Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
Data File : BP019815.D
Acq On : 21 Feb 2024 19:10
Operator : MA/JU
Sample : P1537-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7

Quant Time: Feb 22 00:15:29 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	81437	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	314676	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	221023	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	508275	20.000	ng	0.00
76) Chrysene-d12	21.380	240	514957	20.000	ng	#-0.01
86) Perylene-d12	23.792	264	578836	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	430450	85.201	ng	0.00
7) Phenol-d6	7.063	99	550157	80.761	ng	0.00
23) Nitrobenzene-d5	9.063	82	394175	54.279	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	353741	109.616	ng	-0.01
45) 2-Fluorobiphenyl	13.157	172	959222	53.651	ng	0.00
79) Terphenyl-d14	19.851	244	1876233	59.919	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.328	178	65122	2.435	ng	98
75) Fluoranthene	19.298	202	192590	5.894	ng	100
78) Pyrene	19.645	202	190303	5.236	ng	99
81) Benzo(a)anthracene	21.363	228	108173	2.984	ng	97
83) Chrysene	21.416	228	105393	3.062	ng	98
88) Benzo(b)fluoranthene	23.057	252	134179	3.678	ng	96
90) Benzo(a)pyrene	23.686	252	94225	2.903	ng	94

(#) = 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 : BP019815.D
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Misc :
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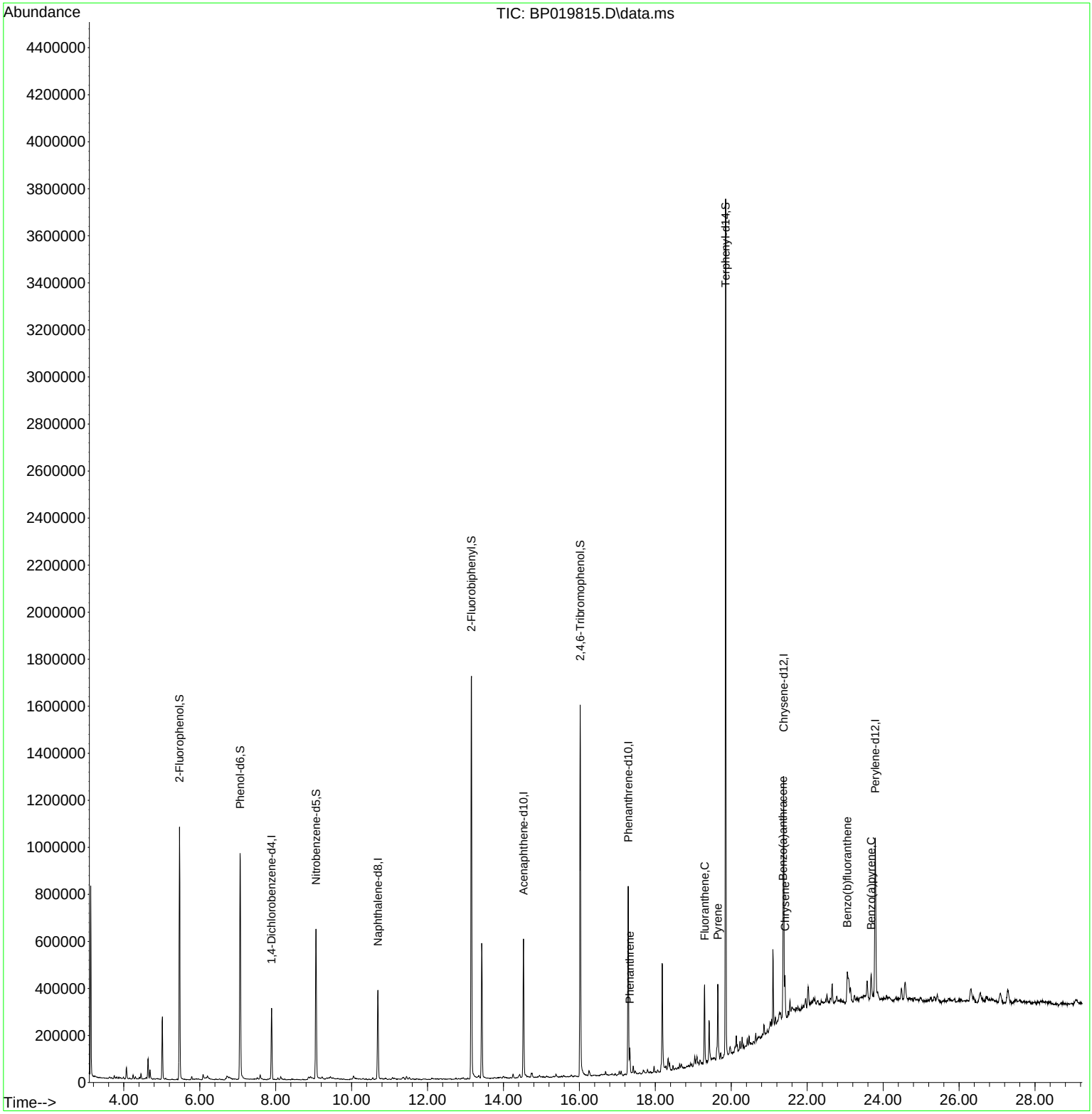
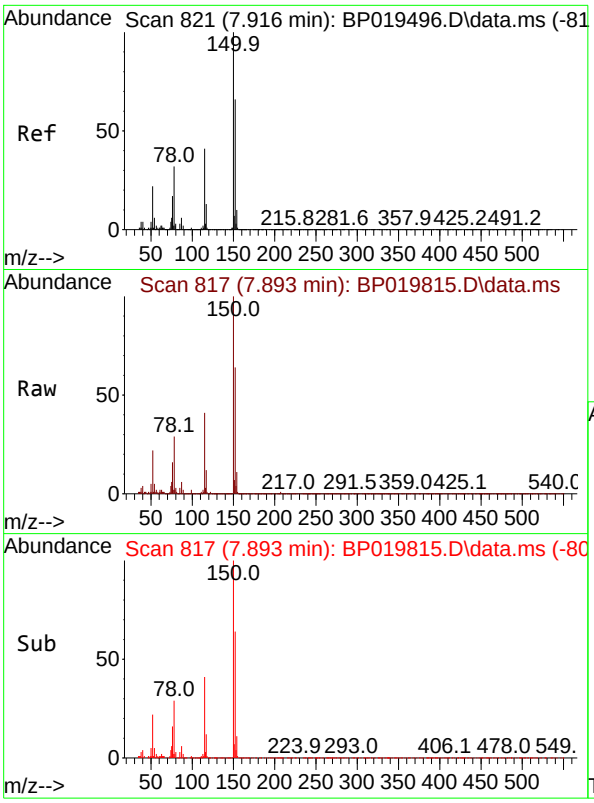


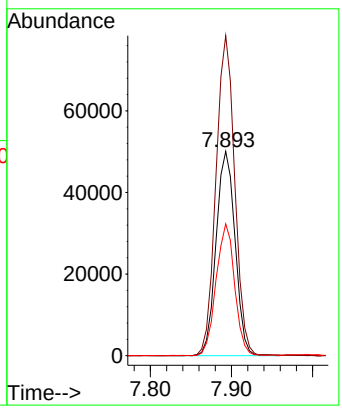


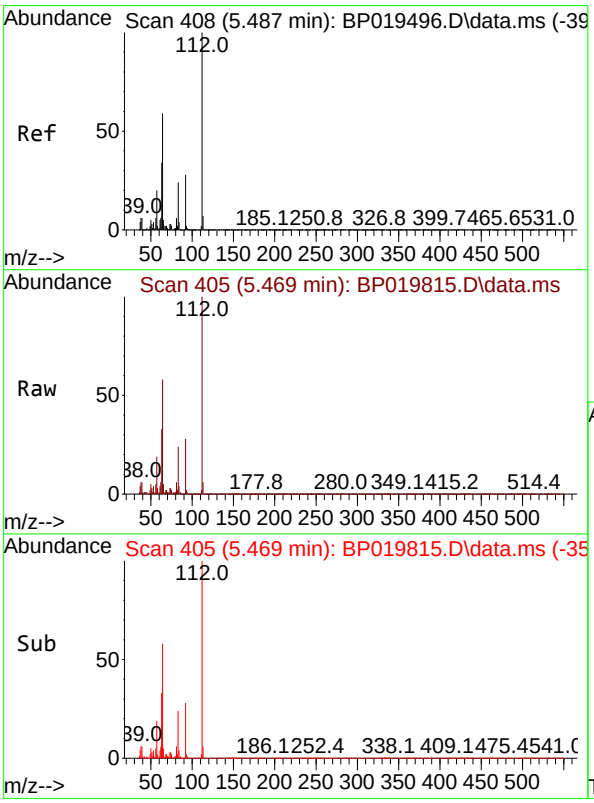
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Instrument :
BNA_P
ClientSampleId :
7

Tgt Ion:152 Resp: 81437

Ion	Ratio	Lower	Upper
152	100		
150	156.7	121.8	182.8
115	64.6	49.9	74.9

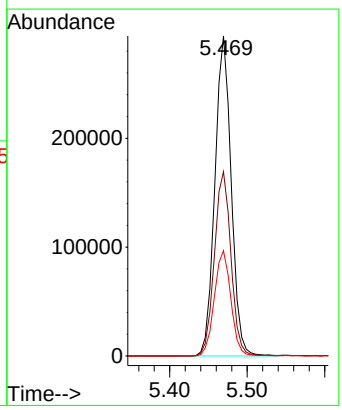


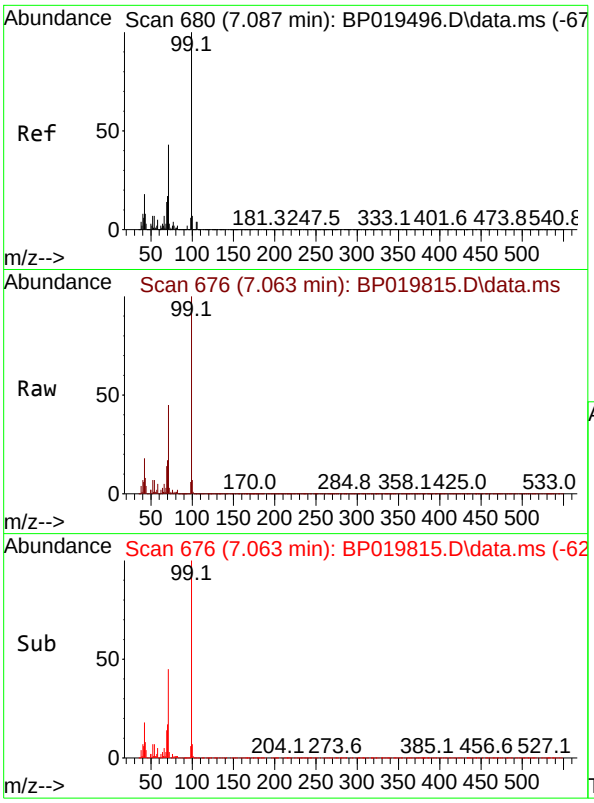


#5
2-Fluorophenol
Concen: 85.201 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Tgt Ion:112 Resp: 430450

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.4	71.0
63	32.9	27.0	40.6



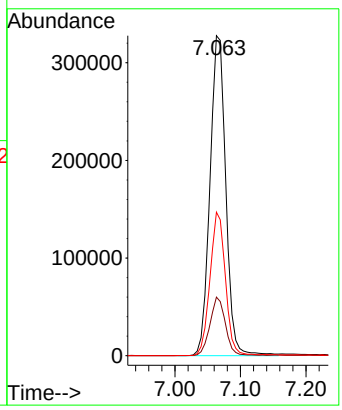


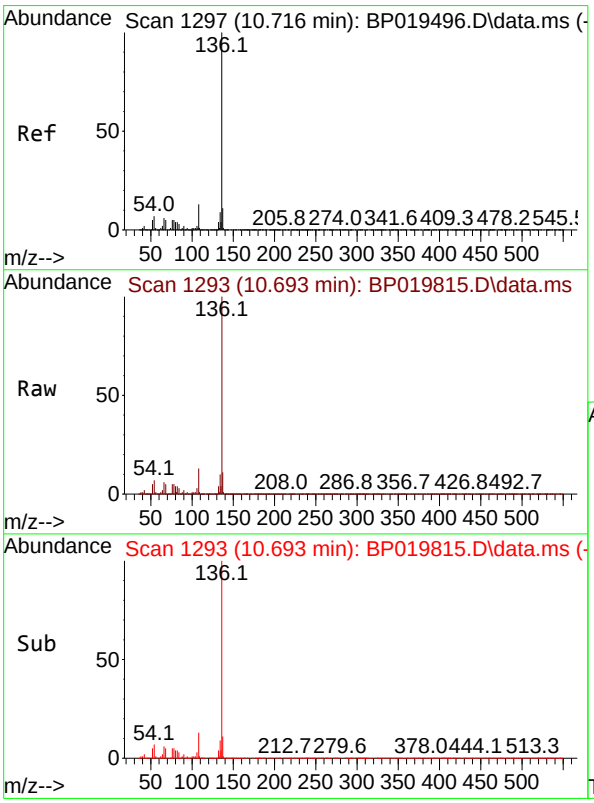
#7
Phenol-d6
Concen: 80.761 ng
RT: 7.063 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Instrument :
BNA_P
ClientSampleId :
7

Tgt Ion: 99 Resp: 550157

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.7	22.1
71	44.9	34.8	52.2

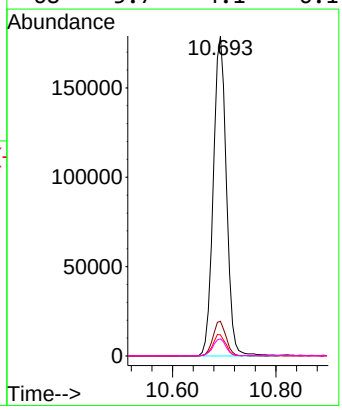


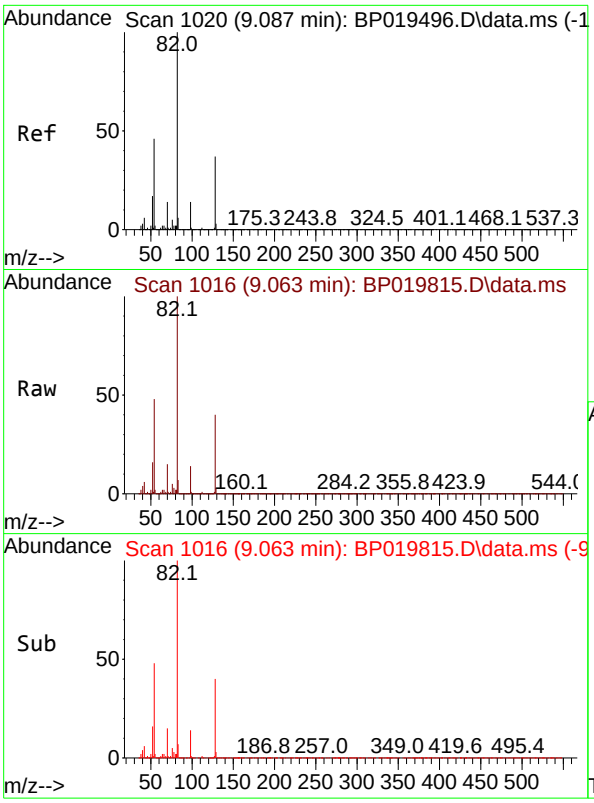


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Tgt Ion:136 Resp: 314676

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.6	5.3	7.9
68	5.7	4.1	6.1



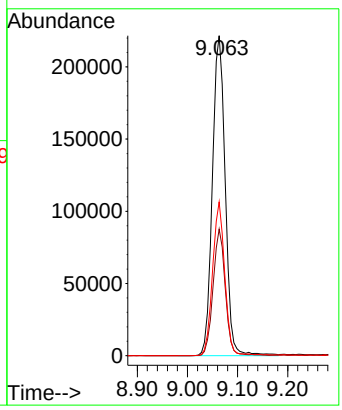


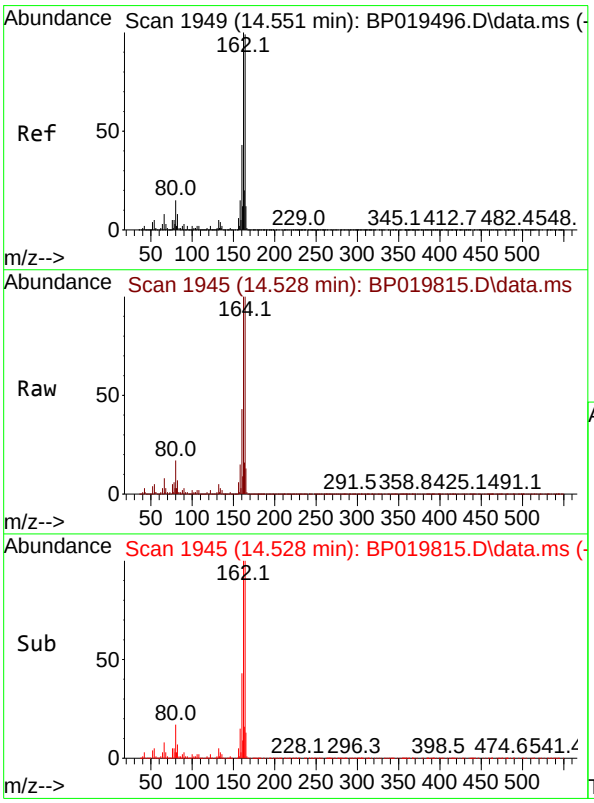
#23
Nitrobenzene-d5
Concen: 54.279 ng
RT: 9.063 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Instrument :
BNA_P
ClientSampleId :
7

Tgt Ion: 82 Resp: 394175

Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.7	44.5
54	48.1	36.8	55.2

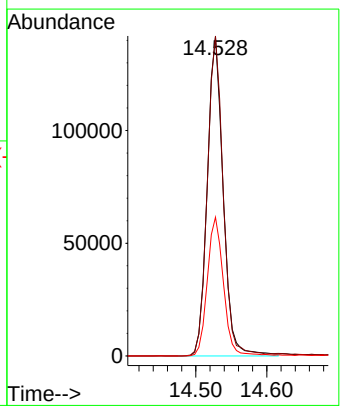


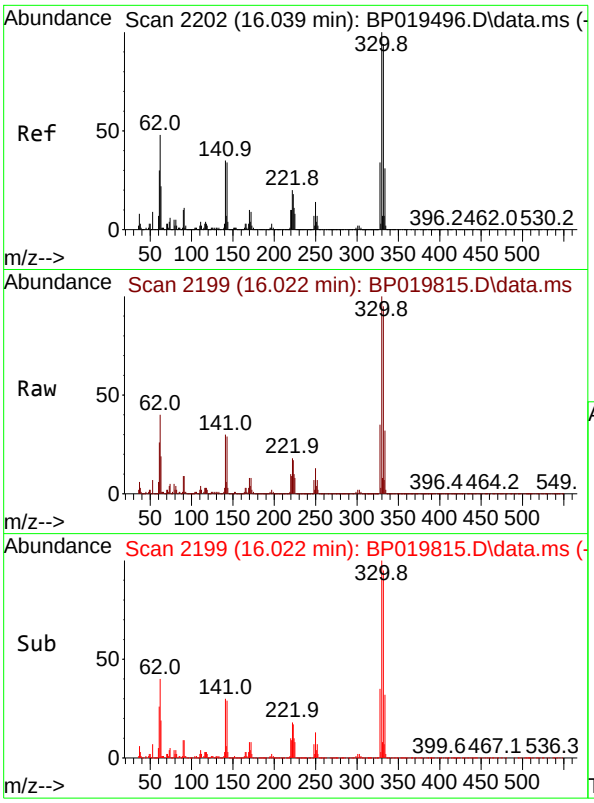


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Tgt Ion:164 Resp: 221023

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.2	121.8
160	43.4	35.1	52.7



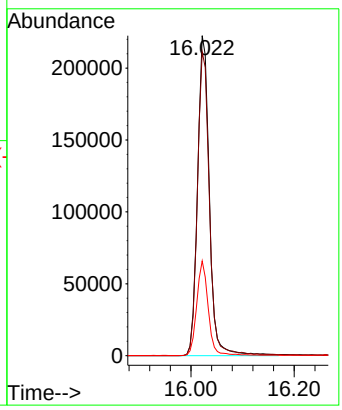


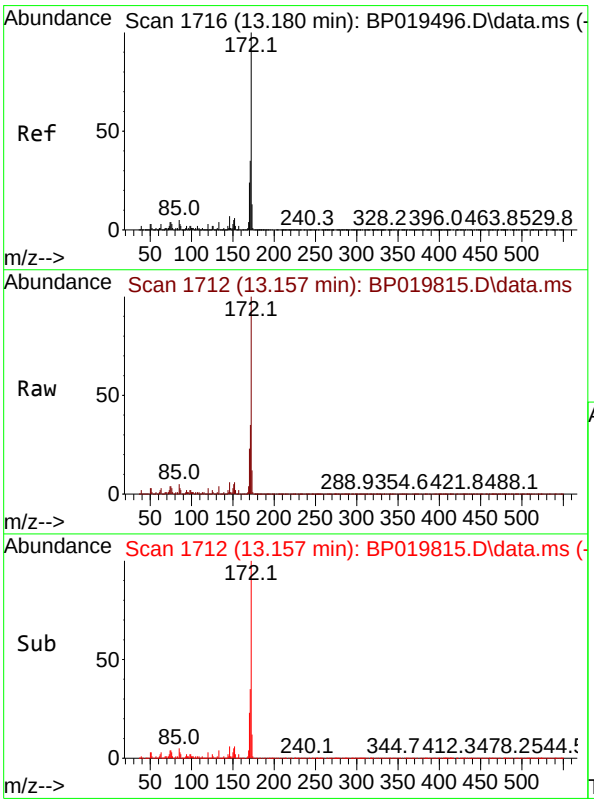
#42
2,4,6-Tribromophenol
Concen: 109.616 ng
RT: 16.022 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Instrument :
BNA_P
ClientSampleId :
7

Tgt Ion:330 Resp: 353741

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	28.7	27.0	40.4

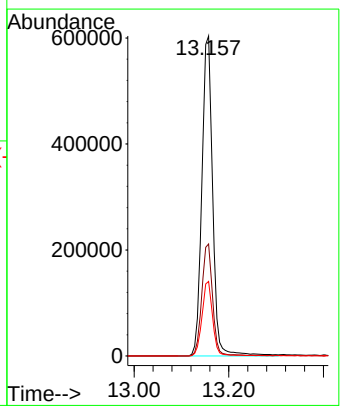


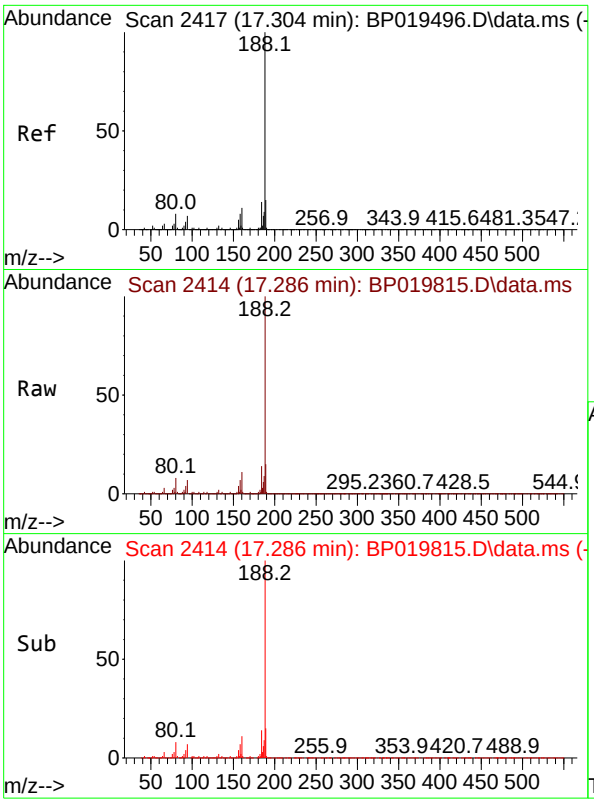


#45
2-Fluorobiphenyl
Concen: 53.651 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Tgt Ion:172 Resp: 959222

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.3	18.9	28.3



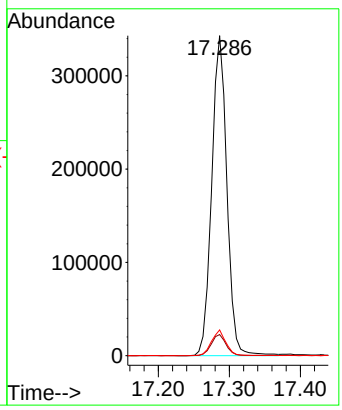


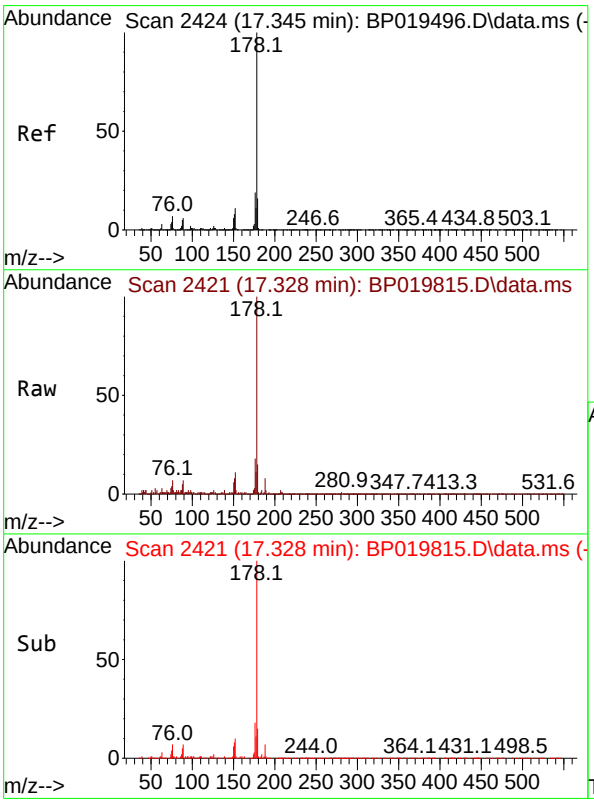
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Instrument :
BNA_P
ClientSampleId :
7

Tgt Ion:188 Resp: 508275

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.4	8.2
80	8.1	6.3	9.5

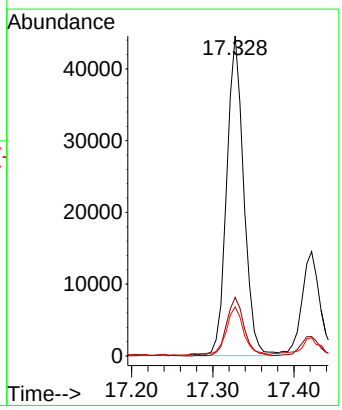


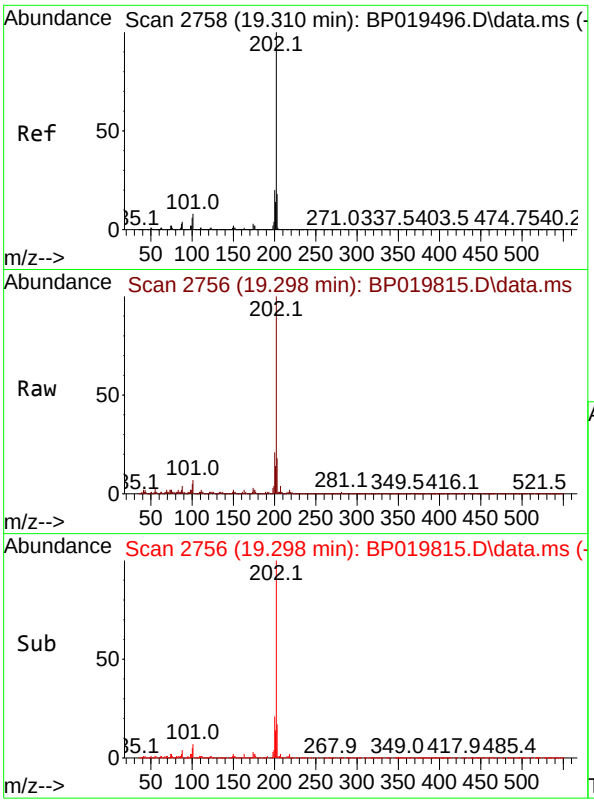


#71
Phenanthrene
Concen: 2.435 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Tgt Ion:178 Resp: 65122

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.4	12.6	19.0



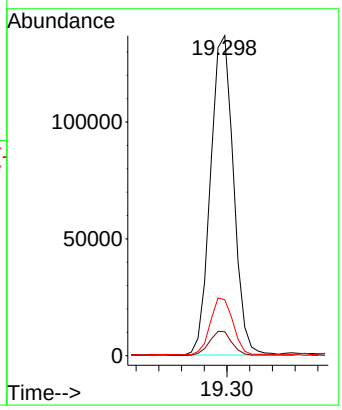


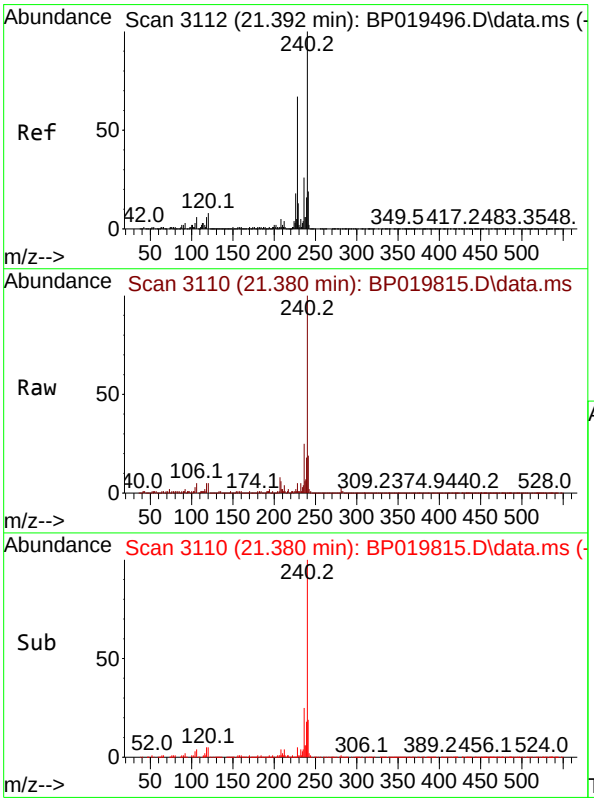
#75
Fluoranthene
Concen: 5.894 ng
RT: 19.298 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Instrument :
BNA_P
ClientSampleId :
7

Tgt Ion:202 Resp: 192590

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	27.7
203	17.5	0.0	37.5

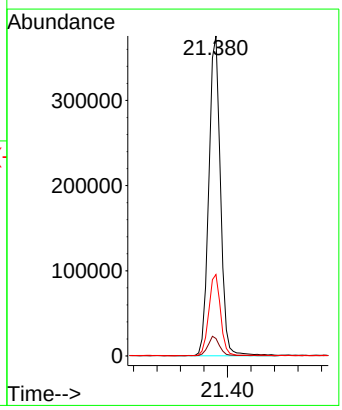


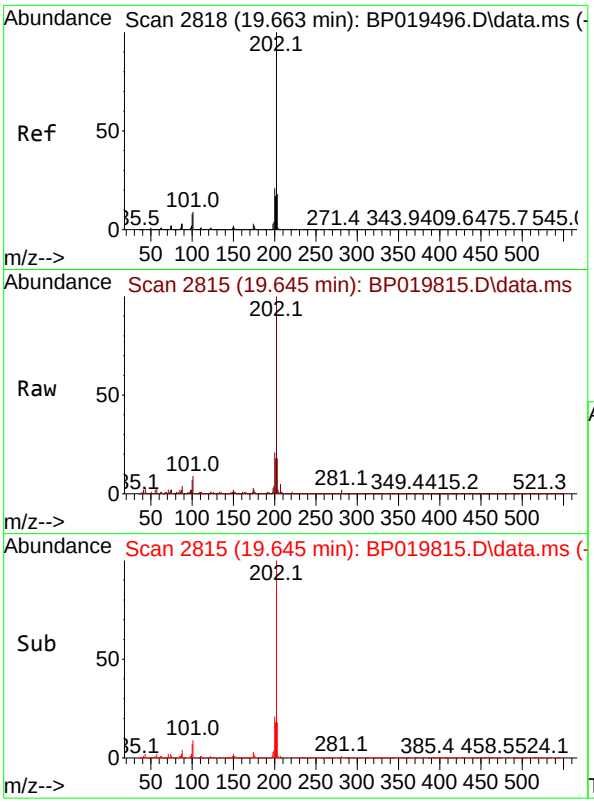


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Tgt Ion:240 Resp: 514957

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.1	9.1#
236	25.4	20.7	31.1



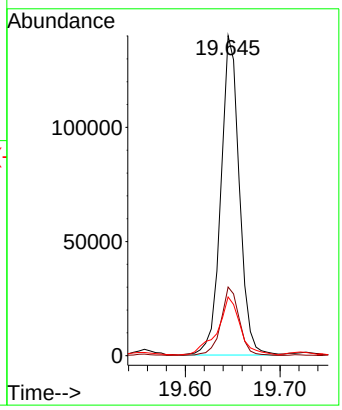


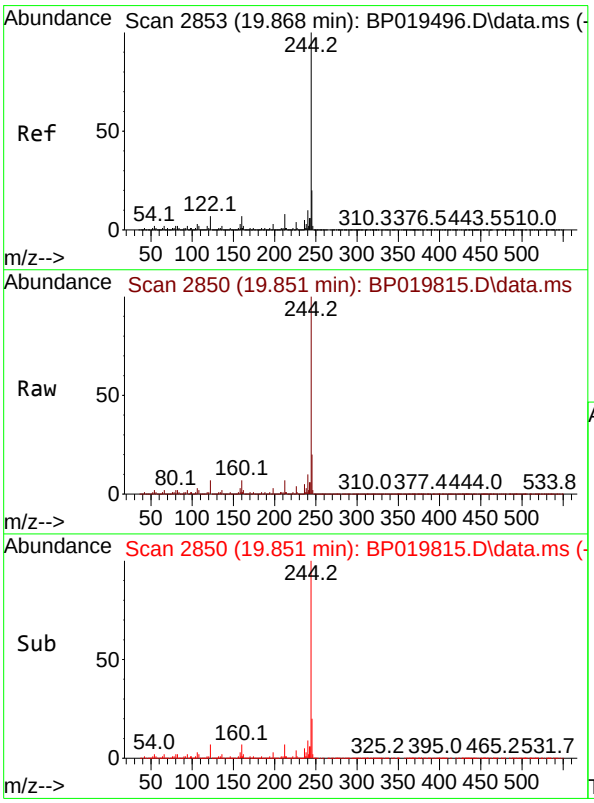
#78
Pyrene
Concen: 5.236 ng
RT: 19.645 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Instrument :
BNA_P
ClientSampleId :
7

Tgt Ion:202 Resp: 190303

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.4	14.2	21.2

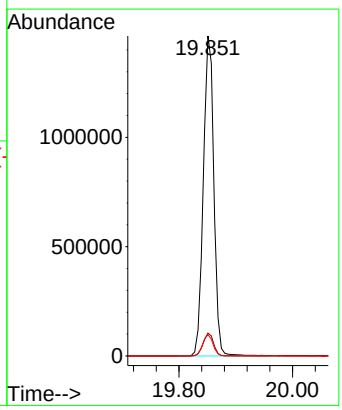


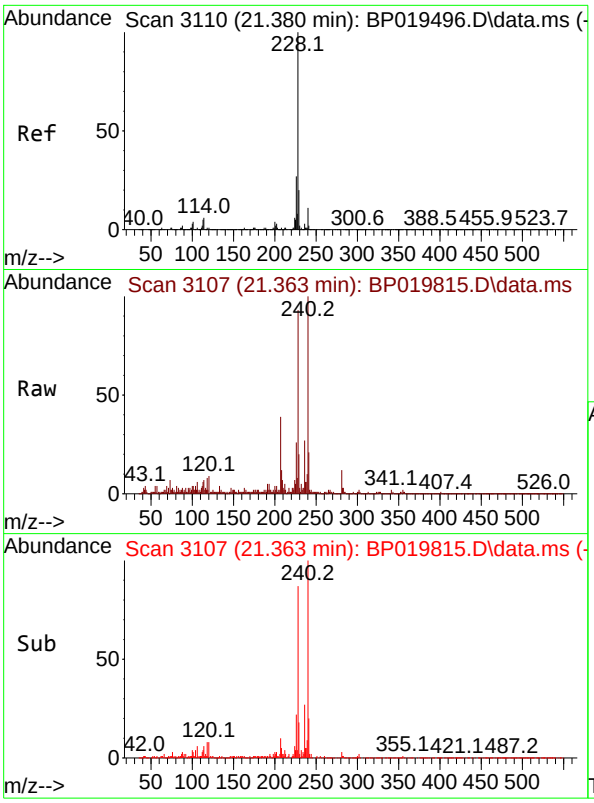


#79
Terphenyl-d14
Concen: 59.919 ng
RT: 19.851 min Scan# 2850
Delta R.T. -0.012 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Tgt Ion:244 Resp: 1876233

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	6.7	5.9	8.9



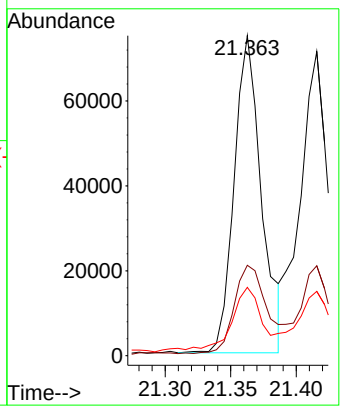


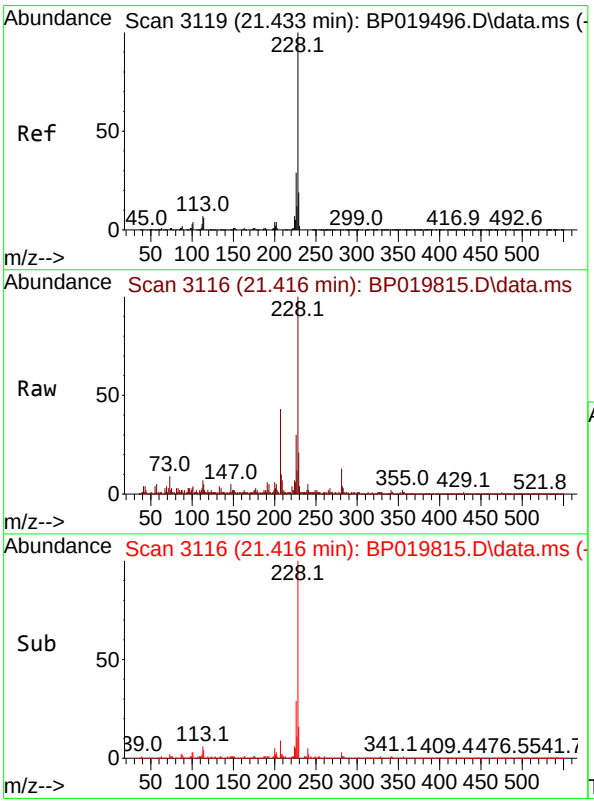
#81
Benzo(a)anthracene
Concen: 2.984 ng
RT: 21.363 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Instrument :
BNA_P
ClientSampleId :
7

Tgt Ion:228 Resp: 108173

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.7	32.5
229	21.3	15.6	23.4

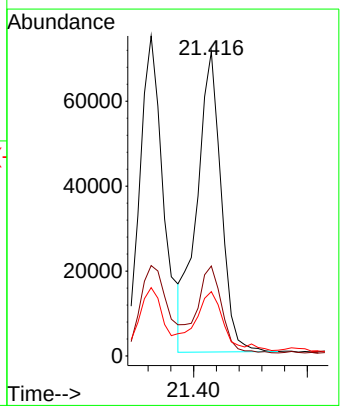


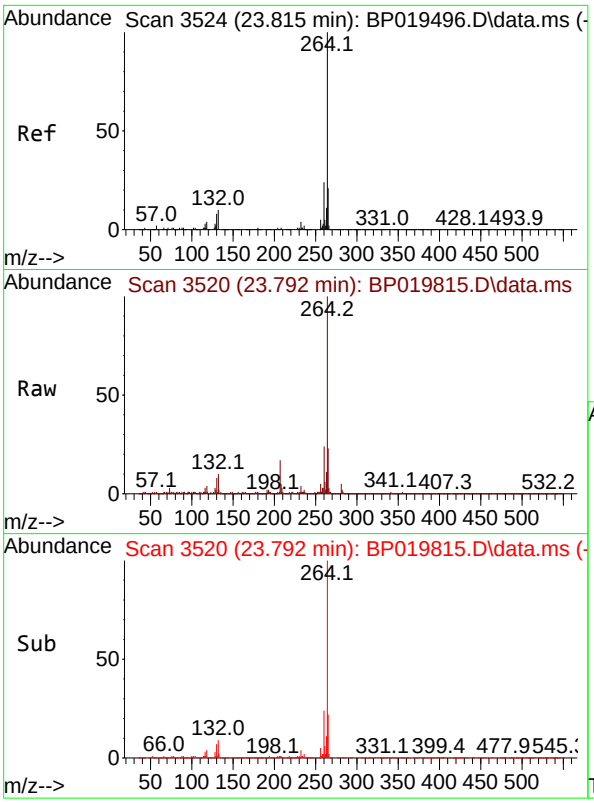


#83
Chrysene
Concen: 3.062 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Tgt Ion:228 Resp: 105393

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	21.1	15.6	23.4



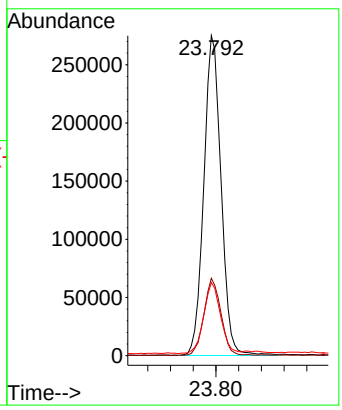


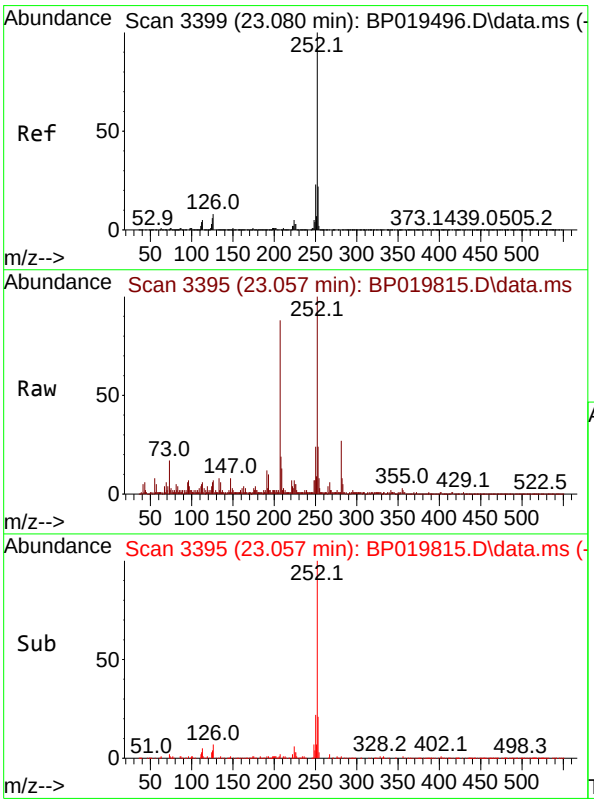
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.792 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Instrument :
BNA_P
ClientSampleId :
7

Tgt Ion:264 Resp: 578836

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.8	17.0	25.4

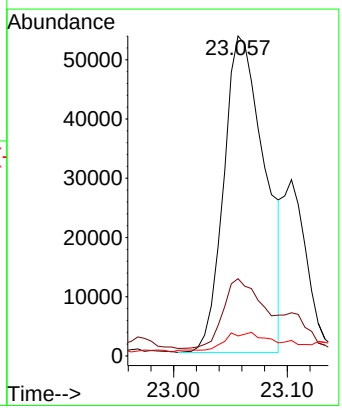


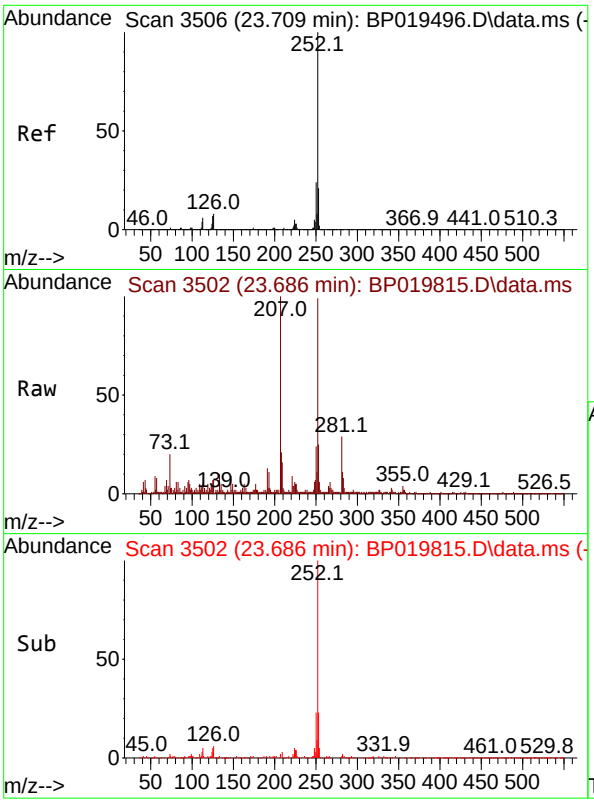


#88
Benzo(b)fluoranthene
Concen: 3.678 ng
RT: 23.057 min Scan# 3395
Delta R.T. -0.018 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Tgt Ion:252 Resp: 134179

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	6.2	4.9	7.3





#90
Benzo(a)pyrene
Concen: 2.903 ng
RT: 23.686 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP019815.D
Acq: 21 Feb 2024 19:10

Instrument :
BNA_P
ClientSampleId :
7

Tgt Ion:252 Resp: 94225

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	7.3	5.6	8.4