Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
Data File : BP025765.D
Acq On : 16 Sep 2025 19:56
Operator : CG/JU
Sample : Q3104-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Quant Time: Sep 17 05:12:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	180907	20.000	ng		0.00
21) Naphthalene-d8	10.519	136	674086	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	427237	20.000	ng		0.00
64) Phenanthrene-d10	17.178	188	839971	20.000	ng		0.00
76) Chrysene-d12	21.630	240	942010	20.000	ng		-0.01
86) Perylene-d12	24.995	264	1021629	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	106998	9.543	ng		0.00
7) Phenol-d6	6.949	99	128886	8.649	ng		0.00
23) Nitrobenzene-d5	8.902	82	82959	5.429	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	44800	8.407	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	200273	6.242	ng		0.00
79) Terphenyl-d14	19.901	244	386767	7.386	ng		-0.01
Target Compounds							Qvalue
71) Phenanthrene	17.219	178	108830	2.284	ng		100
75) Fluoranthene	19.313	202	292668	5.121	ng		100
78) Pyrene	19.689	202	287292	4.571	ng		99
81) Benzo(a)anthracene	21.607	228	173267	2.687	ng		99
83) Chrysene	21.677	228	161272	2.623	ng		97
88) Benzo(b)fluoranthene	23.918	252	201167	3.220	ng	#	98
90) Benzo(a)pyrene	24.830	252	157228	2.570	ng		93

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
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Operator : CG/JU
Sample : Q3104-01 5X
Misc :
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Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Quant Time: Sep 17 05:12:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
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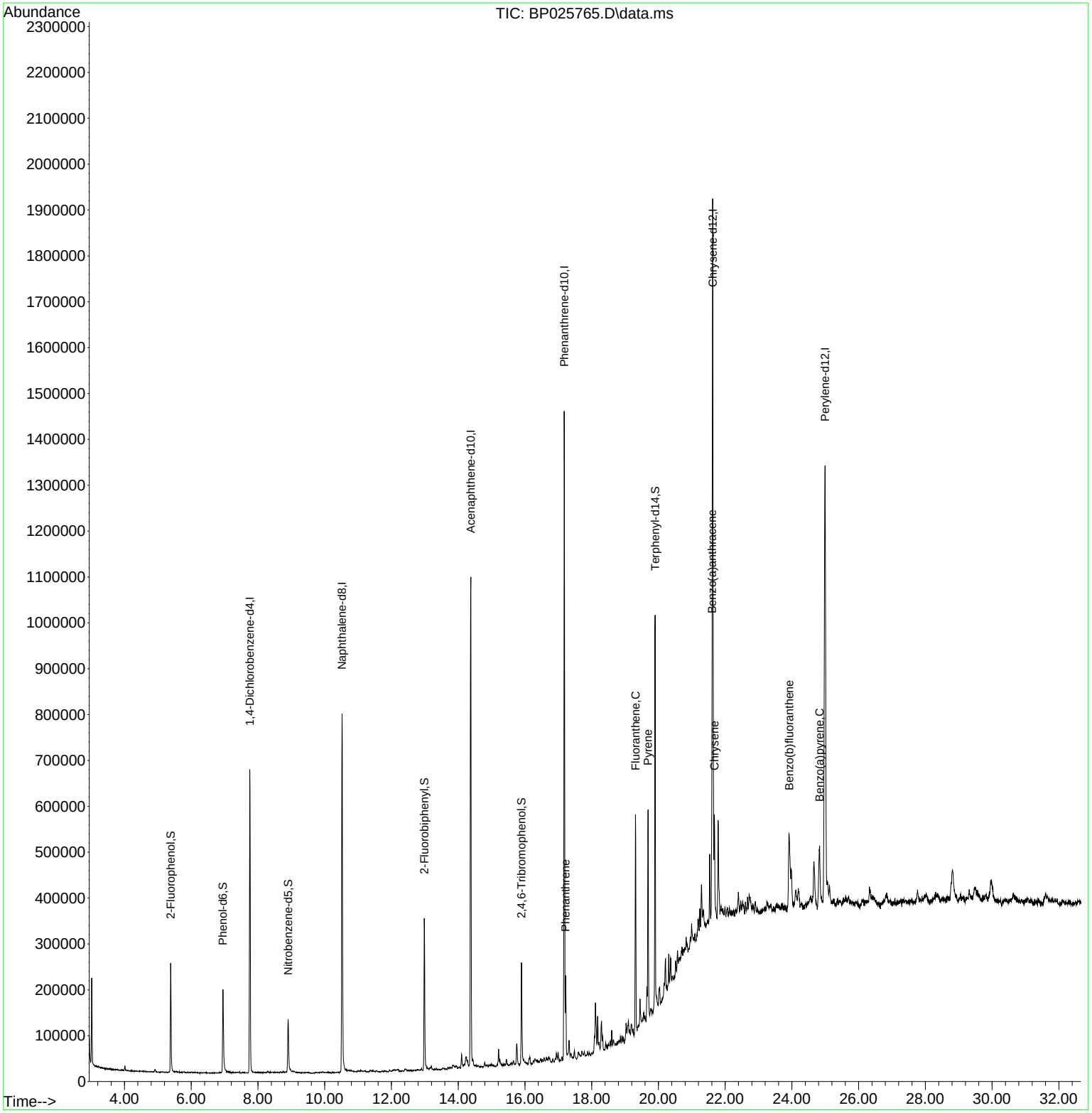
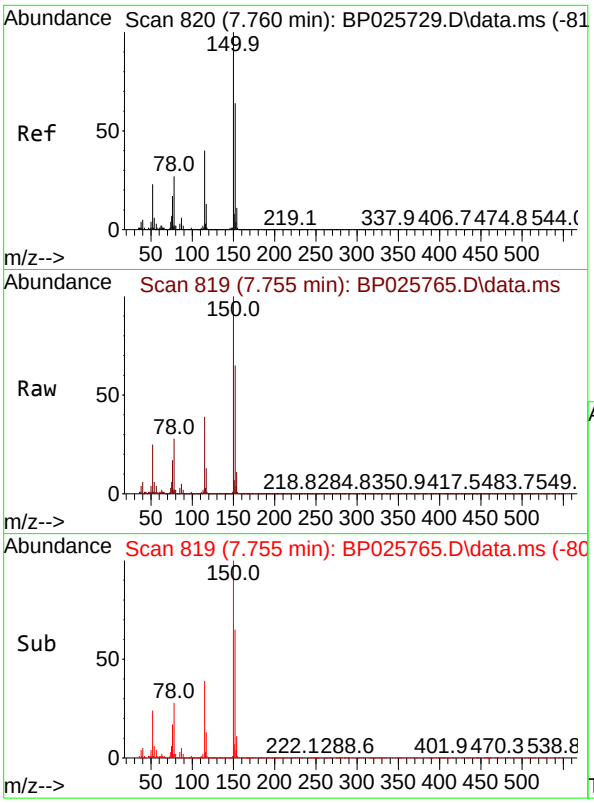


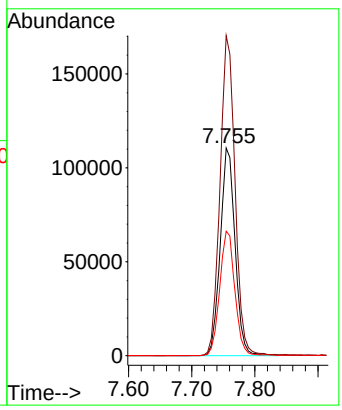


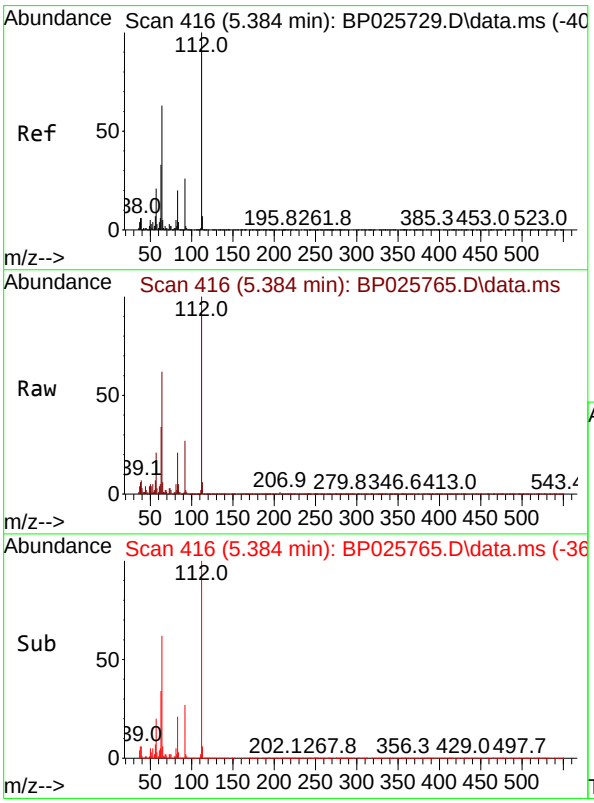
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 8
Delta R.T. -0.005 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Tgt Ion:152 Resp: 180907

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.3	186.5
115	60.0	50.3	75.5

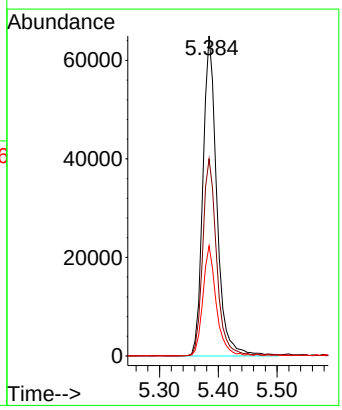


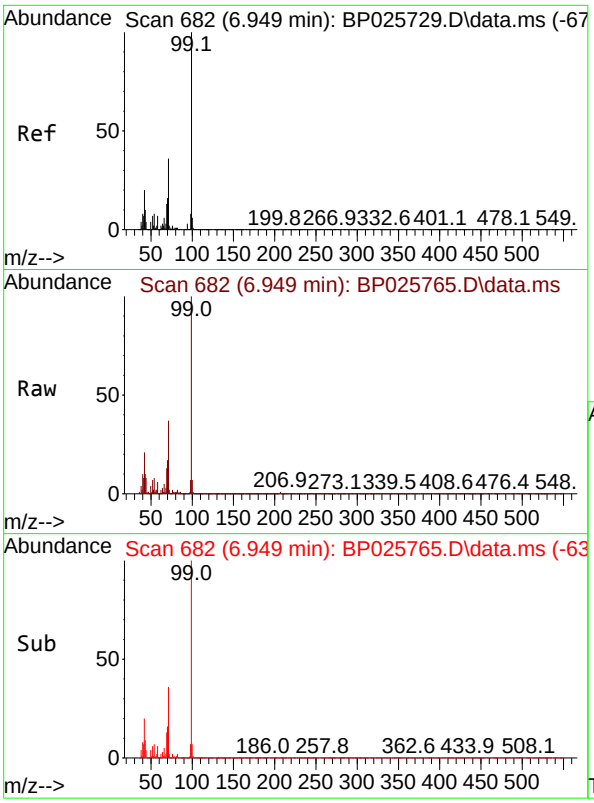


#5
2-Fluorophenol
Concen: 9.543 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Tgt Ion:112 Resp: 106998

Ion	Ratio	Lower	Upper
112	100		
64	61.6	50.2	75.4
63	34.4	26.7	40.1



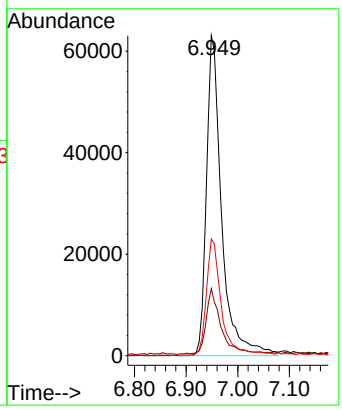


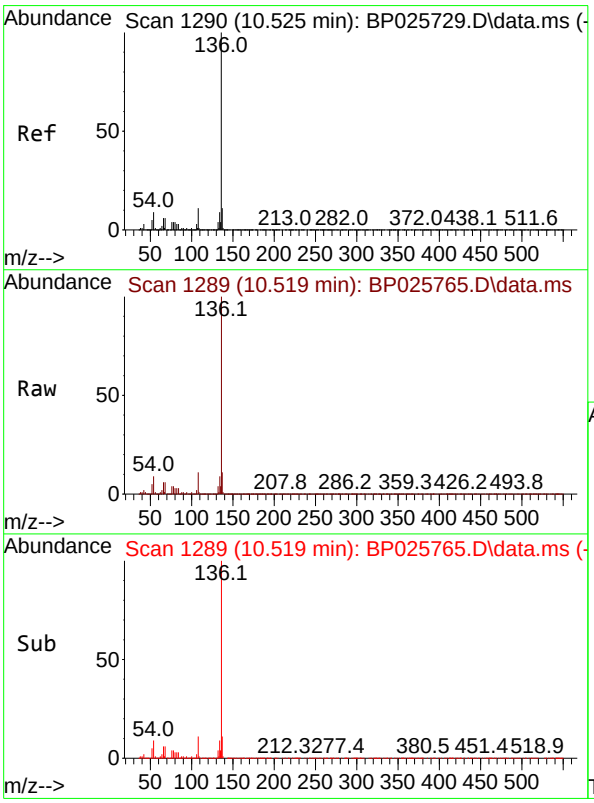
#7
Phenol-d6
Concen: 8.649 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Tgt Ion: 99 Resp: 128886

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.6	23.4
71	36.5	28.6	43.0

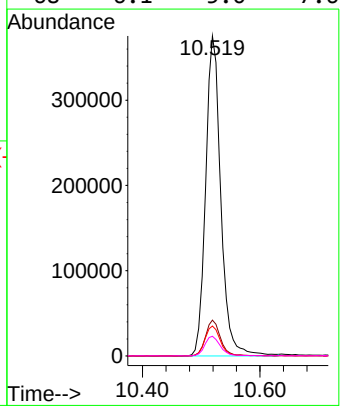


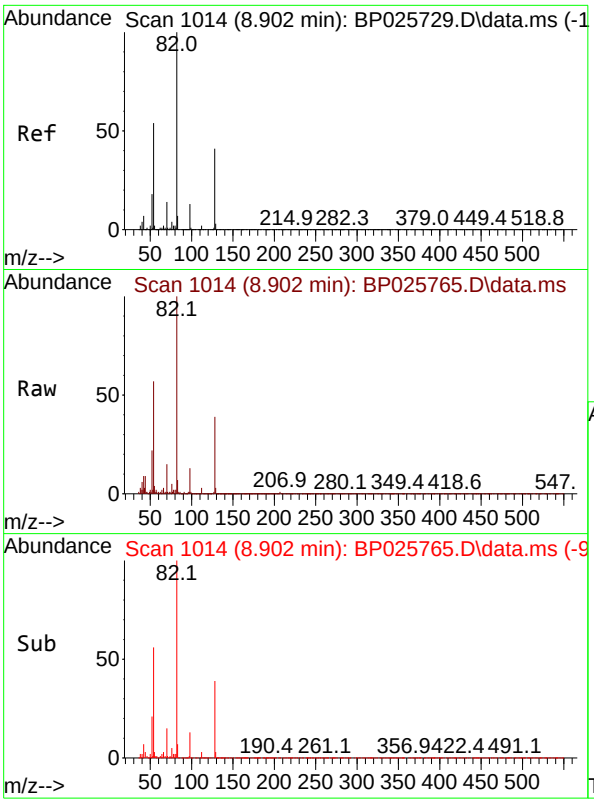


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Tgt Ion:136 Resp: 674086

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.4	7.5	11.3
68	6.1	5.0	7.6



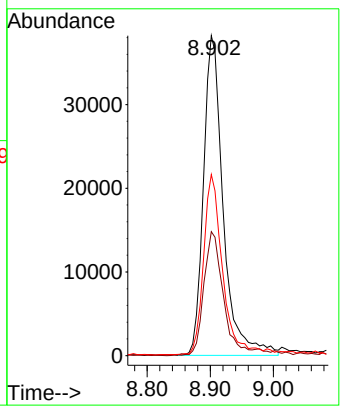


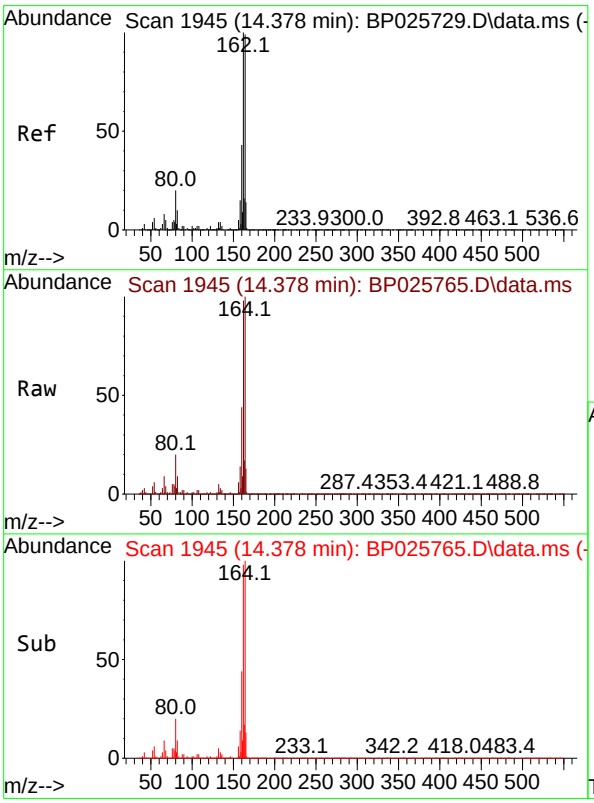
#23
Nitrobenzene-d5
Concen: 5.429 ng
RT: 8.902 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Tgt Ion: 82 Resp: 82959

Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.9	49.3
54	56.6	43.4	65.2

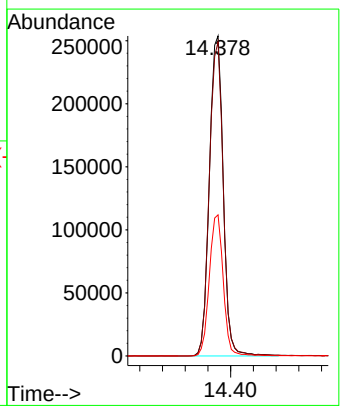


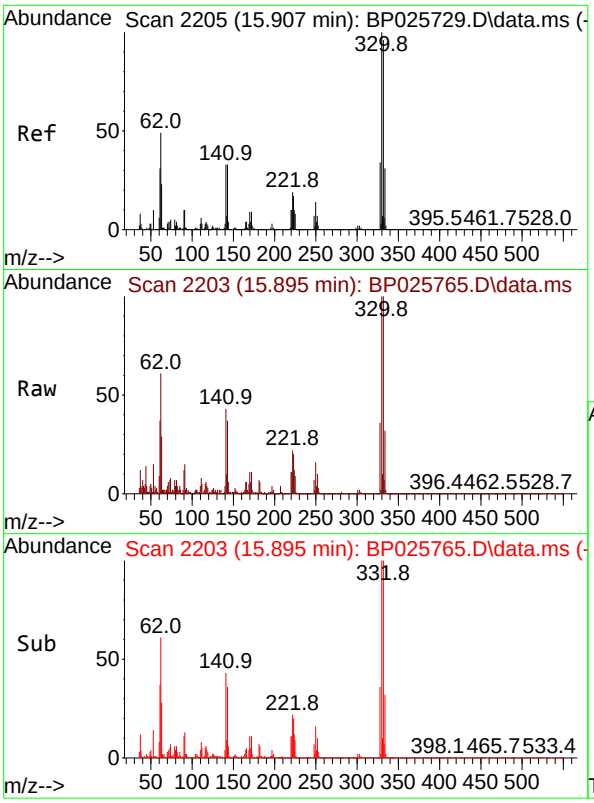


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Tgt Ion:164 Resp: 427237

Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.6	120.8
160	44.1	35.0	52.6



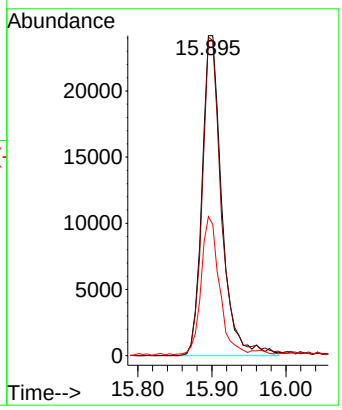


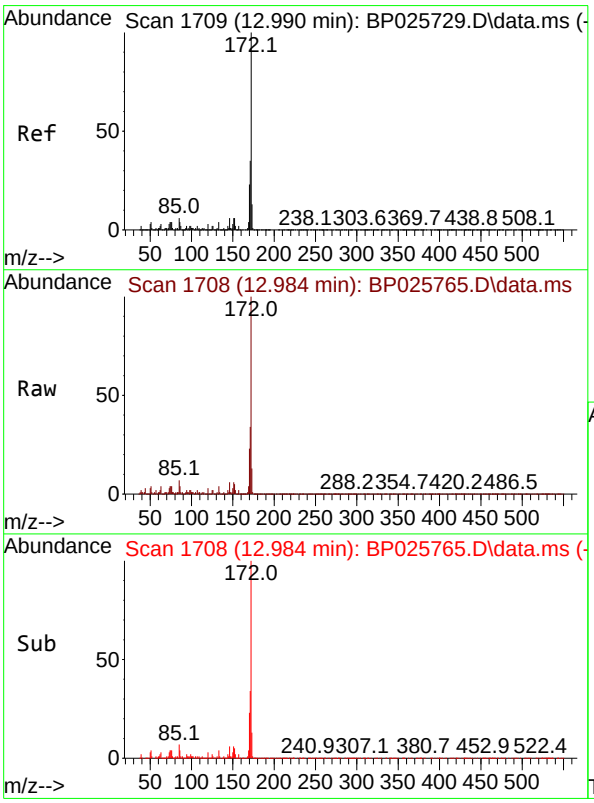
#42
2,4,6-Tribromophenol
Concen: 8.407 ng
RT: 15.895 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Tgt Ion:330 Resp: 44800

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	39.7	31.0	46.4

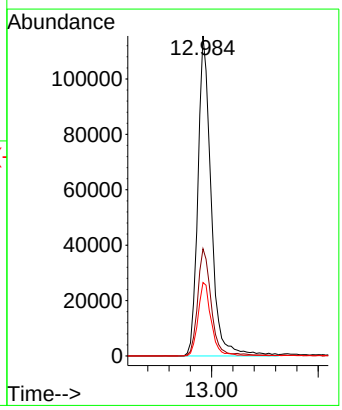


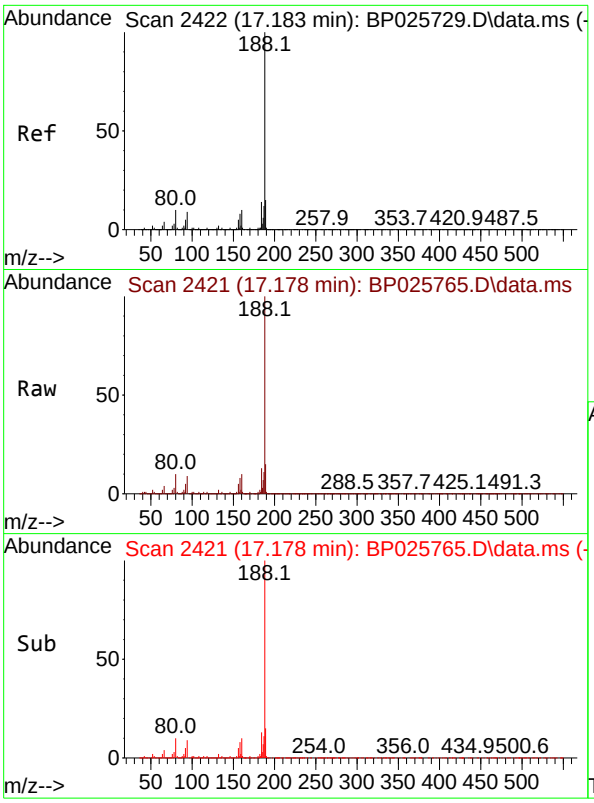


#45
2-Fluorobiphenyl
Concen: 6.242 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Tgt Ion:172 Resp: 200273

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.8	41.6
170	22.9	18.6	27.8



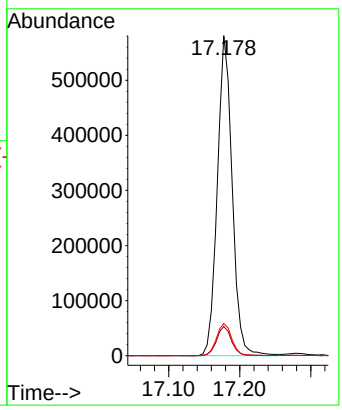


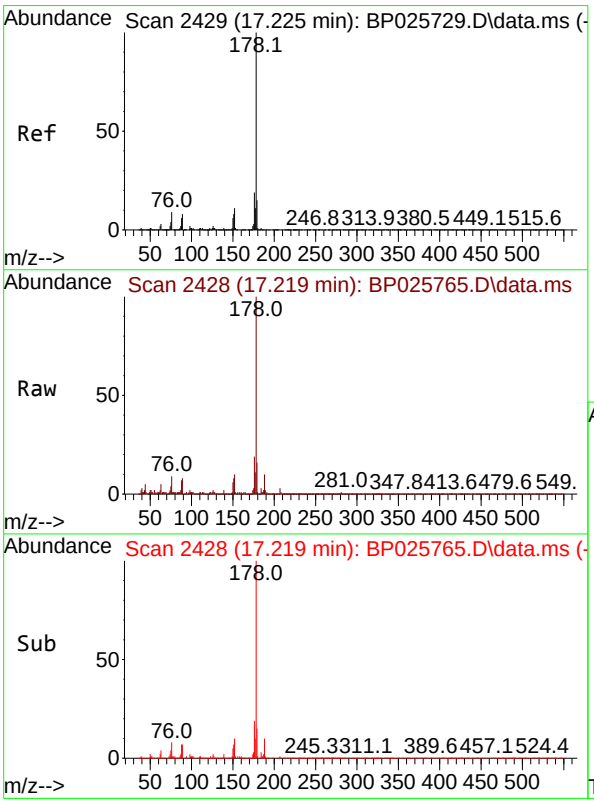
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Tgt Ion:188 Resp: 839971

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.0
80	10.0	7.7	11.5

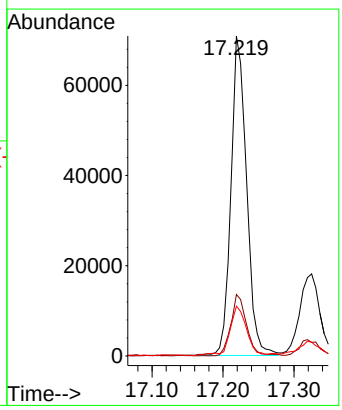


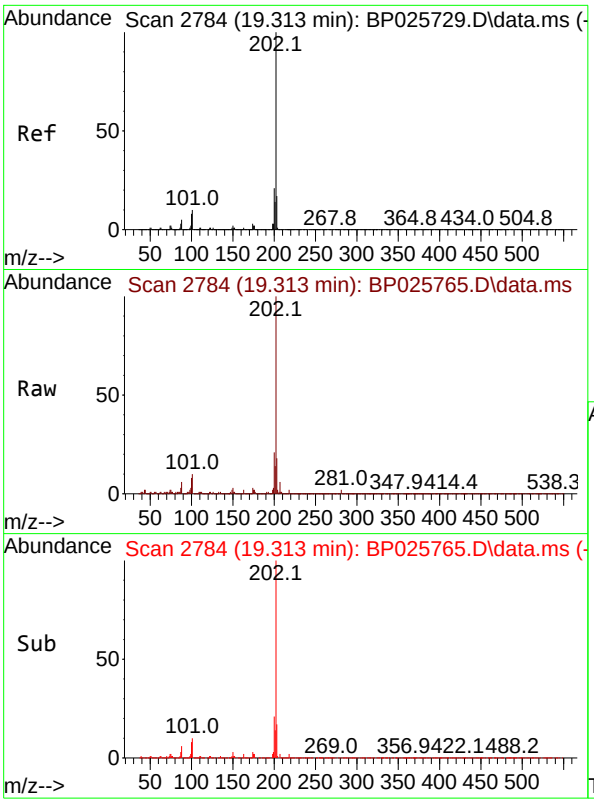


#71
Phenanthrene
Concen: 2.284 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Tgt Ion:178 Resp: 108830

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.2	18.4



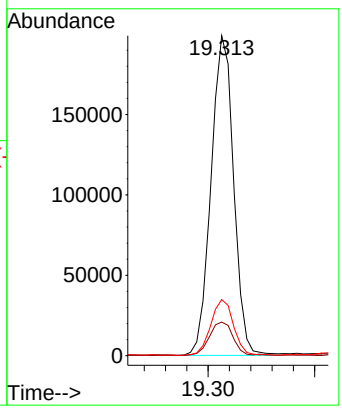


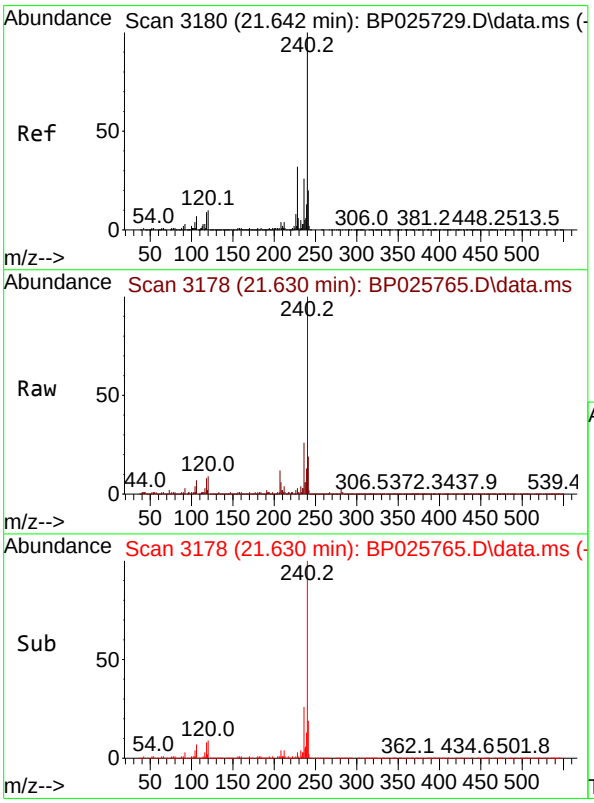
#75
Fluoranthene
Concen: 5.121 ng
RT: 19.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Tgt Ion:202 Resp: 292668

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.4
203	17.5	0.0	37.4

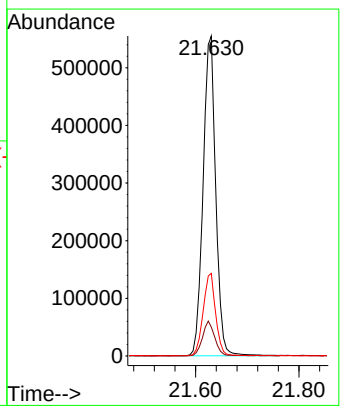


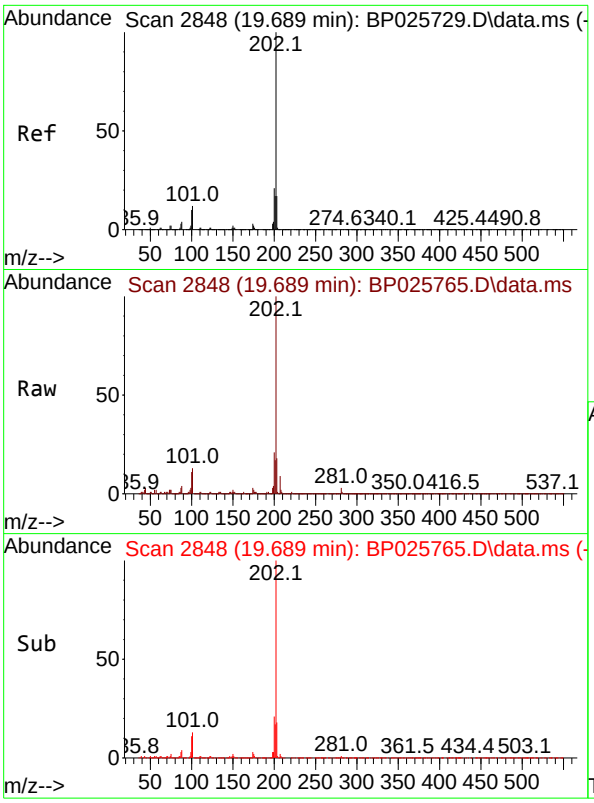


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Tgt Ion:240 Resp: 942010

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.0	12.0
236	25.8	20.7	31.1



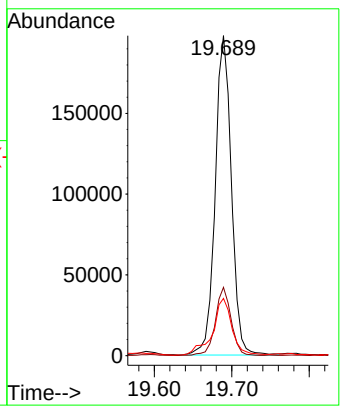


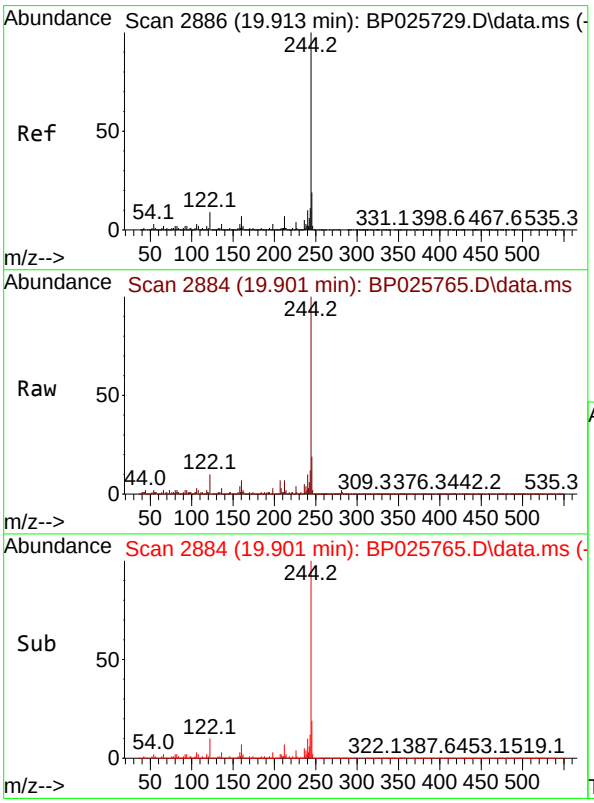
#78
Pyrene
Concen: 4.571 ng
RT: 19.689 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Tgt Ion:202 Resp: 287292

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.9	13.9	20.9

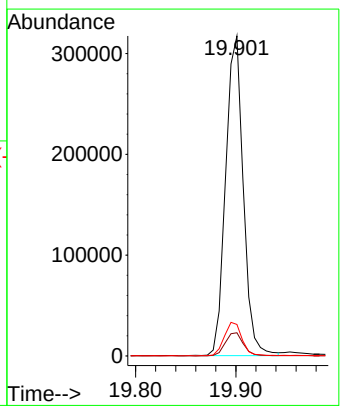


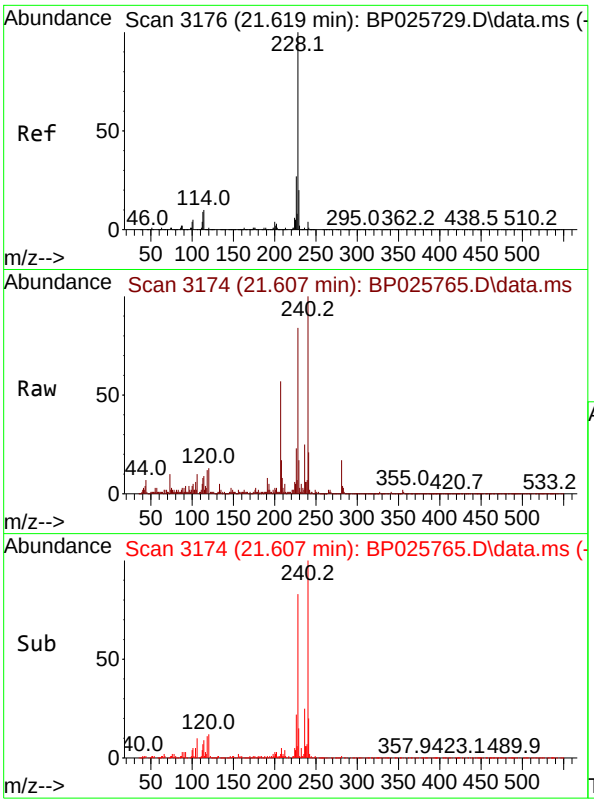


#79
Terphenyl-d14
Concen: 7.386 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Tgt Ion:244 Resp: 386767

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.9	7.1	10.7



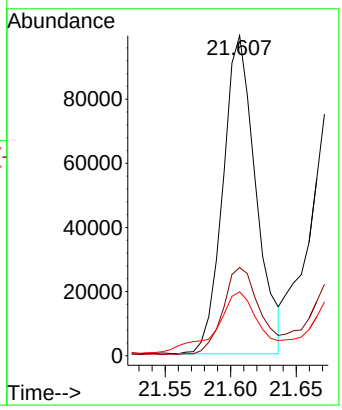


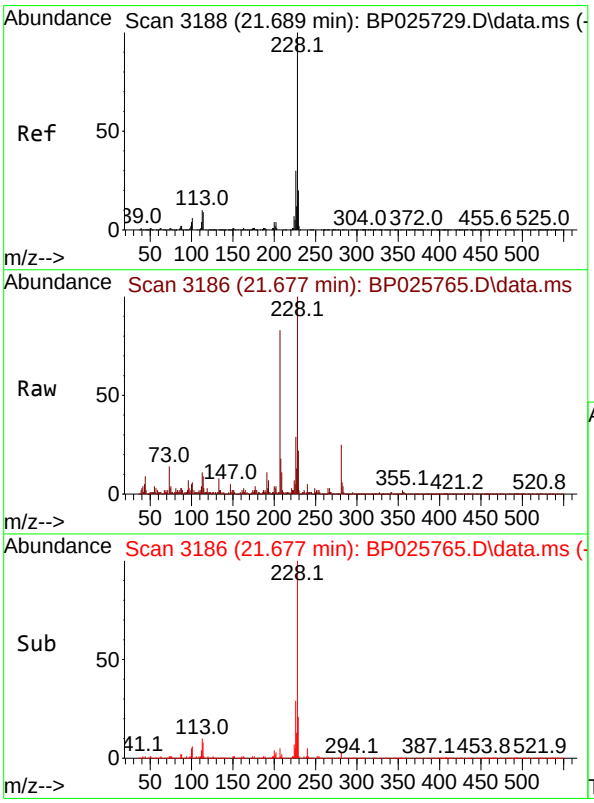
#81
Benzo(a)anthracene
Concen: 2.687 ng
RT: 21.607 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Tgt Ion:228 Resp: 173267

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.6	32.4
229	20.0	15.7	23.5

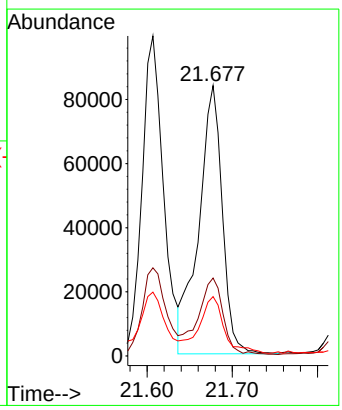


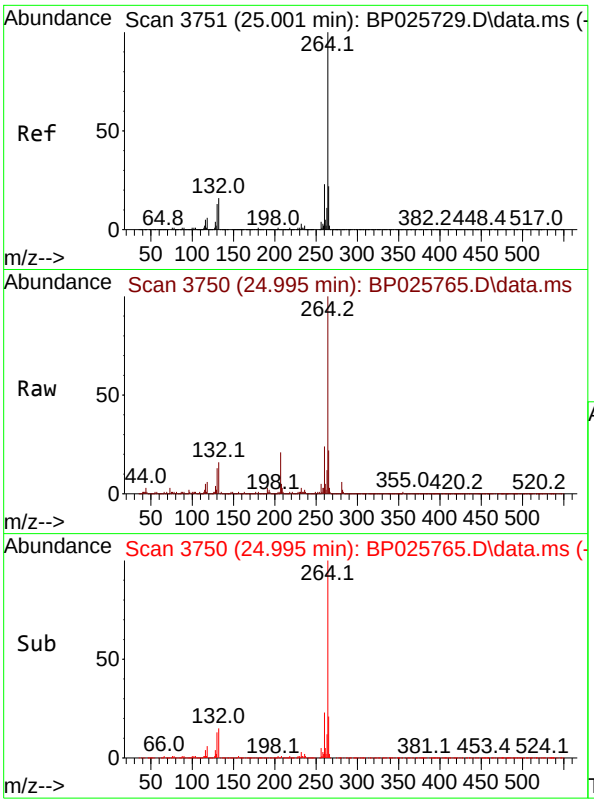


#83
Chrysene
Concen: 2.623 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.012 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Tgt Ion:228 Resp: 161272

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.6
229	22.0	15.6	23.4



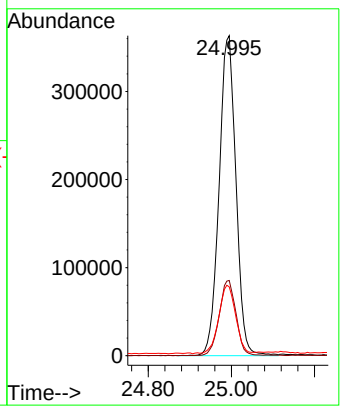


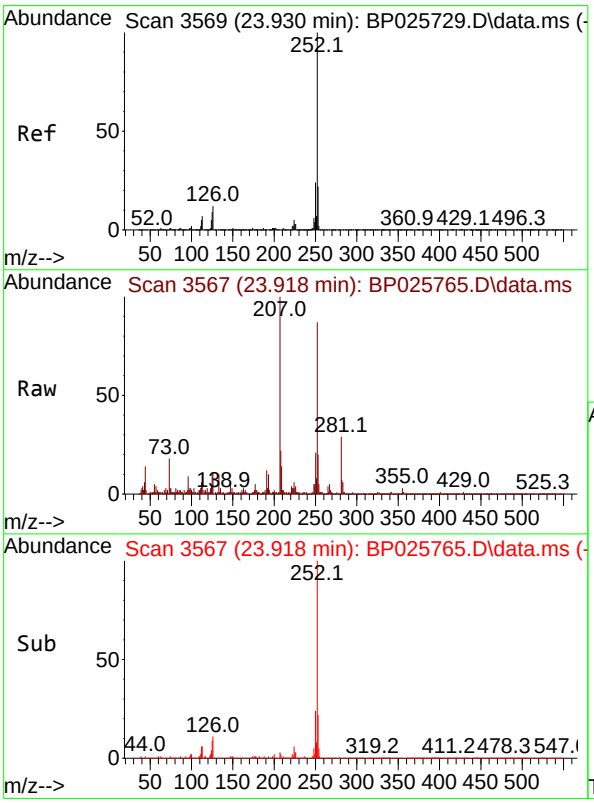
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Tgt Ion:264 Resp: 1021629

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.5	17.3	25.9

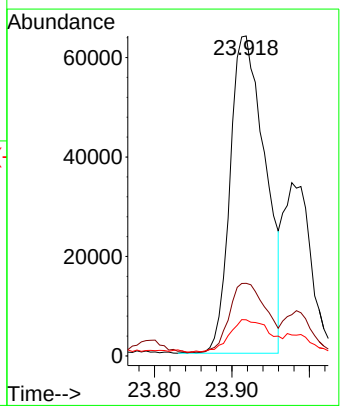


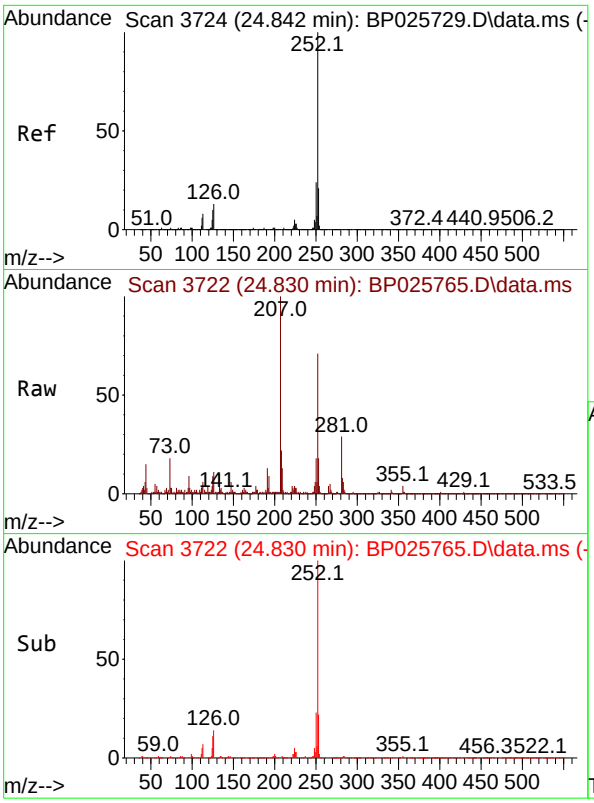


#88
Benzo(b)fluoranthene
Concen: 3.220 ng
RT: 23.918 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Tgt Ion:252 Resp: 201167

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.3	7.3	10.9#





#90
Benzo(a)pyrene
Concen: 2.570 ng
RT: 24.830 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025765.D
Acq: 16 Sep 2025 19:56

Instrument :
BNA_P
ClientSampleId :
SU-04-091525

Tgt Ion:252 Resp: 157228

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.2	25.8
125	12.2	8.3	12.5