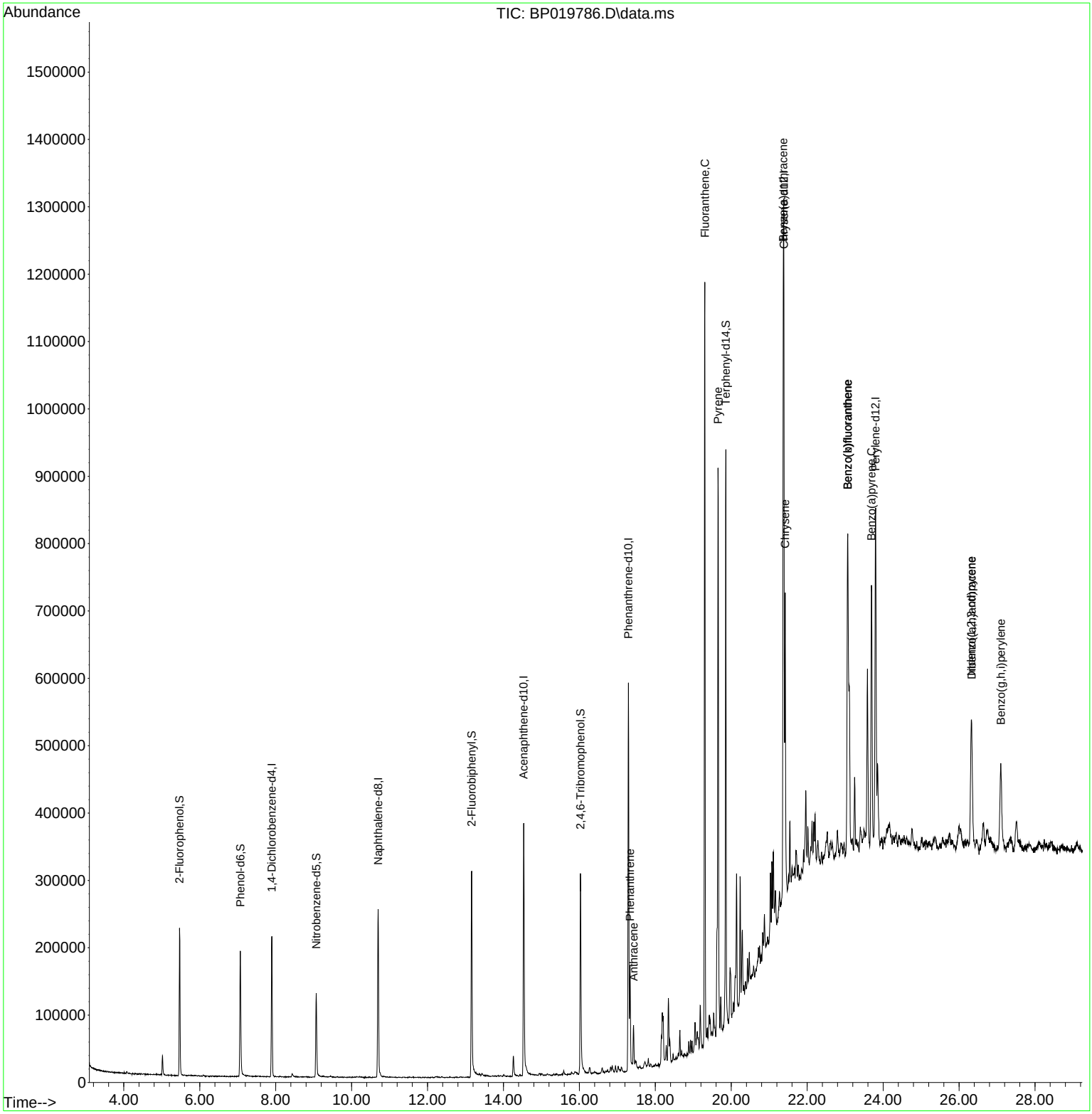
(#) = qualifier out of range (m) = manual integration (+) = signals summed

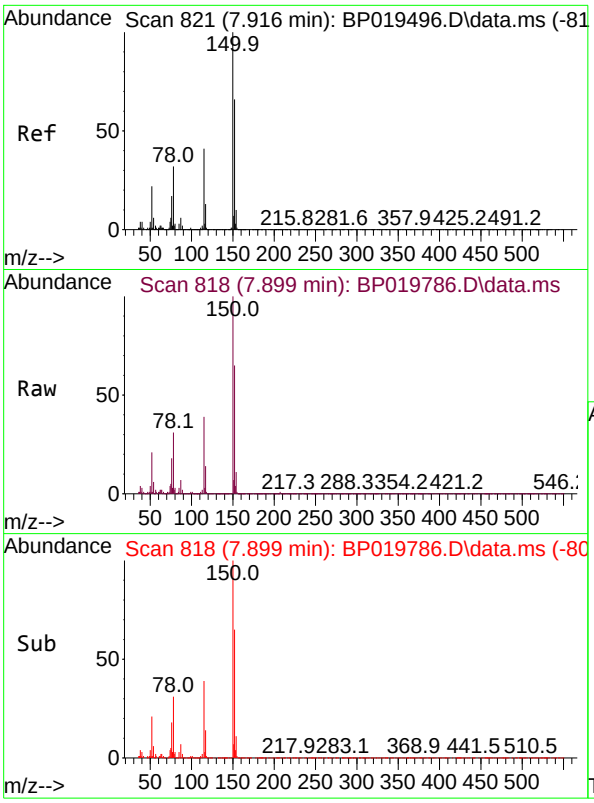
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
Data File : BP019786.D
Acq On : 20 Feb 2024 15:21
Operator : MA/JU
Sample : P1505-13DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Quant Time: Feb 20 15:57:17 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



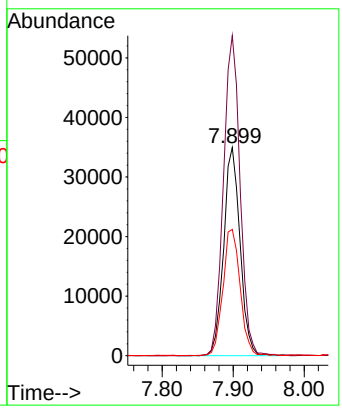


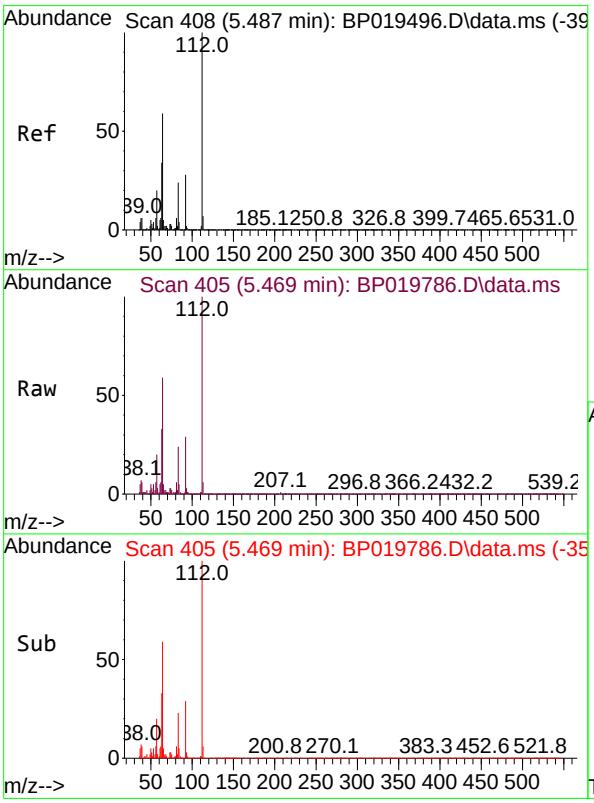
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion:152 Resp: 55835

Ion	Ratio	Lower	Upper
152	100		
150	153.7	121.8	182.8
115	60.6	49.9	74.9

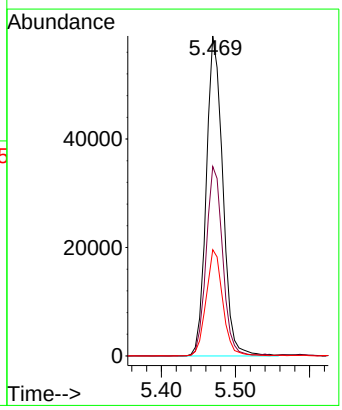


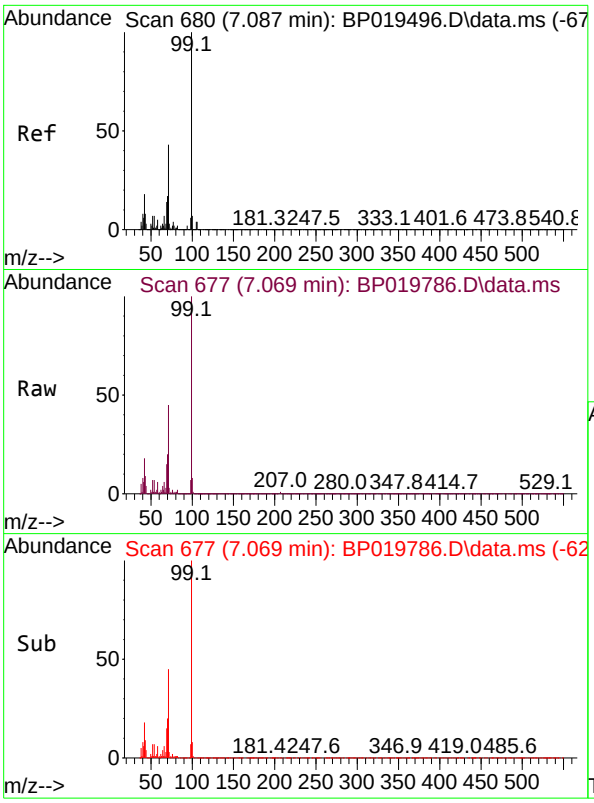


#5
2-Fluorophenol
Concen: 26.352 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:112 Resp: 91281

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.4	71.0
63	33.2	27.0	40.6



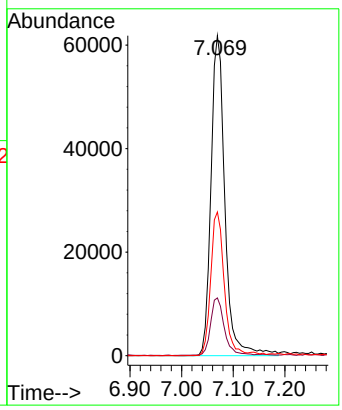


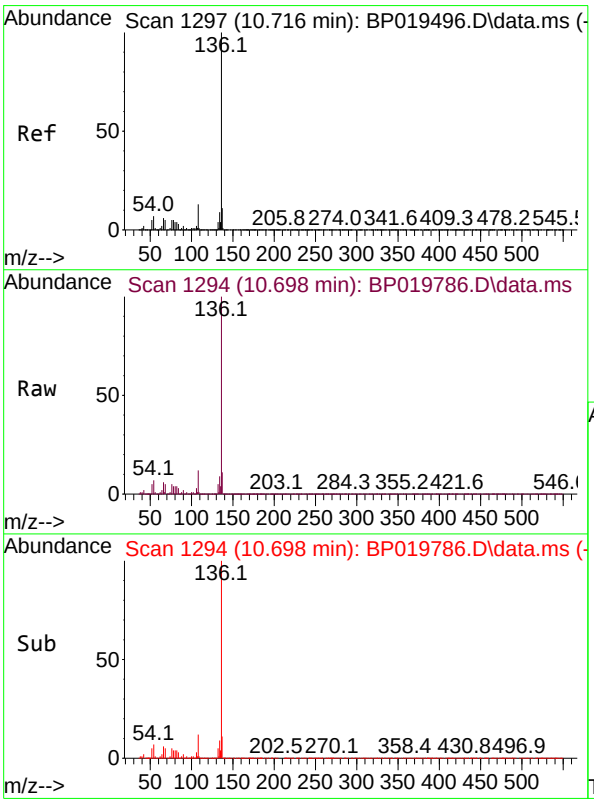
#7
Phenol-d6
Concen: 24.753 ng
RT: 7.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion: 99 Resp: 115611

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.7	22.1
71	44.9	34.8	52.2

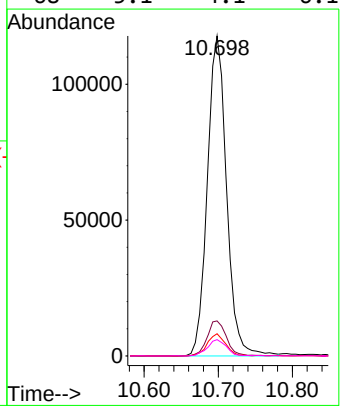


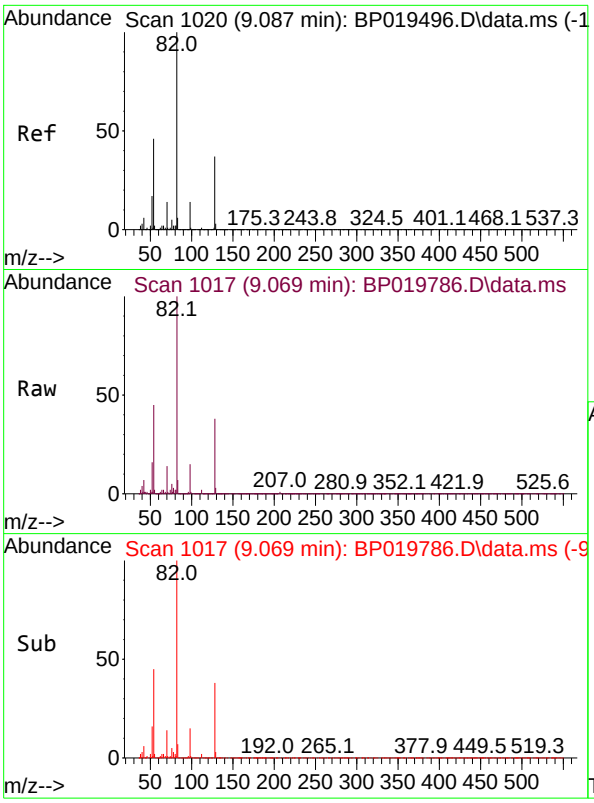


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:136 Resp: 212626

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.3	7.9
68	5.1	4.1	6.1



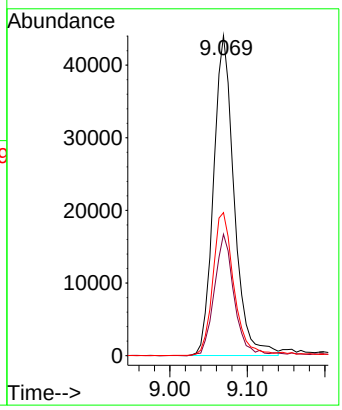


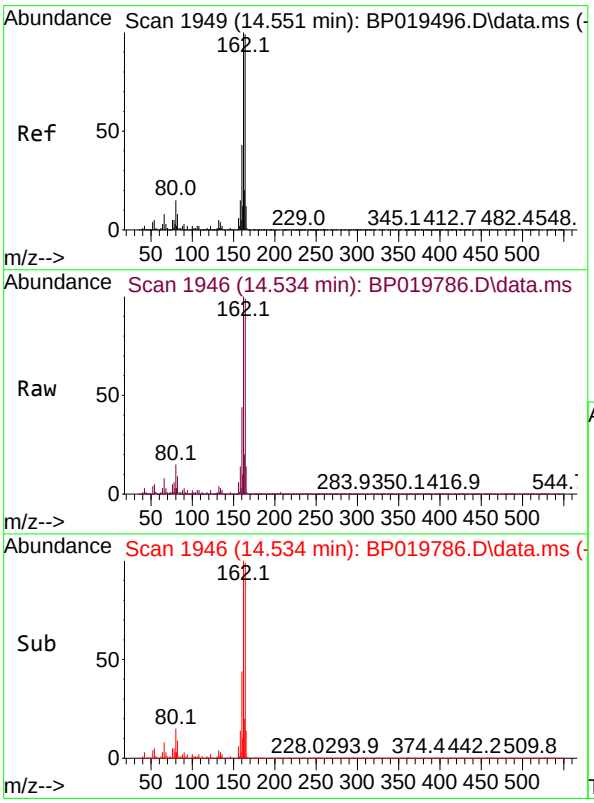
#23
Nitrobenzene-d5
Concen: 16.564 ng
RT: 9.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion: 82 Resp: 81278

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.7	44.5
54	44.7	36.8	55.2

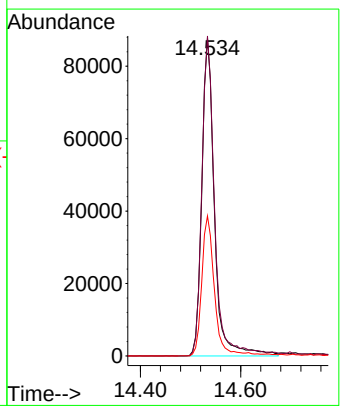


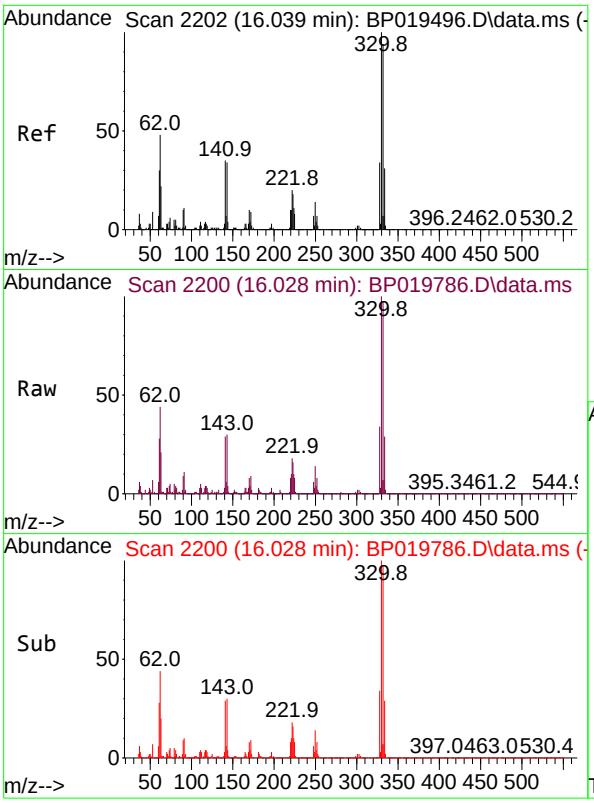


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:164 Resp: 153859

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.2	121.8
160	44.0	35.1	52.7



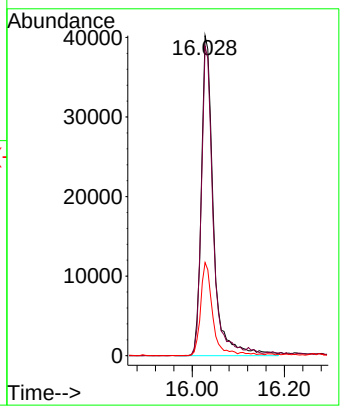


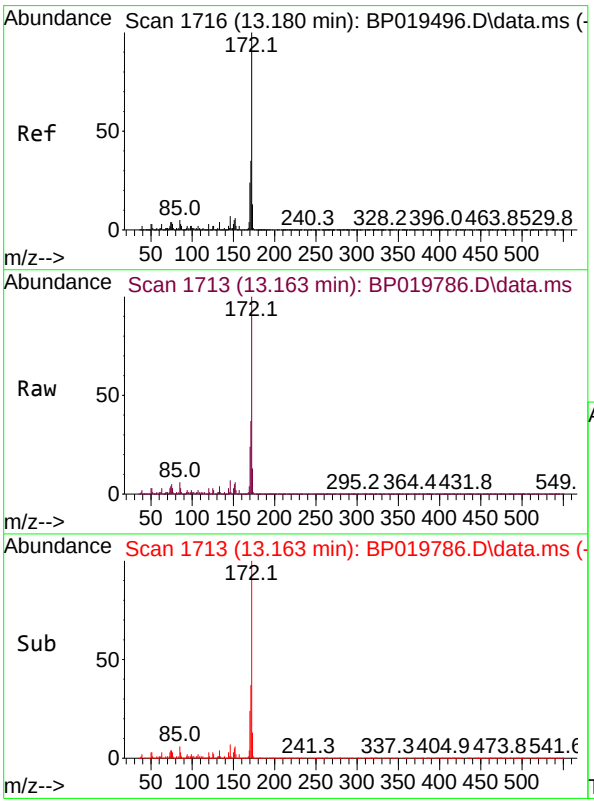
#42
2,4,6-Tribromophenol
Concen: 32.792 ng
RT: 16.028 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion:330 Resp: 73665

Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.2	115.8
141	28.3	27.0	40.4

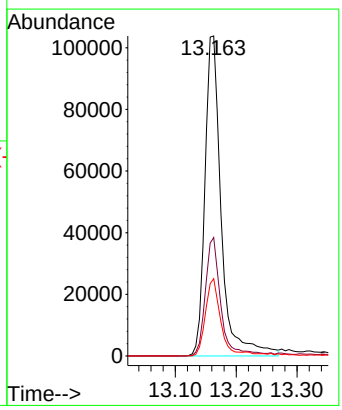


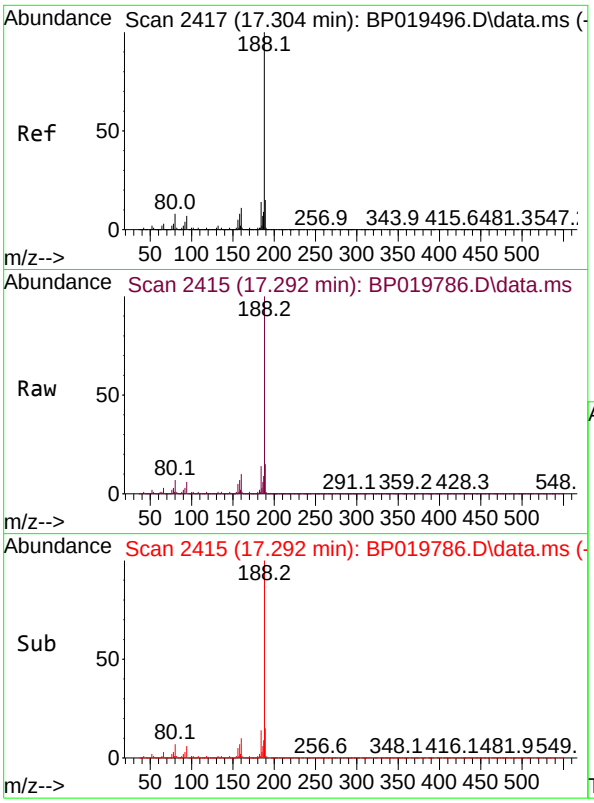


#45
2-Fluorobiphenyl
Concen: 15.566 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:172 Resp: 193726

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.2	42.4
170	24.2	18.9	28.3



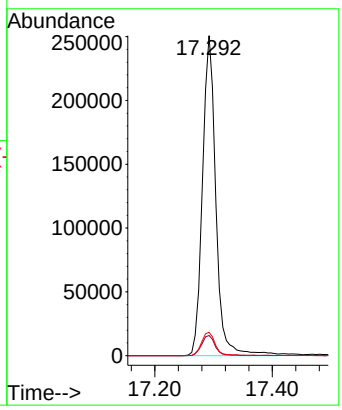


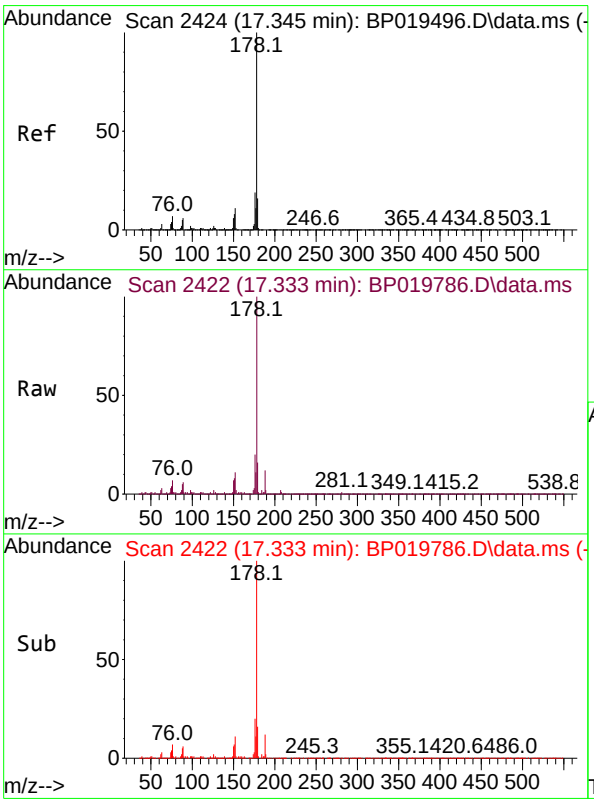
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion:188 Resp: 396111

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.4	8.2
80	7.3	6.3	9.5

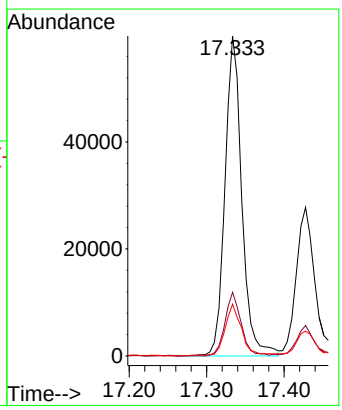


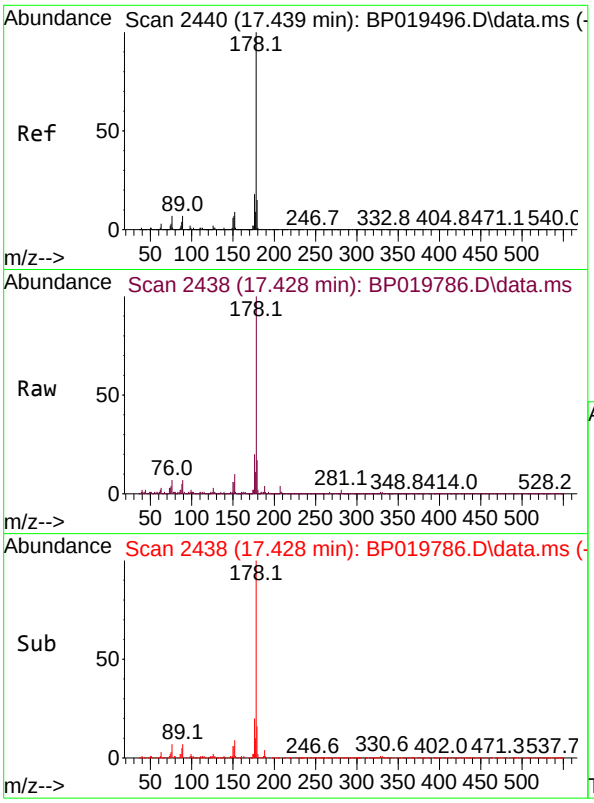


#71
Phenanthrene
Concen: 4.347 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:178 Resp: 90611

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.2	12.6	19.0



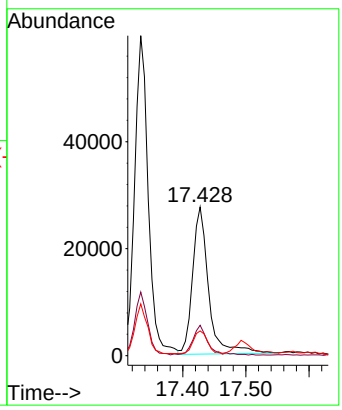


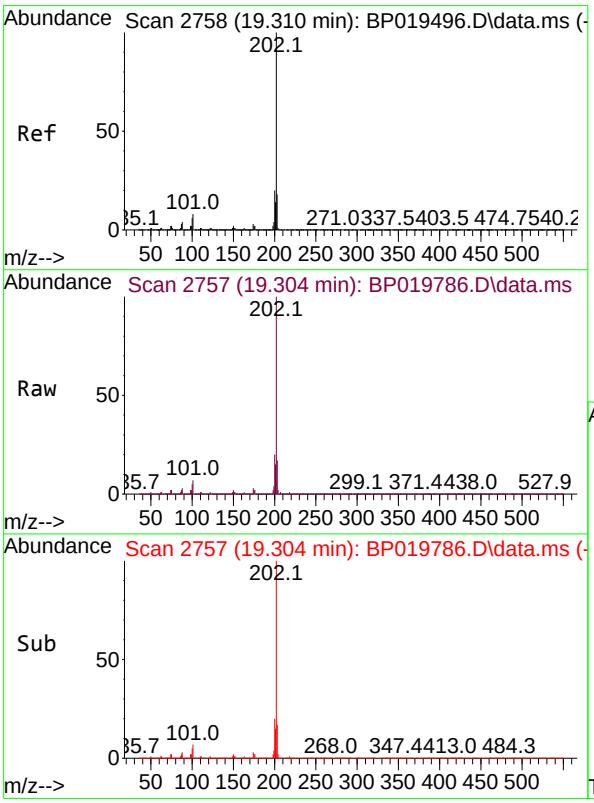
#72
Anthracene
Concen: 2.342 ng
RT: 17.428 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion:178 Resp: 48698

Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.7	22.1
179	16.6	12.2	18.2

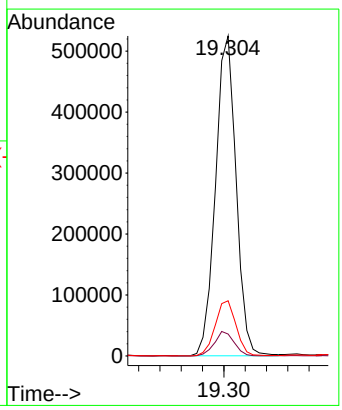


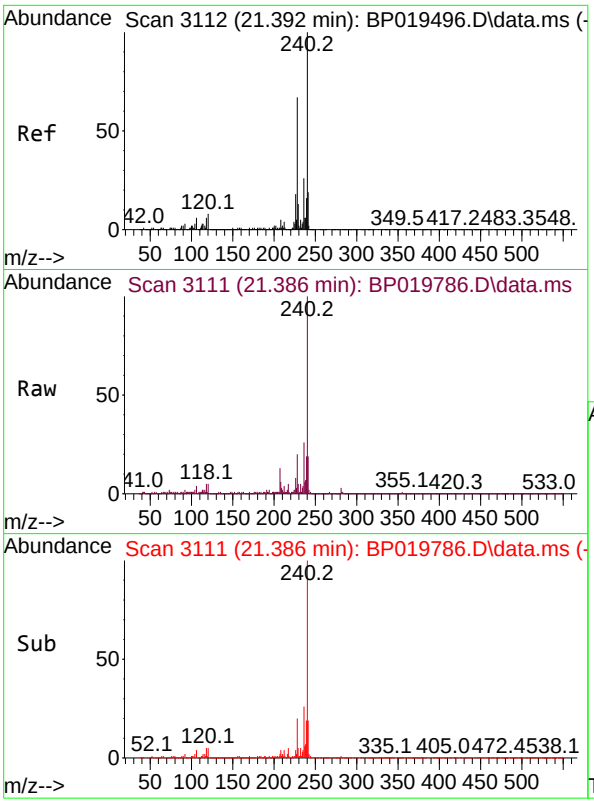


#75
Fluoranthene
Concen: 27.607 ng
RT: 19.304 min Scan# 2757
Delta R.T. -0.000 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:202 Resp: 703034

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	27.7
203	17.3	0.0	37.5



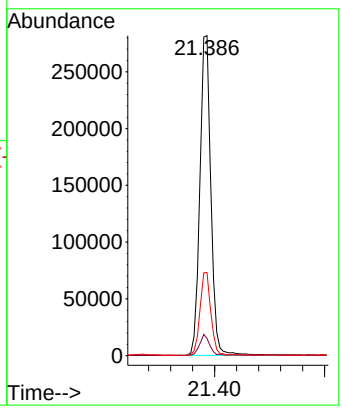


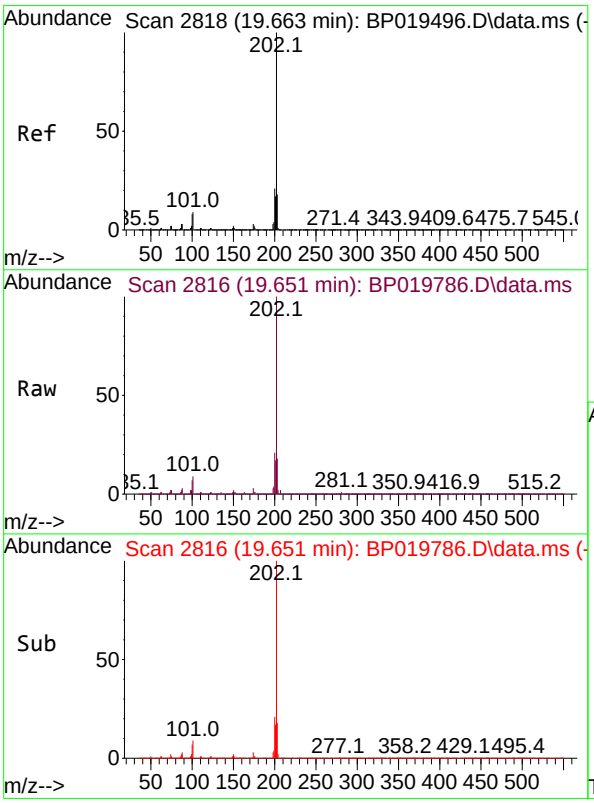
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion:240 Resp: 391919

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.1	9.1#
236	26.0	20.7	31.1

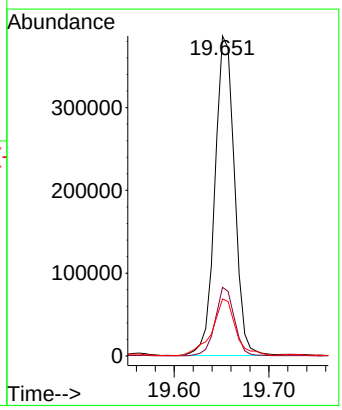


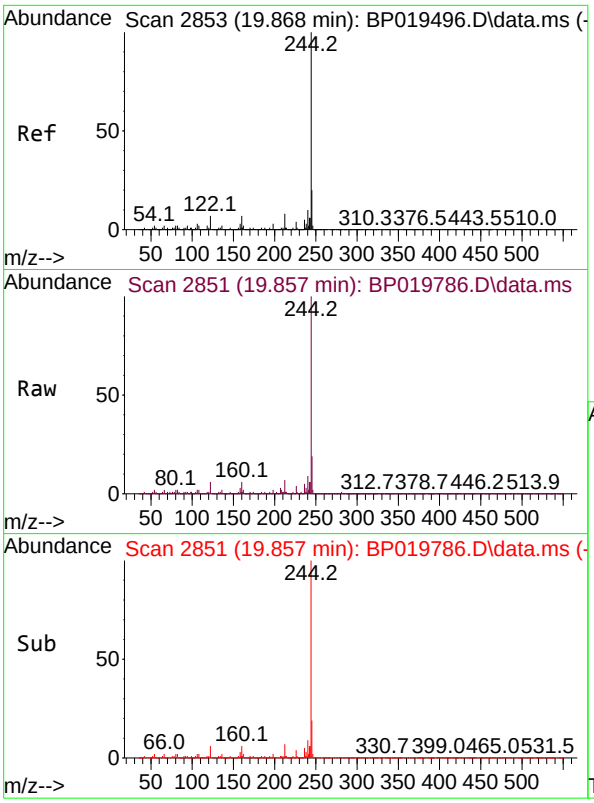


#78
Pyrene
Concen: 20.062 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:202 Resp: 554915

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.8	14.2	21.2



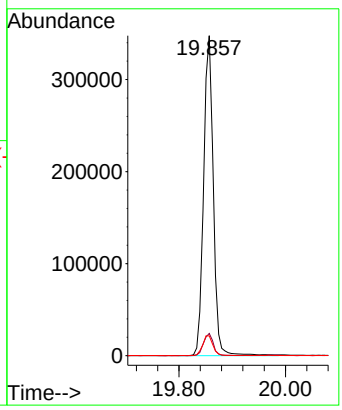


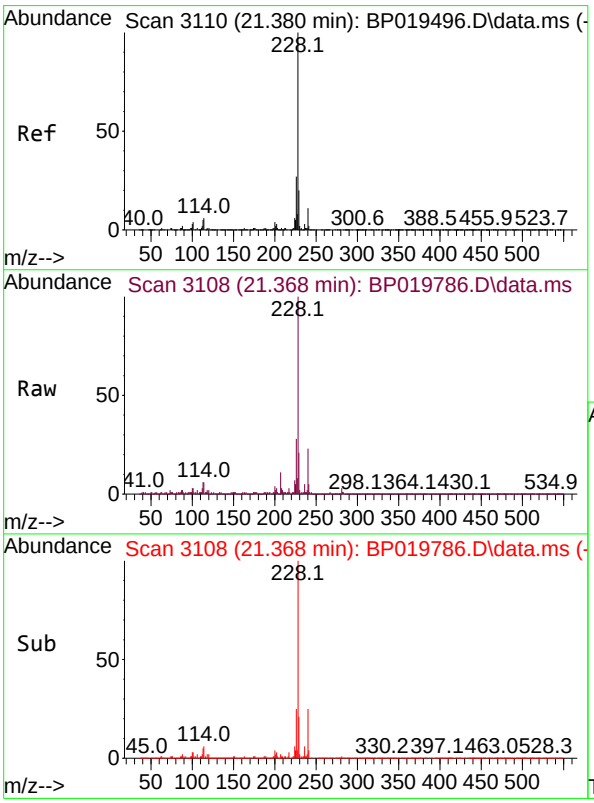
#79
Terphenyl-d14
Concen: 18.384 ng
RT: 19.857 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion:244 Resp: 438122

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	6.2	5.9	8.9

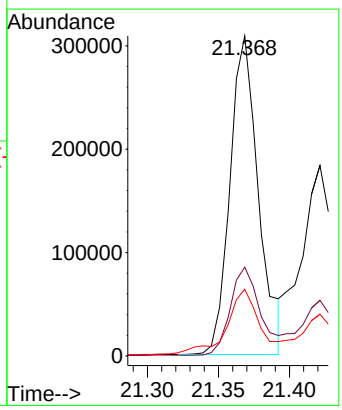


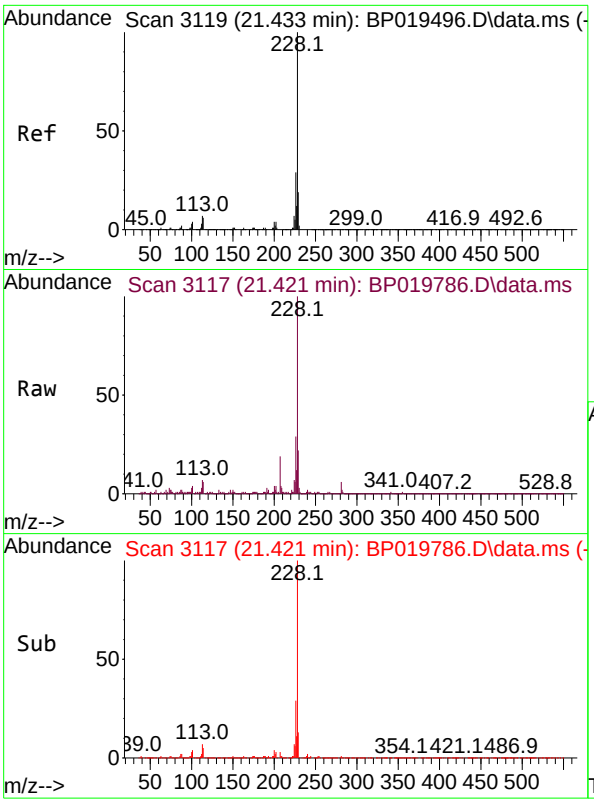


#81
Benzo(a)anthracene
Concen: 15.605 ng
RT: 21.368 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:228 Resp: 430509

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	20.9	15.6	23.4



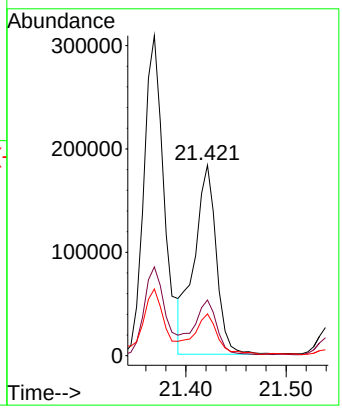


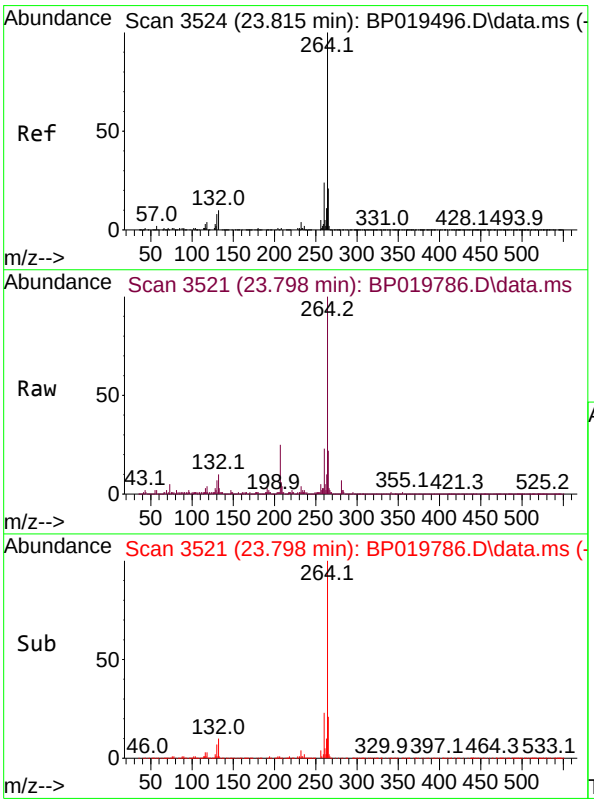
#83
Chrysene
Concen: 10.843 ng
RT: 21.421 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion:228 Resp: 284018

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	21.9	15.6	23.4

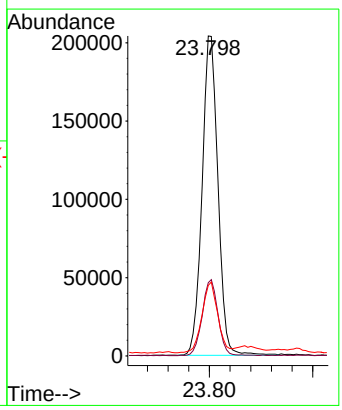


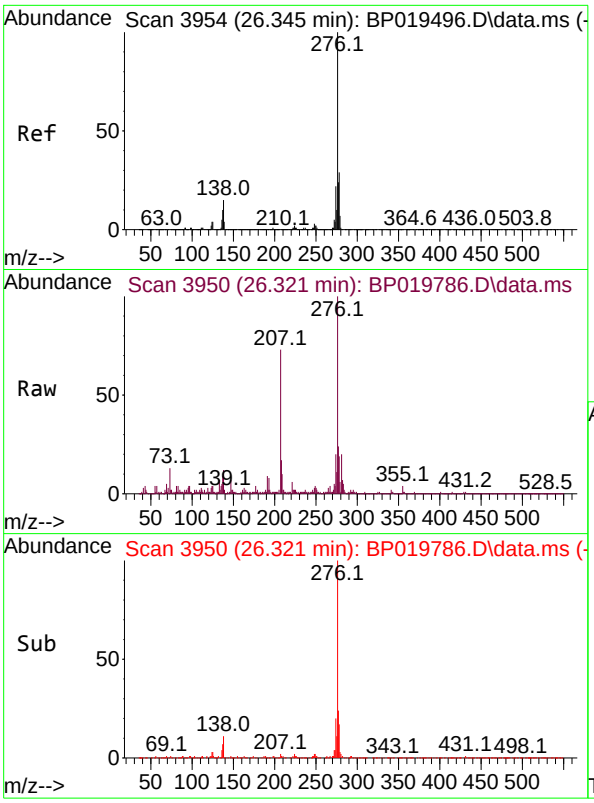


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.798 min Scan# 3521
Delta R.T. -0.012 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:264 Resp: 434284

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.0	17.0	25.4



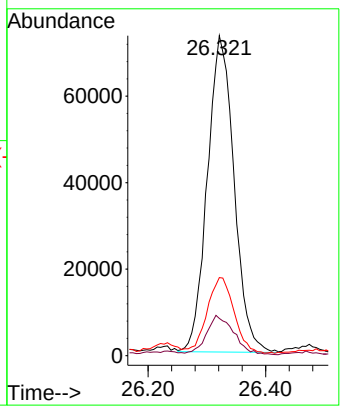


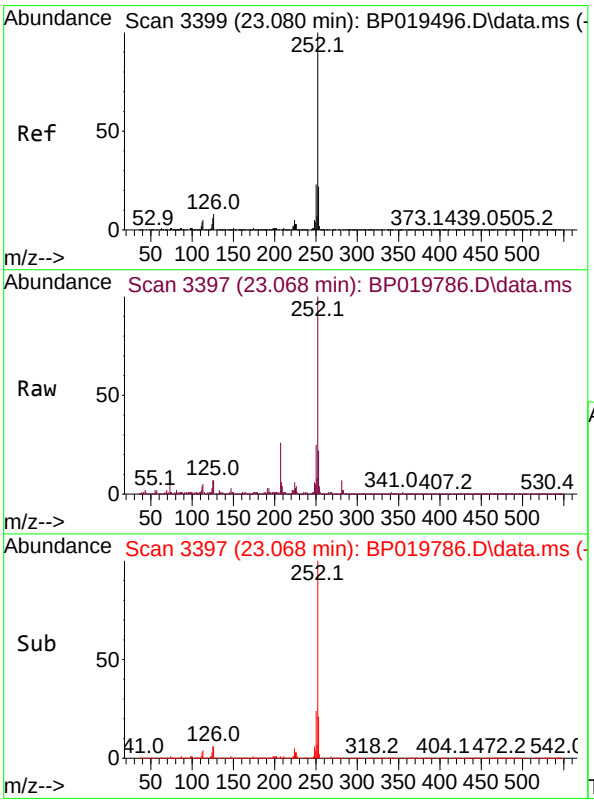
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.948 ng
RT: 26.321 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion:276 Resp: 230965

Ion	Ratio	Lower	Upper
276	100		
138	12.7	13.1	19.7#
277	23.7	20.3	30.5

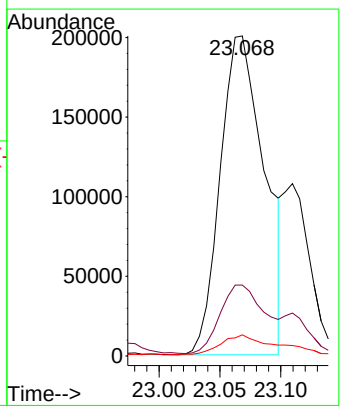


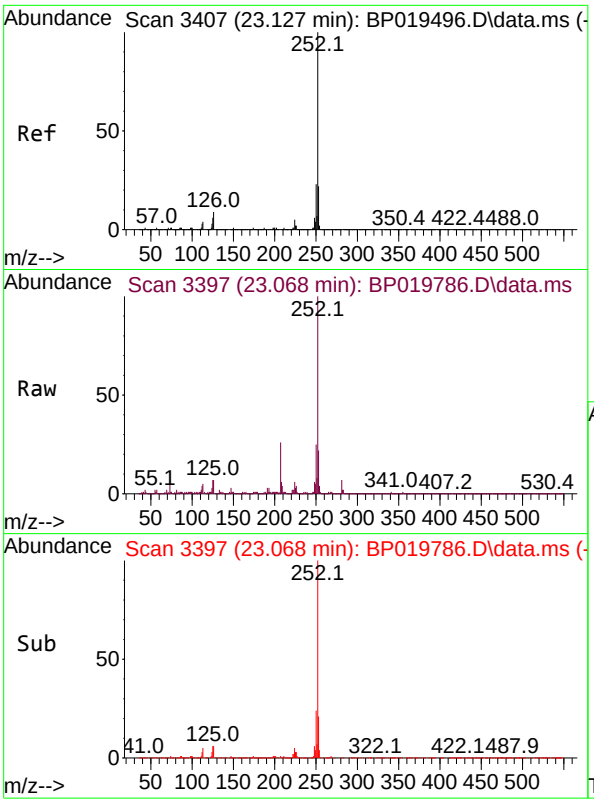


#88
Benzo(b)fluoranthene
Concen: 18.480 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.006 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:252 Resp: 505815

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	6.6	4.9	7.3



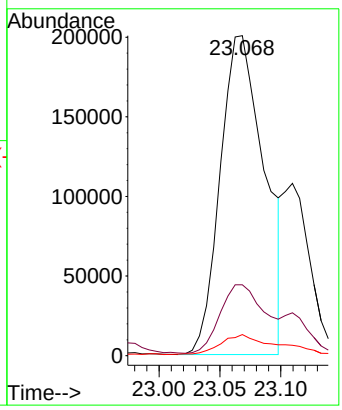


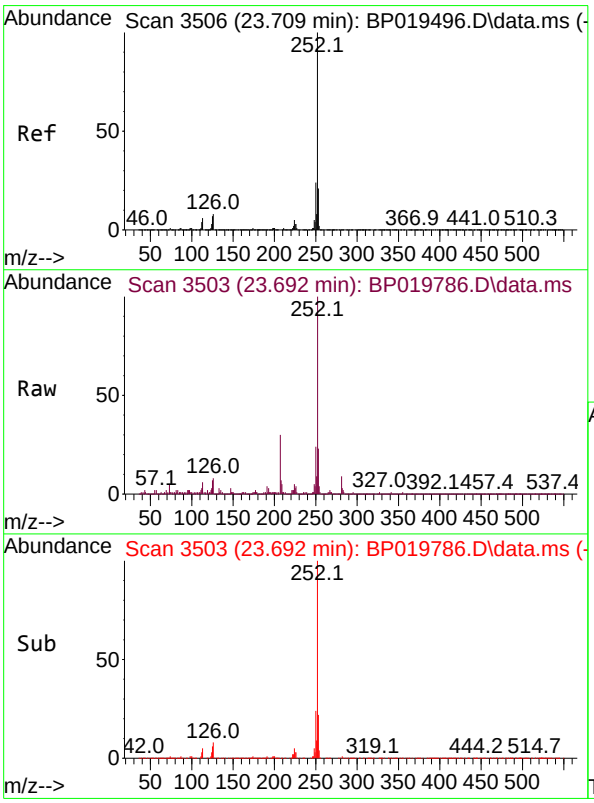
#89
Benzo(k)fluoranthene
Concen: 19.346 ng
RT: 23.068 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion:252 Resp: 505815

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	6.6	5.0	7.6

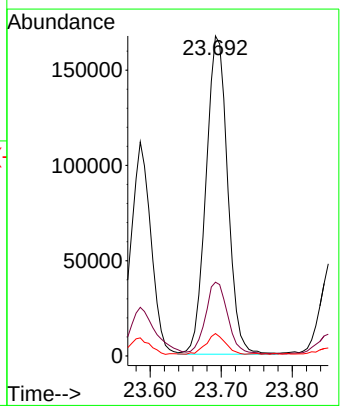


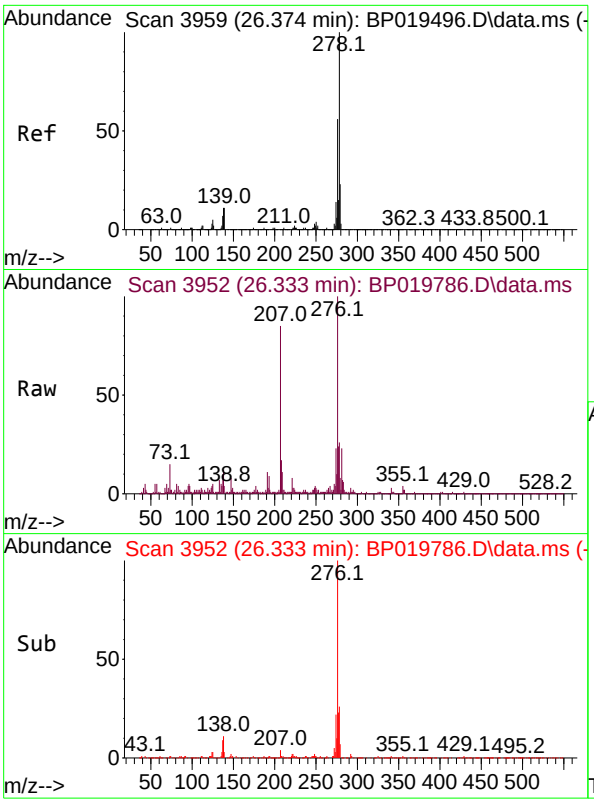


#90
Benzo(a)pyrene
Concen: 14.509 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.012 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:252 Resp: 353360

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	7.0	5.6	8.4



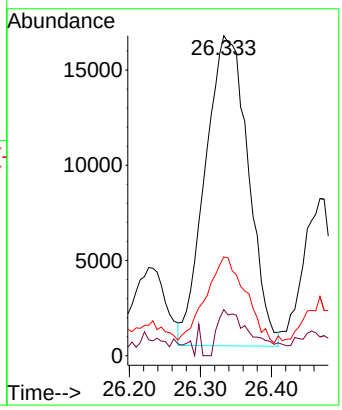


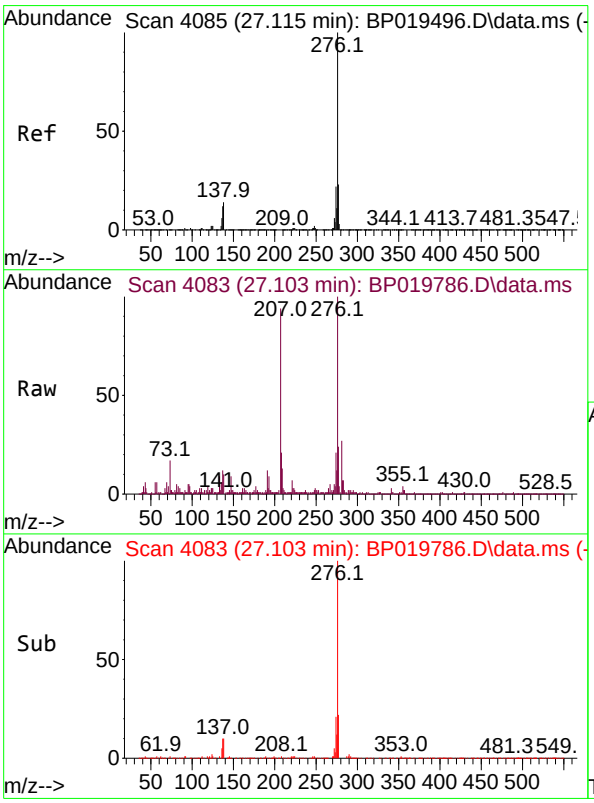
#91
Dibenzo(a,h)anthracene
Concen: 2.505 ng
RT: 26.333 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Instrument :
BNA_P
ClientSampleId :
WC-2DDL

Tgt Ion:278 Resp: 68501

Ion	Ratio	Lower	Upper
278	100		
139	14.4	8.6	12.8#
279	30.9	18.5	27.7#





#92
Benzo(g,h,i)perylene
Concen: 7.094 ng
RT: 27.103 min Scan# 4083
Delta R.T. -0.018 min
Lab File: BP019786.D
Acq: 20 Feb 2024 15:21

Tgt Ion:276 Resp: 196774

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	10.3	10.9	16.3#