Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025613.D
Acq On : 28 Aug 2025 15:57
Operator : CG/JU
Sample : Q2960-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Quant Time: Aug 28 16:33:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.772	152	179479	20.000	ng		-0.02
21) Naphthalene-d8	10.543	136	715190	20.000	ng		-0.02
39) Acenaphthene-d10	14.384	164	454859	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	925556	20.000	ng		-0.01
76) Chrysene-d12	21.636	240	1014717	20.000	ng		-0.01
86) Perylene-d12	24.995	264	1182917	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	219503	20.310	ng		0.00
7) Phenol-d6	6.966	99	263763	19.036	ng		0.00
23) Nitrobenzene-d5	8.913	82	167345	11.836	ng		-0.02
42) 2,4,6-Tribromophenol	15.907	330	118172	19.301	ng		0.00
45) 2-Fluorobiphenyl	12.990	172	415836	12.494	ng		-0.03
79) Terphenyl-d14	19.907	244	708355	12.772	ng		-0.01
Target Compounds							Qvalue
75) Fluoranthene	19.319	202	232380	3.832	ng		99
78) Pyrene	19.695	202	216294	3.279	ng		99
83) Chrysene	21.619	228	130840	2.088	ng		97
88) Benzo(b)fluoranthene	23.924	252	157512	2.258	ng	#	85
89) Benzo(k)fluoranthene	23.924	252	157512	2.257	ng	#	83

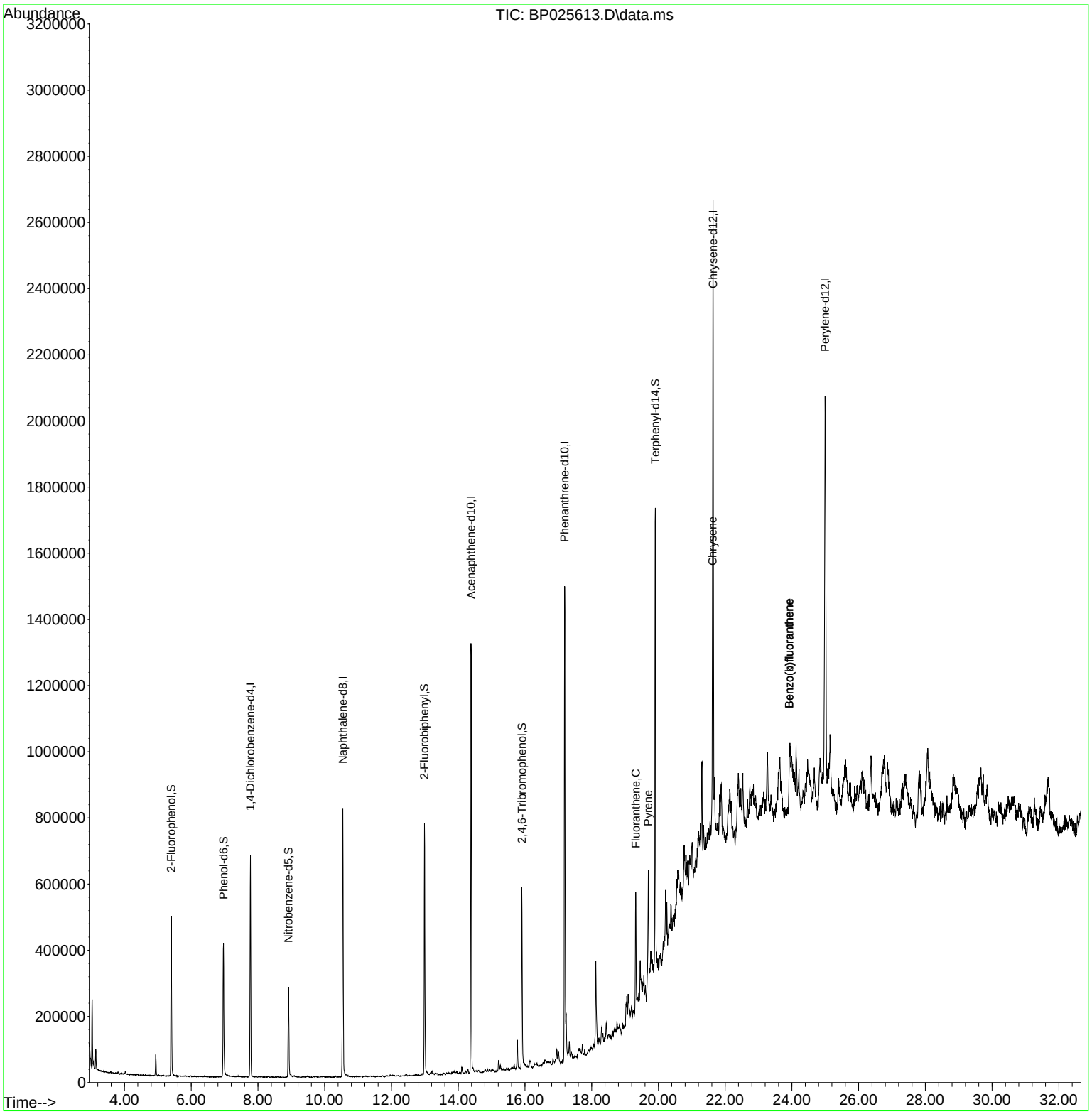
(#) = qualifier out of range (m) = manual integration (+) = signals summed

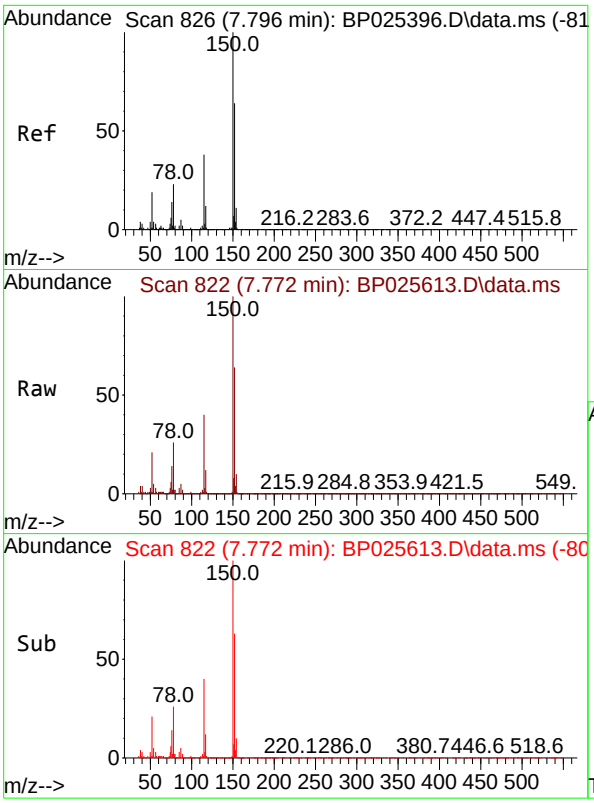
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025613.D
Acq On : 28 Aug 2025 15:57
Operator : CG/JU
Sample : Q2960-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Quant Time: Aug 28 16:33:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



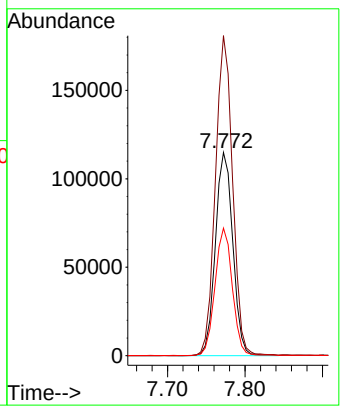


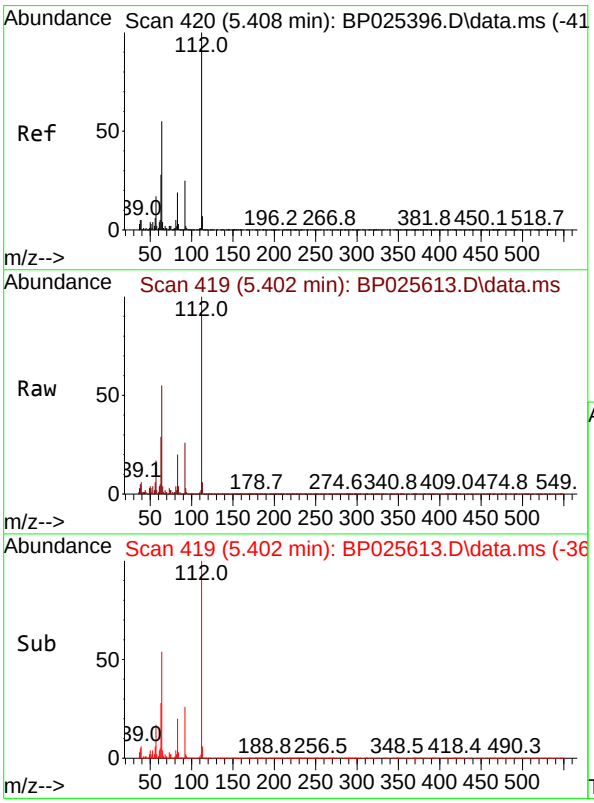
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Tgt Ion:152 Resp: 179479

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.9	188.9
115	62.7	48.5	72.7

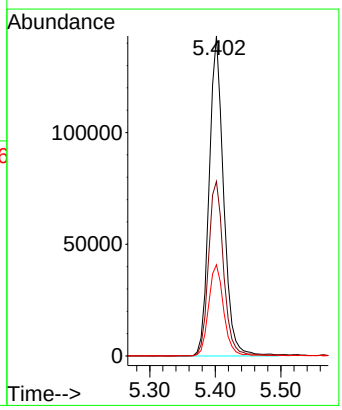


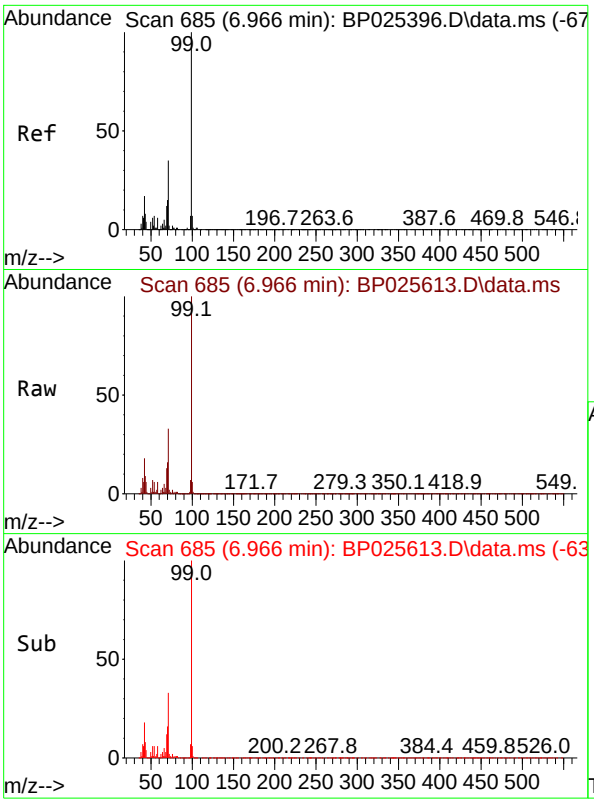


#5
2-Fluorophenol
Concen: 20.310 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Tgt Ion:112 Resp: 219503

Ion	Ratio	Lower	Upper
112	100		
64	54.6	43.8	65.8
63	28.5	22.7	34.1



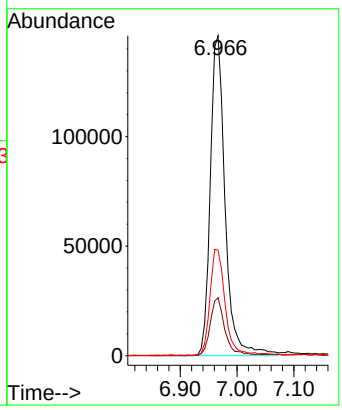


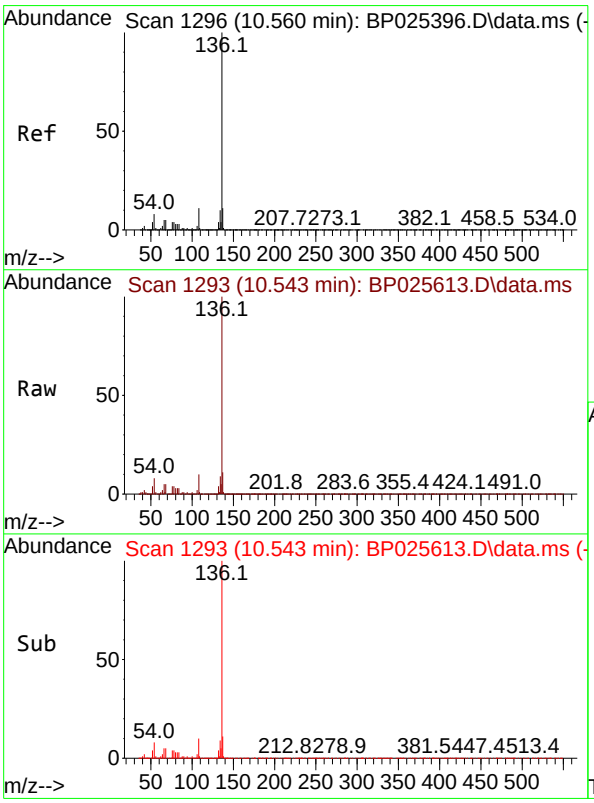
#7
Phenol-d6
Concen: 19.036 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Tgt Ion: 99 Resp: 263763

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.7	20.5
71	33.0	28.2	42.4

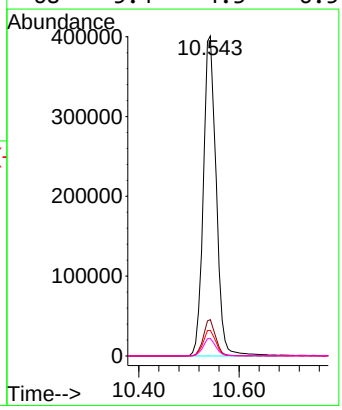


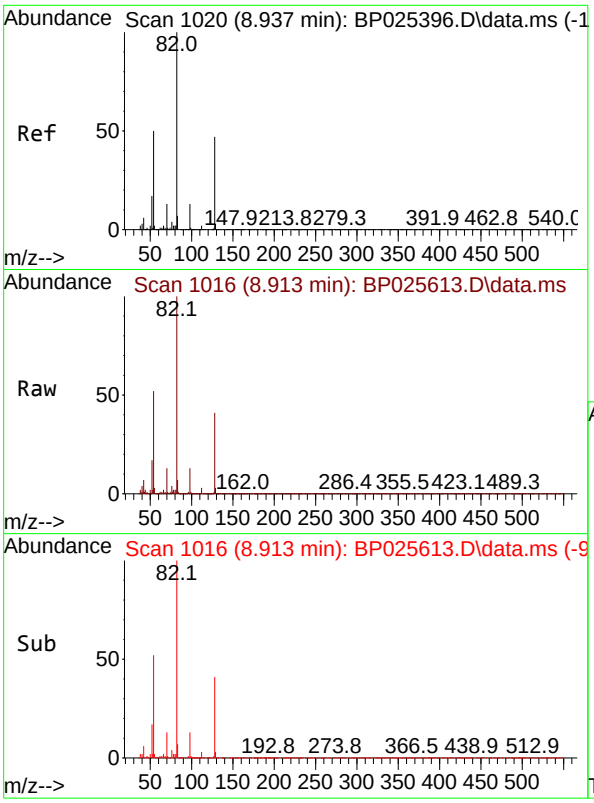


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Tgt Ion:136 Resp: 715190

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.0	6.0	9.0
68	5.4	4.3	6.5



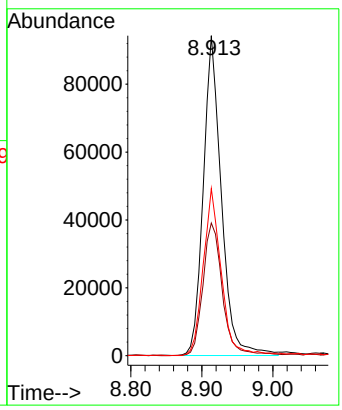


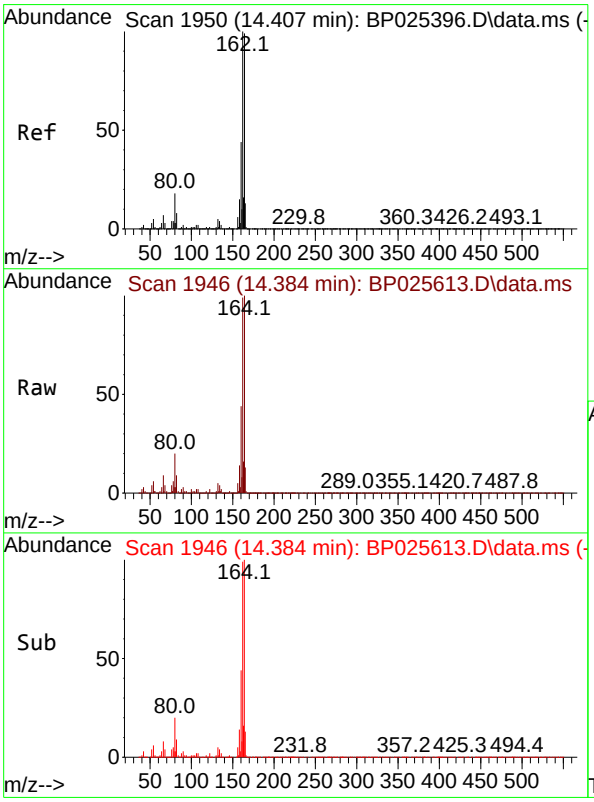
#23
Nitrobenzene-d5
Concen: 11.836 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Tgt Ion: 82 Resp: 167345

Ion	Ratio	Lower	Upper
82	100		
128	41.5	37.7	56.5
54	52.2	39.8	59.6

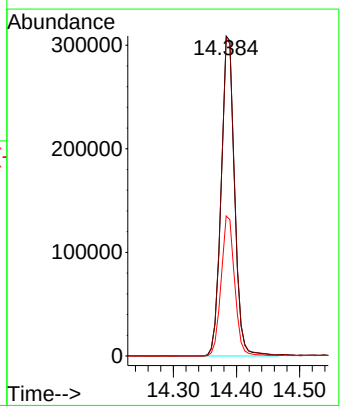


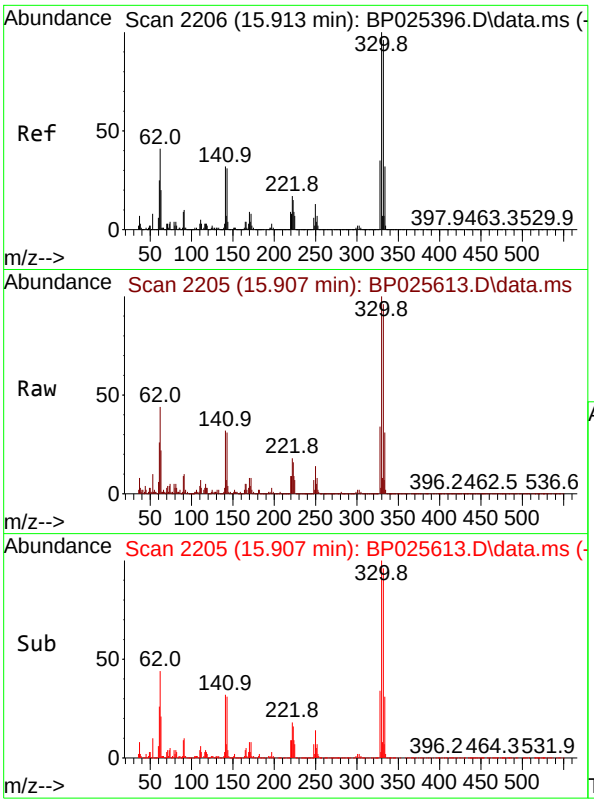


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Tgt Ion:164 Resp: 454859

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.0	121.6
160	43.7	35.4	53.2



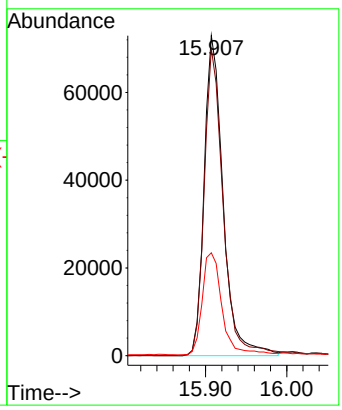


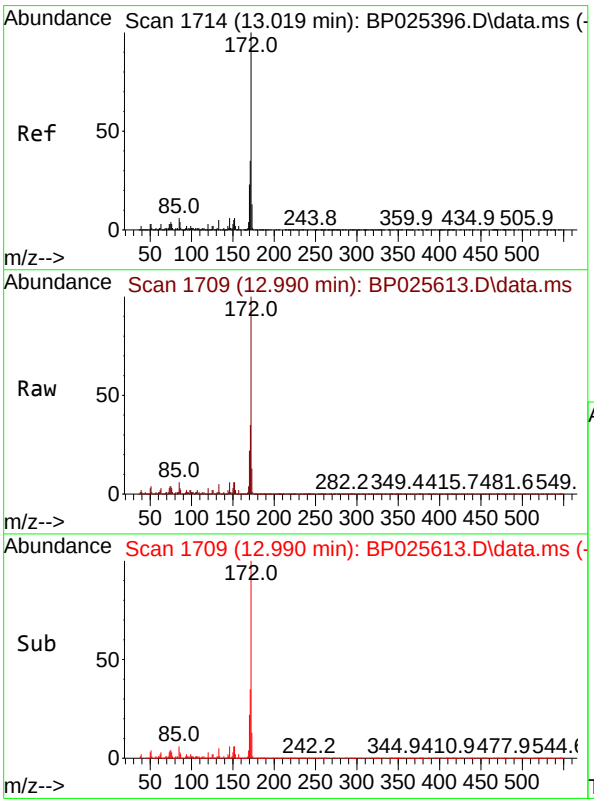
#42
2,4,6-Tribromophenol
Concen: 19.301 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Tgt Ion:330 Resp: 118172

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.2	26.6	39.8

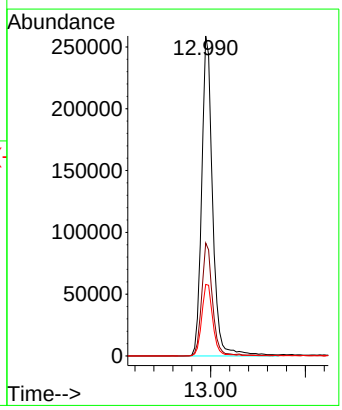


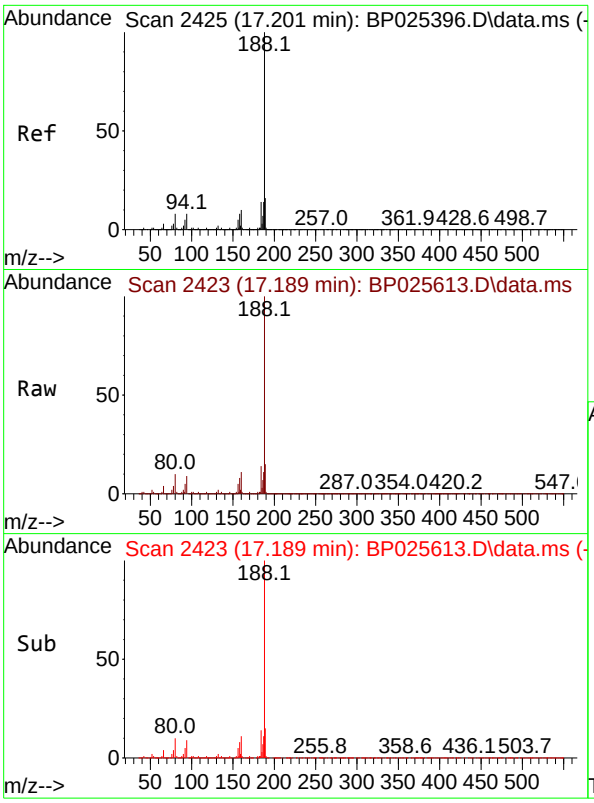


#45
2-Fluorobiphenyl
Concen: 12.494 ng
RT: 12.990 min Scan# 1709
Delta R.T. -0.029 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Tgt Ion:172 Resp: 415836

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	22.3	18.6	28.0



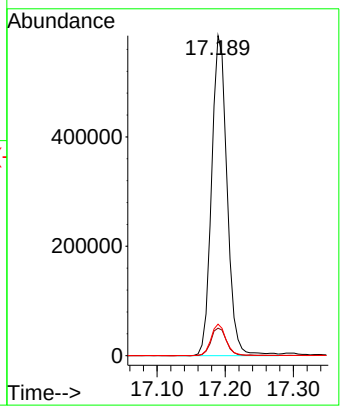


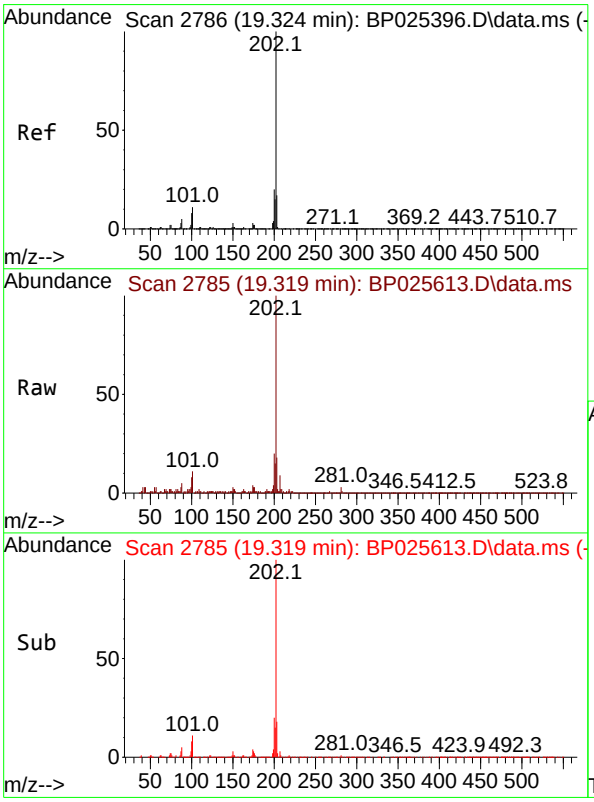
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Tgt Ion:188 Resp: 925556

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.9	6.7	10.1

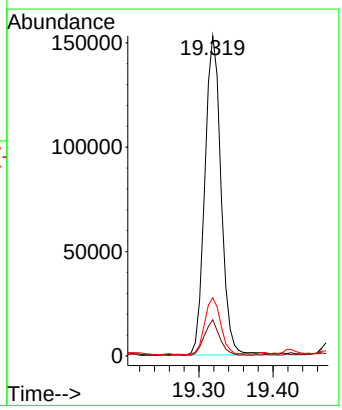


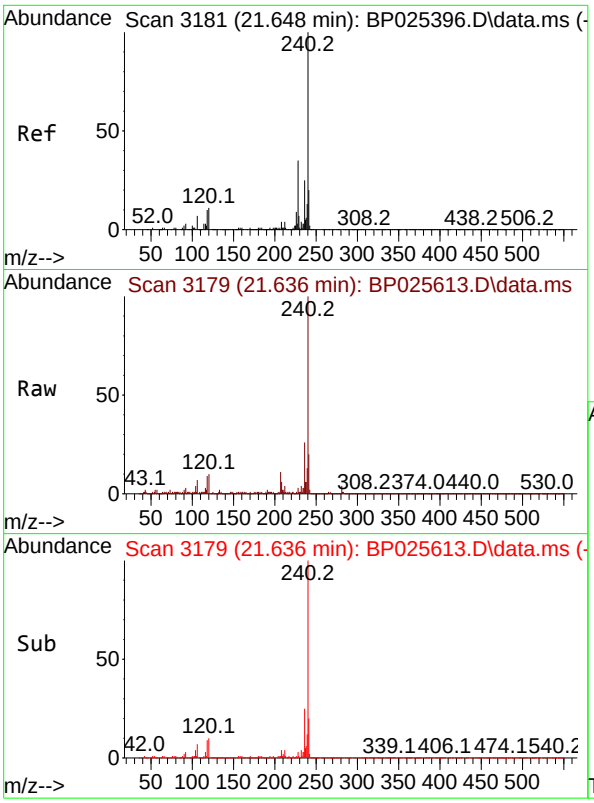


#75
Fluoranthene
Concen: 3.832 ng
RT: 19.319 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Tgt Ion:202 Resp: 232380

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	18.2	0.0	37.3



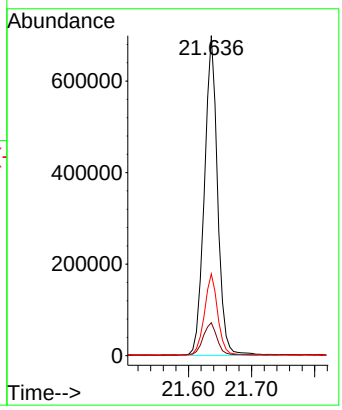


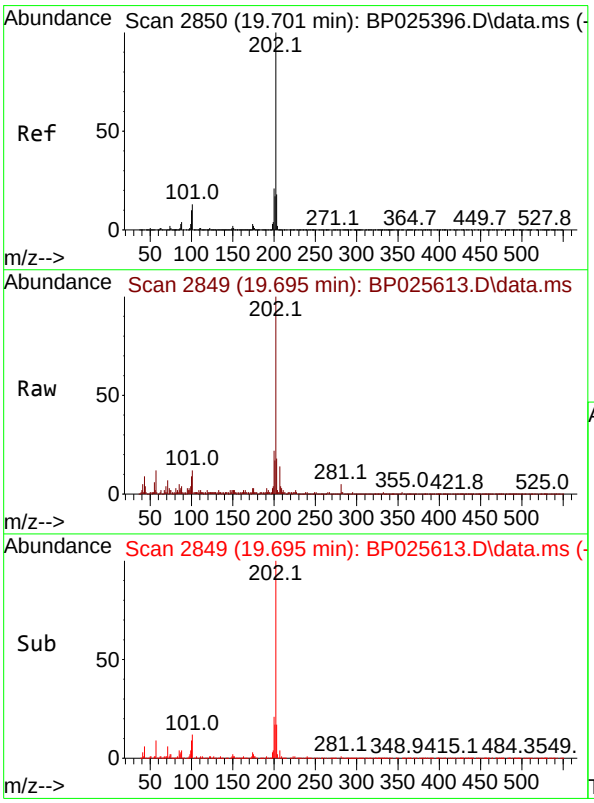
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Tgt Ion:240 Resp: 1014717

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	25.6	19.8	29.8

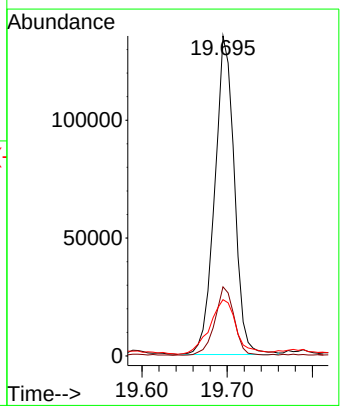


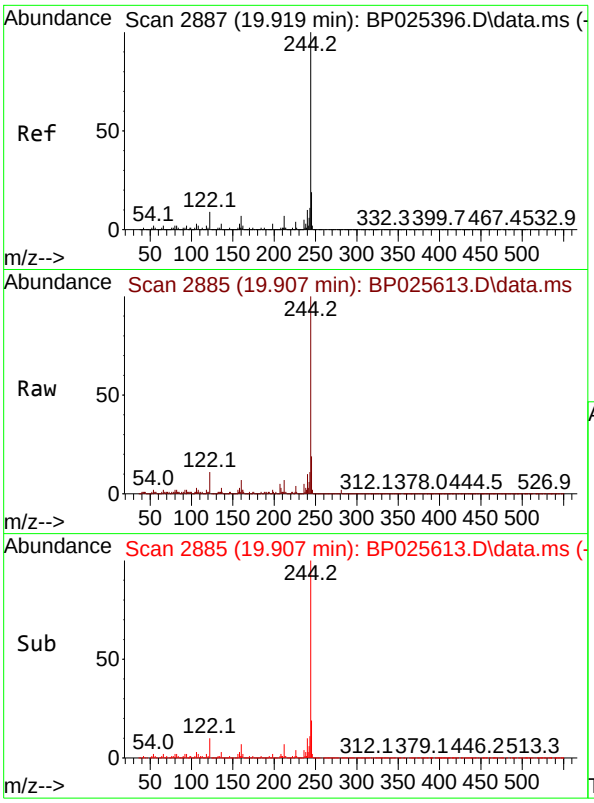


#78
Pyrene
Concen: 3.279 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Tgt Ion:202 Resp: 216294

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.6	14.2	21.2



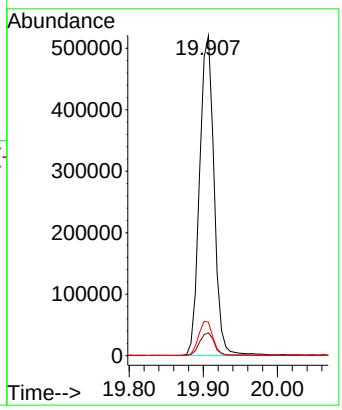


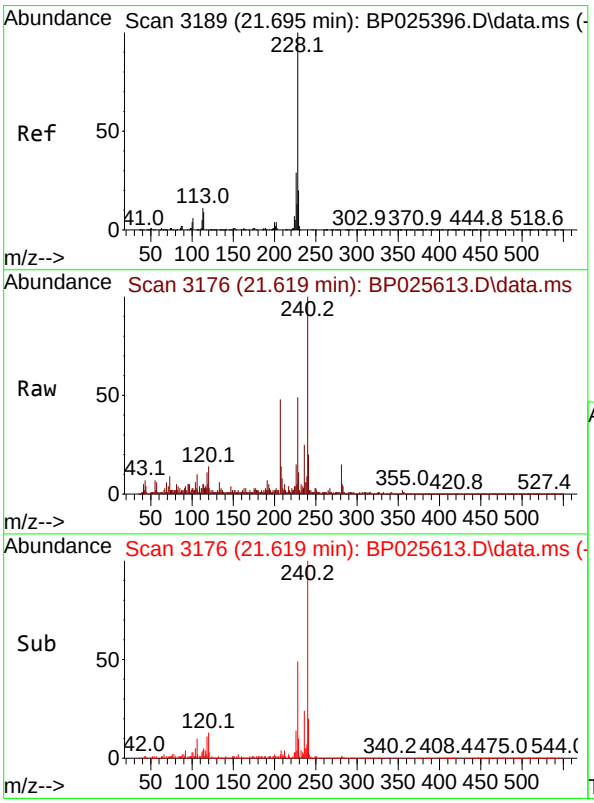
#79
Terphenyl-d14
Concen: 12.772 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Tgt Ion:244 Resp: 708355

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	10.5	7.4	11.2

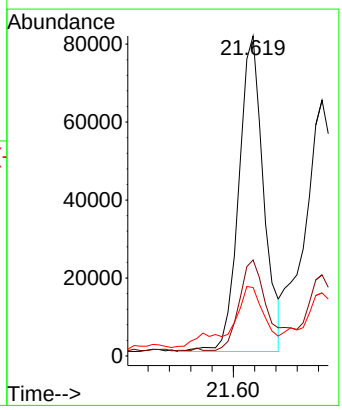


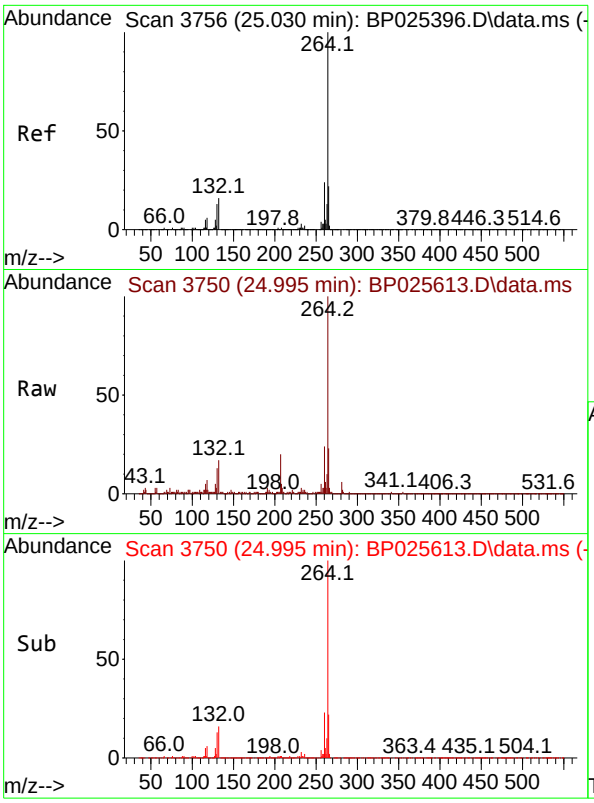


#83
Chrysene
Concen: 2.088 ng
RT: 21.619 min Scan# 3176
Delta R.T. -0.076 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Tgt Ion:228 Resp: 130840

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.2	34.8
229	21.4	15.6	23.4



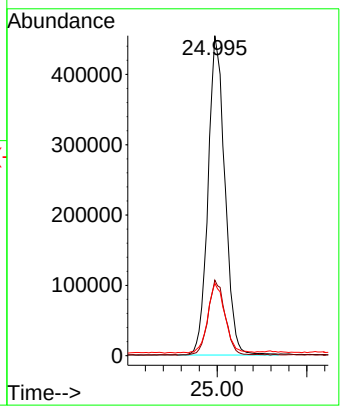


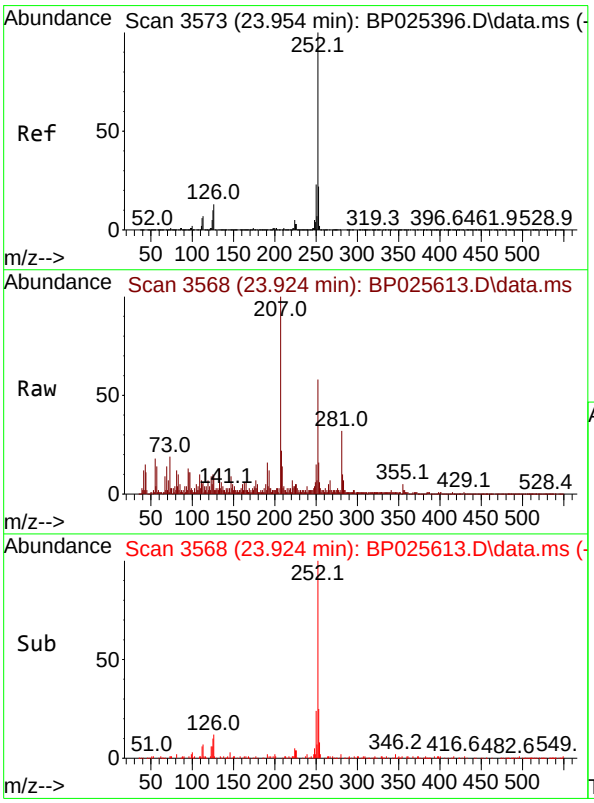
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Tgt Ion:264 Resp: 1182917

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	22.6	17.4	26.0

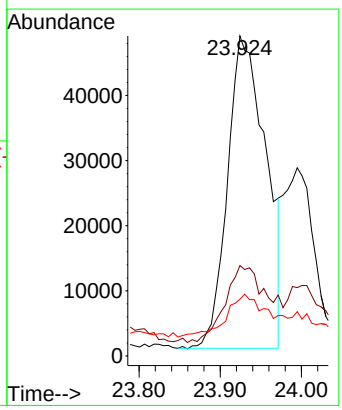


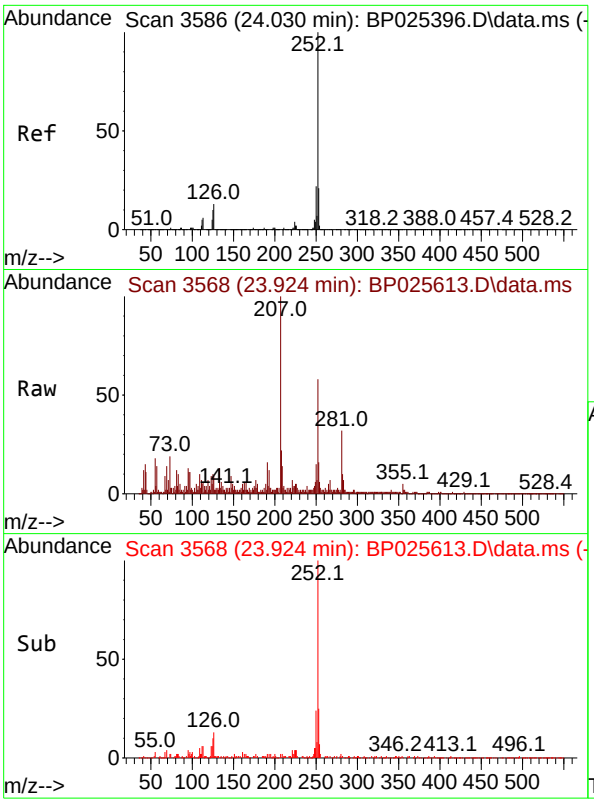


#88
Benzo(b)fluoranthene
Concen: 2.258 ng
RT: 23.924 min Scan# 3568
Delta R.T. -0.029 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Tgt Ion:252 Resp: 157512

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.7	26.5#
125	17.7	7.9	11.9#





#89
Benzo(k)fluoranthene
Concen: 2.257 ng
RT: 23.924 min Scan# 3
Delta R.T. -0.106 min
Lab File: BP025613.D
Acq: 28 Aug 2025 15:57

Instrument :
BNA_P
ClientSampleId :
SU-03-08262025

Tgt Ion:252 Resp: 157512

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.1	25.7#
125	17.7	7.8	11.6#