Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
Data File : BP025951.D
Acq On : 07 Oct 2025 20:43
Operator : RC/JU
Sample : Q3296-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Quant Time: Oct 08 01:23:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.737	152	232432	20.000	ng		-0.02
21) Naphthalene-d8	10.501	136	954563	20.000	ng		-0.02
39) Acenaphthene-d10	14.354	164	650883	20.000	ng		-0.02
64) Phenanthrene-d10	17.160	188	1188994	20.000	ng		-0.02
76) Chrysene-d12	21.589	240	894225	20.000	ng		-0.05
86) Perylene-d12	24.942	264	989762	20.000	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	230951	16.033	ng		0.00
7) Phenol-d6	6.955	99	280665	14.659	ng		0.00
23) Nitrobenzene-d5	8.890	82	185713	8.582	ng		-0.01
42) 2,4,6-Tribromophenol	15.884	330	127418	15.695	ng		-0.02
45) 2-Fluorobiphenyl	12.966	172	465769	9.528	ng		-0.02
79) Terphenyl-d14	19.872	244	617298	12.419	ng		-0.04
Target Compounds							Qvalue
71) Phenanthrene	17.201	178	150868	2.237	ng		99
75) Fluoranthene	19.283	202	306548	3.790	ng		99
78) Pyrene	19.654	202	305358	5.118	ng		98
81) Benzo(a)anthracene	21.571	228	159601	2.607	ng		95
83) Chrysene	21.636	228	166981	2.861	ng		97
88) Benzo(b)fluoranthene	23.895	252	210227	3.473	ng	#	89
90) Benzo(a)pyrene	24.777	252	152005	2.564	ng	#	86

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
Data File : BP025951.D
Acq On : 07 Oct 2025 20:43
Operator : RC/JU
Sample : Q3296-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Quant Time: Oct 08 01:23:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
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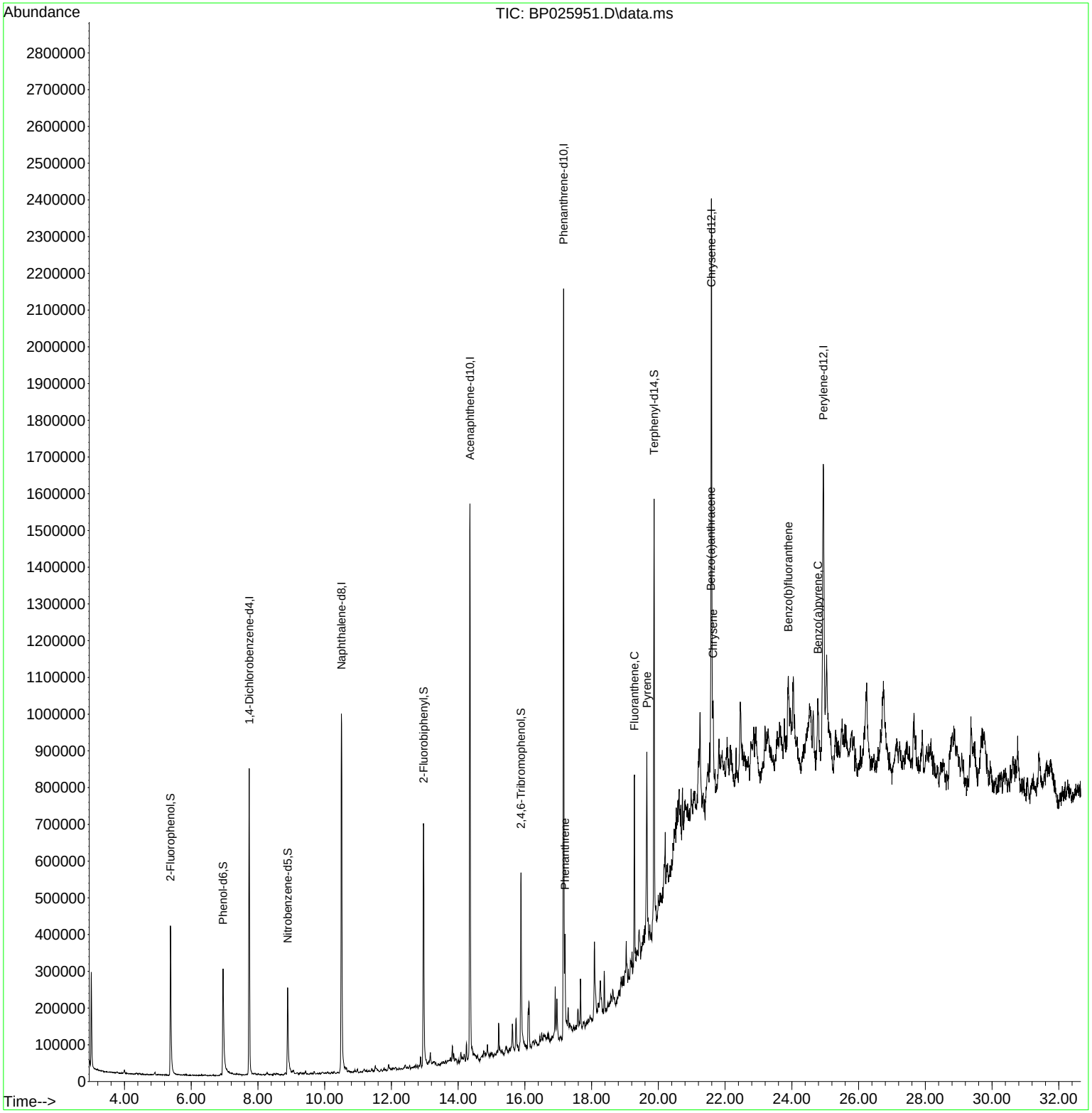
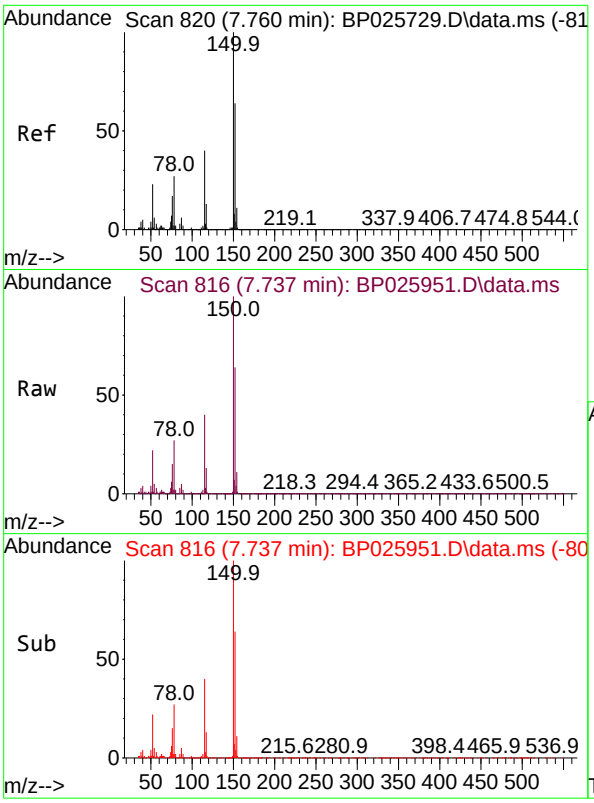


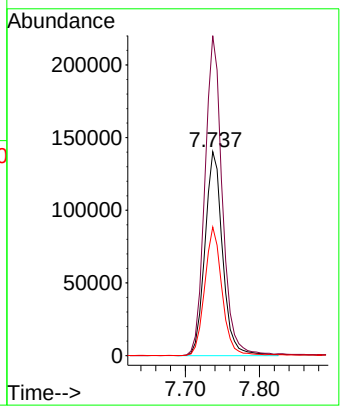


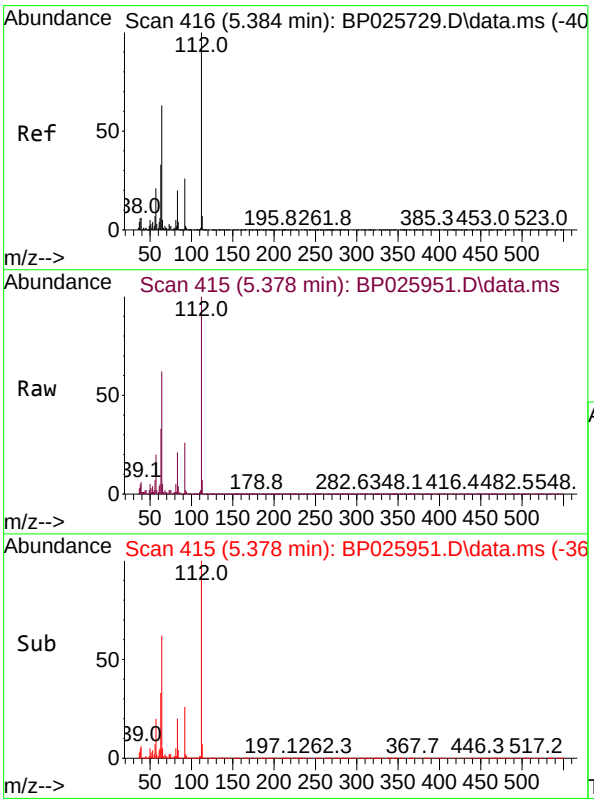
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Tgt Ion:152 Resp: 232432

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.3	186.5
115	63.0	50.3	75.5

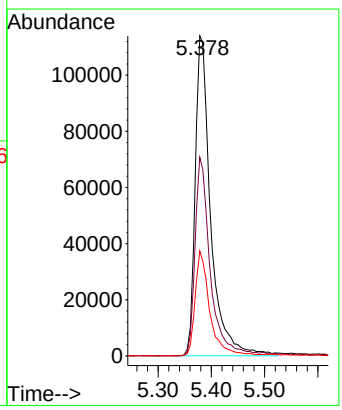


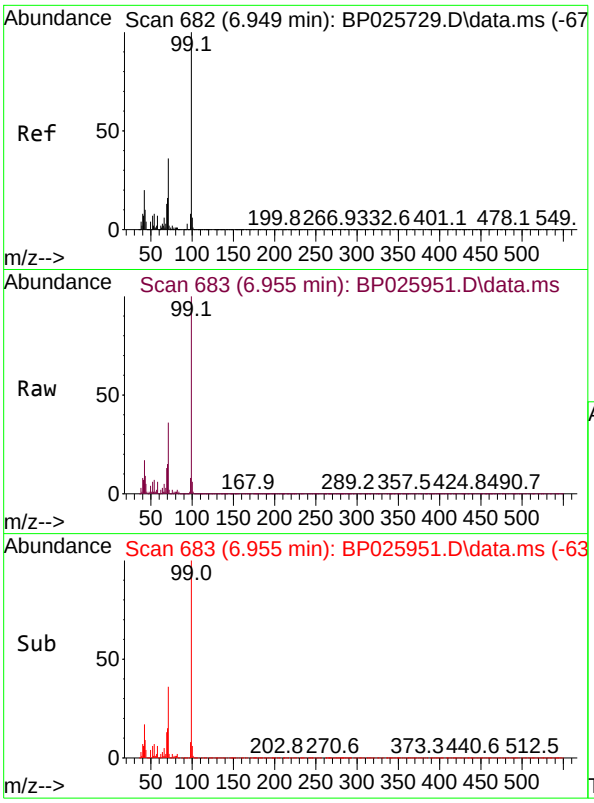


#5
2-Fluorophenol
Concen: 16.033 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Tgt Ion:112 Resp: 230951

Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.4
63	32.8	26.7	40.1



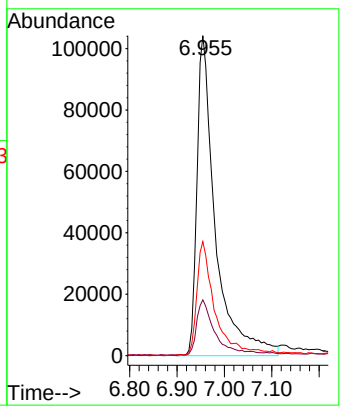


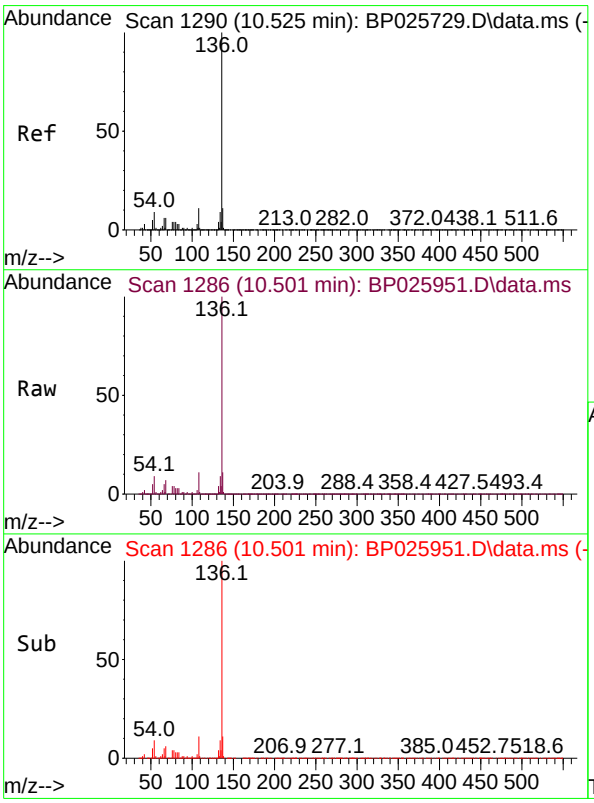
#7
Phenol-d6
Concen: 14.659 ng
RT: 6.955 min Scan# 68
Delta R.T. 0.006 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Tgt Ion: 99 Resp: 280665

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.6	23.4
71	35.6	28.6	43.0

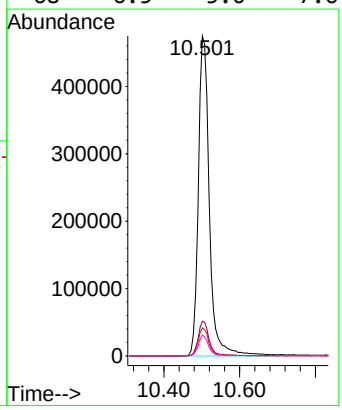


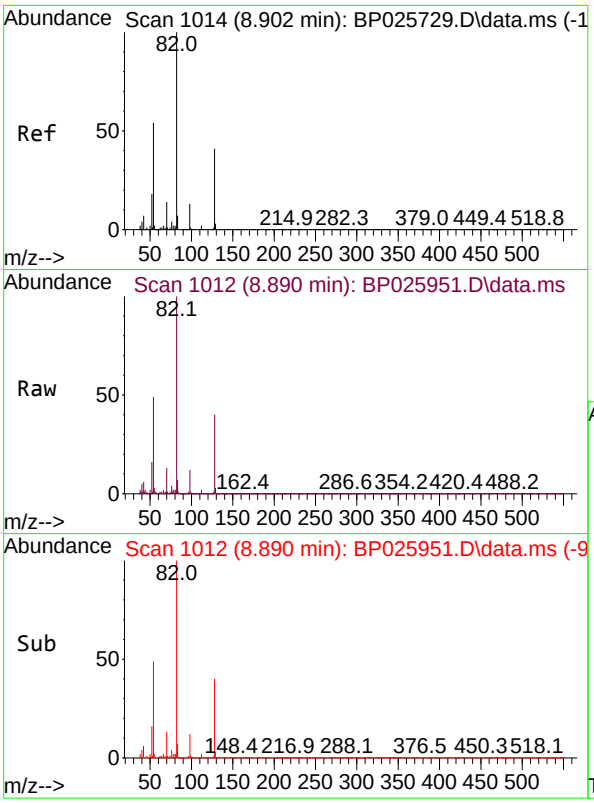


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. -0.024 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Tgt Ion:136 Resp: 954563

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.7	7.5	11.3
68	6.5	5.0	7.6



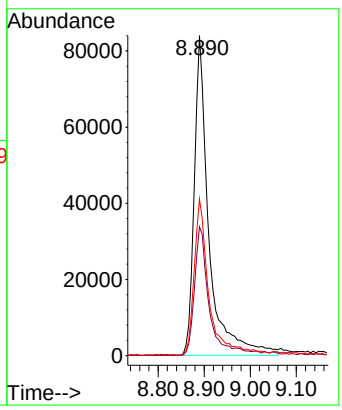


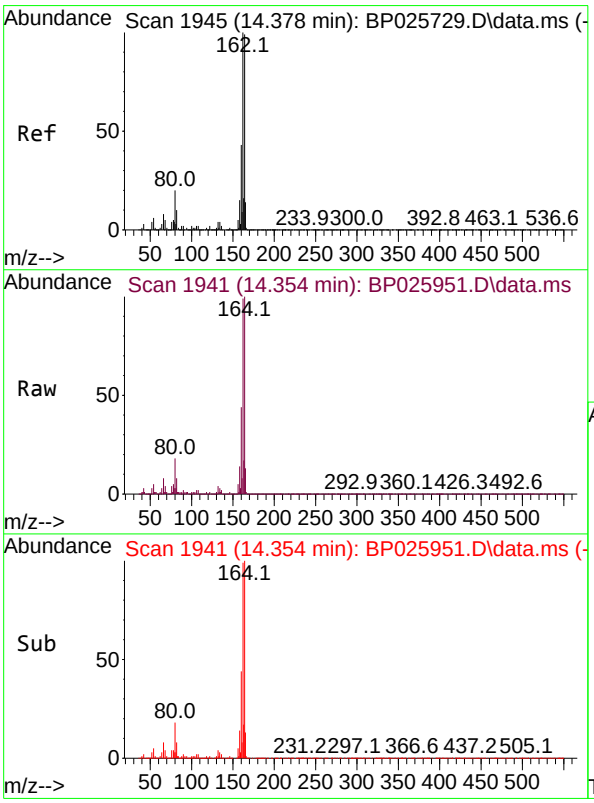
#23
Nitrobenzene-d5
Concen: 8.582 ng
RT: 8.890 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Tgt Ion: 82 Resp: 185713

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.9	49.3
54	49.0	43.4	65.2

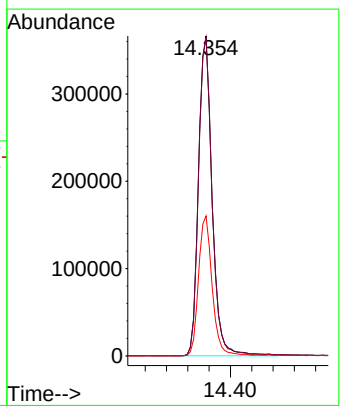


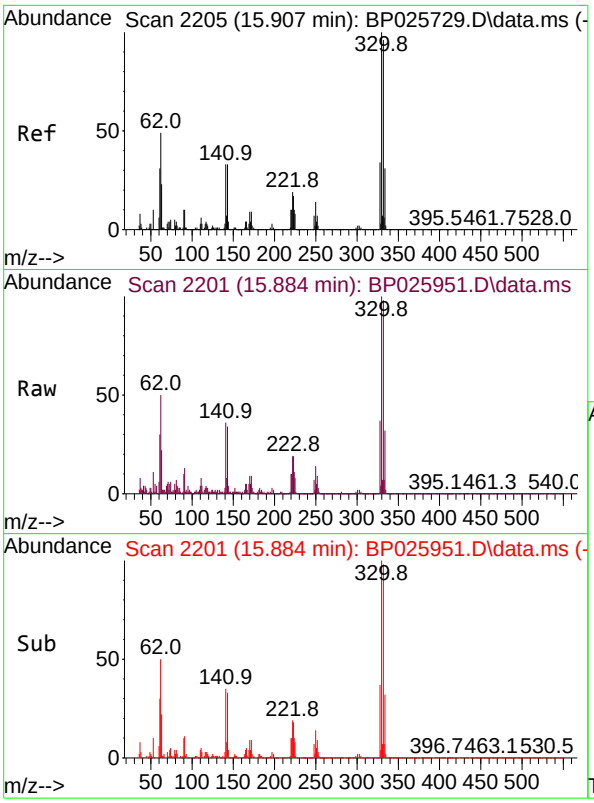


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.024 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Tgt Ion:164 Resp: 650883

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.6	120.8
160	43.7	35.0	52.6



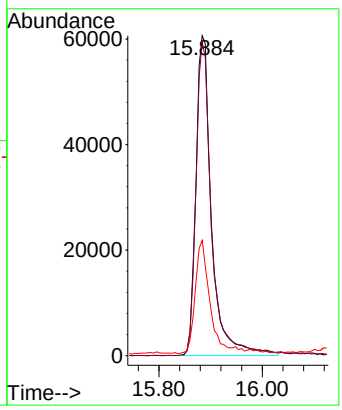


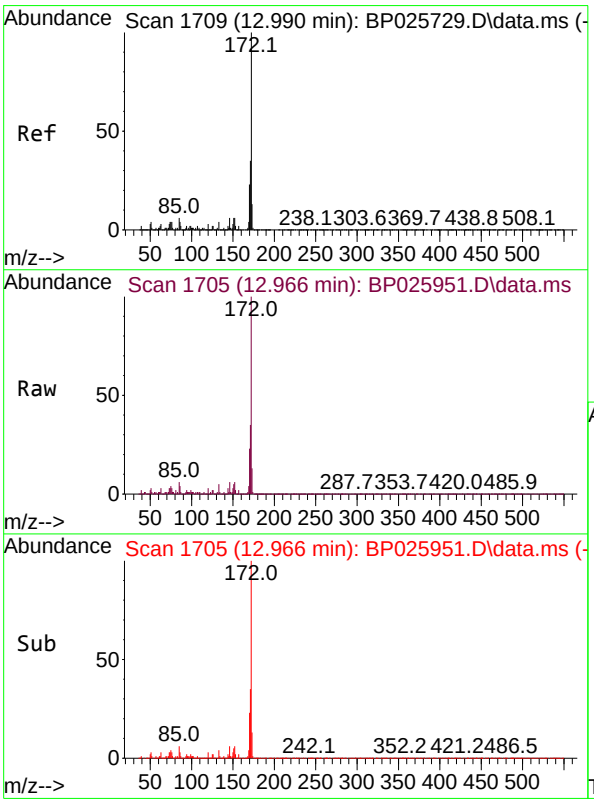
#42
2,4,6-Tribromophenol
Concen: 15.695 ng
RT: 15.884 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Tgt Ion:330 Resp: 127418

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	33.6	31.0	46.4

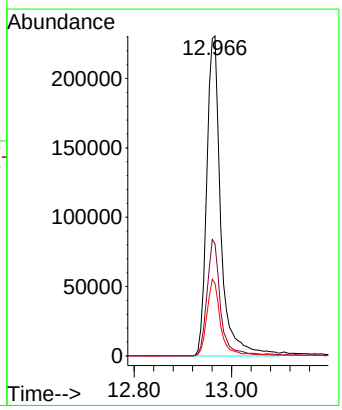


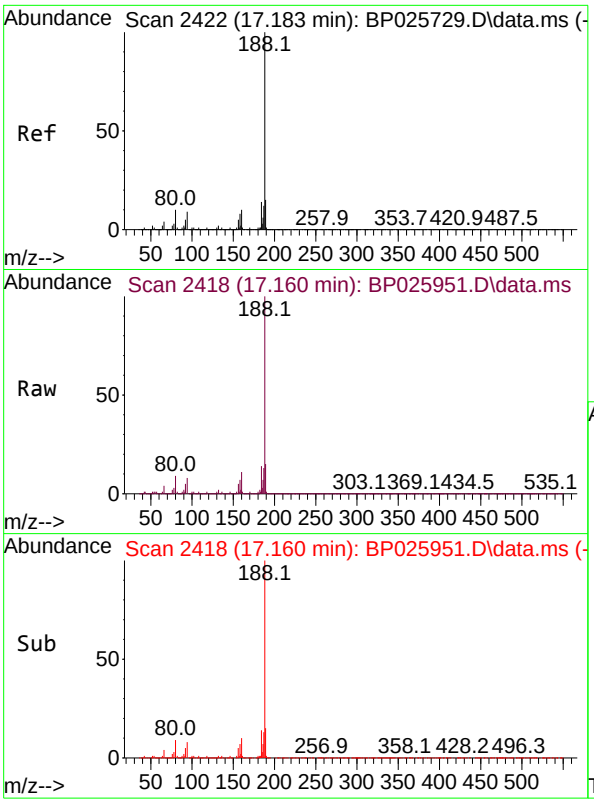


#45
2-Fluorobiphenyl
Concen: 9.528 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.024 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Tgt Ion:172 Resp: 465769

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	22.7	18.6	27.8



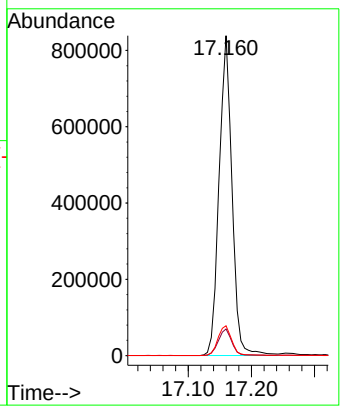


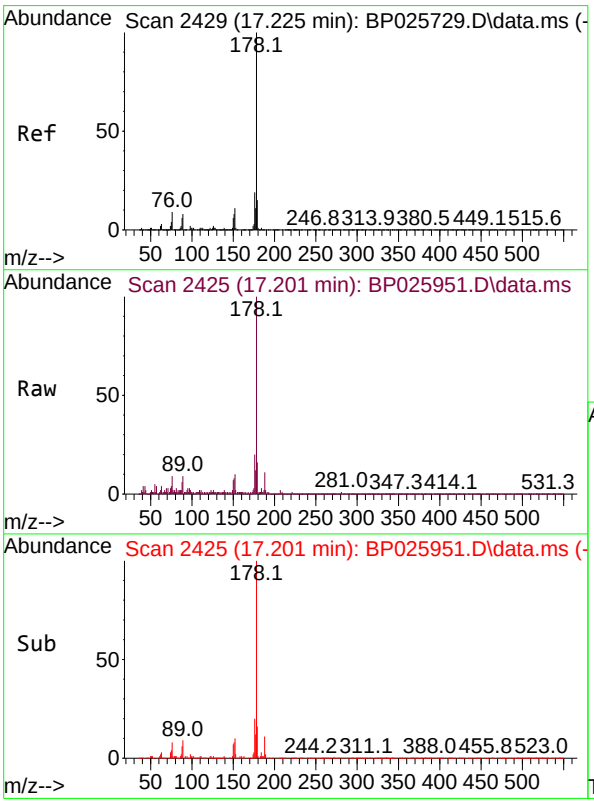
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 24
Delta R.T. -0.024 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Tgt Ion:188 Resp: 1188994

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.0
80	9.3	7.7	11.5

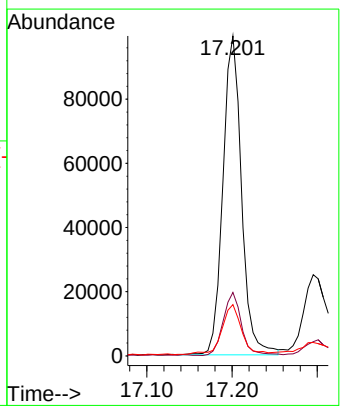


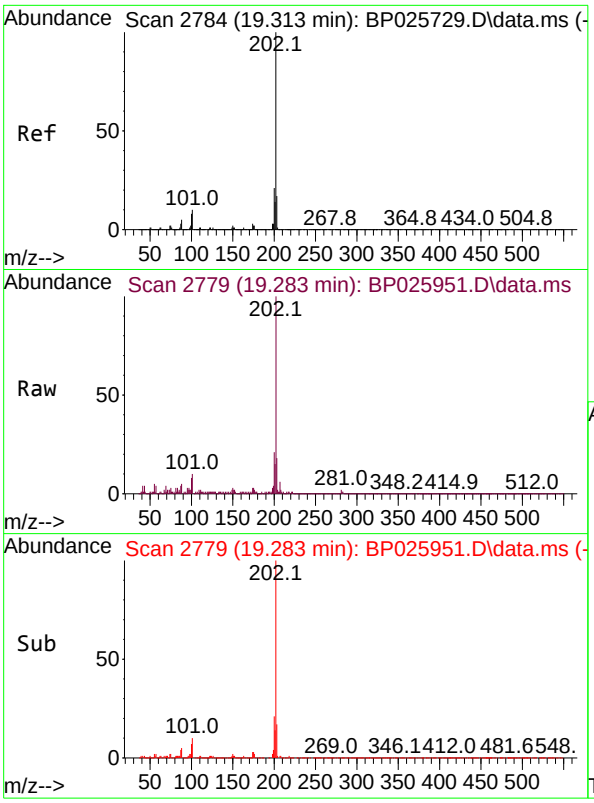


#71
Phenanthrene
Concen: 2.237 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.024 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Tgt Ion:178 Resp: 150868

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.0	12.2	18.4



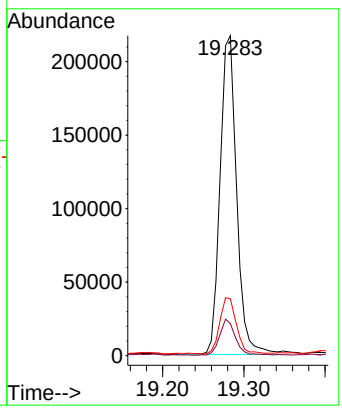


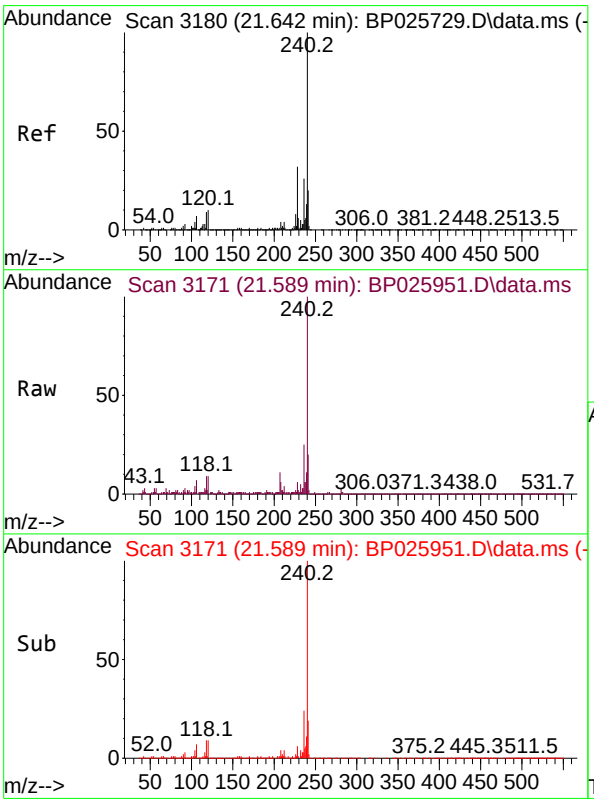
#75
Fluoranthene
Concen: 3.790 ng
RT: 19.283 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Tgt Ion:202 Resp: 306548

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.4
203	17.8	0.0	37.4

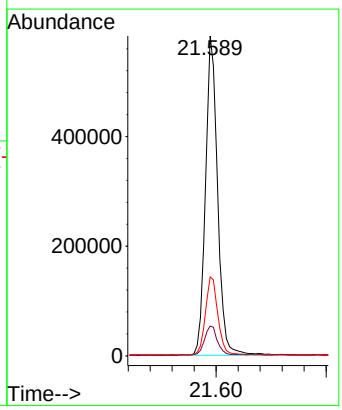


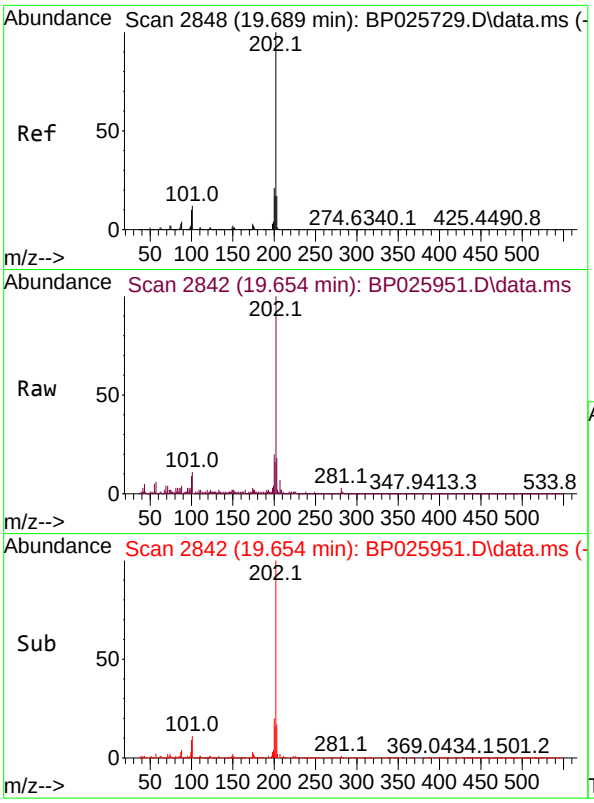


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. -0.053 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Tgt Ion:240 Resp: 894225

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.0	12.0
236	24.7	20.7	31.1



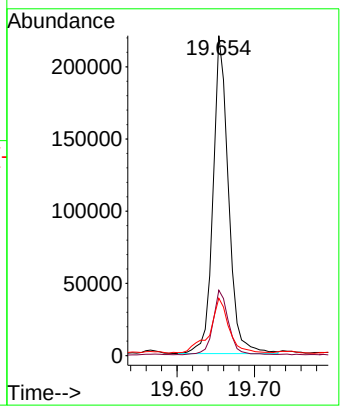


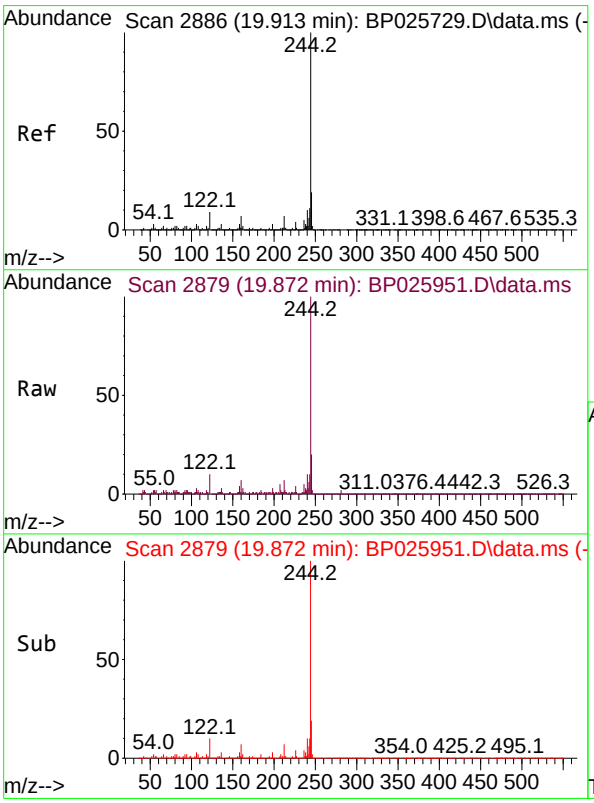
#78
Pyrene
Concen: 5.118 ng
RT: 19.654 min Scan# 2
Delta R.T. -0.035 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Tgt Ion:202 Resp: 305358

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	17.9	13.9	20.9

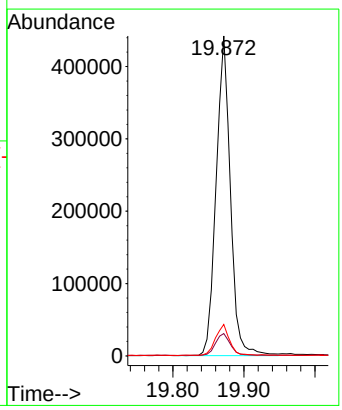


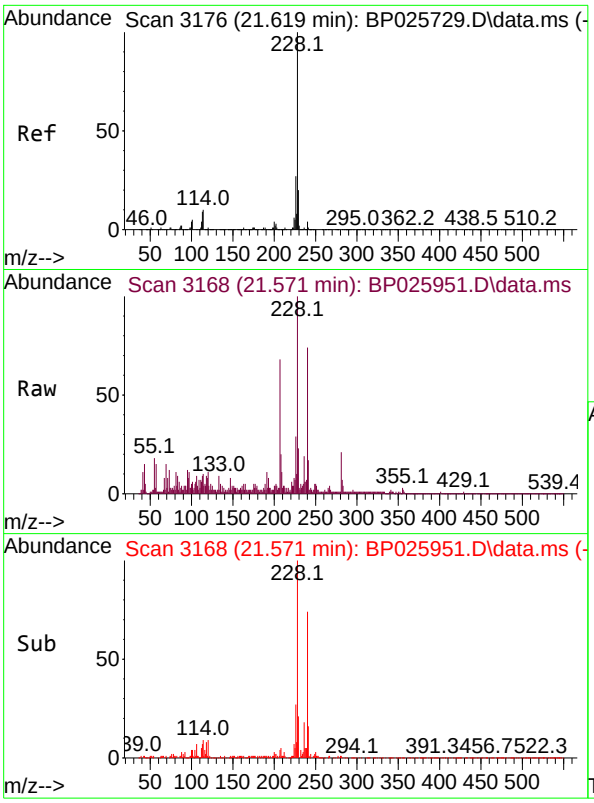


#79
Terphenyl-d14
Concen: 12.419 ng
RT: 19.872 min Scan# 2879
Delta R.T. -0.041 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Tgt Ion:244 Resp: 617298

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	9.8	7.1	10.7



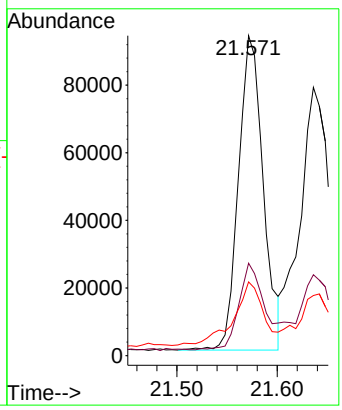


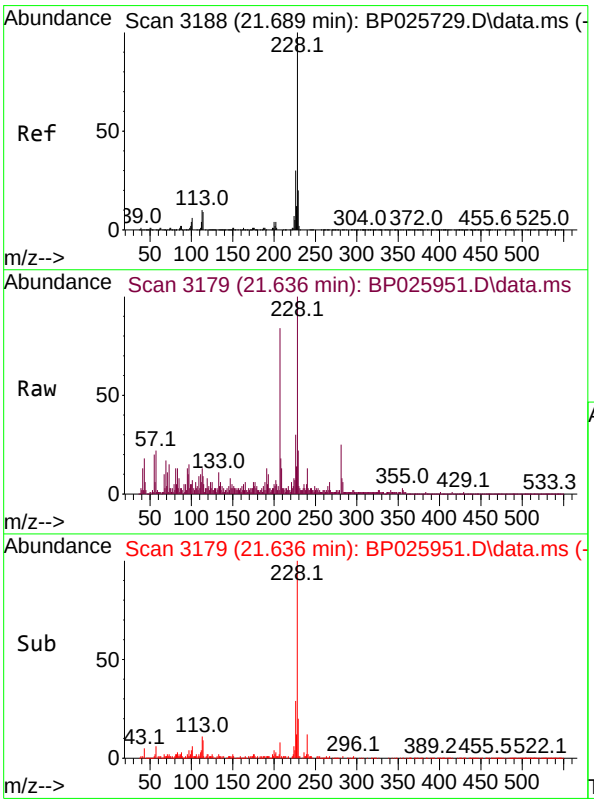
#81
Benzo(a)anthracene
Concen: 2.607 ng
RT: 21.571 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Tgt Ion:228 Resp: 159601

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.6	32.4
229	23.0	15.7	23.5

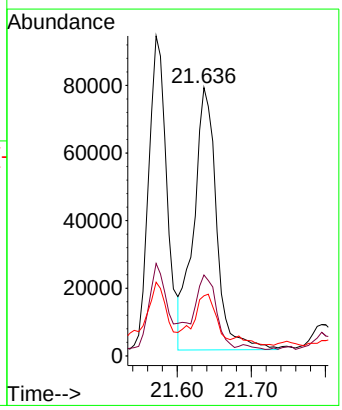


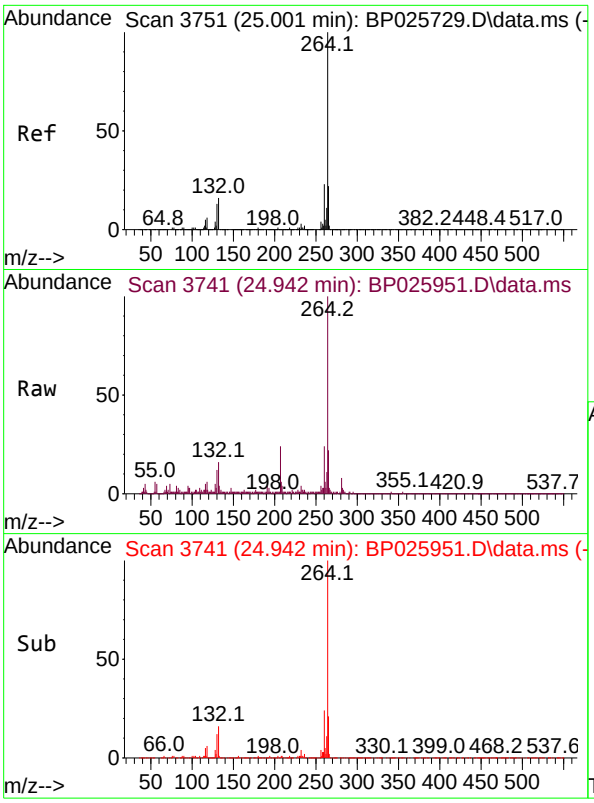


#83
Chrysene
Concen: 2.861 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.053 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Tgt Ion:228 Resp: 166981

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	22.4	15.6	23.4



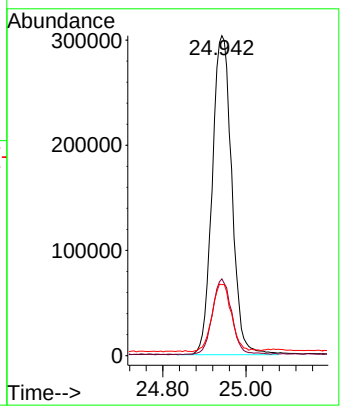


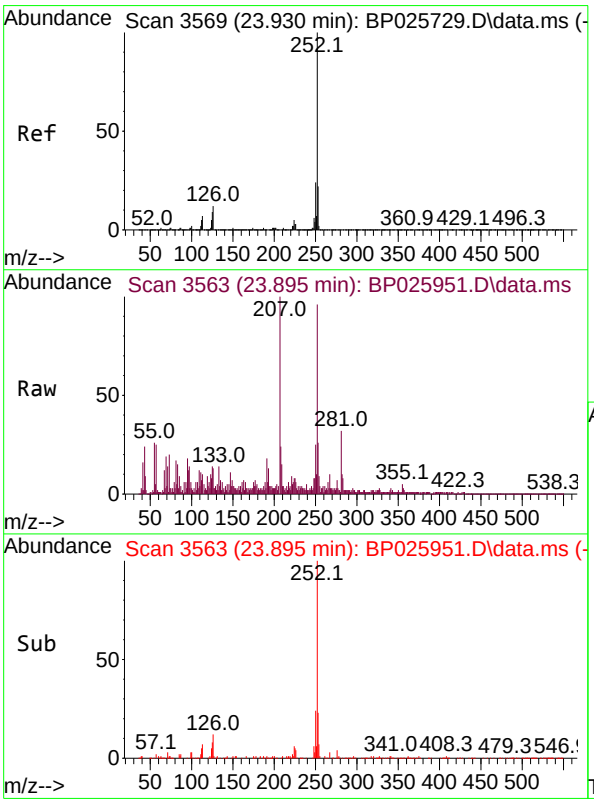
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.942 min Scan# 3
Delta R.T. -0.059 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Tgt Ion:264 Resp: 989762

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	22.2	17.3	25.9

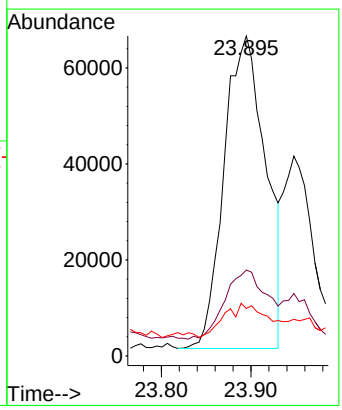


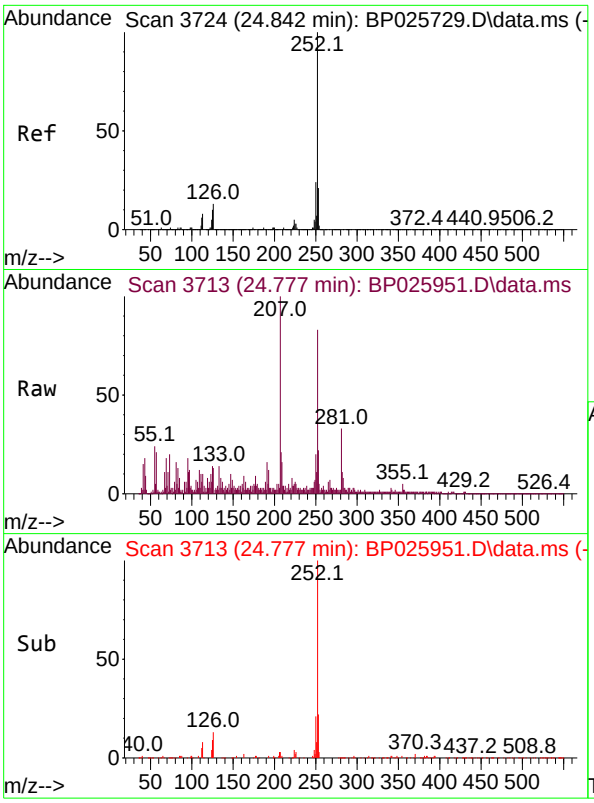


#88
Benzo(b)fluoranthene
Concen: 3.473 ng
RT: 23.895 min Scan# 3563
Delta R.T. -0.035 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Tgt Ion:252 Resp: 210227

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	14.8	7.3	10.9#





#90
Benzo(a)pyrene
Concen: 2.564 ng
RT: 24.777 min Scan# 3
Delta R.T. -0.065 min
Lab File: BP025951.D
Acq: 07 Oct 2025 20:43

Instrument :
BNA_P
ClientSampleId :
SU-04-10062025

Tgt Ion:252 Resp: 152005

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.2	25.8#
125	17.0	8.3	12.5#