Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025634.D
Acq On : 29 Aug 2025 20:52
Operator : CG/JU
Sample : Q2979-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-B

Quant Time: Aug 29 22:40:02 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	154904	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	600672	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	372720	20.000	ng	-0.02
64) Phenanthrene-d10	17.178	188	749924	20.000	ng	-0.02
76) Chrysene-d12	21.636	240	825556	20.000	ng	-0.01
86) Perylene-d12	25.001	264	975461	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	827192	88.682	ng	0.00
7) Phenol-d6	6.961	99	1025207	85.728	ng	0.00
23) Nitrobenzene-d5	8.913	82	660014	55.583	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	460220	91.735	ng	0.00
45) 2-Fluorobiphenyl	13.002	172	1488037	54.563	ng	-0.02
79) Terphenyl-d14	19.907	244	2299419	50.959	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.225	178	199774	4.849	ng	99
75) Fluoranthene	19.307	202	366195	7.452	ng	99
78) Pyrene	19.689	202	352944	6.578	ng	99
81) Benzo(a)anthracene	21.613	228	181182	3.328	ng	100
83) Chrysene	21.683	228	167726	3.290	ng	96
88) Benzo(b)fluoranthene	23.930	252	209646	3.645	ng	98
90) Benzo(a)pyrene	24.836	252	165943	2.964	ng	97

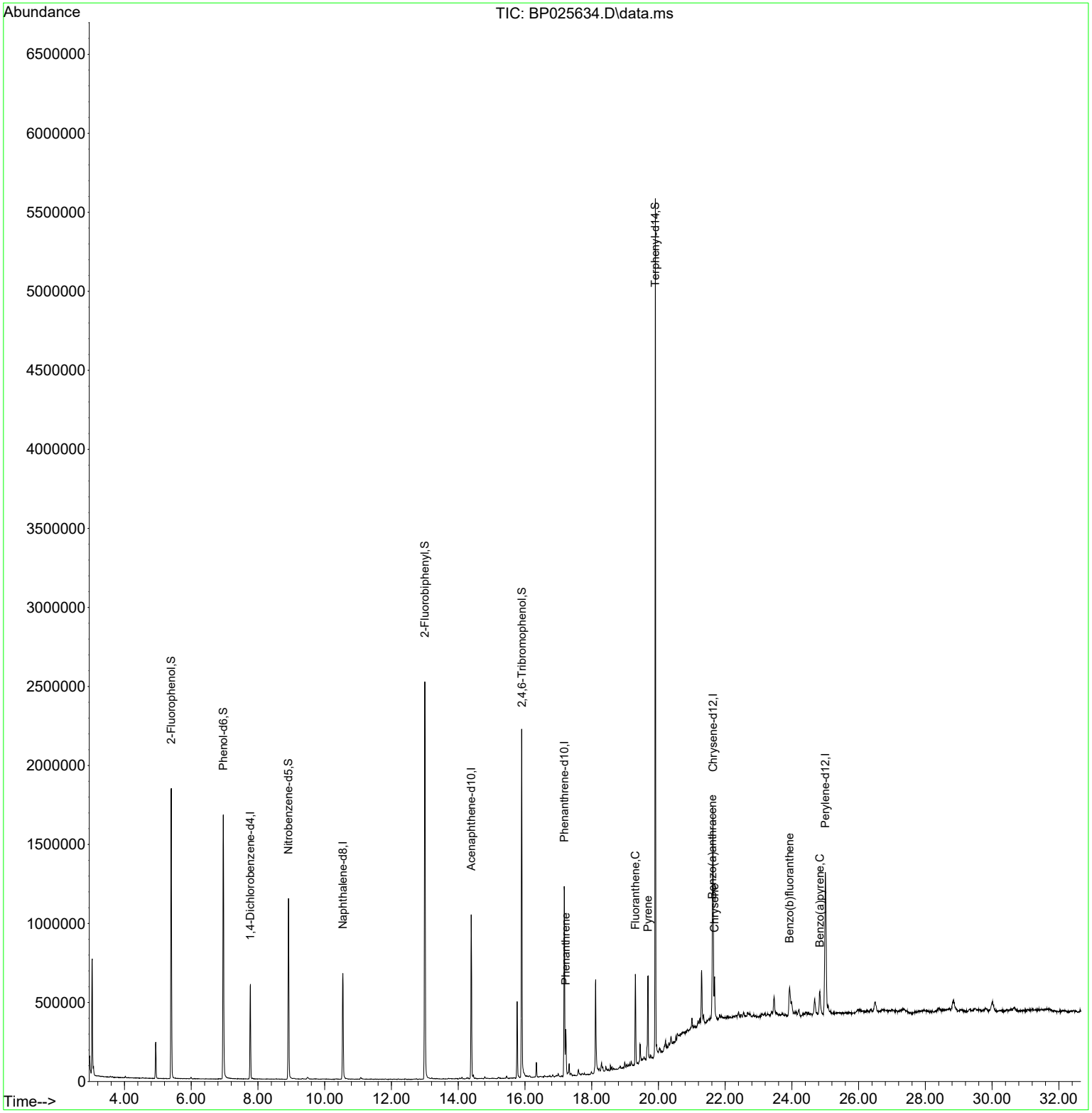
(#) = qualifier out of range (m) = manual integration (+) = signals summed

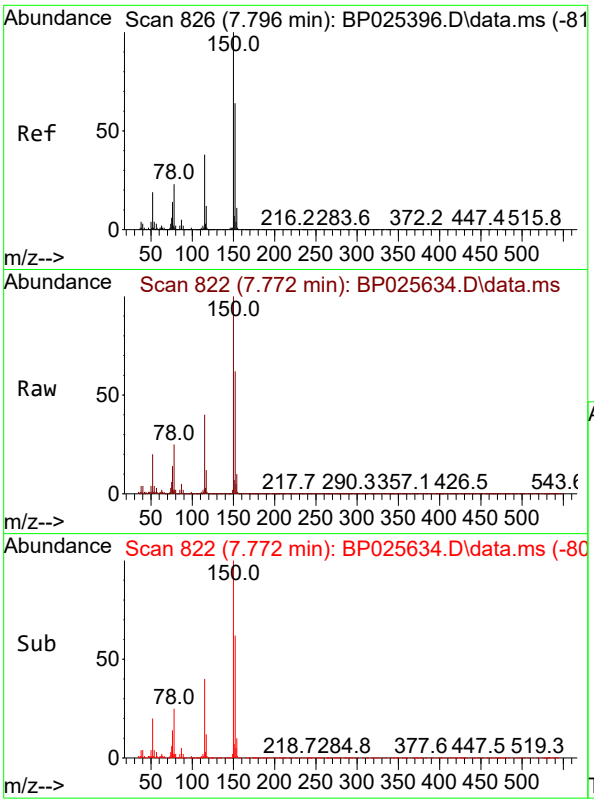
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025634.D
Acq On : 29 Aug 2025 20:52
Operator : CG/JU
Sample : Q2979-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-B

Quant Time: Aug 29 22:40:02 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



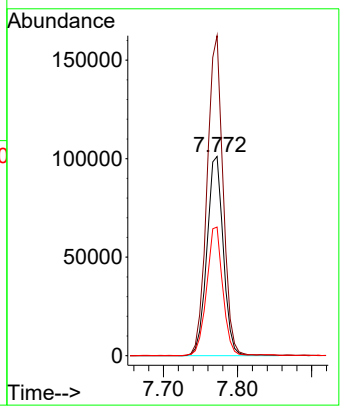


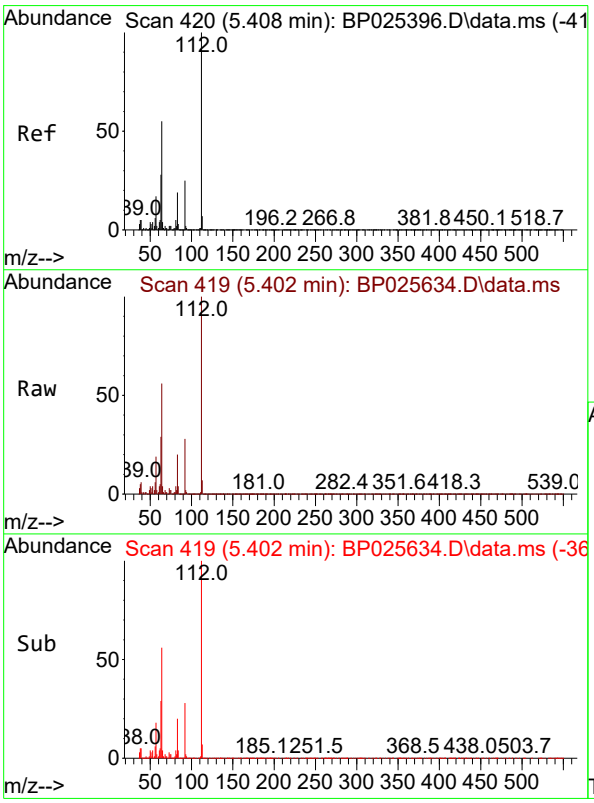
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Instrument :
BNA_P
ClientSampleId :
SP-B

Tgt Ion:152 Resp: 154904

Ion	Ratio	Lower	Upper
152	100		
150	160.7	125.9	188.9
115	64.6	48.5	72.7

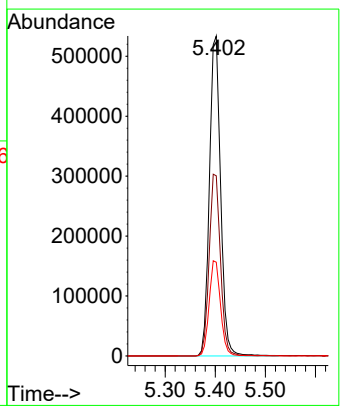


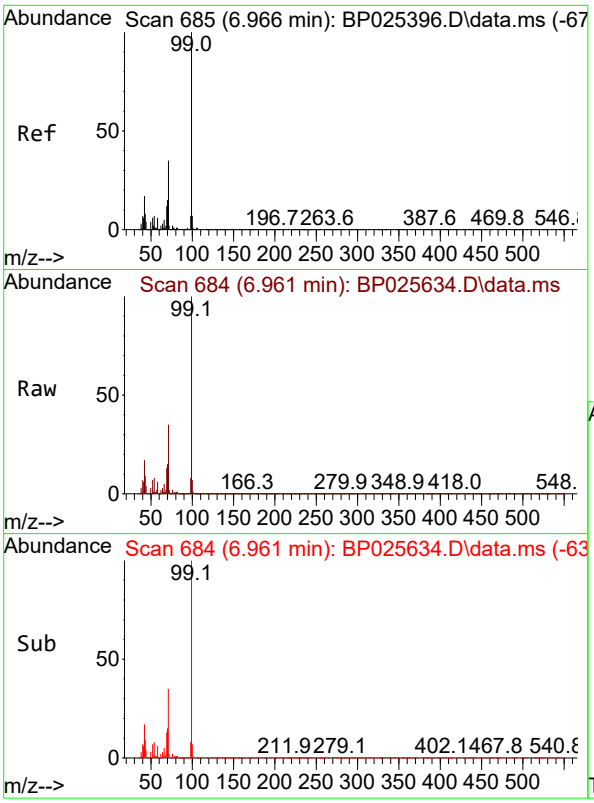


#5
2-Fluorophenol
Concen: 88.682 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Tgt Ion:112 Resp: 827192

Ion	Ratio	Lower	Upper
112	100		
64	56.3	43.8	65.8
63	29.3	22.7	34.1



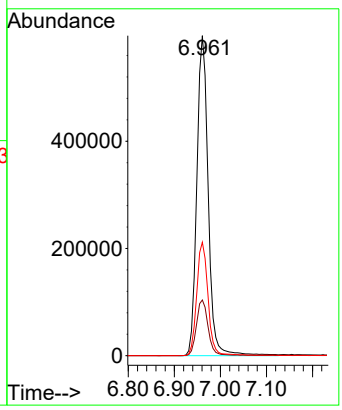


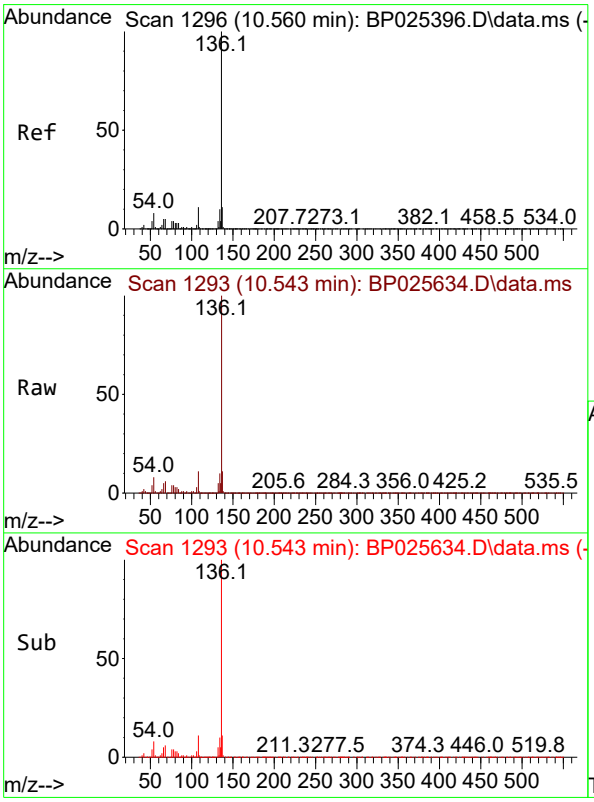
#7
Phenol-d6
Concen: 85.728 ng
RT: 6.961 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Instrument :
BNA_P
ClientSampleId :
SP-B

Tgt Ion: 99 Resp: 1025207

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.7	20.5
71	35.4	28.2	42.4

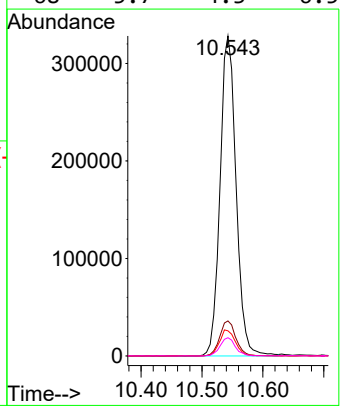


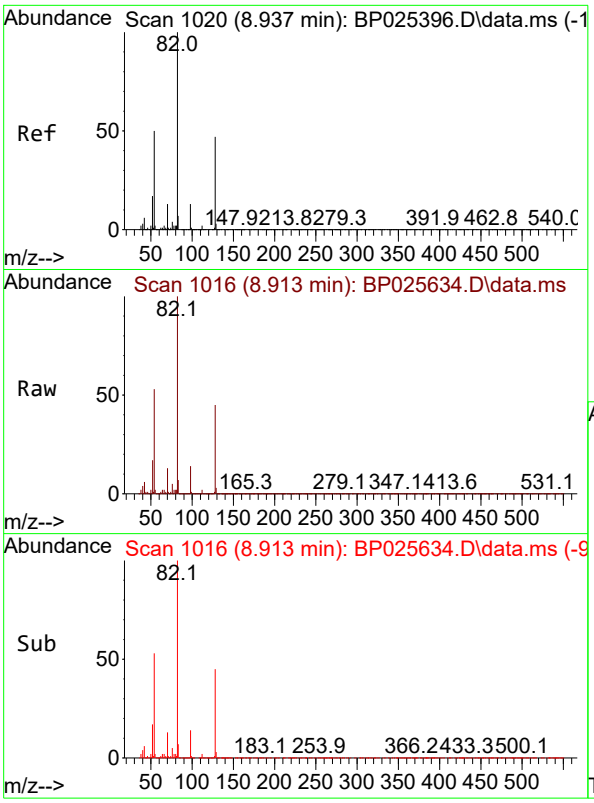


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Tgt Ion:136 Resp: 600672

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	6.0	9.0
68	5.7	4.3	6.5



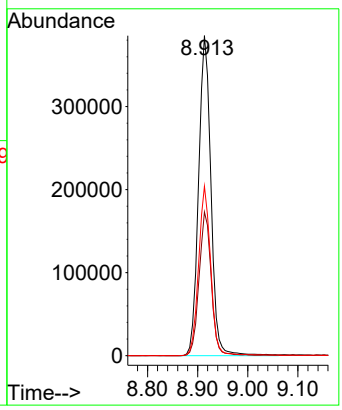


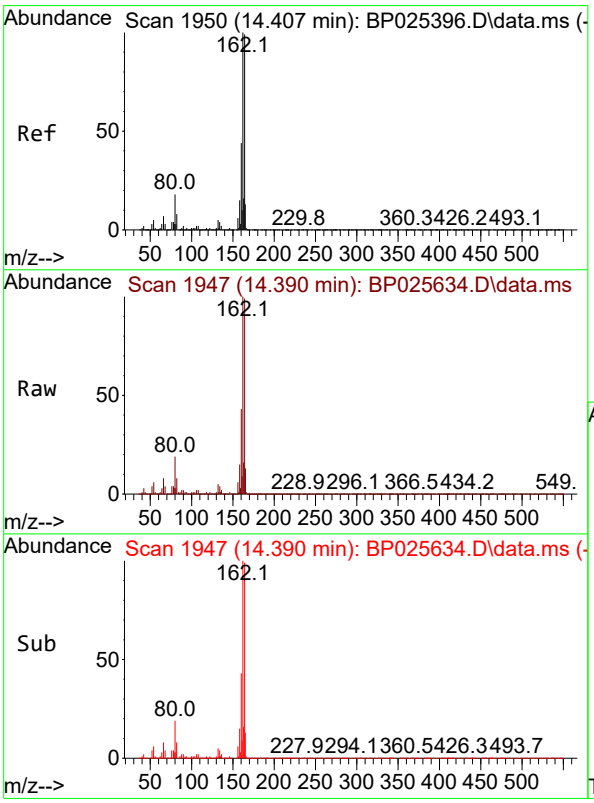
#23
Nitrobenzene-d5
Concen: 55.583 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Instrument :
BNA_P
ClientSampleId :
SP-B

Tgt Ion: 82 Resp: 660014

Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.7	56.5
54	52.9	39.8	59.6

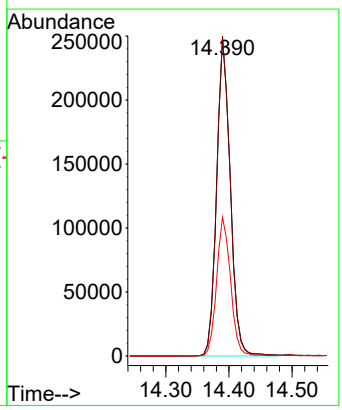


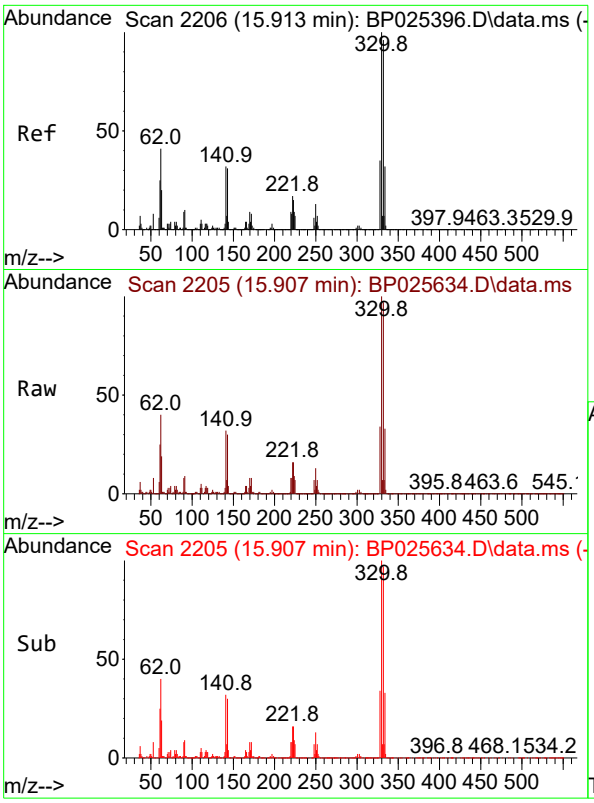


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.017 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Tgt Ion:164 Resp: 372720

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.6
160	43.6	35.4	53.2



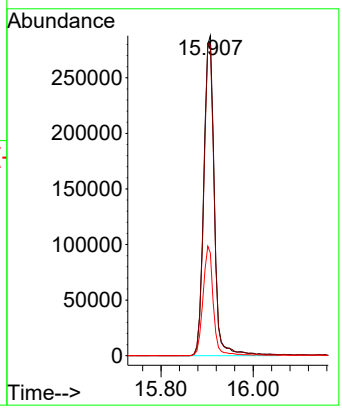


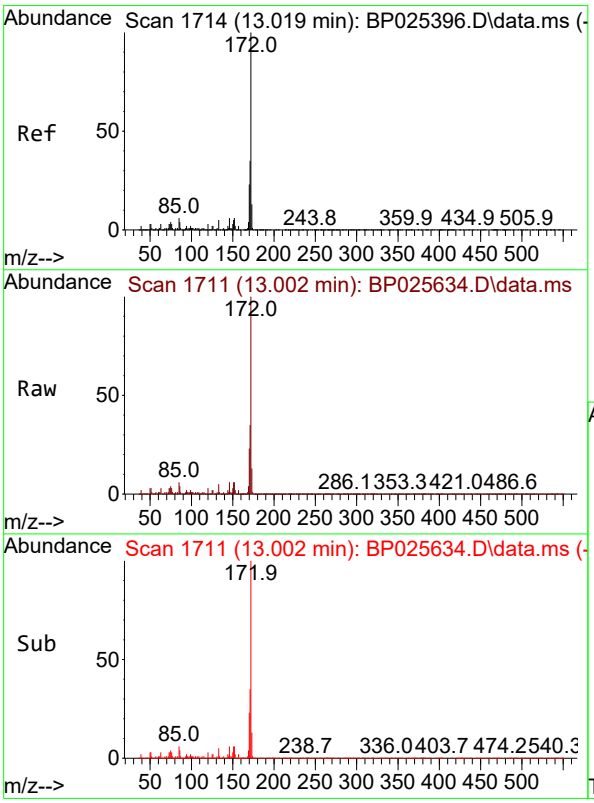
#42
2,4,6-Tribromophenol
Concen: 91.735 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Instrument :
BNA_P
ClientSampleId :
SP-B

Tgt Ion:330 Resp: 460220

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	33.3	26.6	39.8

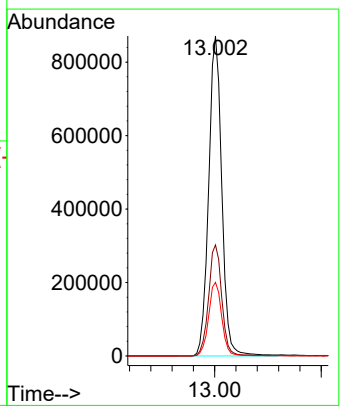


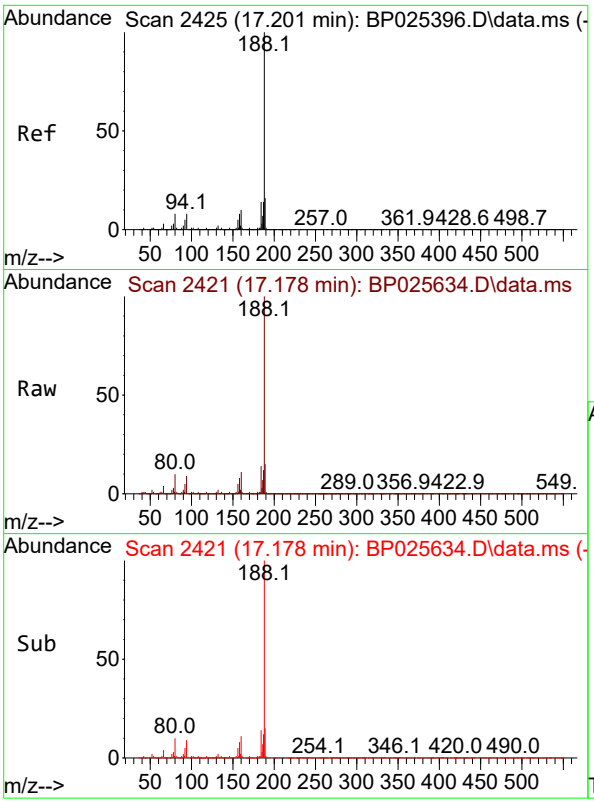


#45
2-Fluorobiphenyl
Concen: 54.563 ng
RT: 13.002 min Scan# 1711
Delta R.T. -0.017 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Tgt Ion:172 Resp: 1488037

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.0	18.6	28.0



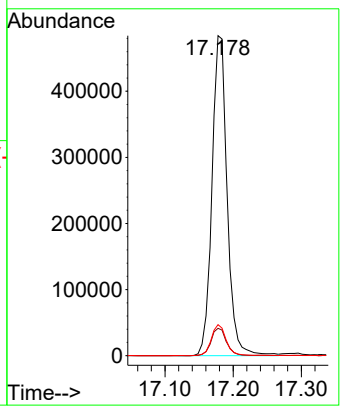


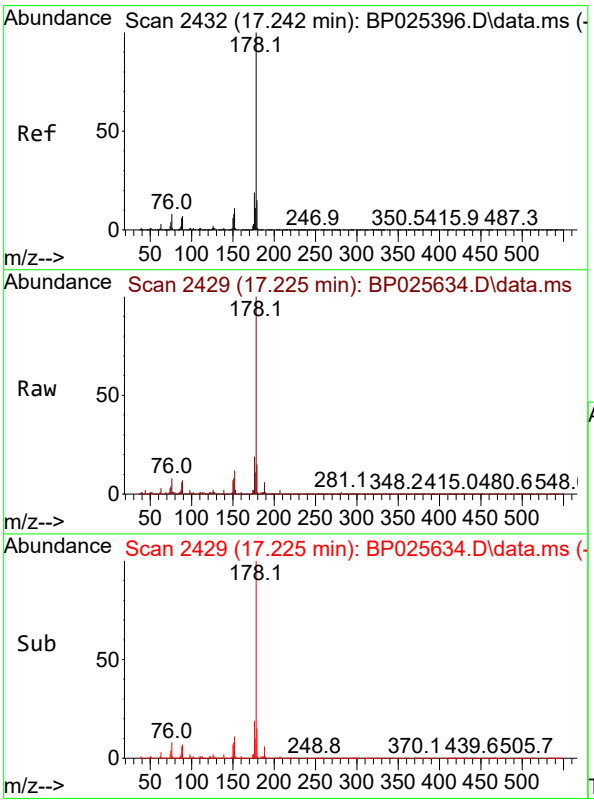
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Instrument :
BNA_P
ClientSampleId :
SP-B

Tgt Ion:188 Resp: 749924

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.7	6.7	10.1

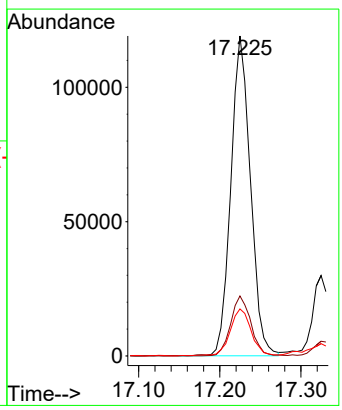


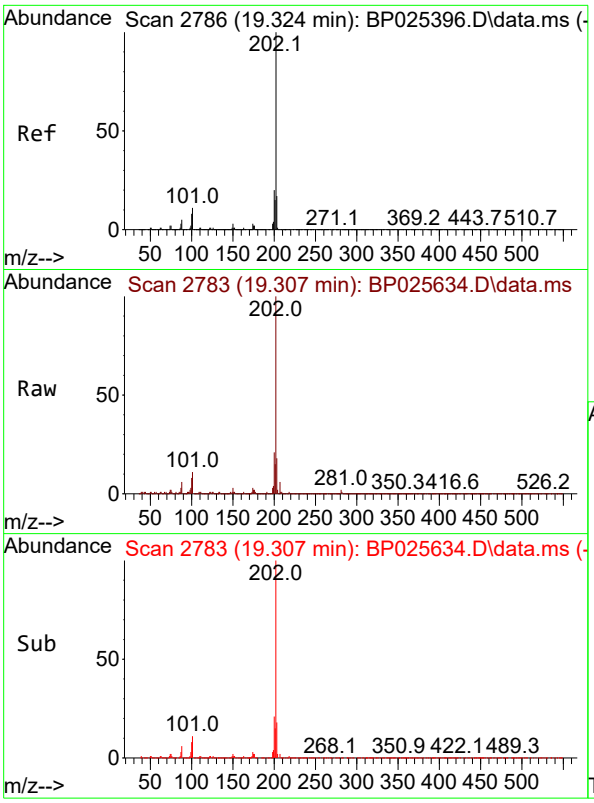


#71
Phenanthrene
Concen: 4.849 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.017 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Tgt Ion:178 Resp: 199774

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	14.7	12.2	18.4



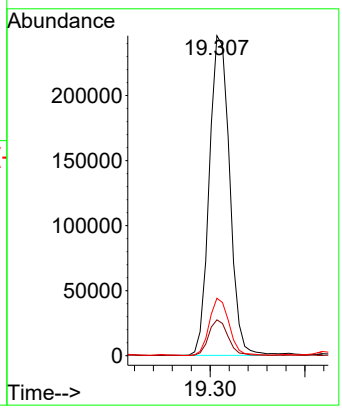


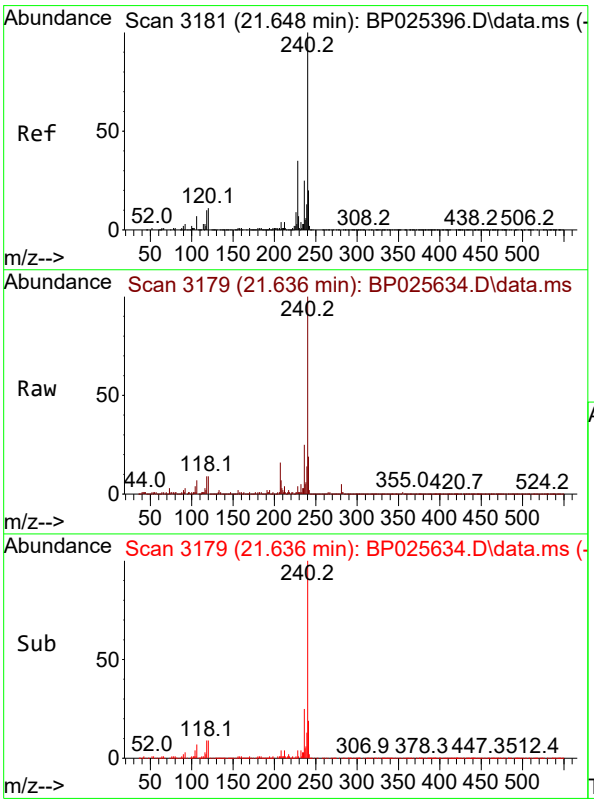
#75
Fluoranthene
Concen: 7.452 ng
RT: 19.307 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Instrument :
BNA_P
ClientSampleId :
SP-B

Tgt Ion:202 Resp: 366195

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.1
203	18.0	0.0	37.3

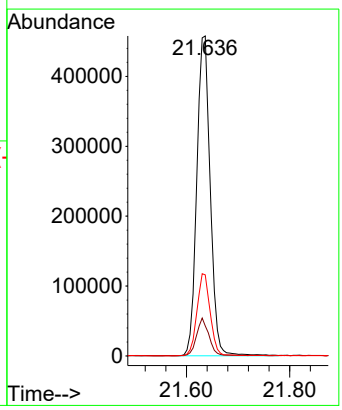


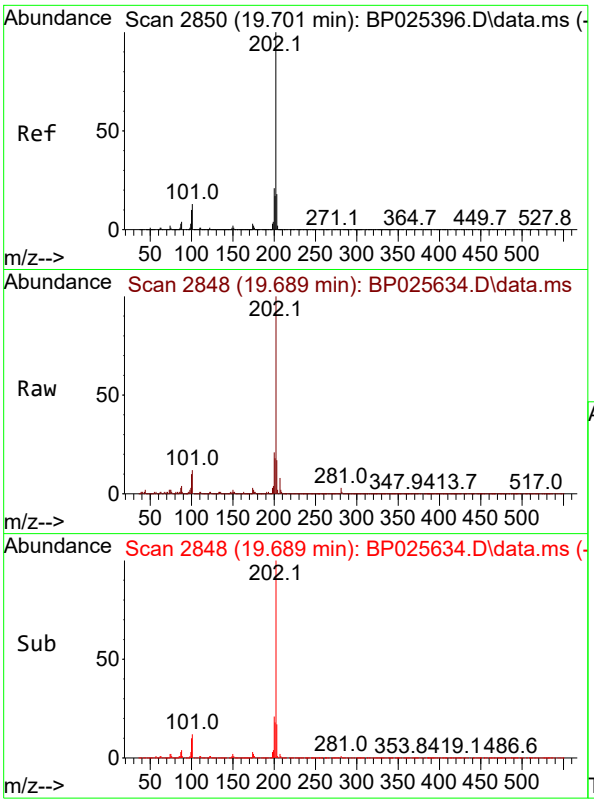


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Tgt Ion:240 Resp: 825556

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.9	13.3
236	25.4	19.8	29.8



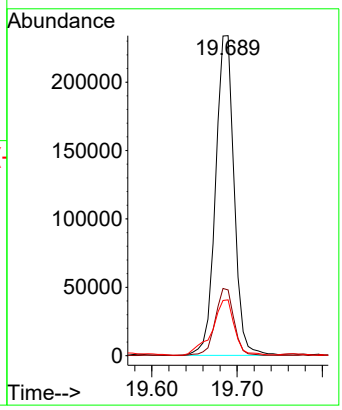


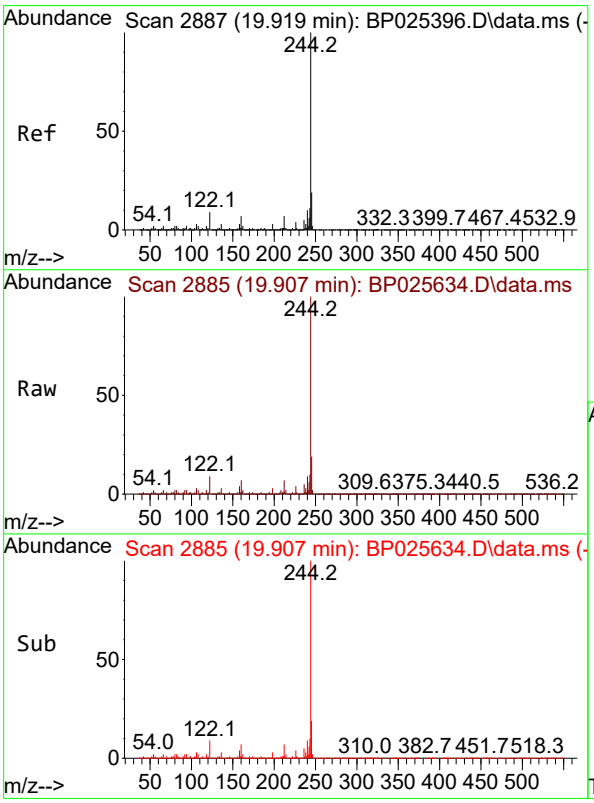
#78
Pyrene
Concen: 6.578 ng
RT: 19.689 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Instrument :
BNA_P
ClientSampleId :
SP-B

Tgt Ion:202 Resp: 352944

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.5	14.2	21.2

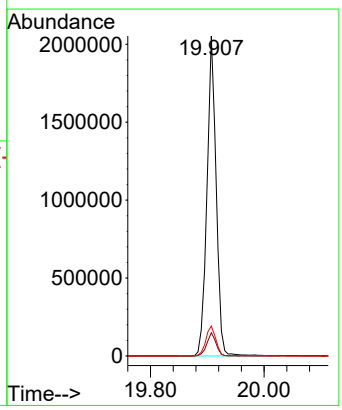


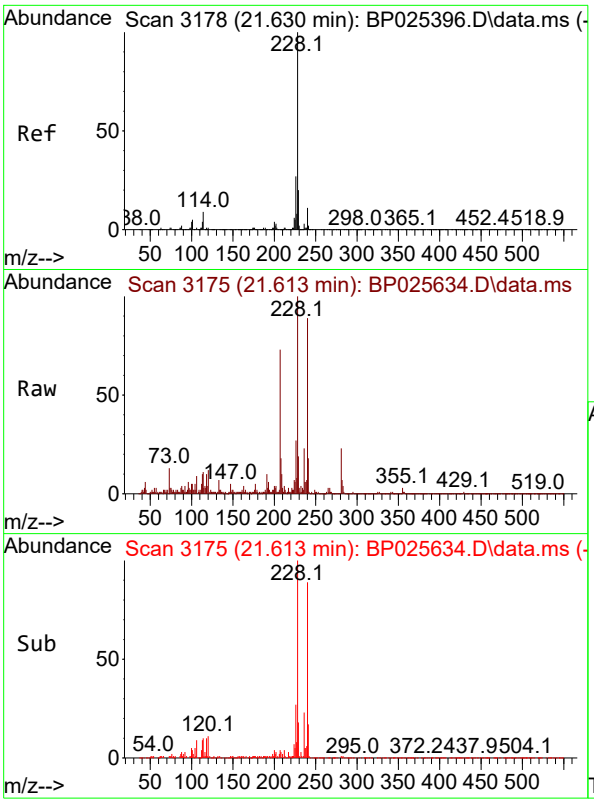


#79
Terphenyl-d14
Concen: 50.959 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.012 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Tgt Ion:244 Resp: 2299419

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.4	7.4	11.2



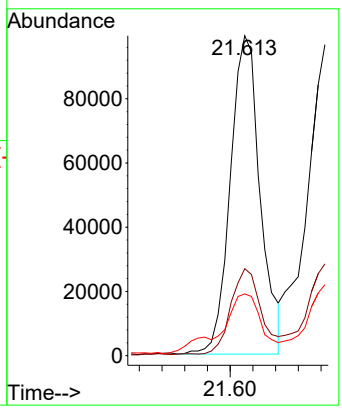


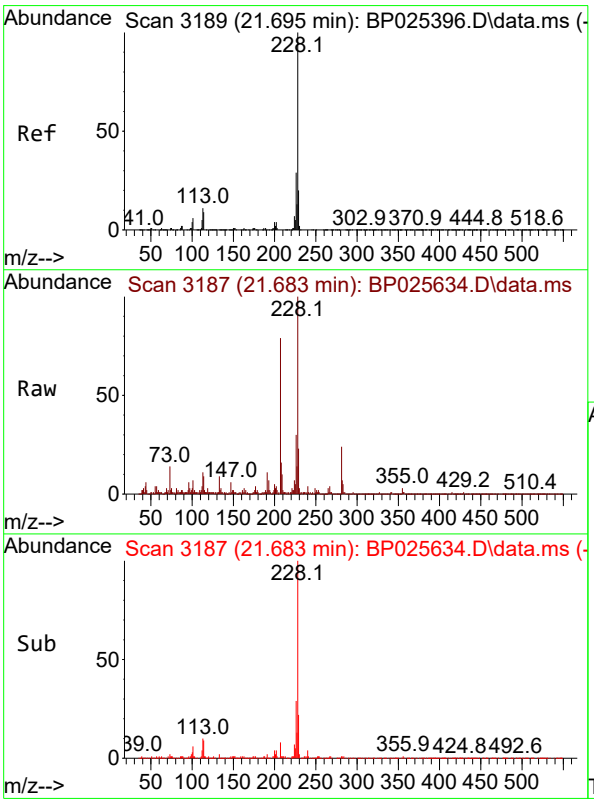
#81
Benzo(a)anthracene
Concen: 3.328 ng
RT: 21.613 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Instrument :
BNA_P
ClientSampleId :
SP-B

Tgt Ion:228 Resp: 181182

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	19.3	15.6	23.4

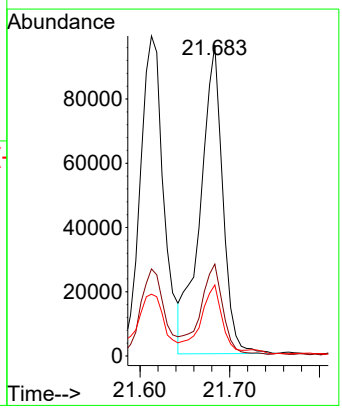


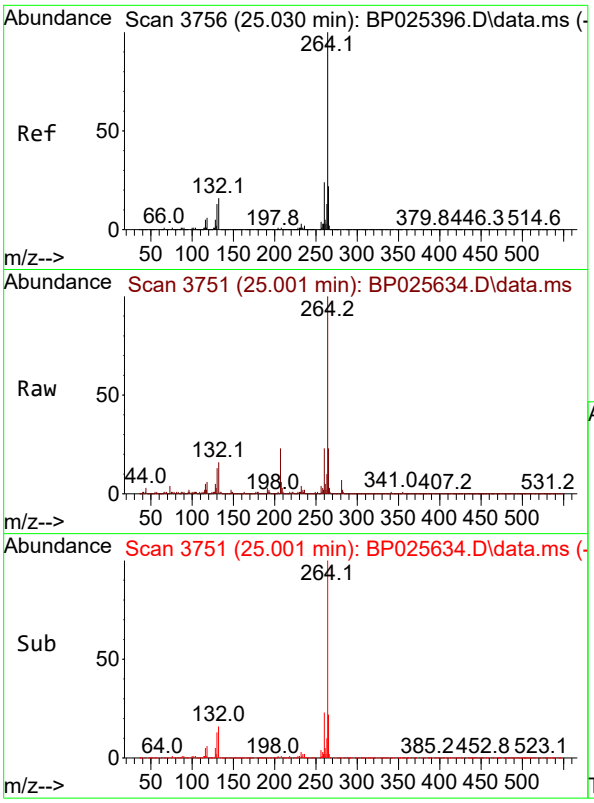


#83
Chrysene
Concen: 3.290 ng
RT: 21.683 min Scan# 3187
Delta R.T. -0.012 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Tgt Ion:228 Resp: 167726

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	22.8	15.6	23.4



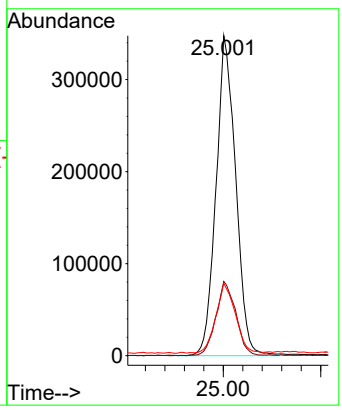


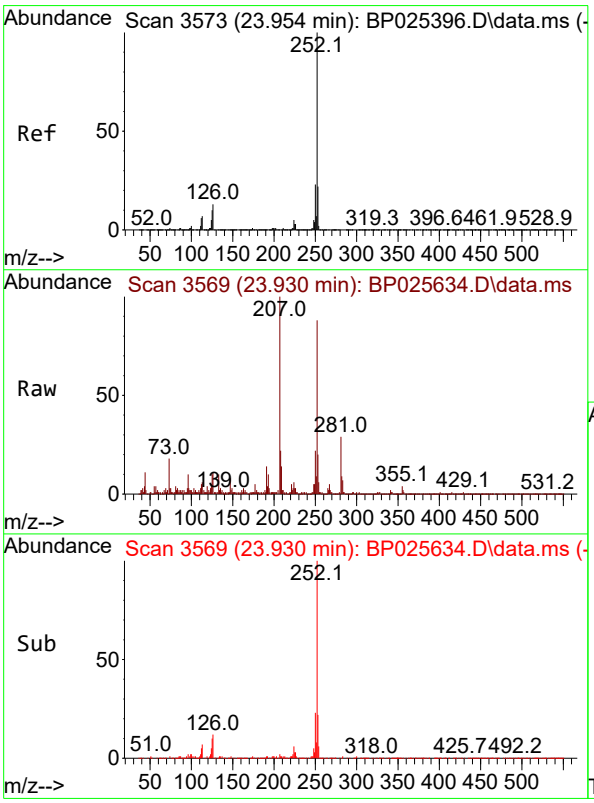
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Instrument :
BNA_P
ClientSampleId :
SP-B

Tgt Ion:264 Resp: 975461

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	22.6	17.4	26.0

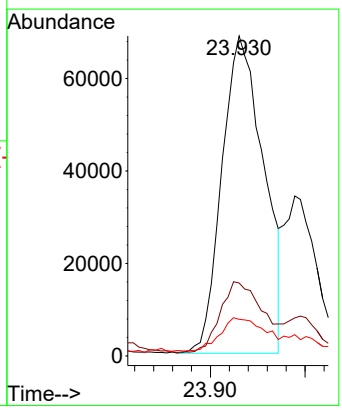


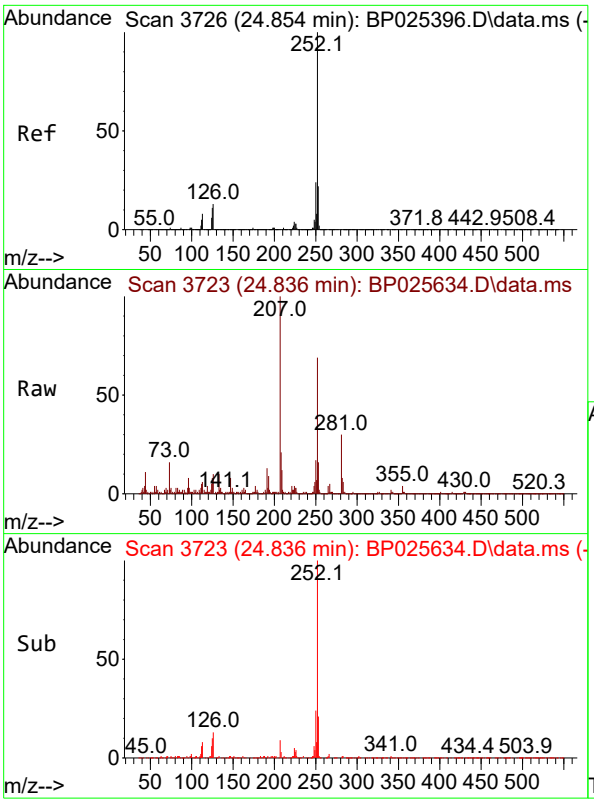


#88
Benzo(b)fluoranthene
Concen: 3.645 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.023 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Tgt Ion:252 Resp: 209646

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	11.4	7.9	11.9





#90
Benzo(a)pyrene
Concen: 2.964 ng
RT: 24.836 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025634.D
Acq: 29 Aug 2025 20:52

Instrument :
BNA_P
ClientSampleId :
SP-B

Tgt Ion:252 Resp: 165943

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	11.7	8.7	13.1