Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025231.D
Acq On : 23 Jul 2025 20:20
Operator : CG/JU
Sample : Q2639-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Quant Time: Jul 24 01:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	494228	20.000	ng		0.00
21) Naphthalene-d8	10.172	136	1941060	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1257966	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	2582912	20.000	ng		0.00
76) Chrysene-d12	21.330	240	2791397	20.000	ng		0.00
86) Perylene-d12	24.471	264	3376004	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	1764143	60.312	ng		0.00
7) Phenol-d6	6.643	99	2224520	61.403	ng		0.00
23) Nitrobenzene-d5	8.566	82	1335924	38.248	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	1165401	62.841	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	3319422	37.201	ng		0.00
79) Terphenyl-d14	19.672	244	5294842	37.444	ng		0.01
Target Compounds							Qvalue
49) Acenaphthylene	13.795	152	230422	2.001	ng		98
63) Azobenzene	15.478	77	179925	2.490	ng	#	1
75) Fluoranthene	19.042	202	836009	5.099	ng		99
78) Pyrene	19.419	202	1046767	6.082	ng		99
81) Benzo(a)anthracene	21.377	228	848599	4.814	ng		94
83) Chrysene	21.377	228	851749	5.176	ng		96
87) Indeno(1,2,3-cd)pyrene	28.012	276	694882	2.817	ng	#	97
88) Benzo(b)fluoranthene	23.489	252	1063768	5.505	ng	#	95
90) Benzo(a)pyrene	24.324	252	938955	4.980	ng		97
92) Benzo(g,h,i)perylene	29.089	276	697220	3.525	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025231.D
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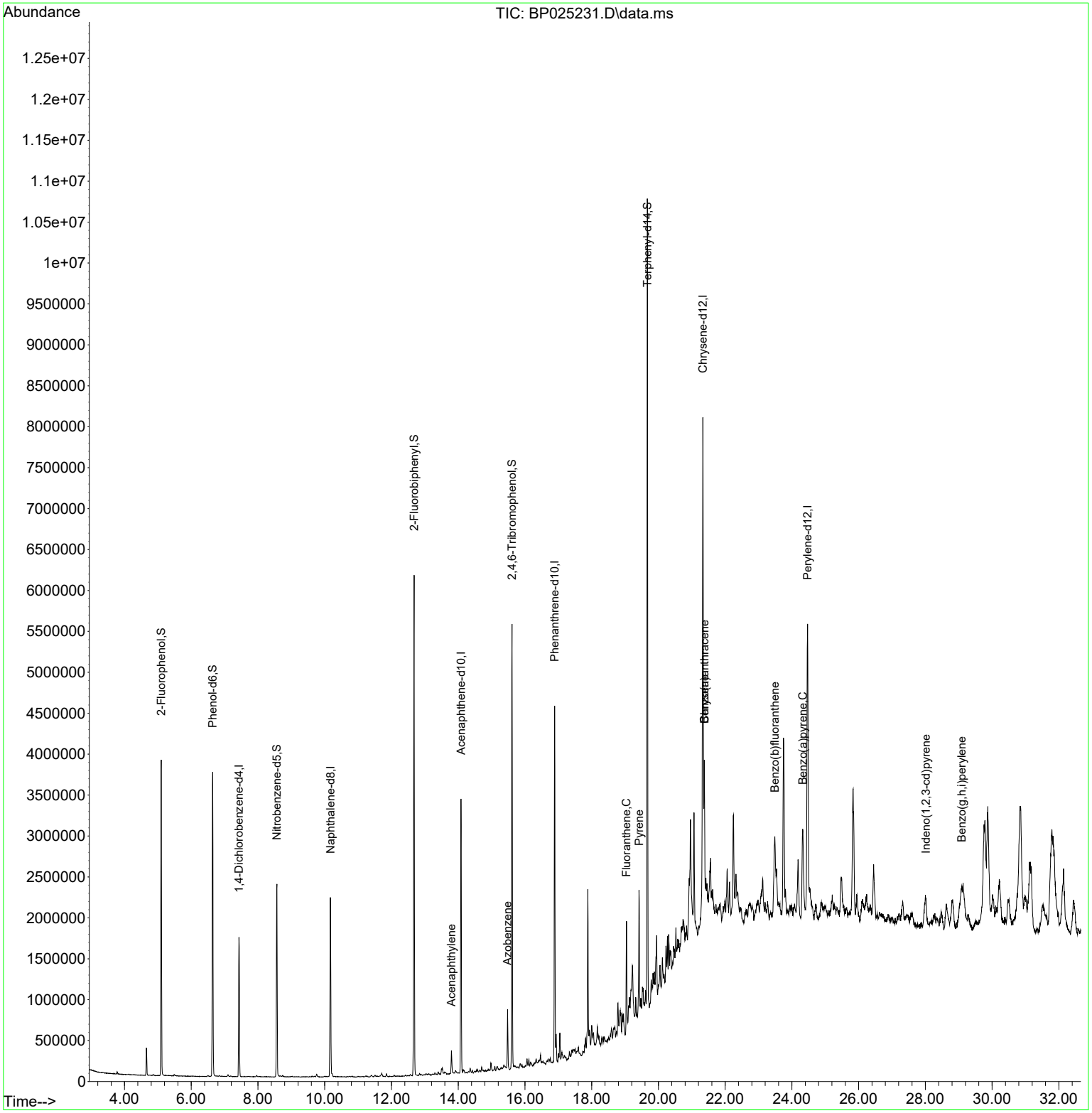
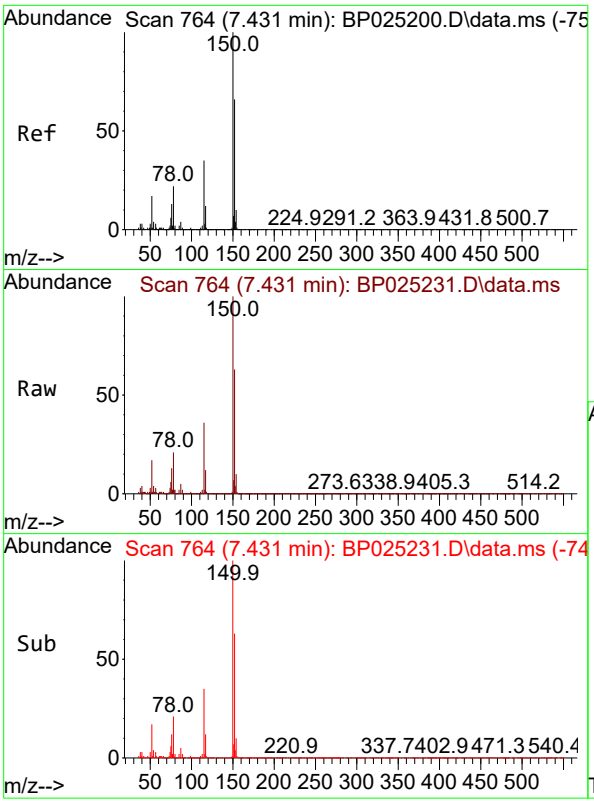
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Quant Time: Jul 24 01:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration



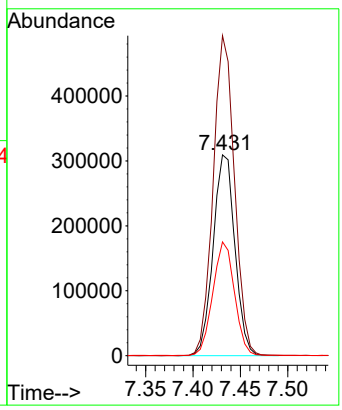


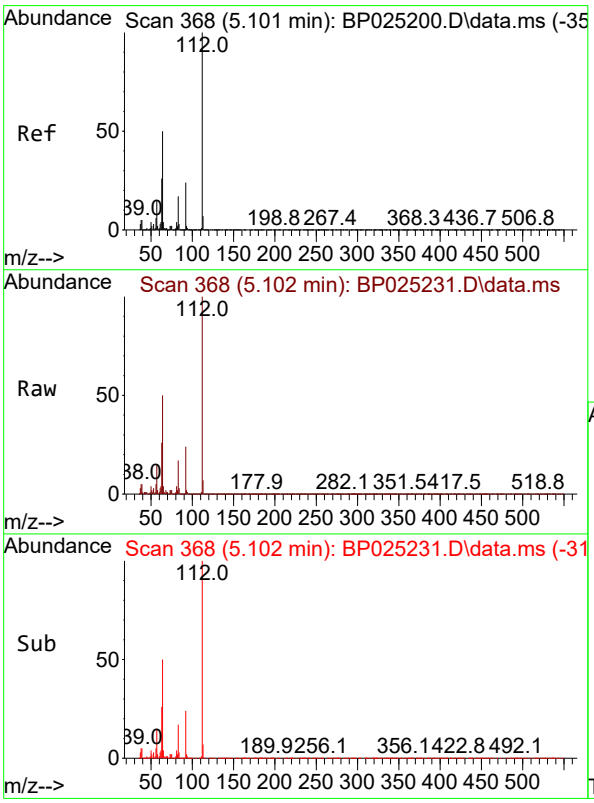
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:152 Resp: 494228

Ion	Ratio	Lower	Upper
152	100		
150	159.4	121.9	182.9
115	56.7	43.0	64.6

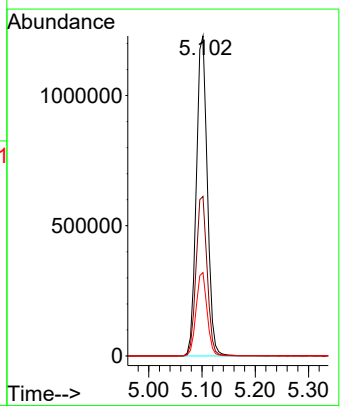


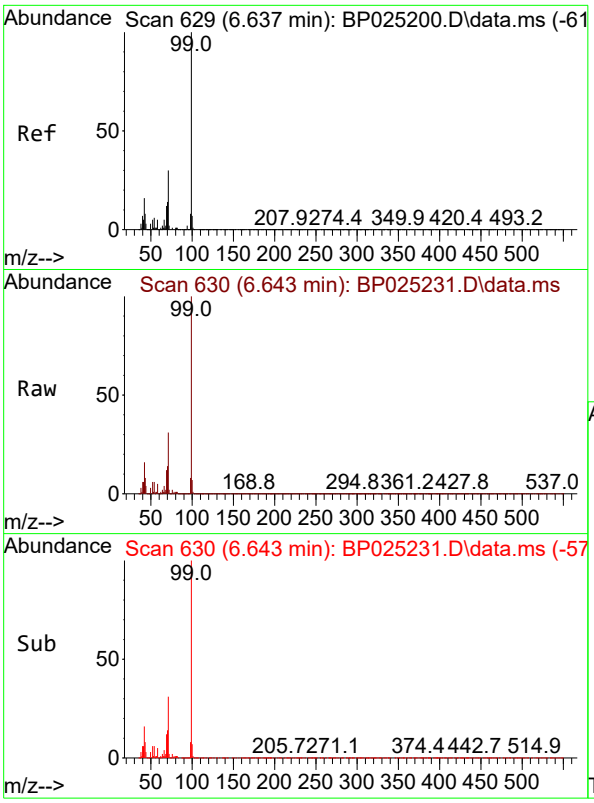


#5
2-Fluorophenol
Concen: 60.312 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:112 Resp: 1764143

Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.8	59.6
63	26.1	20.5	30.7



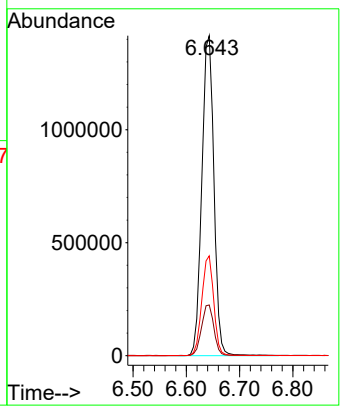


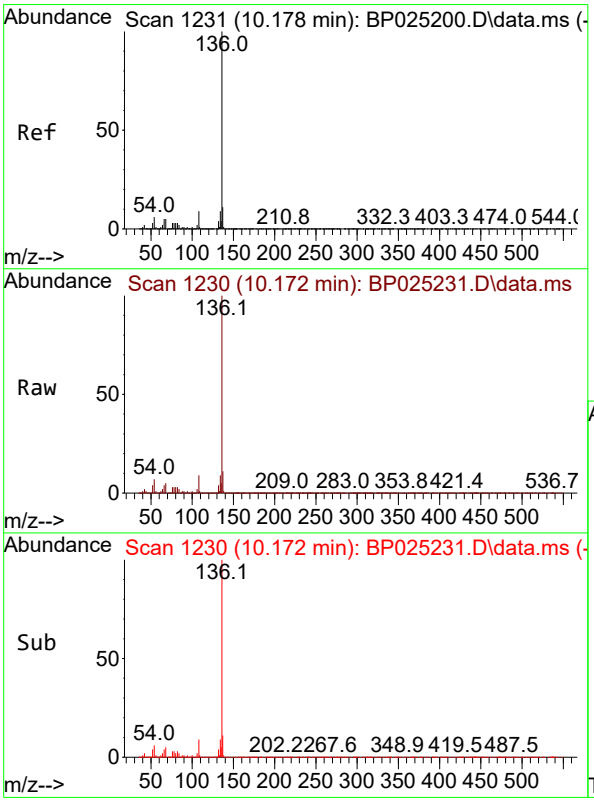
#7
Phenol-d6
Concen: 61.403 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion: 99 Resp: 2224520

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.5	18.7
71	31.2	24.2	36.2

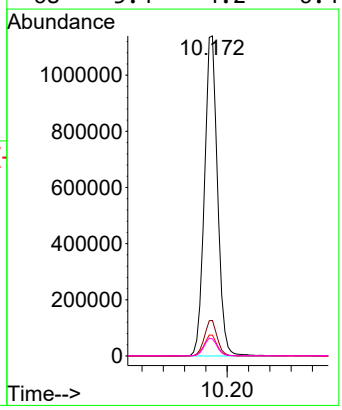


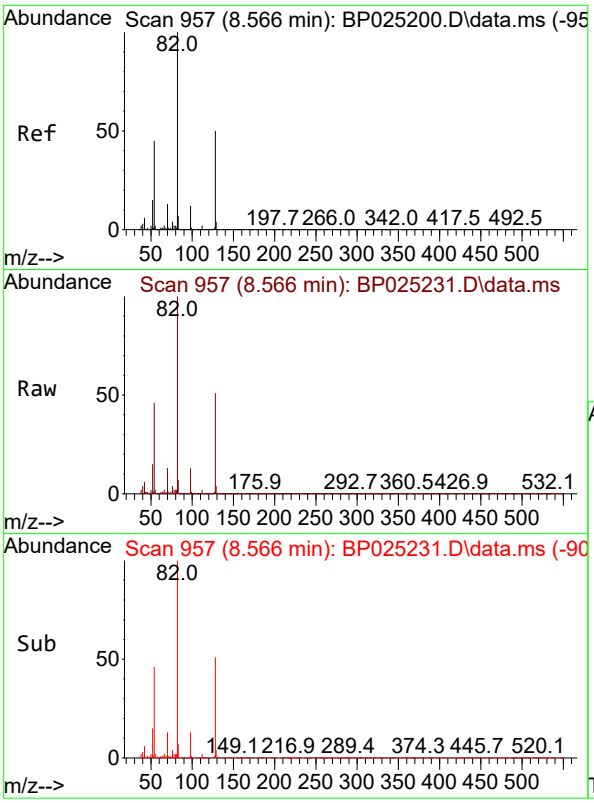


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:136 Resp: 1941060

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.1	7.7
68	5.4	4.2	6.4



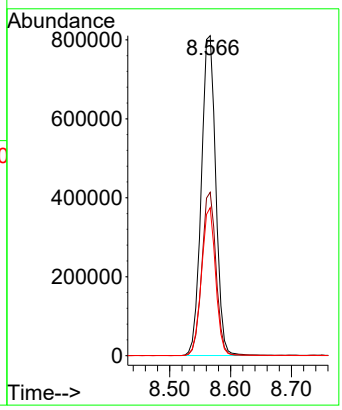


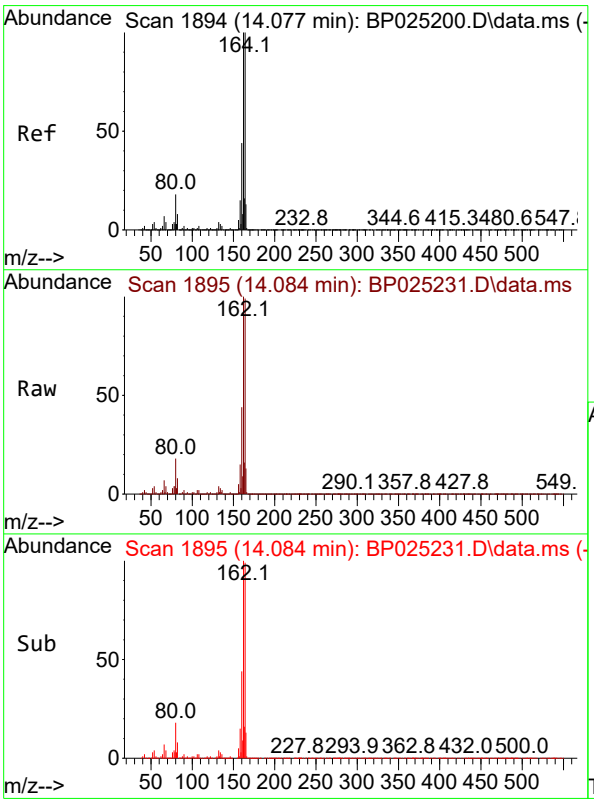
#23
Nitrobenzene-d5
Concen: 38.248 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion: 82 Resp: 1335924

Ion	Ratio	Lower	Upper
82	100		
128	51.1	40.2	60.4
54	46.3	36.3	54.5

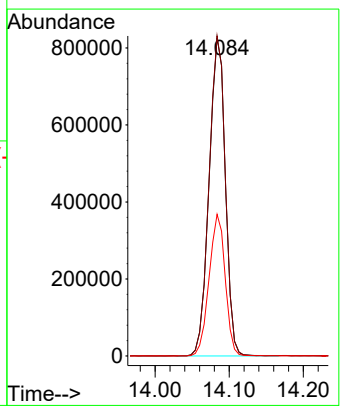


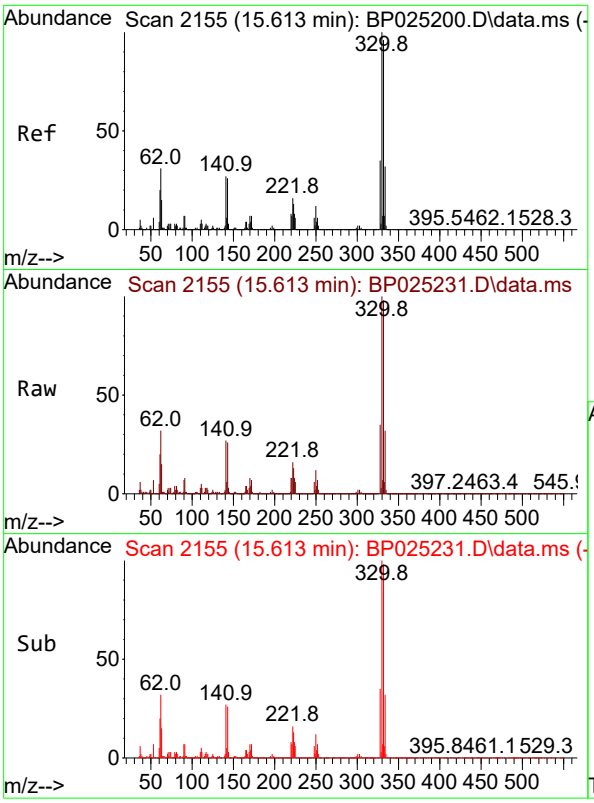


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:164 Resp: 1257966

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	44.5	35.7	53.5



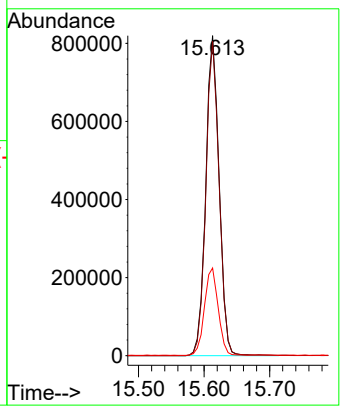


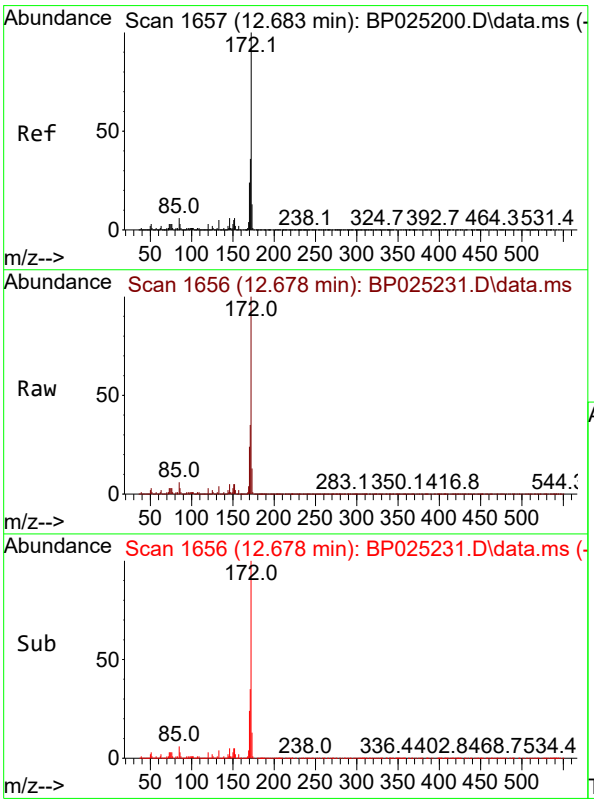
#42
2,4,6-Tribromophenol
Concen: 62.841 ng
RT: 15.613 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:330 Resp: 1165401

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	27.9	22.4	33.6

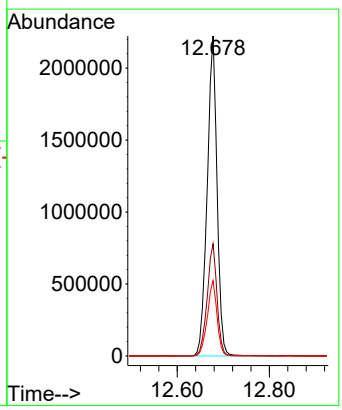


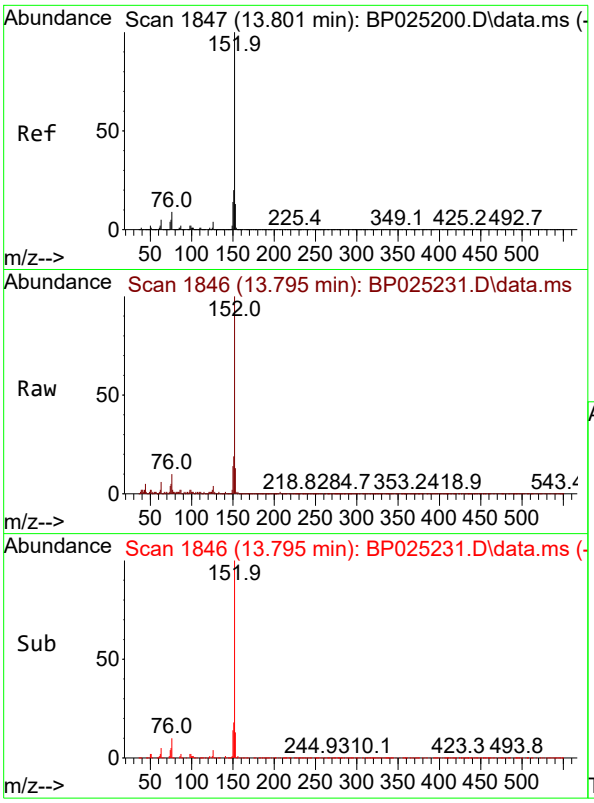


#45
2-Fluorobiphenyl
Concen: 37.201 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:172 Resp: 3319422

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.5	19.2	28.8



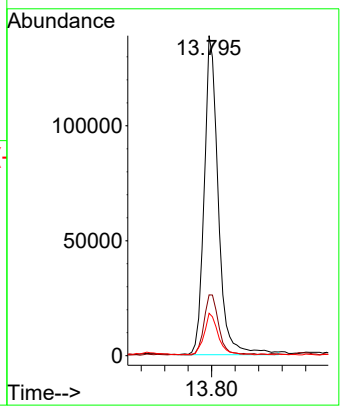


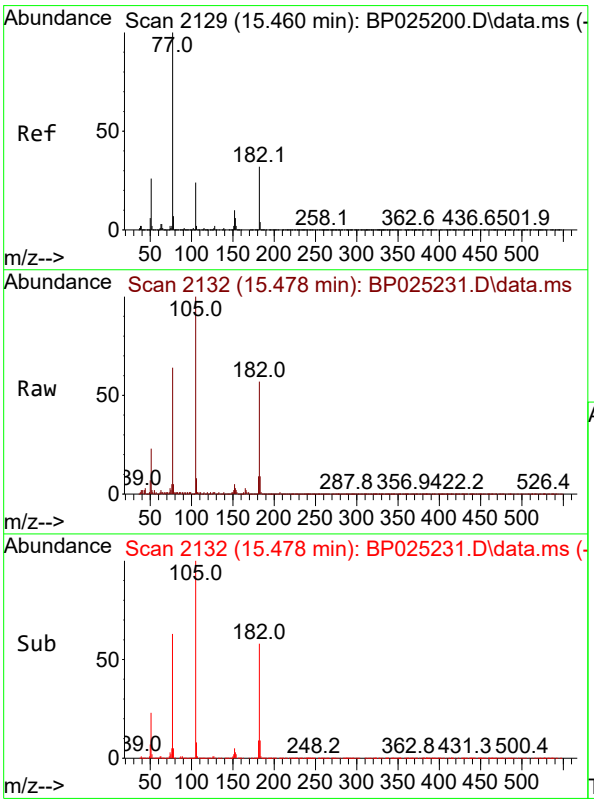
#49
Acenaphthylene
Concen: 2.001 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:152 Resp: 230422

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2
153	13.3	10.6	15.8

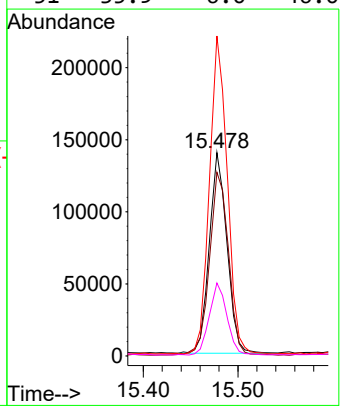


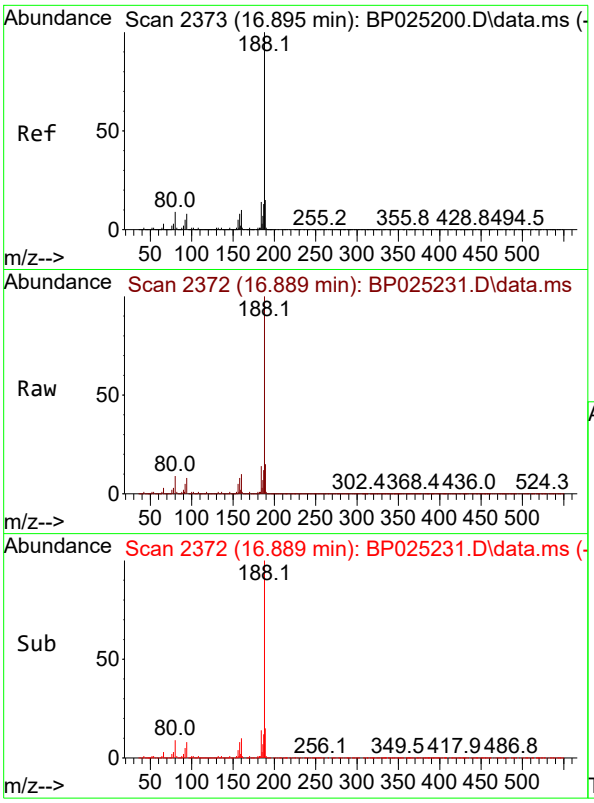


#63
Azobenzene
Concen: 2.490 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion: 77 Resp: 179925

Ion	Ratio	Lower	Upper
77	100		
182	90.3	12.0	52.0#
105	157.3	3.6	43.6#
51	35.9	6.0	46.0



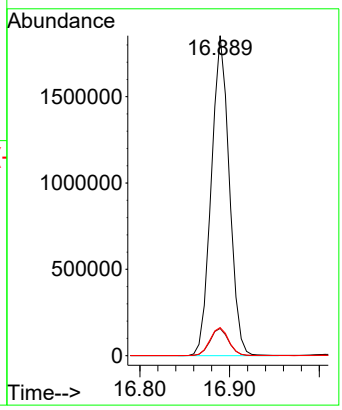


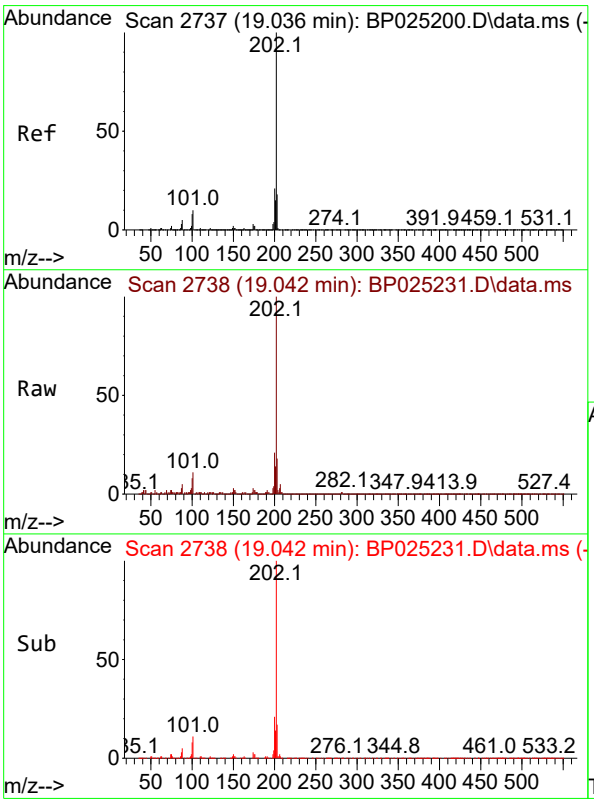
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:188 Resp: 2582912

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.8	7.3	10.9

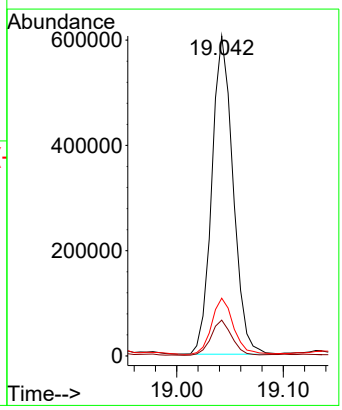


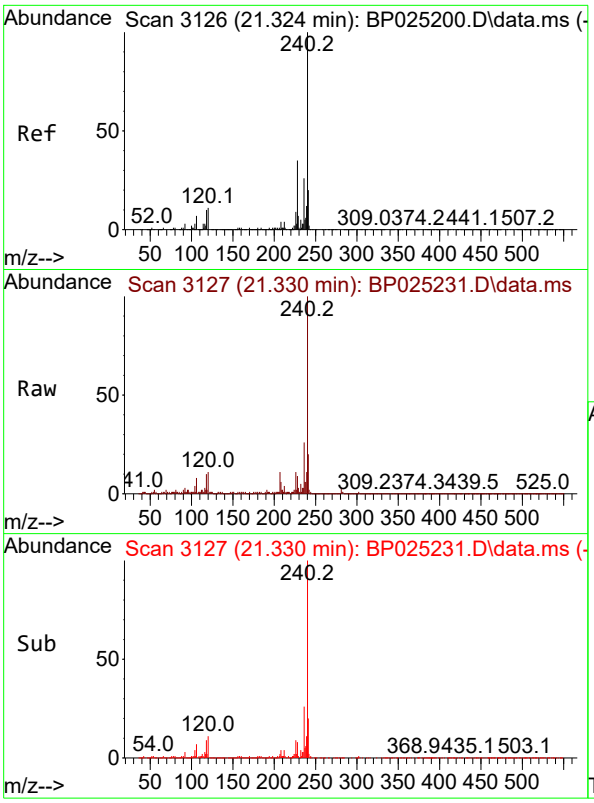


#75
Fluoranthene
Concen: 5.099 ng
RT: 19.042 min Scan# 2738
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:202 Resp: 836009

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
203	18.0	0.0	38.0



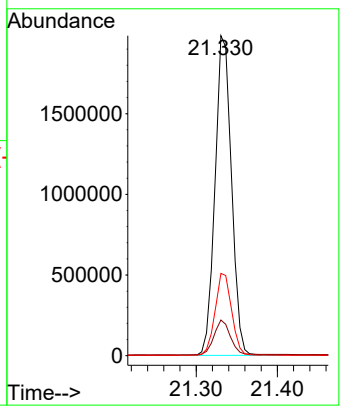


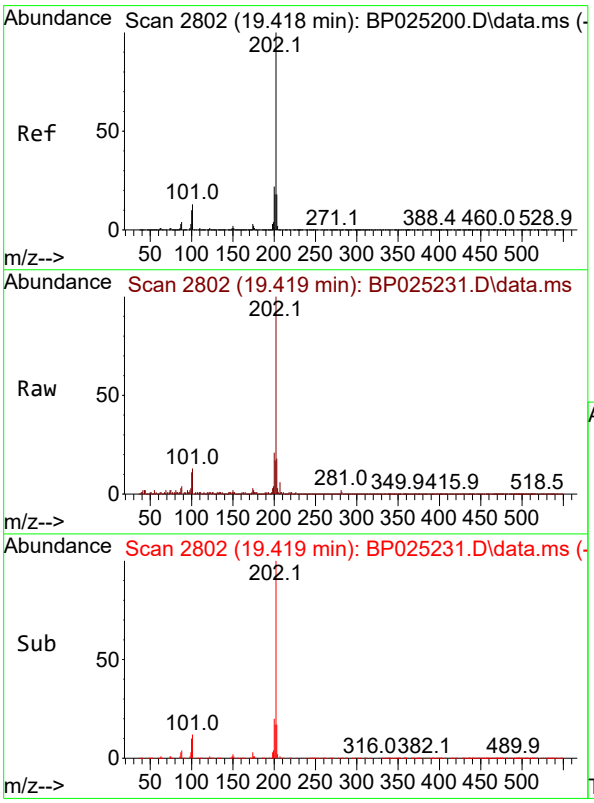
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:240 Resp: 2791397

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.8	13.2
236	25.7	20.9	31.3

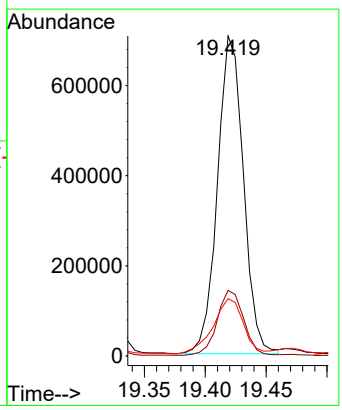


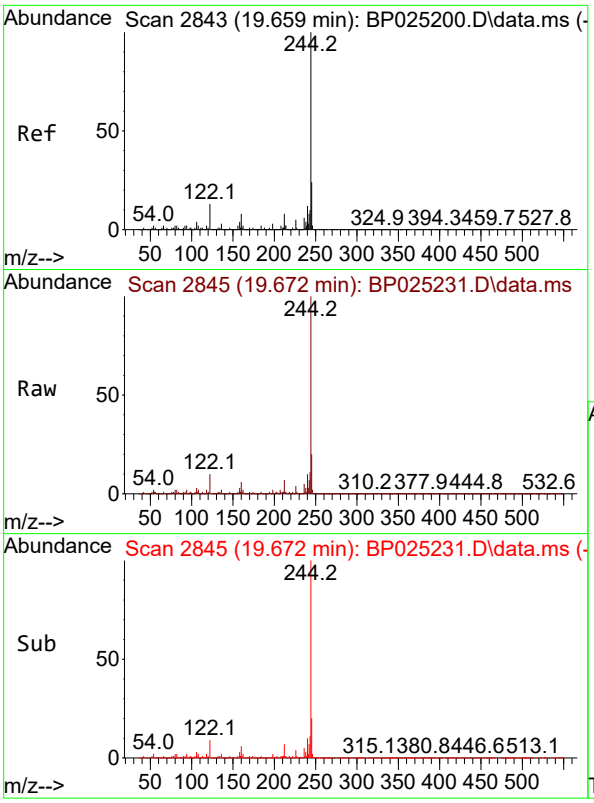


#78
Pyrene
Concen: 6.082 ng
RT: 19.419 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:202 Resp: 1046767

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.9	14.3	21.5



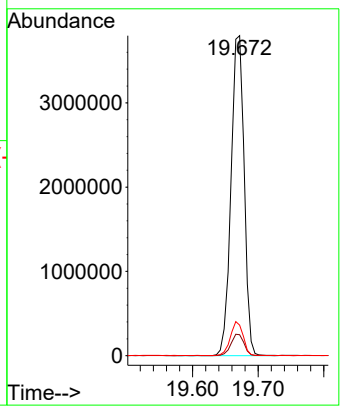


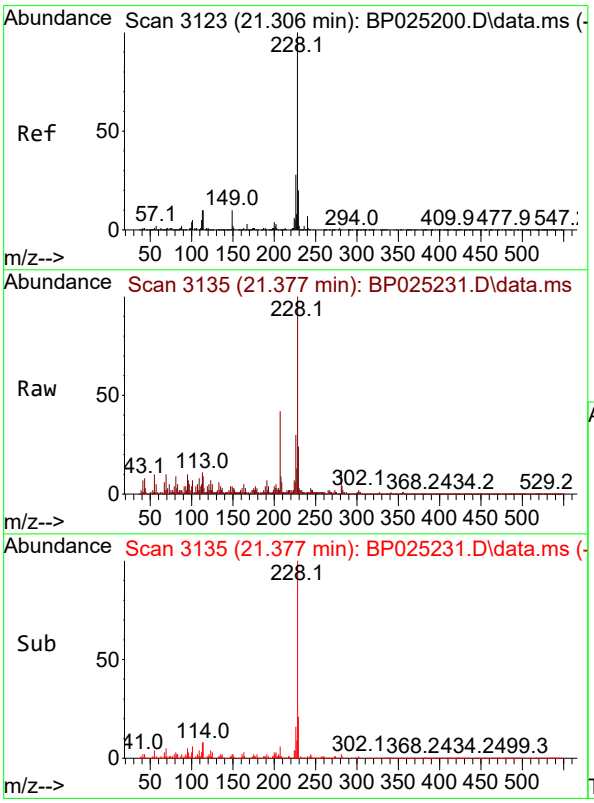
#79
Terphenyl-d14
Concen: 37.444 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.013 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:244 Resp: 5294842

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.6	9.8
122	9.5	10.3	15.5#

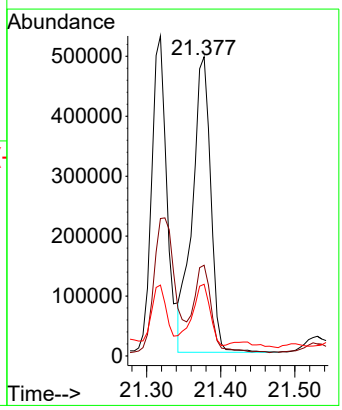


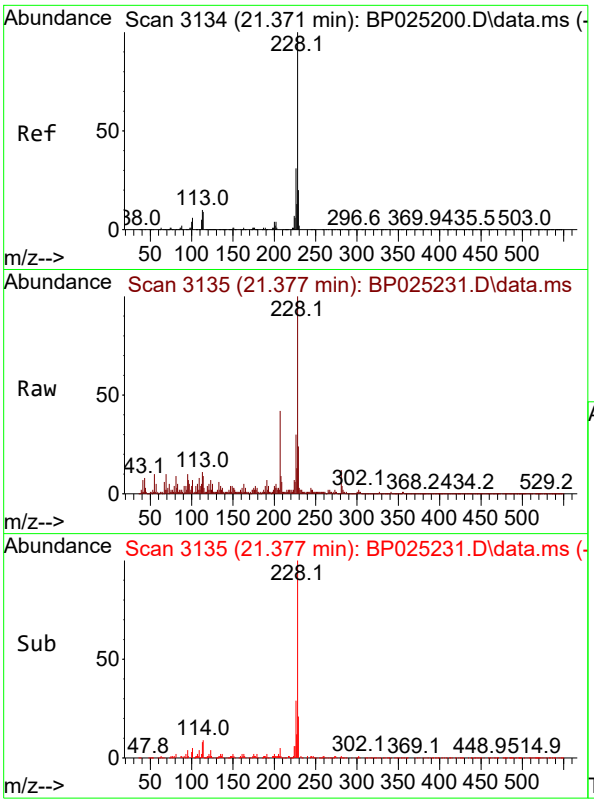


#81
Benzo(a)anthracene
Concen: 4.814 ng
RT: 21.377 min Scan# 3135
Delta R.T. 0.071 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:228 Resp: 848599

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.3	33.5
229	23.9	16.2	24.2



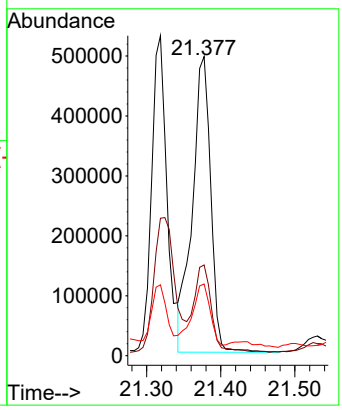


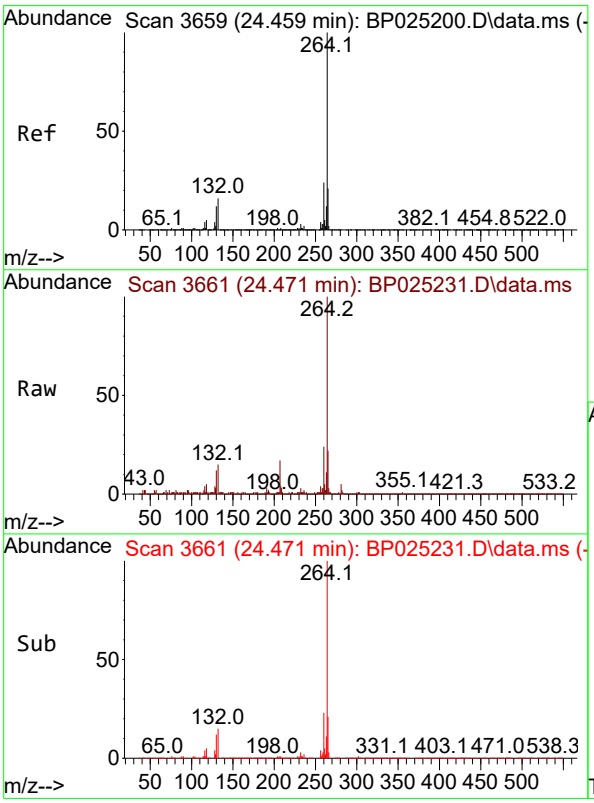
#83
Chrysene
Concen: 5.176 ng
RT: 21.377 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:228 Resp: 851749

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	23.9	16.0	24.0

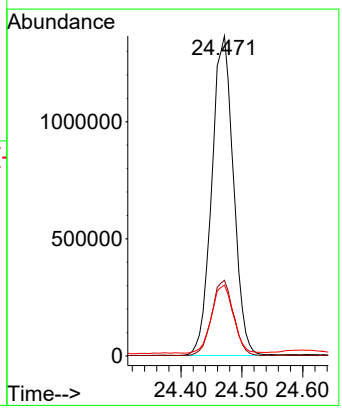


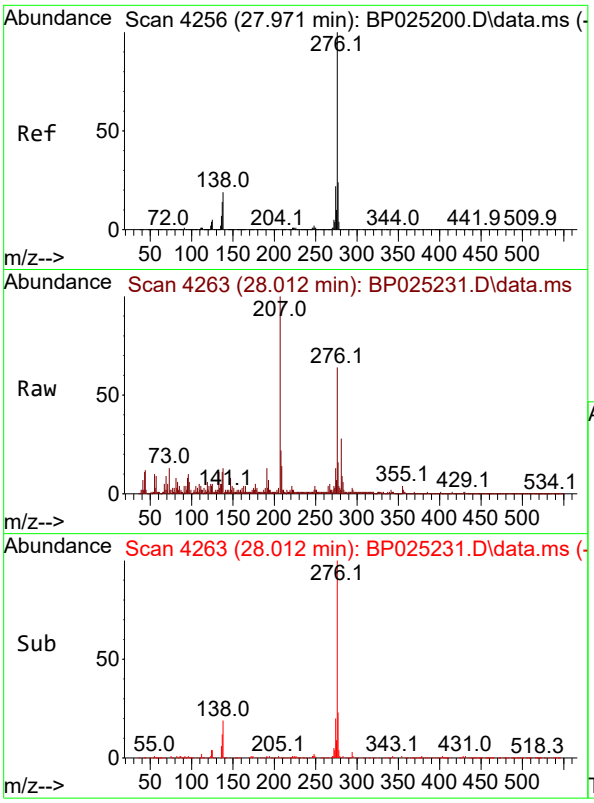


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:264 Resp: 3376004

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.2	17.5	26.3



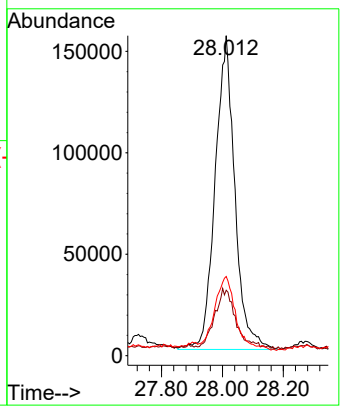


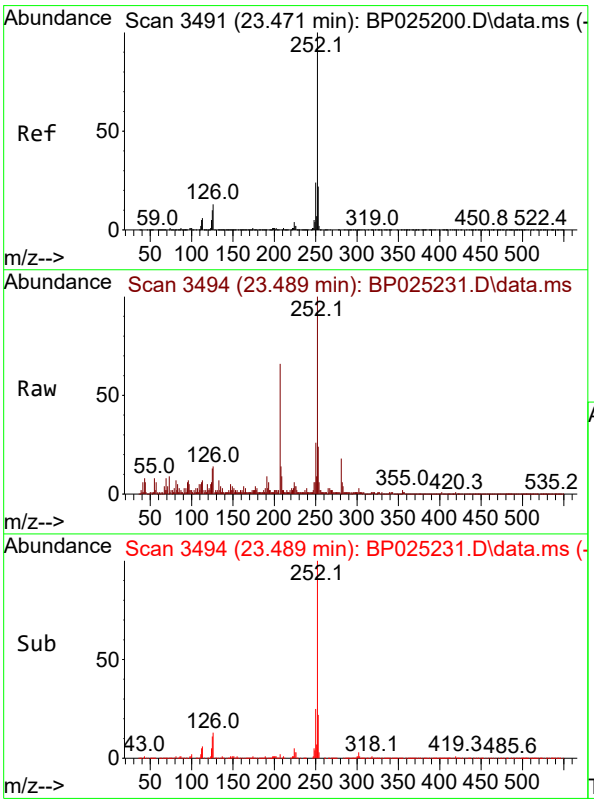
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.817 ng
RT: 28.012 min Scan# 4
Delta R.T. 0.042 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:276 Resp: 694882

Ion	Ratio	Lower	Upper
276	100		
138	19.3	12.8	19.2#
277	25.3	20.3	30.5

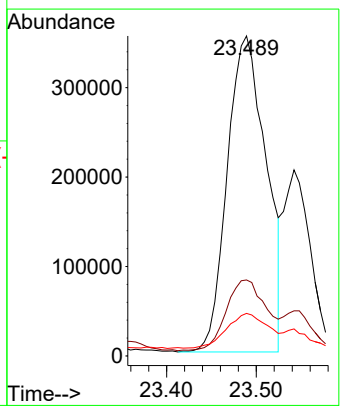


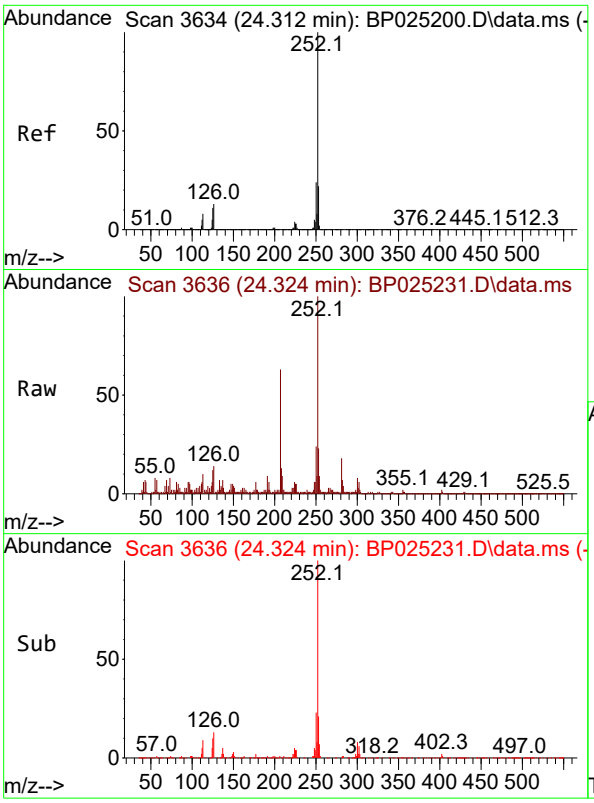


#88
Benzo(b)fluoranthene
Concen: 5.505 ng
RT: 23.489 min Scan# 3494
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:252 Resp: 1063768

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.3	7.8	11.8#



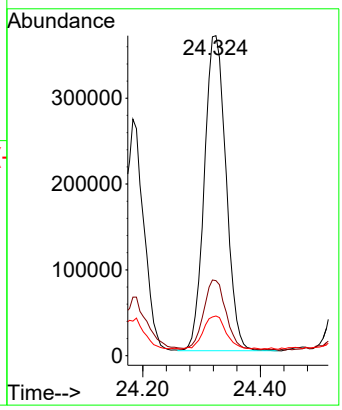


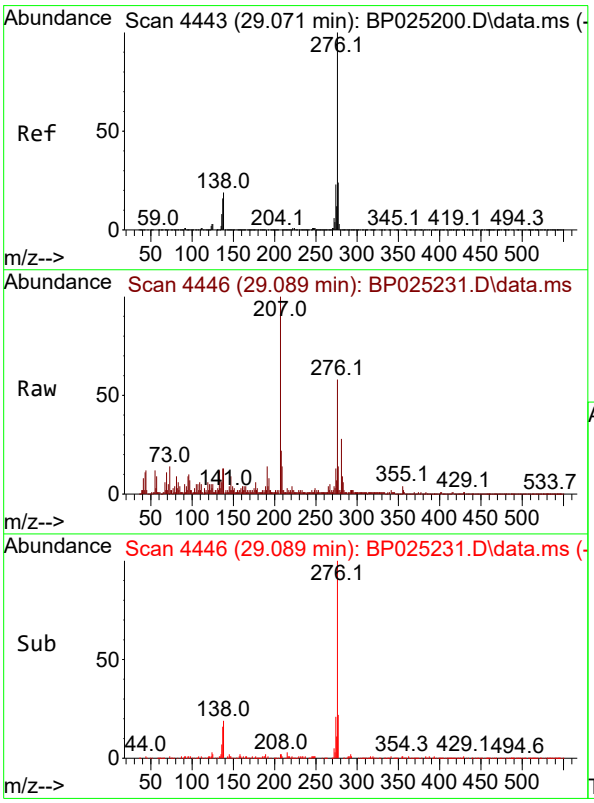
#90
Benzo(a)pyrene
Concen: 4.980 ng
RT: 24.324 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Instrument :
BNA_P
ClientSampleId :
OU4-TS-38-071725RE

Tgt Ion:252 Resp: 938955

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	12.4	8.6	12.8





#92
Benzo(g,h,i)perylene
Concen: 3.525 ng
RT: 29.089 min Scan# 4446
Delta R.T. 0.018 min
Lab File: BP025231.D
Acq: 23 Jul 2025 20:20

Tgt Ion:276 Resp: 697220

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.8	15.4	23.2