Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
Data File : BP019814.D
Acq On : 21 Feb 2024 18:36
Operator : MA/JU
Sample : P1537-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
6

Quant Time: Feb 22 00:15:06 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	74010	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	267008	20.000	ng		0.00
39) Acenaphthene-d10	14.528	164	180002	20.000	ng		-0.01
64) Phenanthrene-d10	17.287	188	411807	20.000	ng		0.00
76) Chrysene-d12	21.380	240	427437	20.000	ng		#-0.01
86) Perylene-d12	23.792	264	487749	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.470	112	369867	80.556	ng		0.00
7) Phenol-d6	7.064	99	478593	77.306	ng		0.00
23) Nitrobenzene-d5	9.063	82	327164	53.094	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	276921	105.367	ng		-0.01
45) 2-Fluorobiphenyl	13.157	172	752007	51.647	ng		0.00
79) Terphenyl-d14	19.851	244	1409252	54.220	ng		-0.01
Target Compounds							Qvalue
49) Acenaphthylene	14.251	152	33560	2.028	ng		98
71) Phenanthrene	17.328	178	204148	9.420	ng		99
72) Anthracene	17.422	178	67010	3.100	ng		100
75) Fluoranthene	19.298	202	408364	15.425	ng		99
78) Pyrene	19.651	202	390243	12.936	ng		99
81) Benzo(a)anthracene	21.363	228	211063	7.015	ng		94
83) Chrysene	21.416	228	199987	7.001	ng		98
87) Indeno(1,2,3-cd)pyrene	26.310	276	122113	3.271	ng	#	96
88) Benzo(b)fluoranthene	23.057	252	258018	8.393	ng		96
89) Benzo(k)fluoranthene	23.098	252	74753m	2.546	ng		
90) Benzo(a)pyrene	23.686	252	180820	6.611	ng	#	93
92) Benzo(g,h,i)perylene	27.080	276	128540	4.126	ng		96

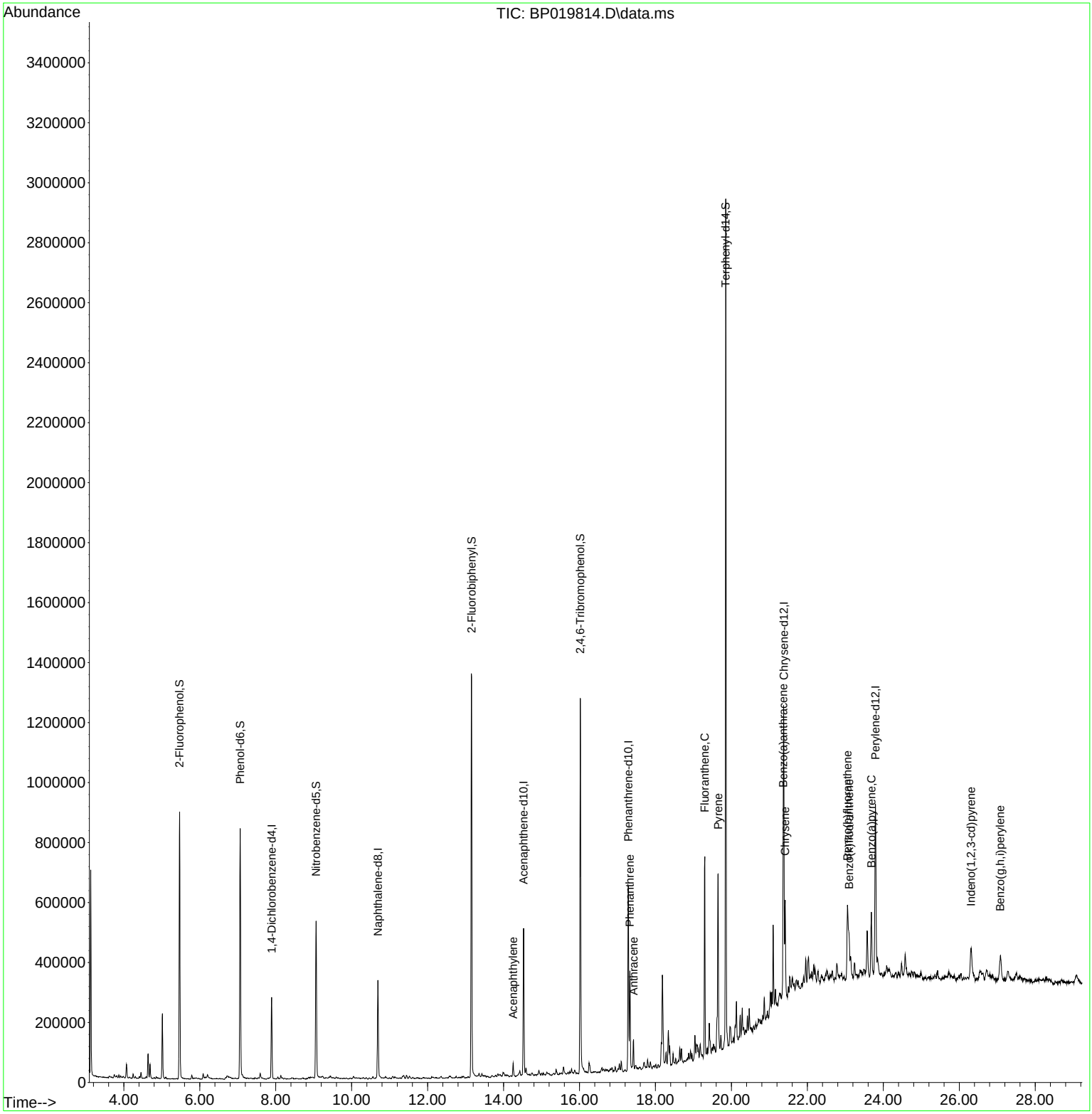
(#) = qualifier out of range (m) = manual integration (+) = signals summed

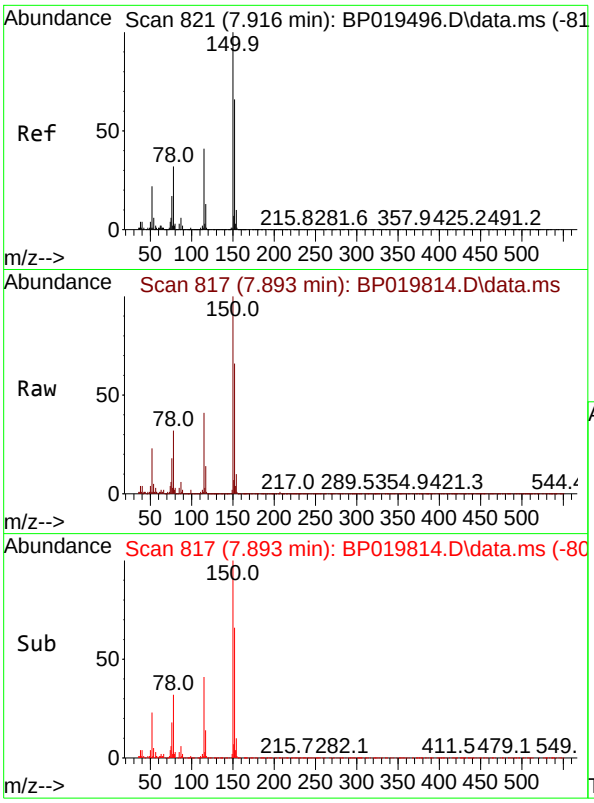
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
Data File : BP019814.D
Acq On : 21 Feb 2024 18:36
Operator : MA/JU
Sample : P1537-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
6

Quant Time: Feb 22 00:15:06 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



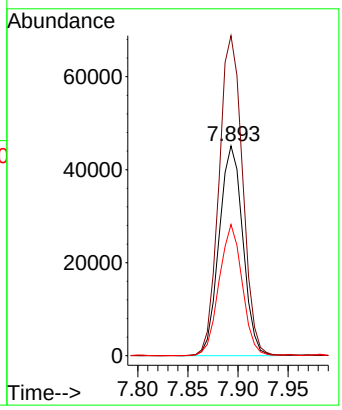


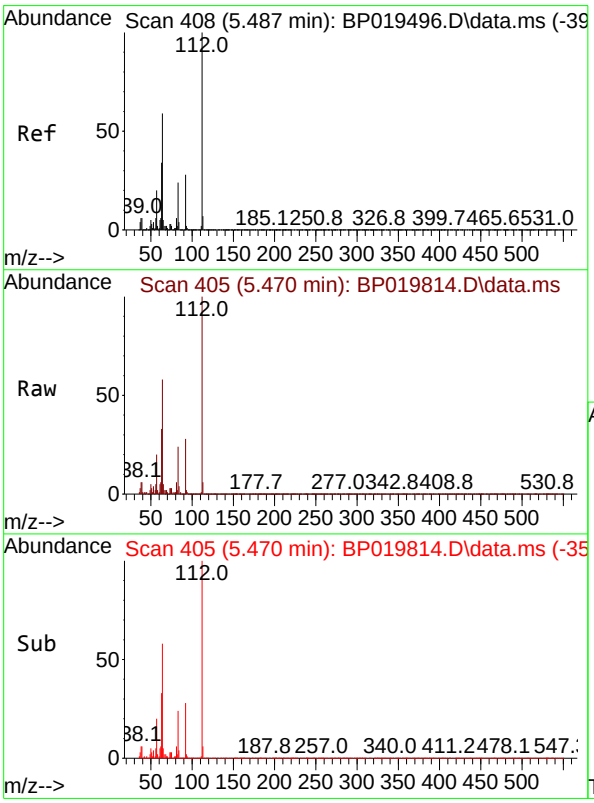
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion:152 Resp: 74010

Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.8	182.8
115	62.5	49.9	74.9

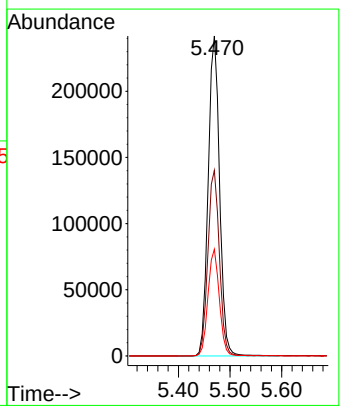


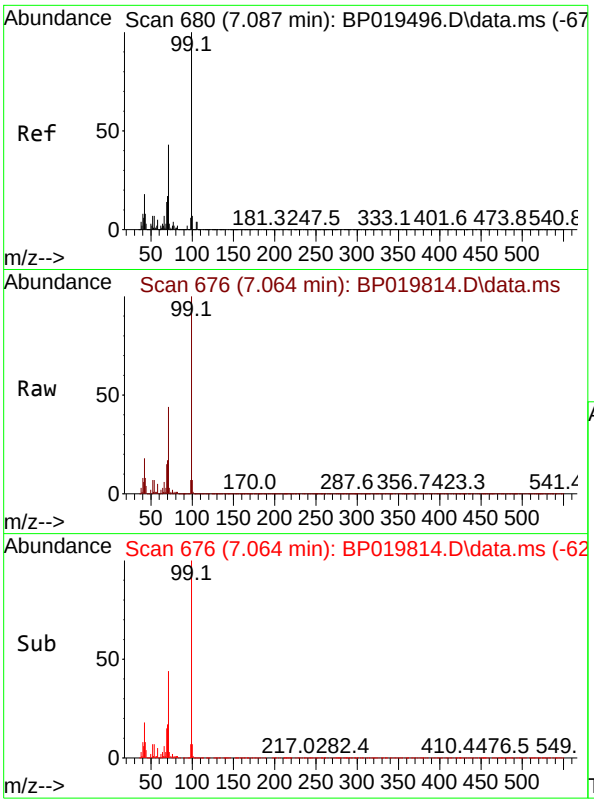


#5
2-Fluorophenol
Concen: 80.556 ng
RT: 5.470 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:112 Resp: 369867

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.4	71.0
63	33.3	27.0	40.6



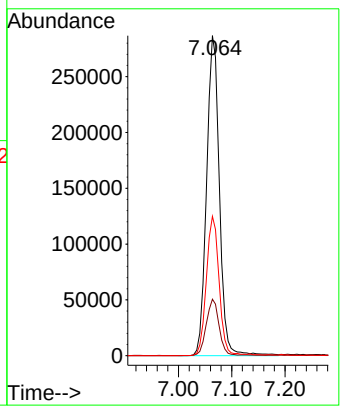


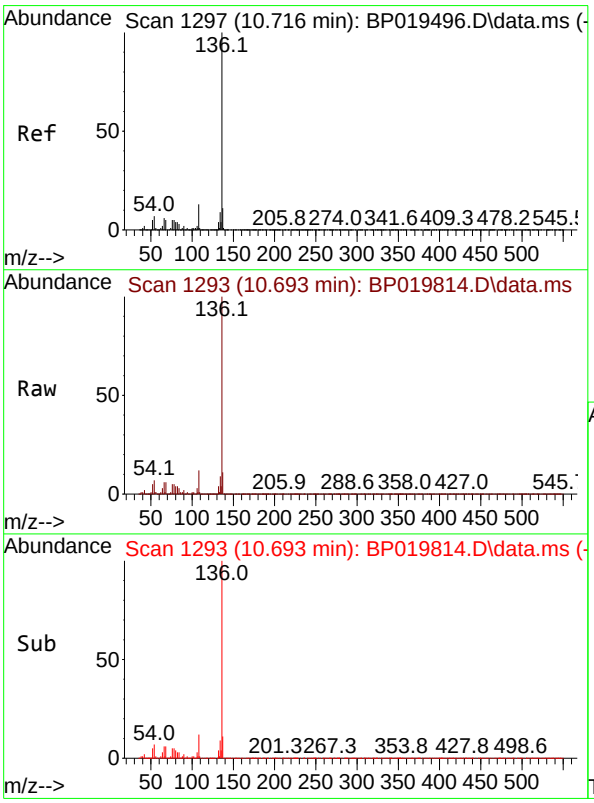
#7
Phenol-d6
Concen: 77.306 ng
RT: 7.064 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion: 99 Resp: 478593

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.7	22.1
71	43.6	34.8	52.2

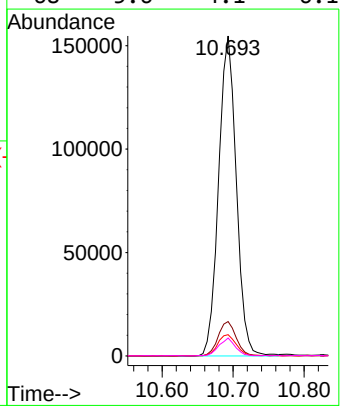


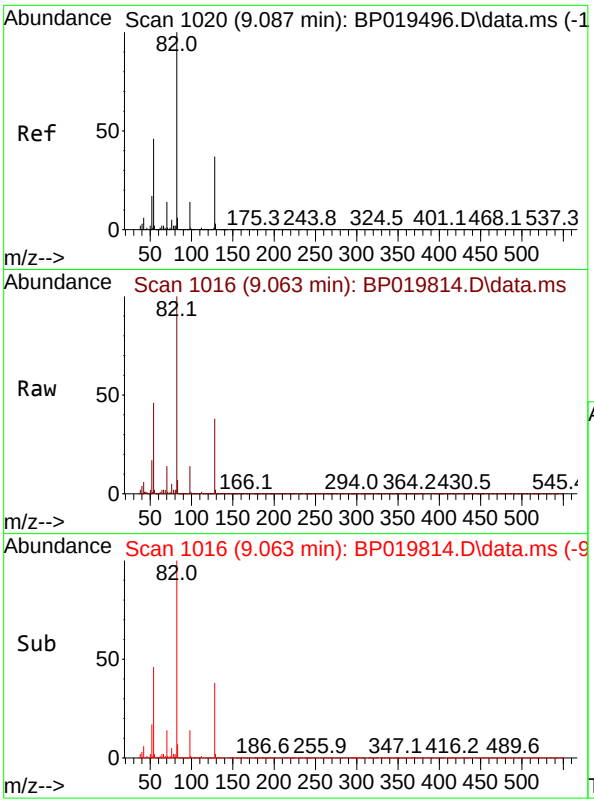


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:136 Resp: 267008

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.3	7.9
68	5.6	4.1	6.1



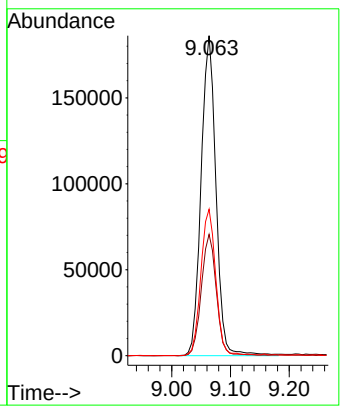


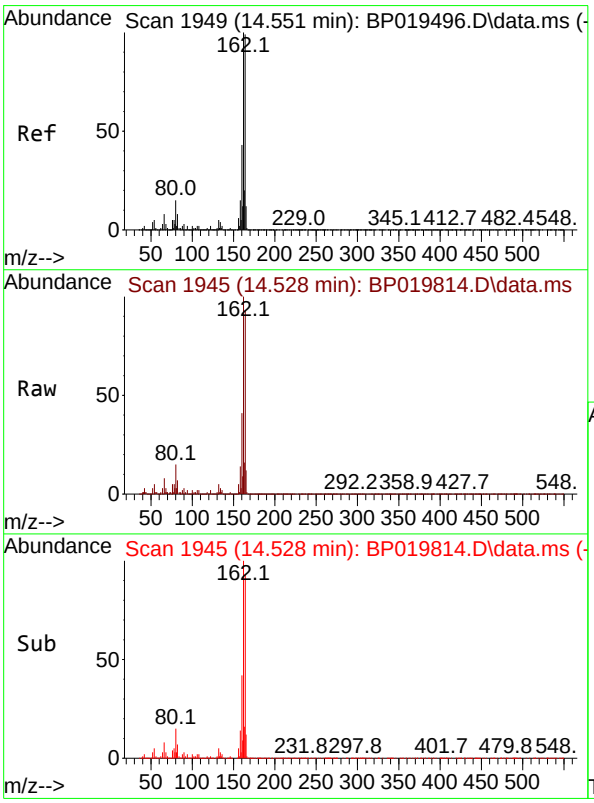
#23
Nitrobenzene-d5
Concen: 53.094 ng
RT: 9.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion: 82 Resp: 327164

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.7	44.5
54	45.7	36.8	55.2

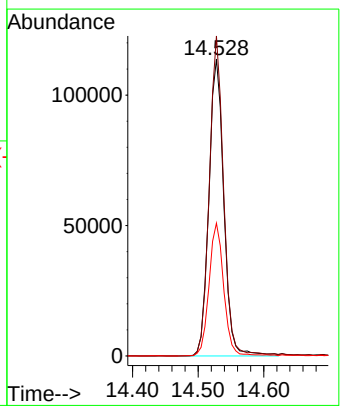


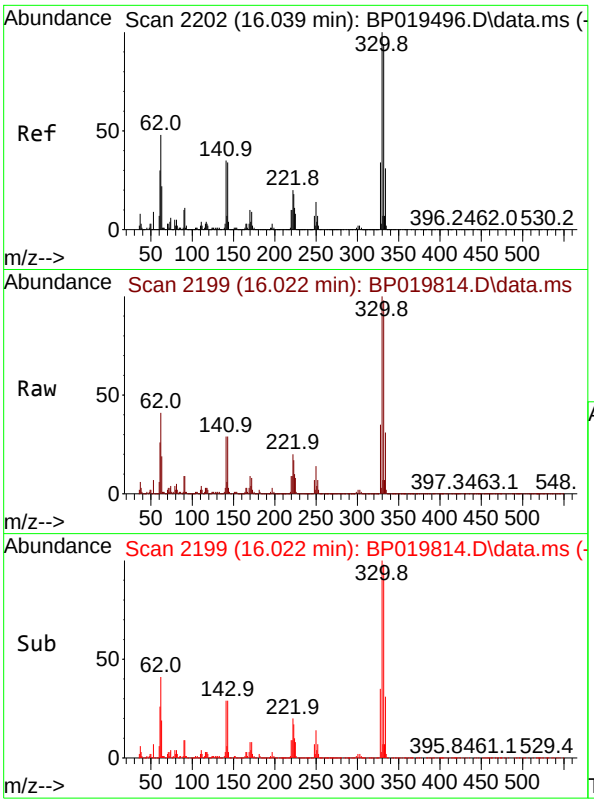


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:164 Resp: 180002

Ion	Ratio	Lower	Upper
164	100		
162	107.8	81.2	121.8
160	44.7	35.1	52.7



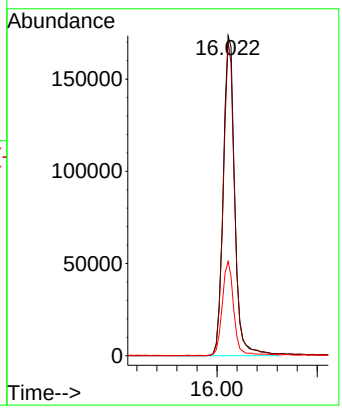


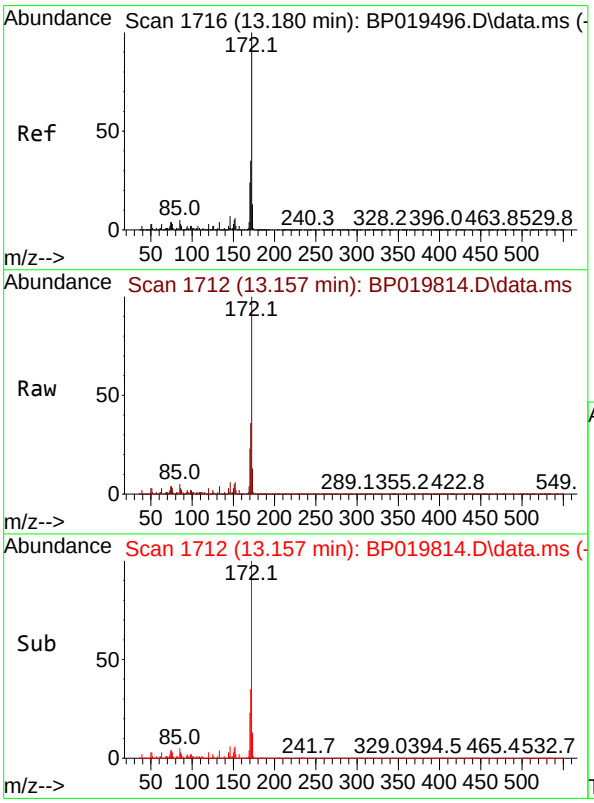
#42
2,4,6-Tribromophenol
Concen: 105.367 ng
RT: 16.022 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion:330 Resp: 276921

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.2	115.8
141	29.0	27.0	40.4

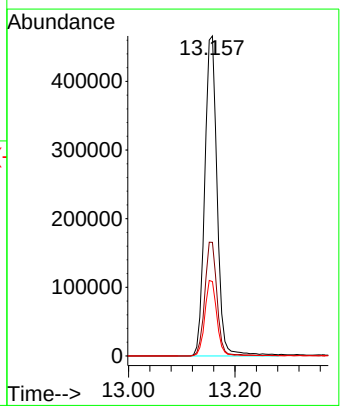


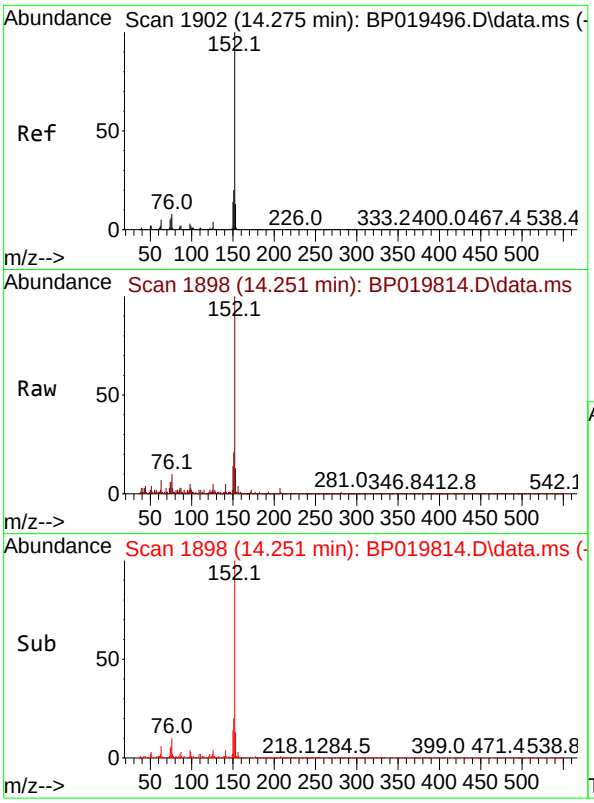


#45
2-Fluorobiphenyl
Concen: 51.647 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:172 Resp: 752007

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.2	18.9	28.3



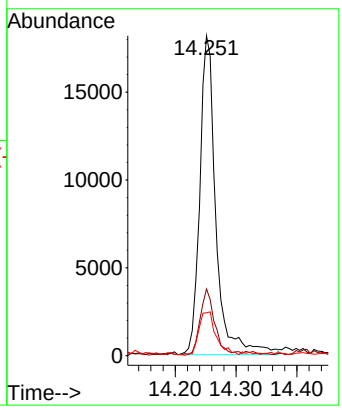


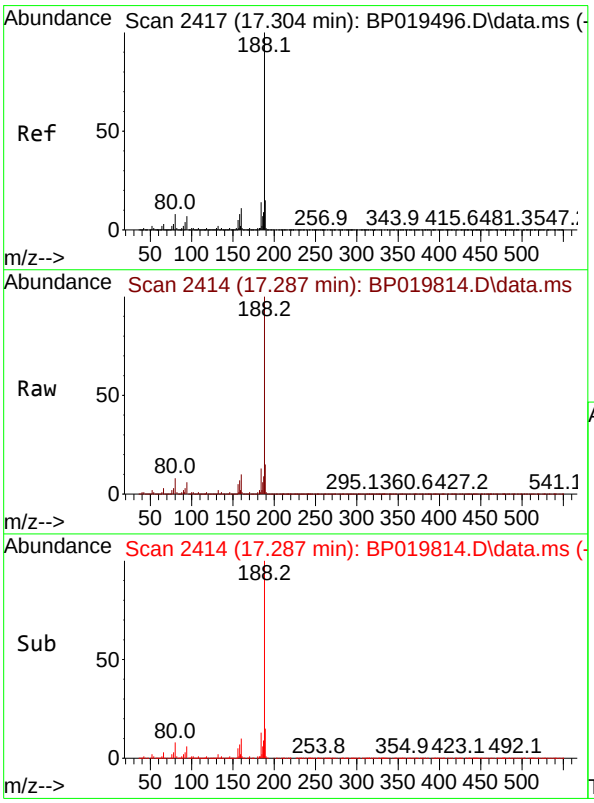
#49
Acenaphthylene
Concen: 2.028 ng
RT: 14.251 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion:152 Resp: 33560

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.6
153	13.4	10.6	15.8

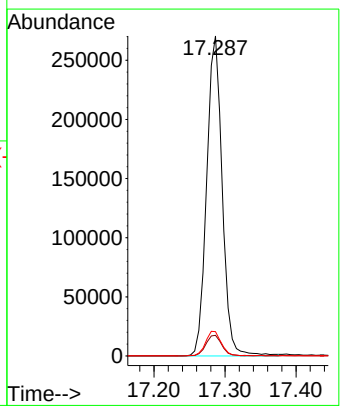


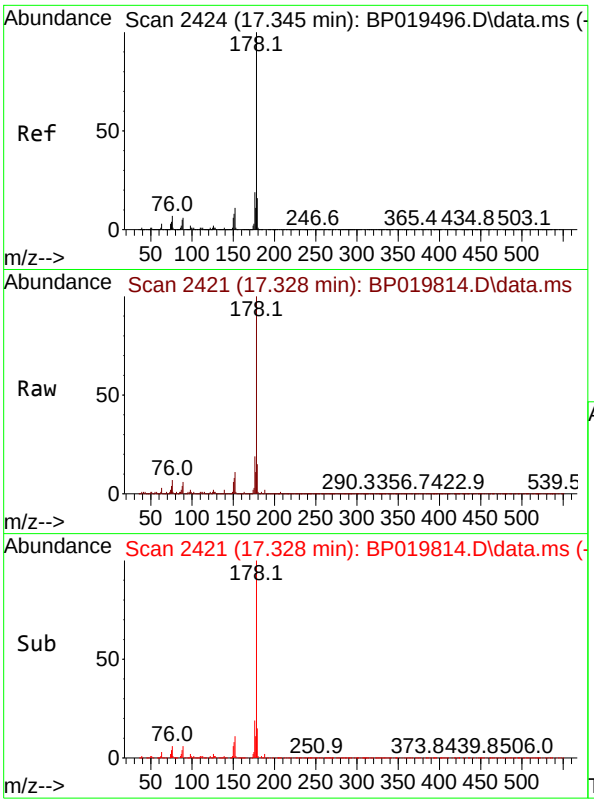


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.287 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:188 Resp: 411807

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.2
80	7.6	6.3	9.5



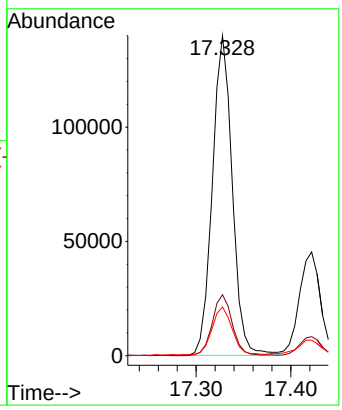


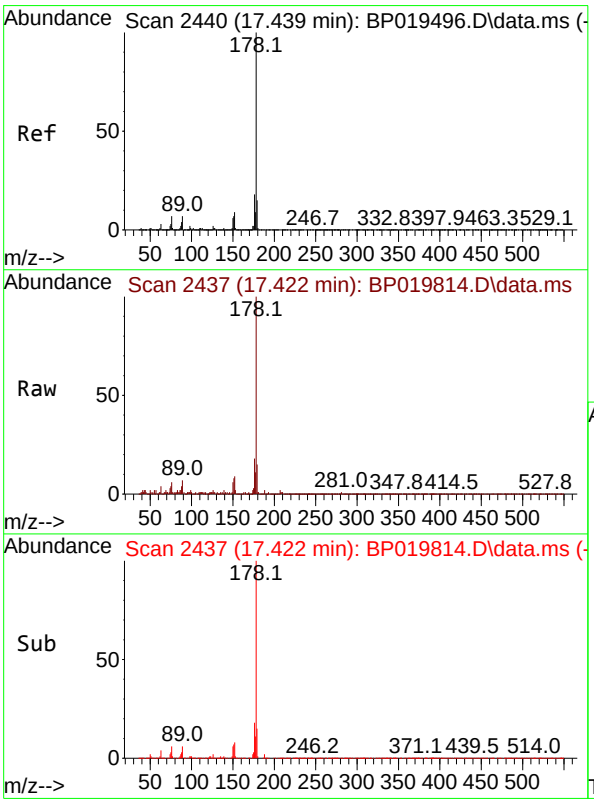
#71
Phenanthrene
Concen: 9.420 ng
RT: 17.328 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion:178 Resp: 204148

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.2	12.6	19.0

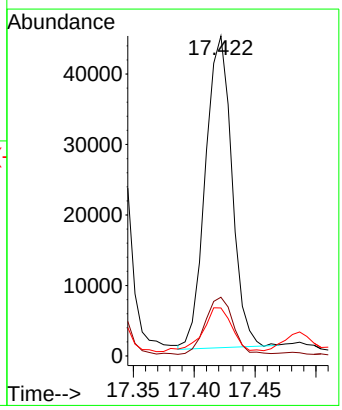


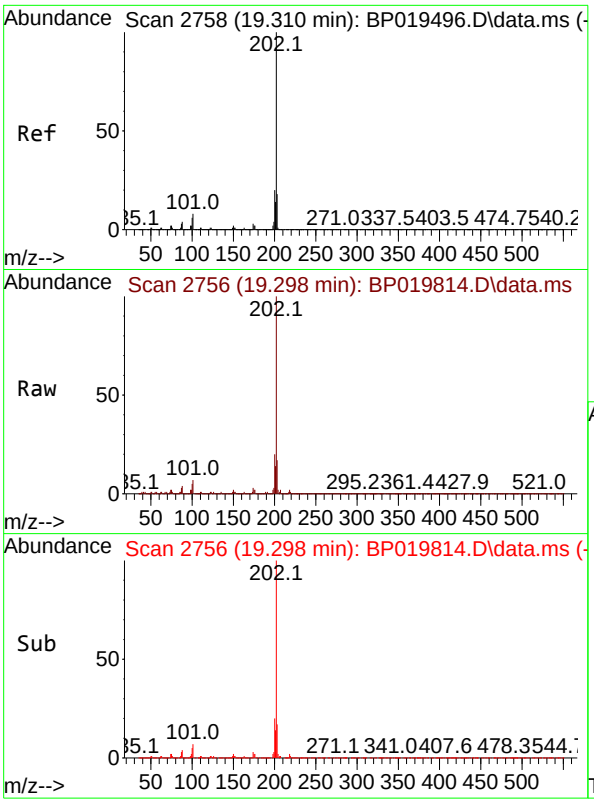


#72
Anthracene
Concen: 3.100 ng
RT: 17.422 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:178 Resp: 67010

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.0	12.2	18.2



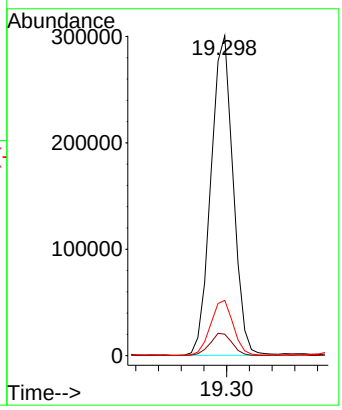


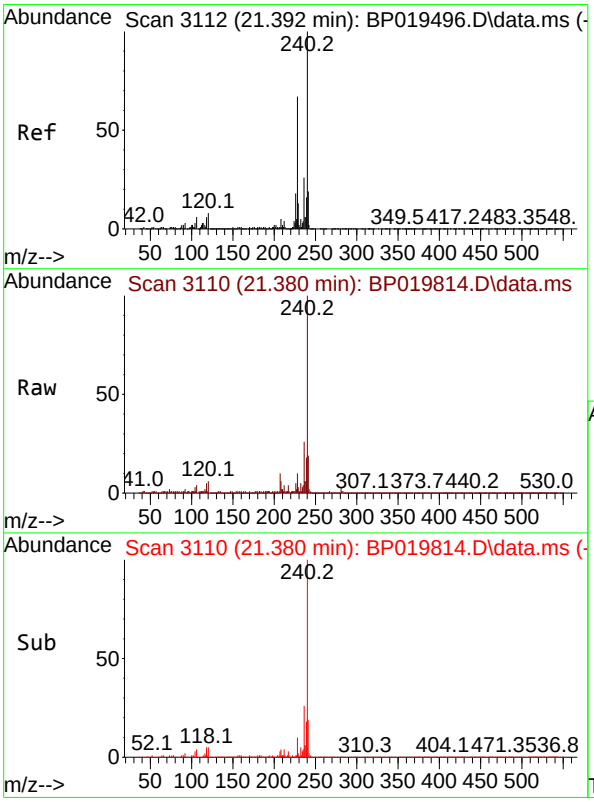
#75
Fluoranthene
Concen: 15.425 ng
RT: 19.298 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion:202 Resp: 408364

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.7
203	17.3	0.0	37.5

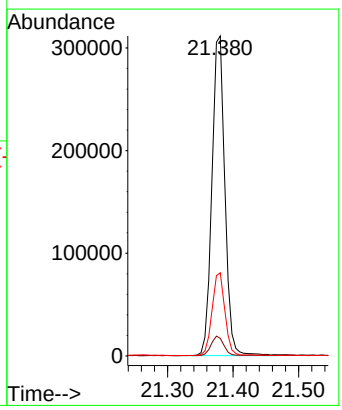


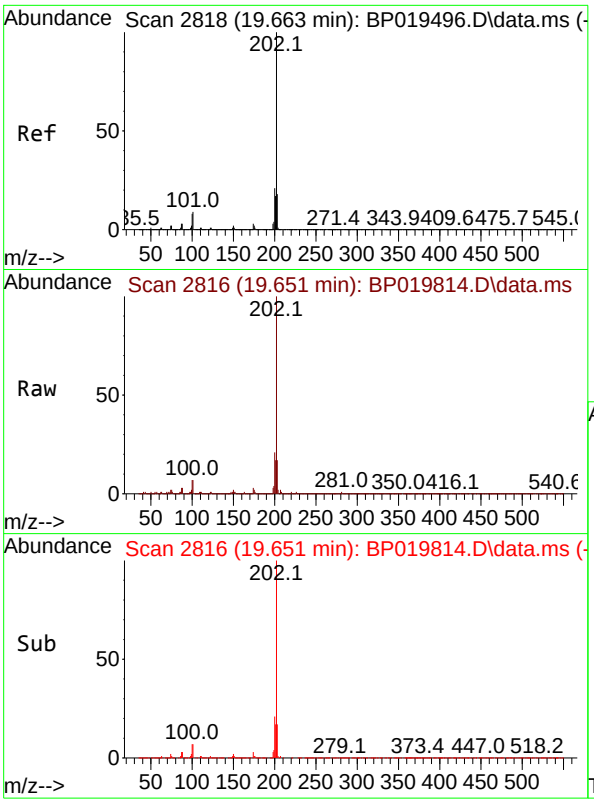


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:240 Resp: 427437

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.1	9.1#
236	26.0	20.7	31.1



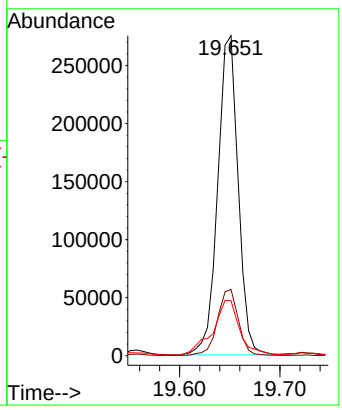


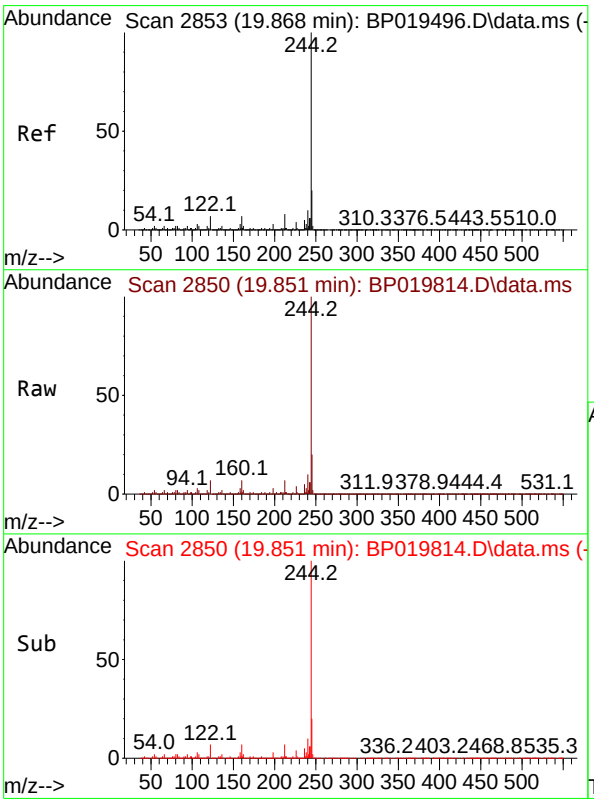
#78
Pyrene
Concen: 12.936 ng
RT: 19.651 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion:202 Resp: 390243

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.1	14.2	21.2

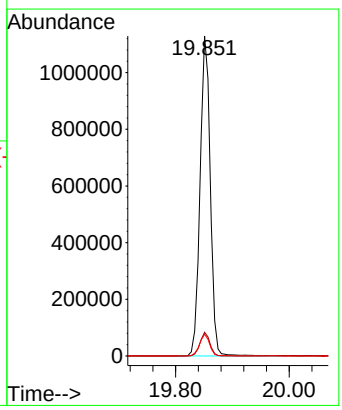


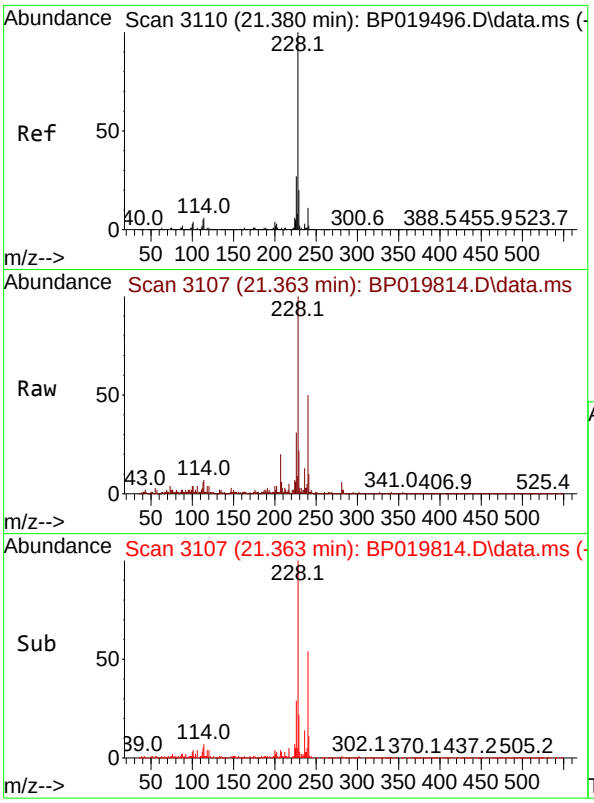


#79
Terphenyl-d14
Concen: 54.220 ng
RT: 19.851 min Scan# 2850
Delta R.T. -0.012 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:244 Resp: 1409252

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.8	5.9	8.9



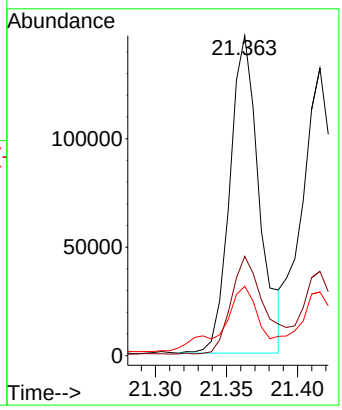


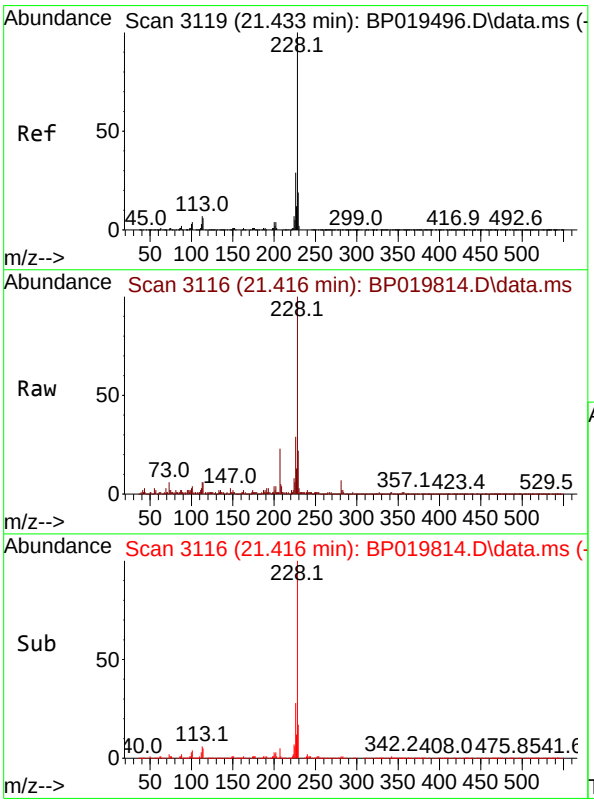
#81
Benzo(a)anthracene
Concen: 7.015 ng
RT: 21.363 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion:228 Resp: 211063

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.7	32.5
229	21.7	15.6	23.4

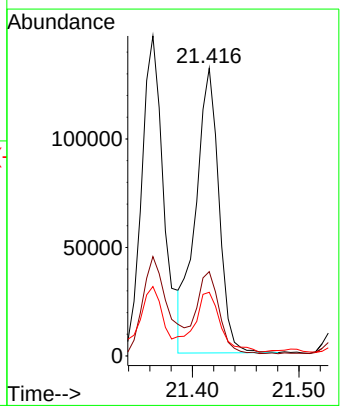


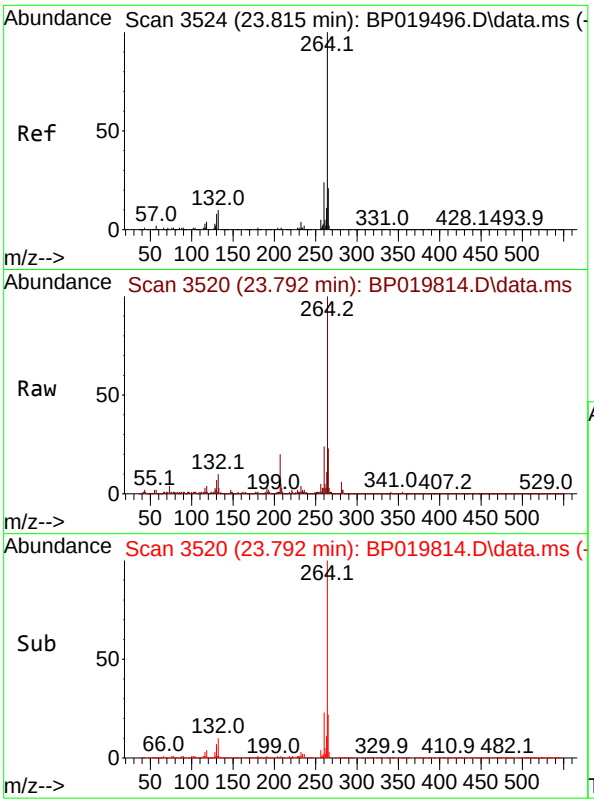


#83
Chrysene
Concen: 7.001 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:228 Resp: 199987

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	22.1	15.6	23.4



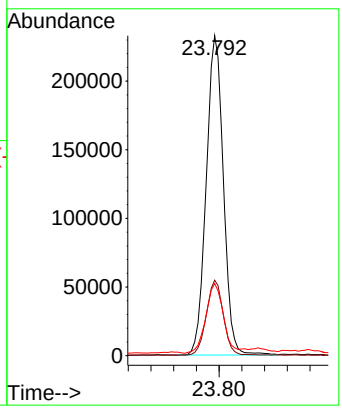


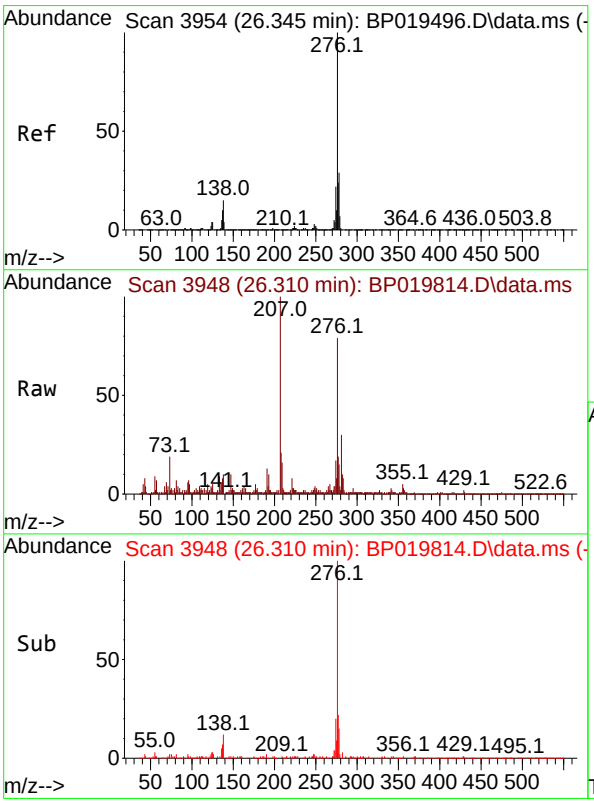
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.792 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion:264 Resp: 487749

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.6	17.0	25.4

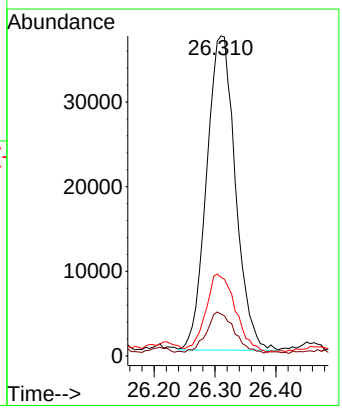


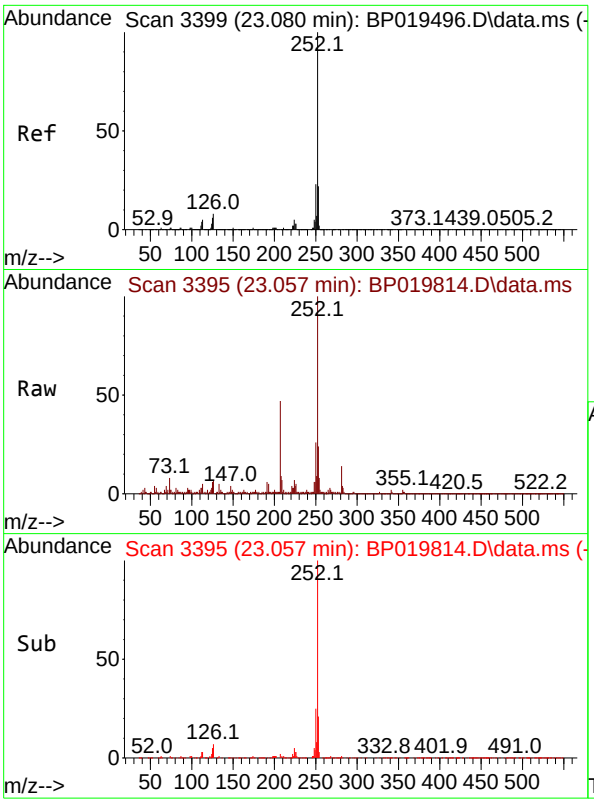


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.271 ng
RT: 26.310 min Scan# 3948
Delta R.T. -0.035 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:276 Resp: 122113

Ion	Ratio	Lower	Upper
276	100		
138	12.7	13.1	19.7#
277	25.9	20.3	30.5



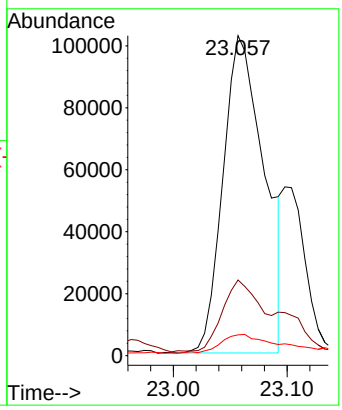


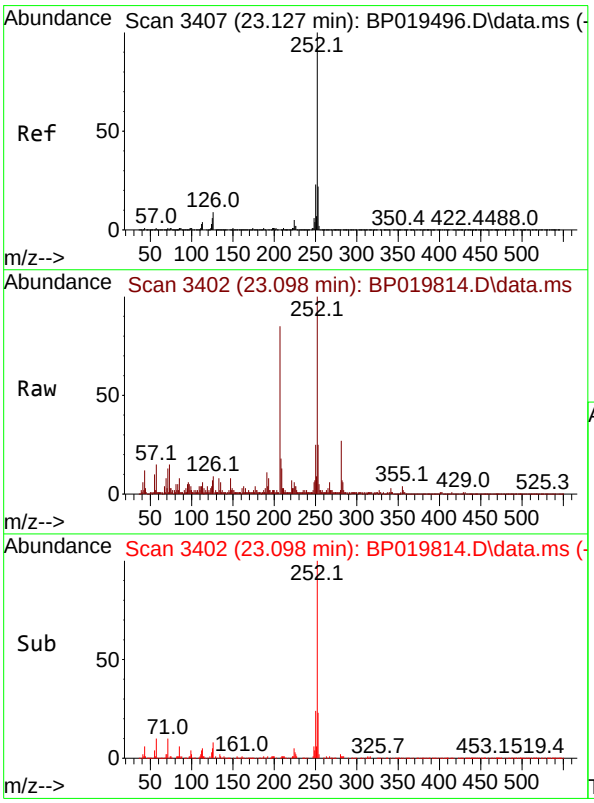
#88
Benzo(b)fluoranthene
Concen: 8.393 ng
RT: 23.057 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion:252 Resp: 258018

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	6.5	4.9	7.3

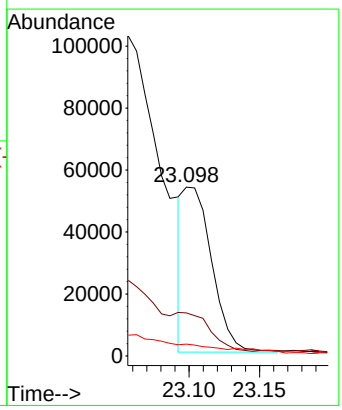


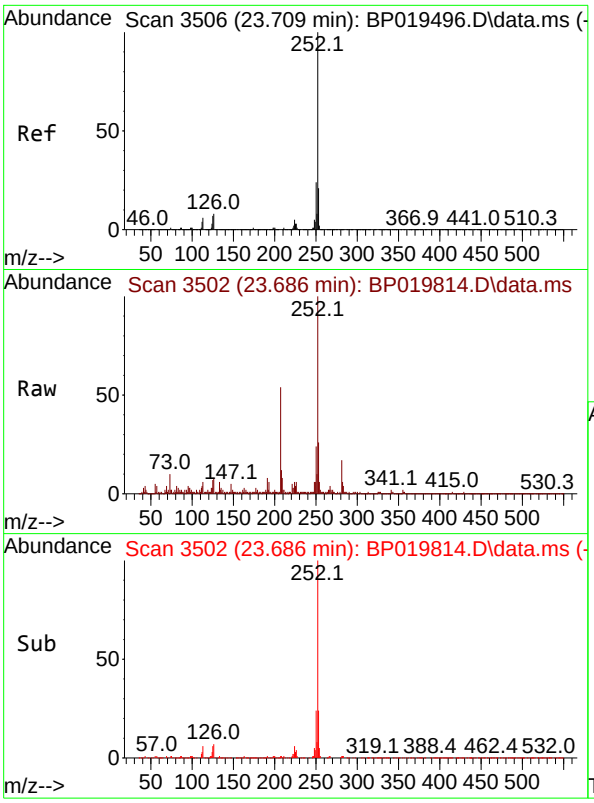


#89
Benzo(k)fluoranthene
Concen: 2.546 ng m
RT: 23.098 min Scan# 3402
Delta R.T. -0.023 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:252 Resp: 74753

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	7.0	5.0	7.6



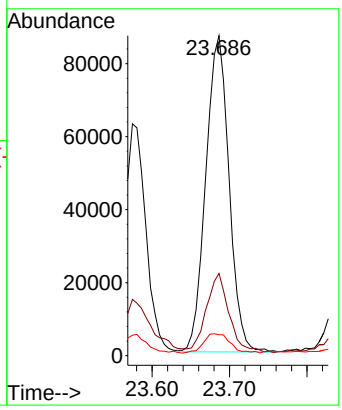


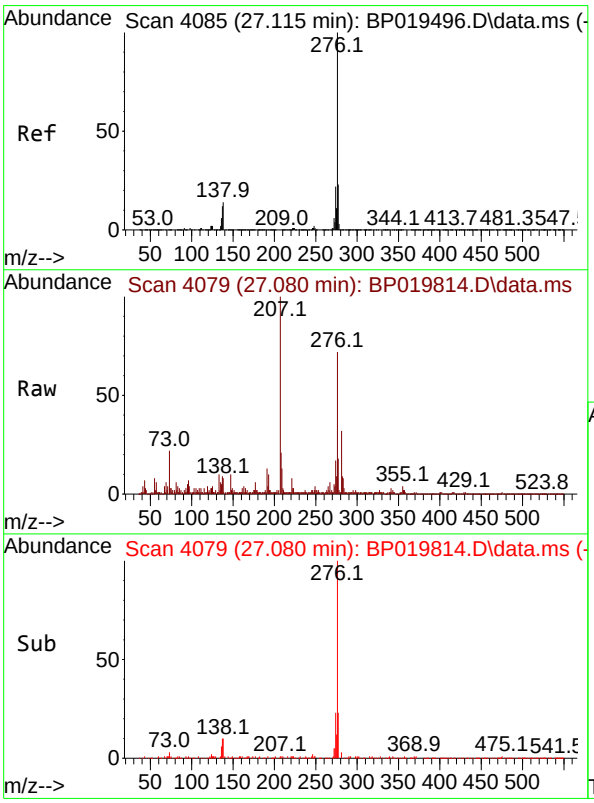
#90
Benzo(a)pyrene
Concen: 6.611 ng
RT: 23.686 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Instrument :
BNA_P
ClientSampleId :
6

Tgt Ion:252 Resp: 180820

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.1	25.7#
125	6.6	5.6	8.4





#92
Benzo(g,h,i)perylene
Concen: 4.126 ng
RT: 27.080 min Scan# 4079
Delta R.T. -0.041 min
Lab File: BP019814.D
Acq: 21 Feb 2024 18:36

Tgt Ion:276 Resp: 128540

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	11.5	10.9	16.3