Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025633.D
Acq On : 29 Aug 2025 20:11
Operator : CG/JU
Sample : Q2979-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-A

Quant Time: Aug 29 22:39:42 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	151981	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	589723	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	382873	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	768736	20.000	ng	0.00
76) Chrysene-d12	21.636	240	887404	20.000	ng	-0.01
86) Perylene-d12	25.012	264	996003	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	738312	80.675	ng	-0.01
7) Phenol-d6	6.960	99	928012	79.093	ng	0.00
23) Nitrobenzene-d5	8.913	82	599577	51.431	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	428160	83.081	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1315935	46.973	ng	-0.02
79) Terphenyl-d14	19.918	244	2214221	45.651	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.772	77	117207	4.805	ng	# 1
71) Phenanthrene	17.236	178	131174	3.106	ng	99
75) Fluoranthene	19.318	202	398472	7.911	ng	99
78) Pyrene	19.695	202	452193	7.840	ng	99
81) Benzo(a)anthracene	21.612	228	242315	4.140	ng	95
83) Chrysene	21.689	228	229066	4.179	ng	96
88) Benzo(b)fluoranthene	23.936	252	278088	4.735	ng	98
89) Benzo(k)fluoranthene	23.936	252	278088	4.732	ng	97
90) Benzo(a)pyrene	24.836	252	222759	3.896	ng	97
92) Benzo(g,h,i)perylene	30.024	276	153060	2.609	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
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Operator : CG/JU
Sample : Q2979-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Time: Aug 29 22:39:42 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
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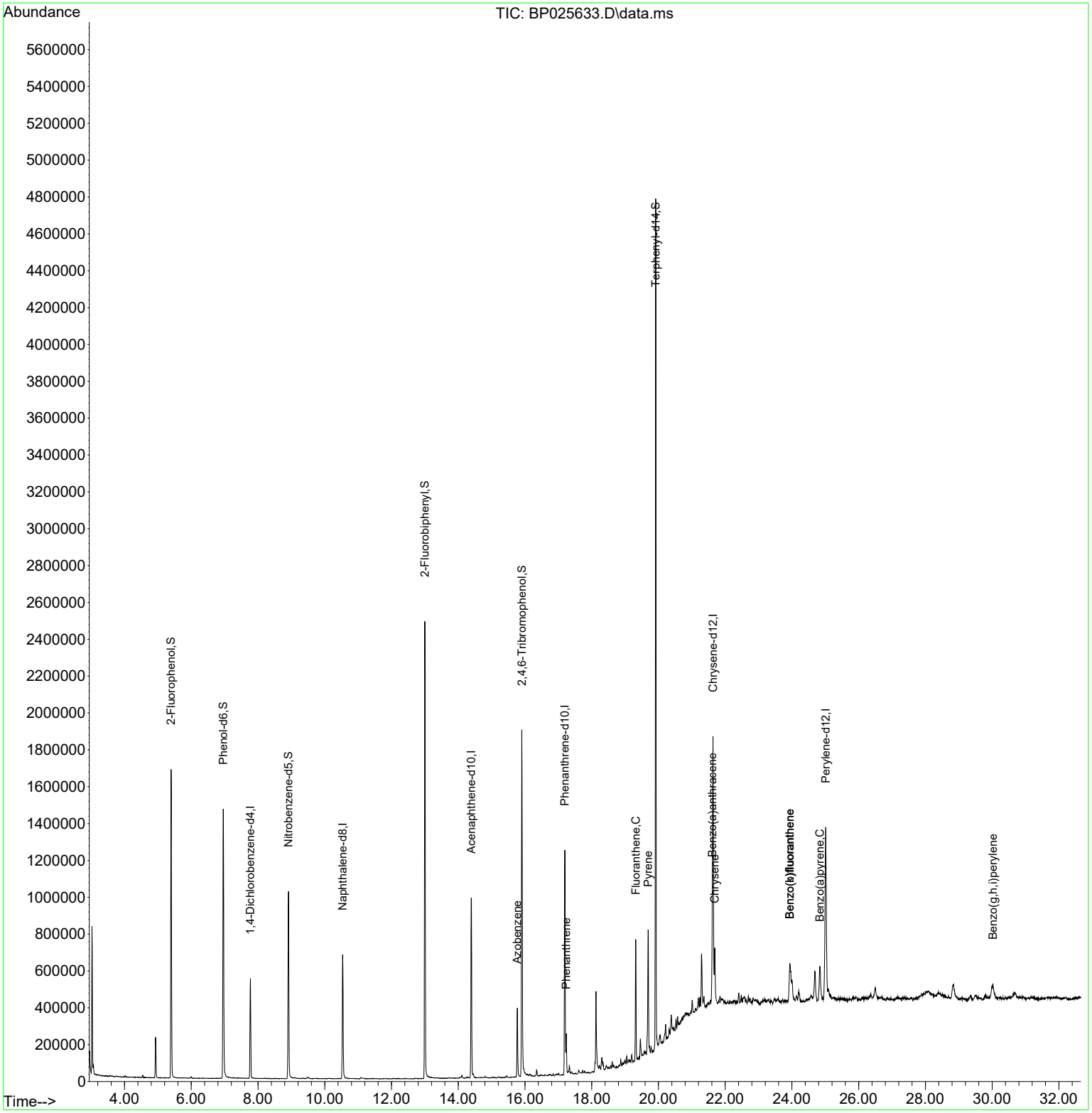
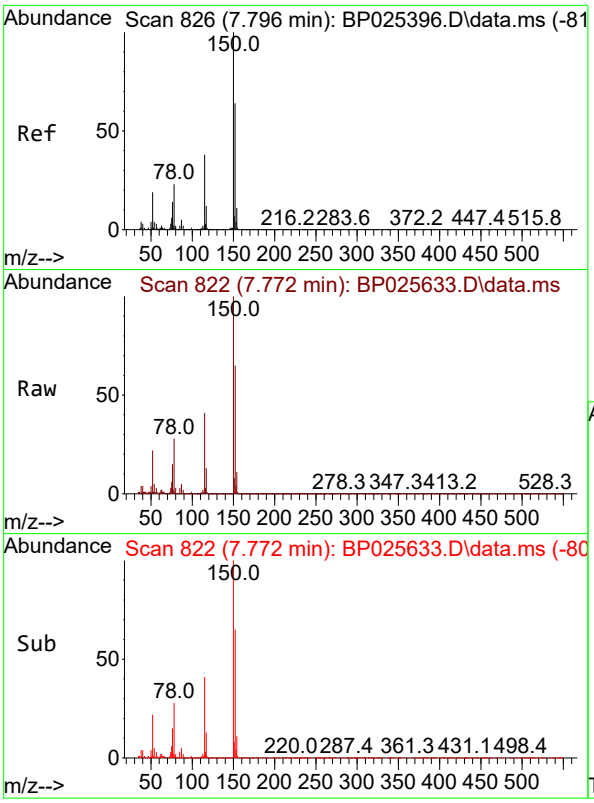


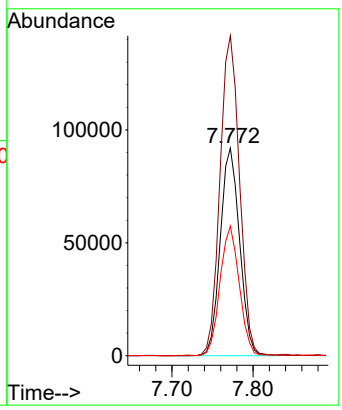


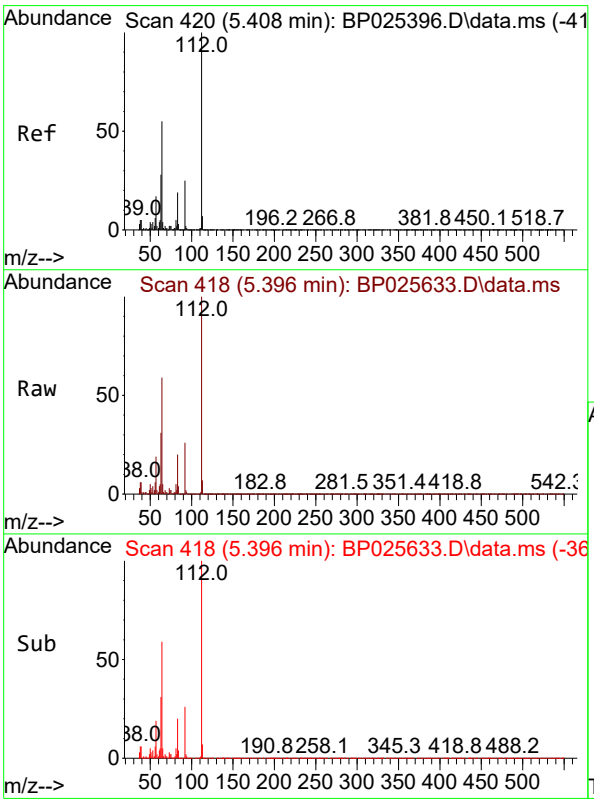
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion:152 Resp: 151981

Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.9	188.9
115	62.4	48.5	72.7

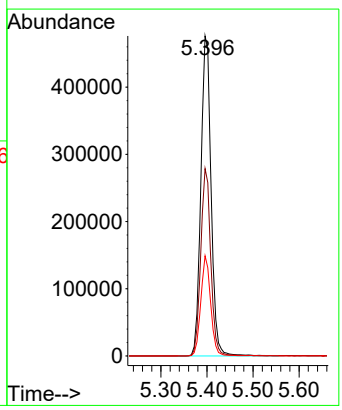


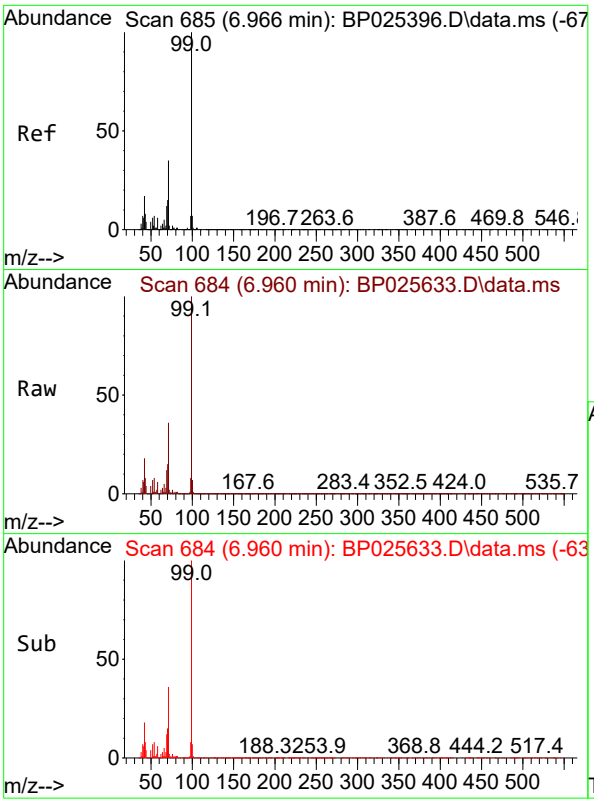


#5
2-Fluorophenol
Concen: 80.675 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:112 Resp: 738312

Ion	Ratio	Lower	Upper
112	100		
64	58.6	43.8	65.8
63	31.3	22.7	34.1



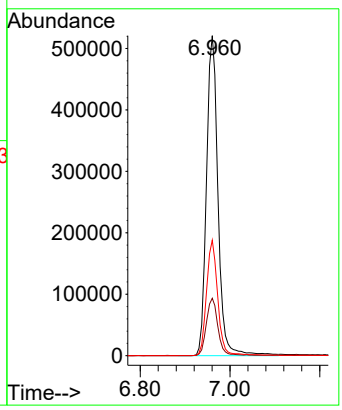


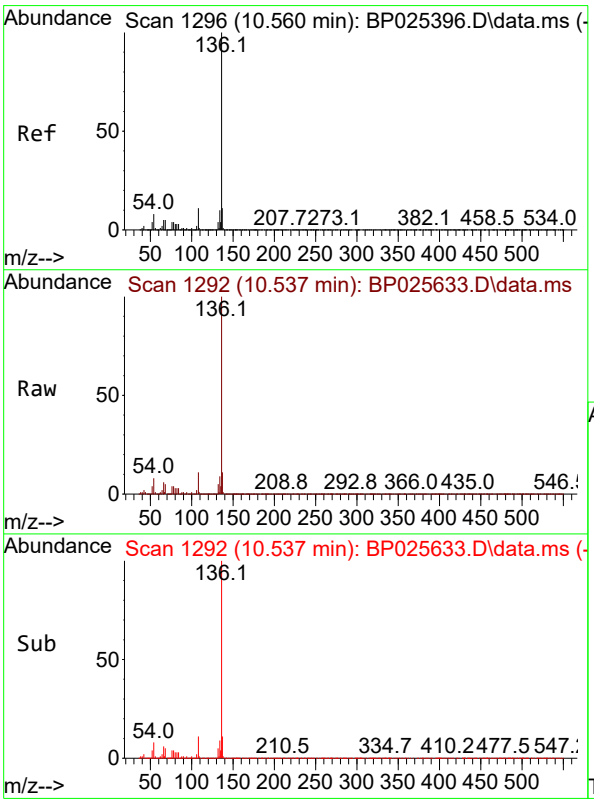
#7
Phenol-d6
Concen: 79.093 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion: 99 Resp: 928012

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	36.1	28.2	42.4

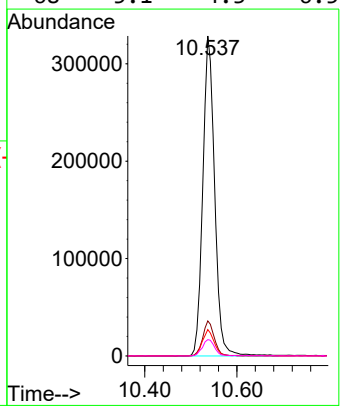


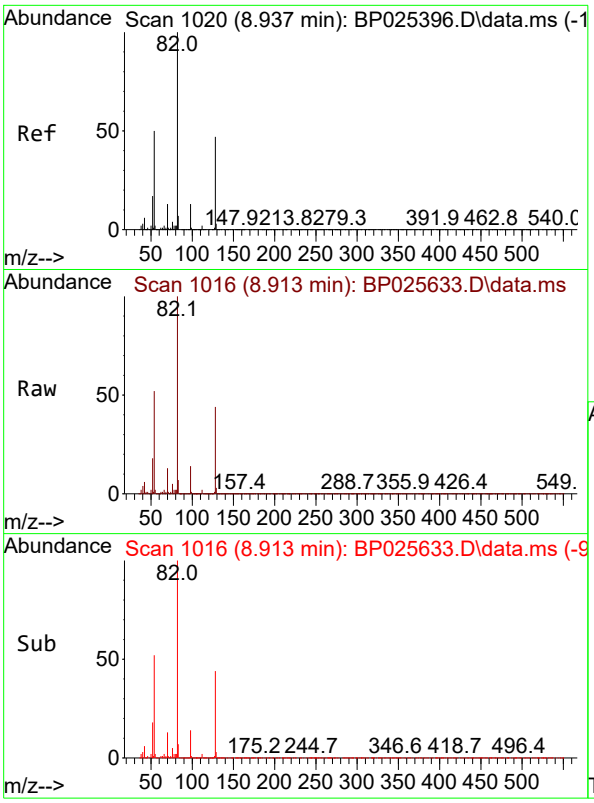


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.024 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:136 Resp: 589723

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.3	6.0	9.0
68	5.1	4.3	6.5



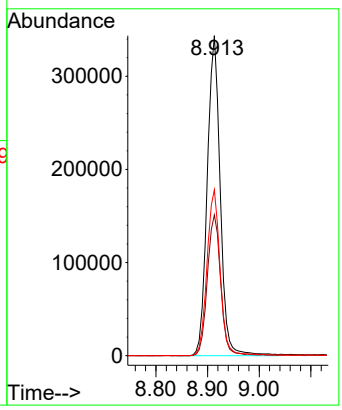


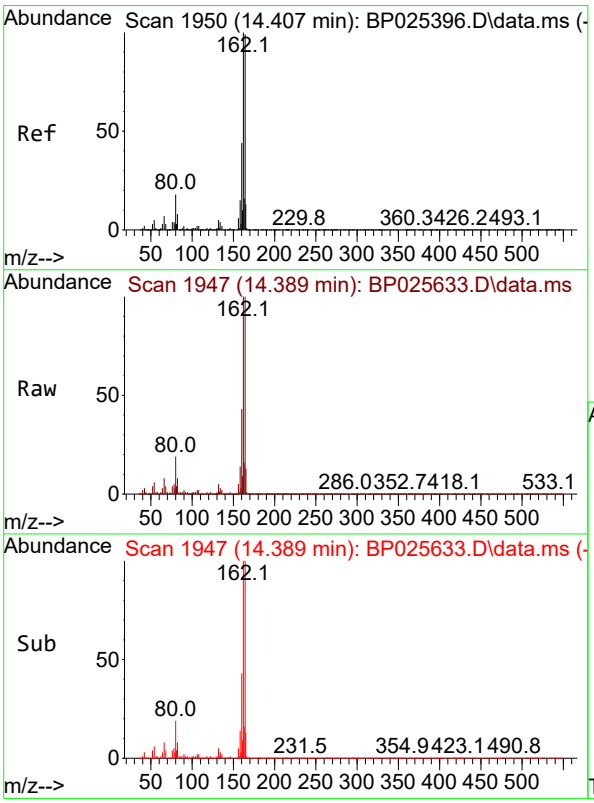
#23
Nitrobenzene-d5
Concen: 51.431 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion: 82 Resp: 599577

Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.7	56.5
54	51.9	39.8	59.6

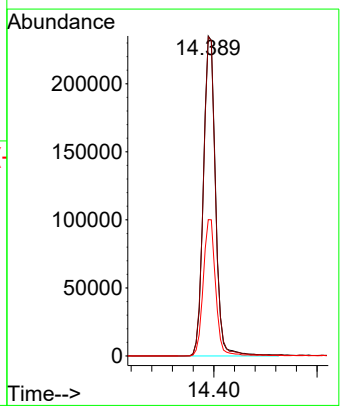


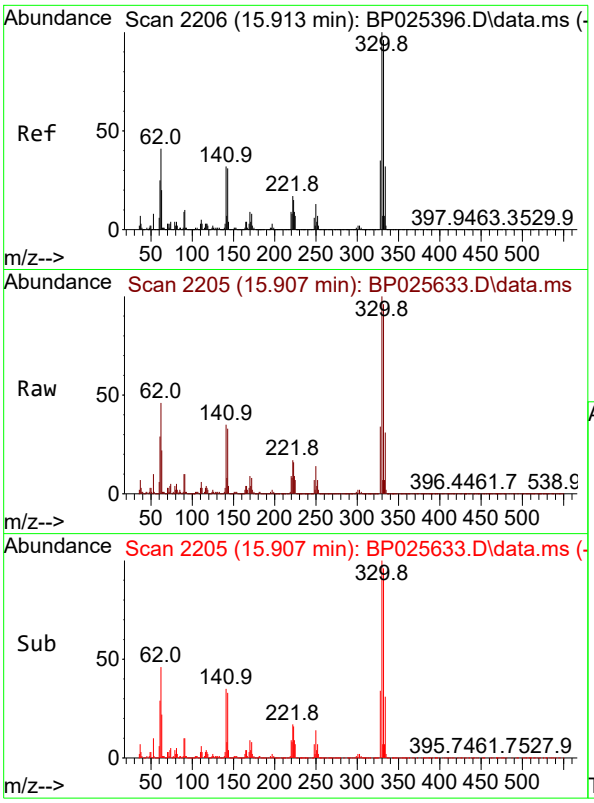


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:164 Resp: 382873

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.0	121.6
160	42.6	35.4	53.2



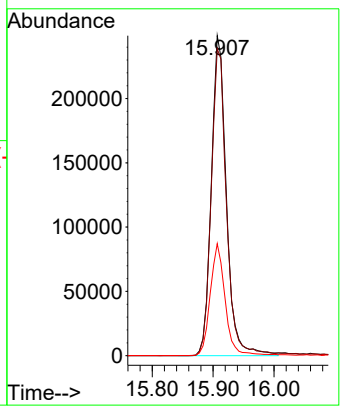


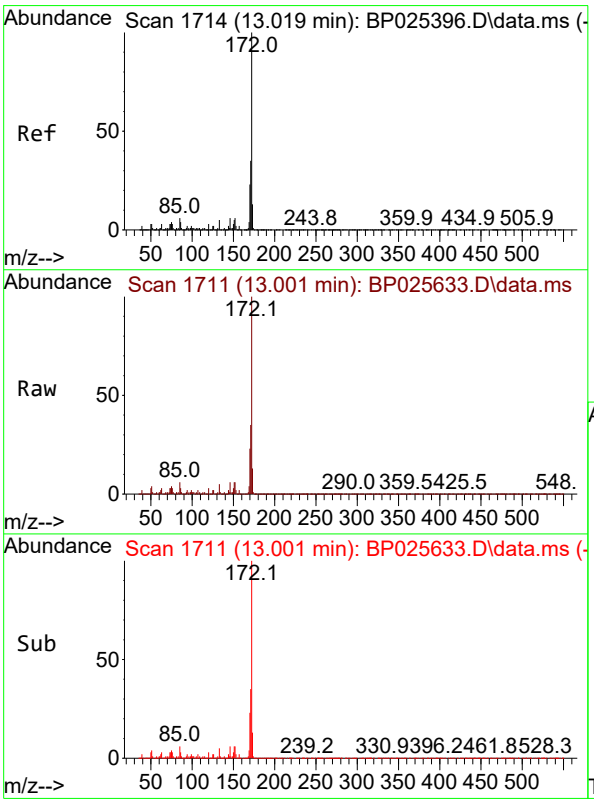
#42
2,4,6-Tribromophenol
Concen: 83.081 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion:330 Resp: 428160

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	34.7	26.6	39.8

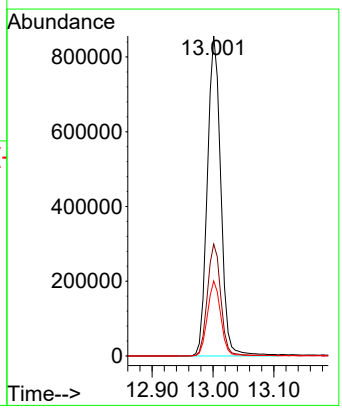


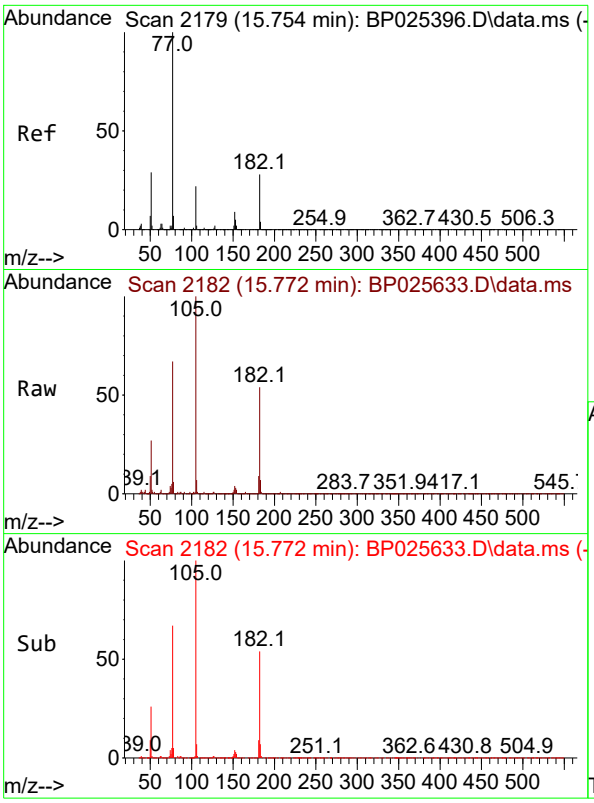


#45
2-Fluorobiphenyl
Concen: 46.973 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:172 Resp: 1315935

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.5	18.6	28.0



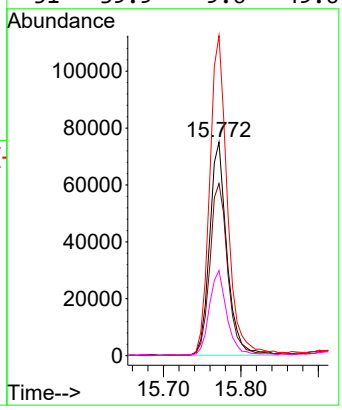


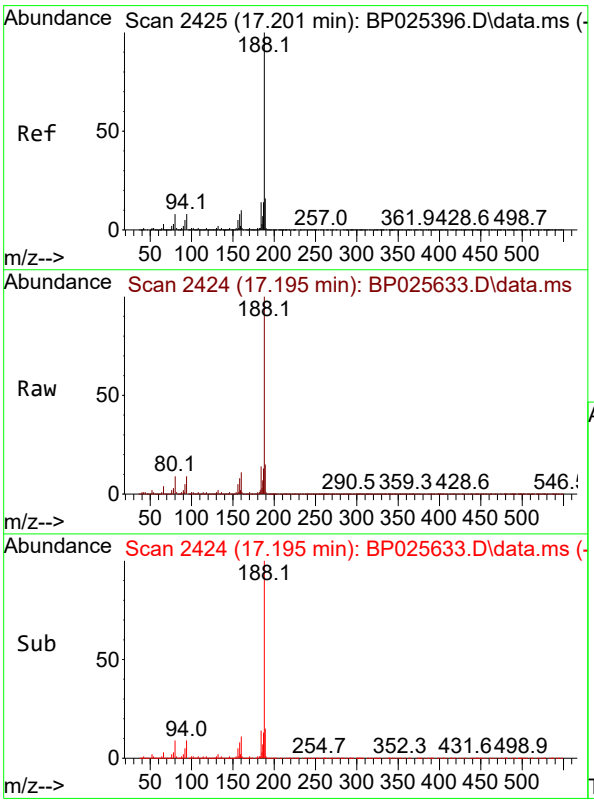
#63
Azobenzene
Concen: 4.805 ng
RT: 15.772 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion: 77 Resp: 117207

Ion	Ratio	Lower	Upper
77	100		
182	80.6	7.5	47.5#
105	149.8	2.1	42.1#
51	39.9	9.6	49.6

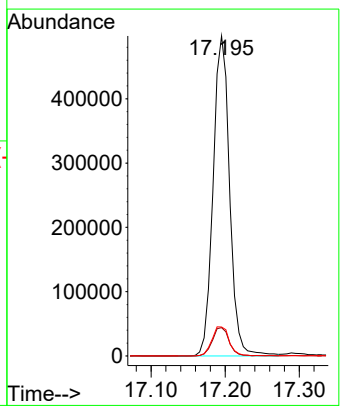


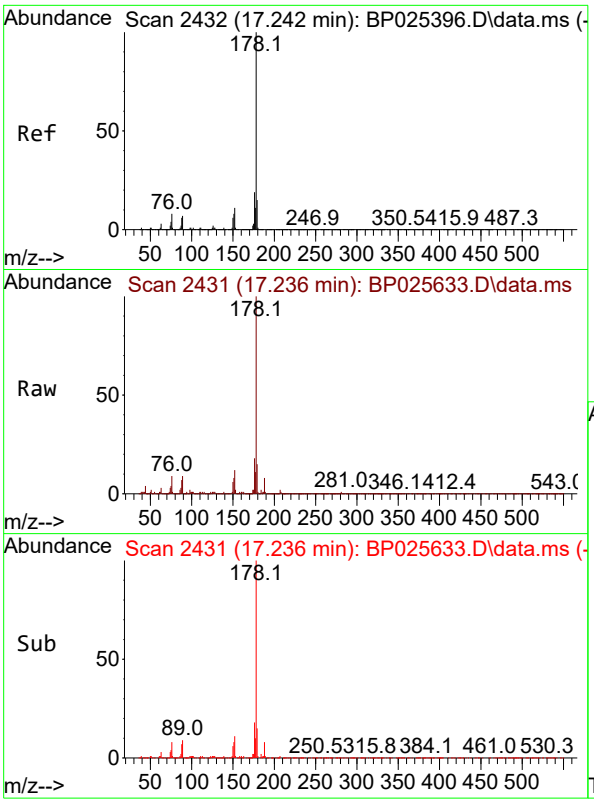


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:188 Resp: 768736

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.1	6.7	10.1



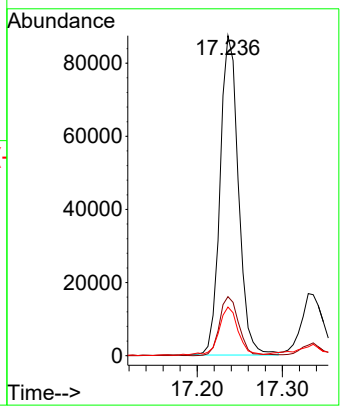


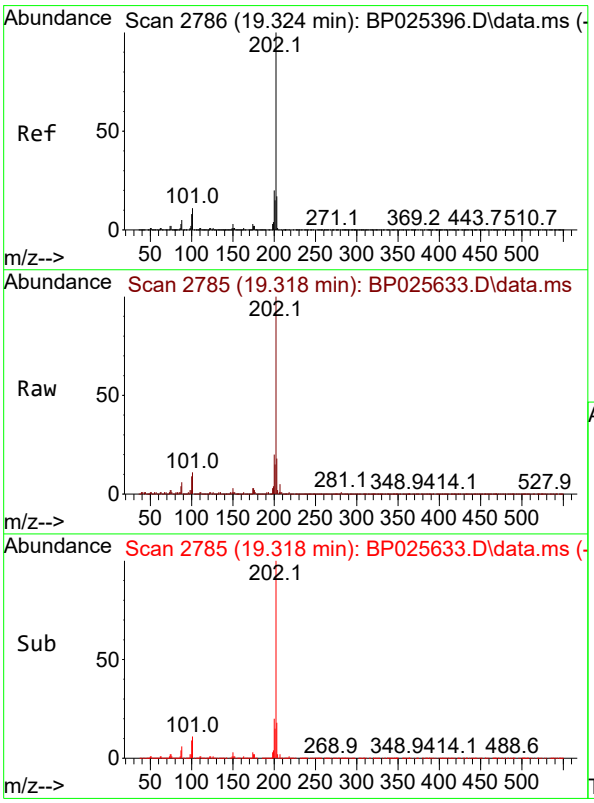
#71
Phenanthrene
Concen: 3.106 ng
RT: 17.236 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion:178 Resp: 131174

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	15.2	12.2	18.4

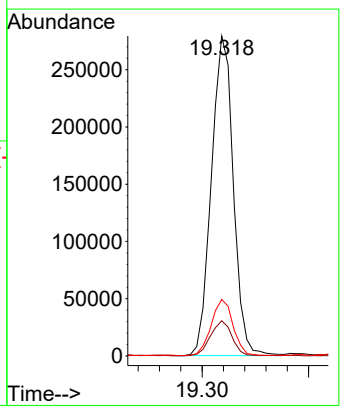


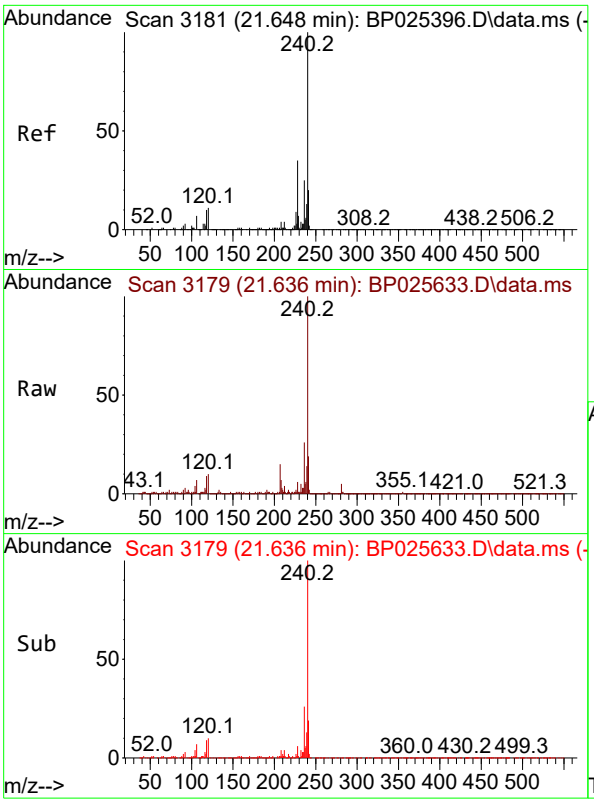


#75
Fluoranthene
Concen: 7.911 ng
RT: 19.318 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:202 Resp: 398472

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.1
203	17.7	0.0	37.3



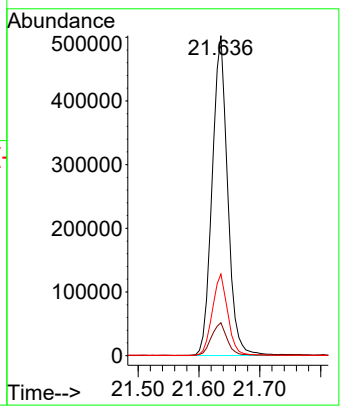


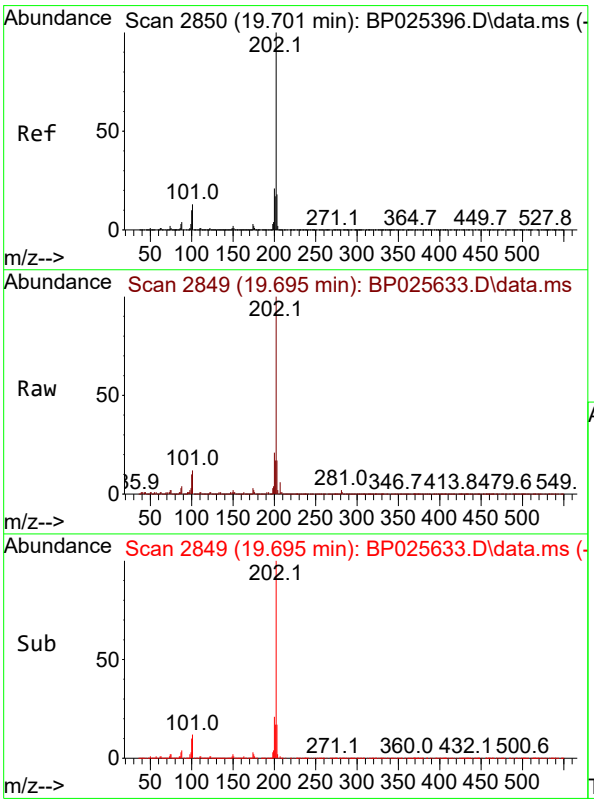
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion:240 Resp: 887404

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	25.5	19.8	29.8

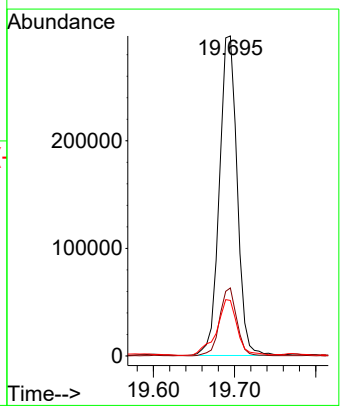


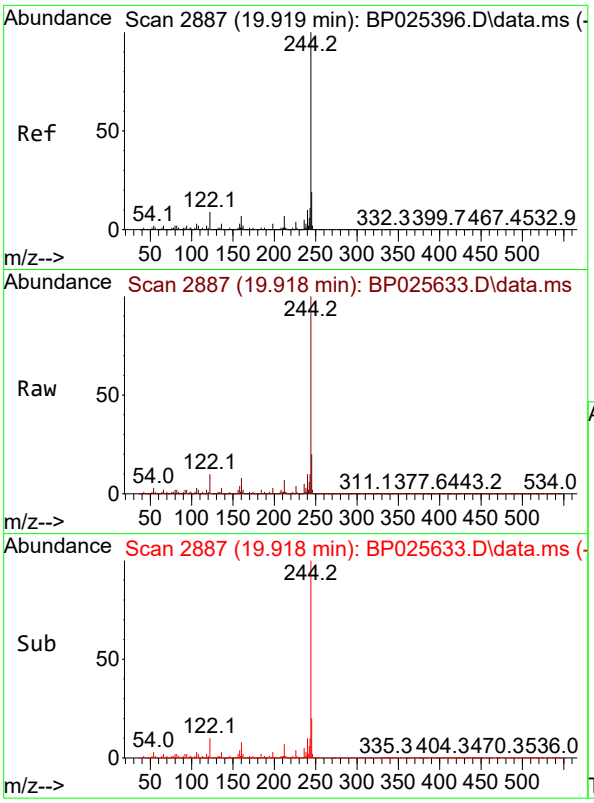


#78
Pyrene
Concen: 7.840 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:202 Resp: 452193

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.4	14.2	21.2



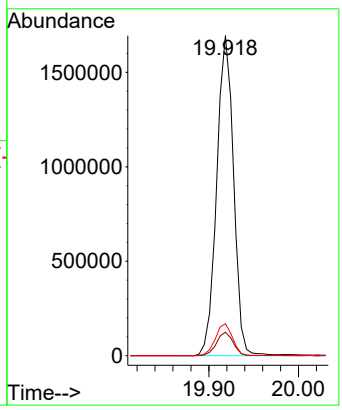


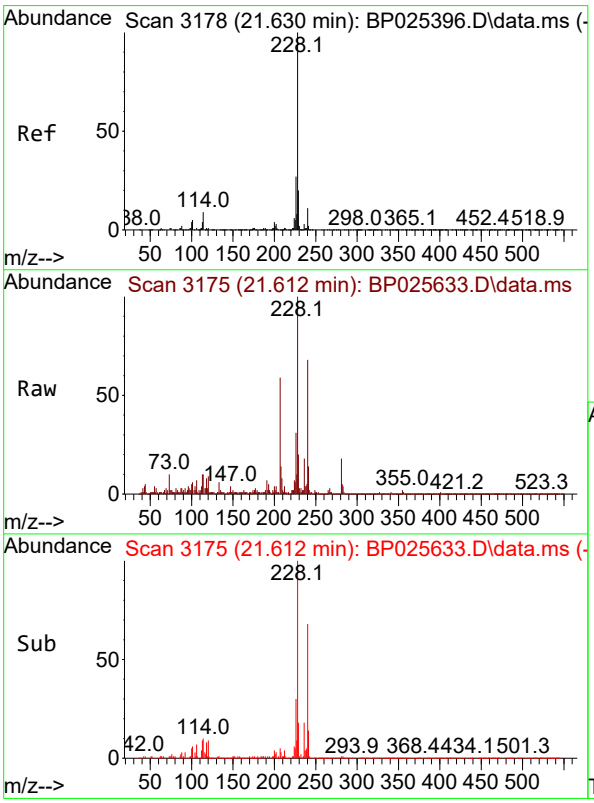
#79
Terphenyl-d14
Concen: 45.651 ng
RT: 19.918 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion:244 Resp: 2214221

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.0	7.4	11.2

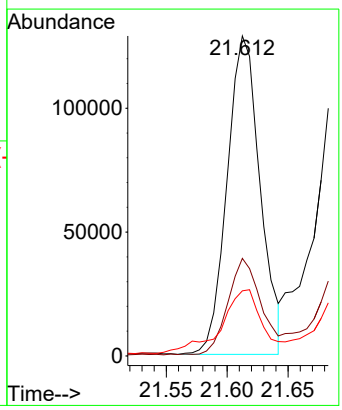


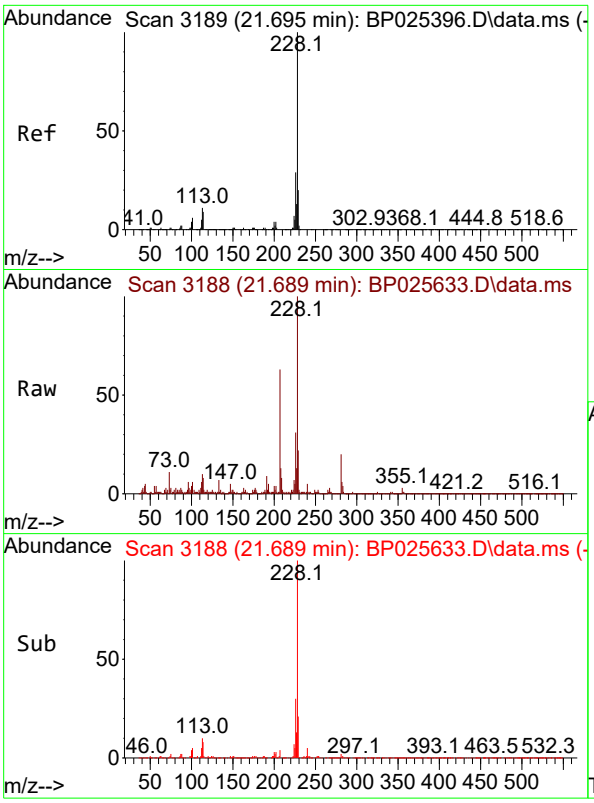


#81
Benzo(a)anthracene
Concen: 4.140 ng
RT: 21.612 min Scan# 3175
Delta R.T. -0.018 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:228 Resp: 242315

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.7	32.5
229	20.4	15.6	23.4



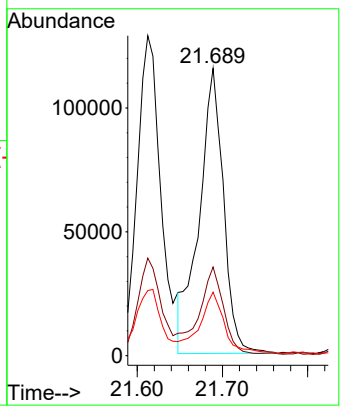


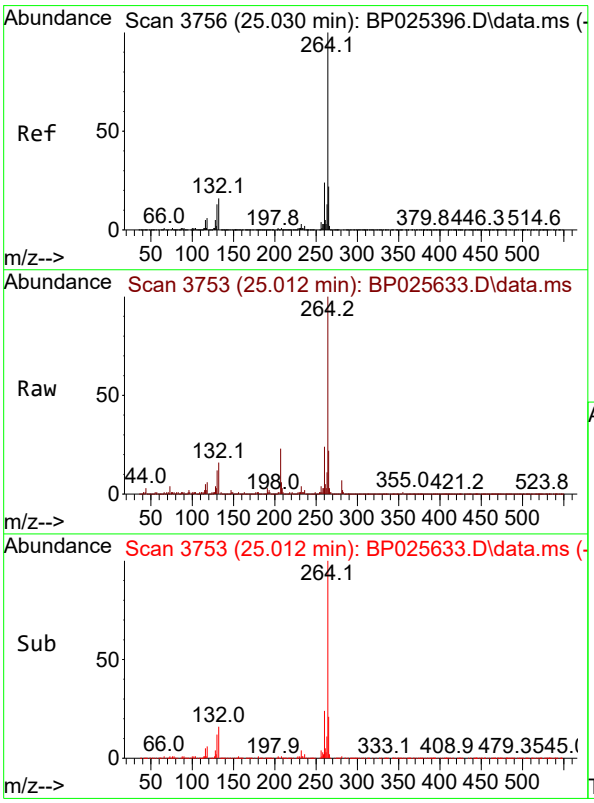
#83
Chrysene
Concen: 4.179 ng
RT: 21.689 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion:228 Resp: 229066

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.2	34.8
229	22.1	15.6	23.4

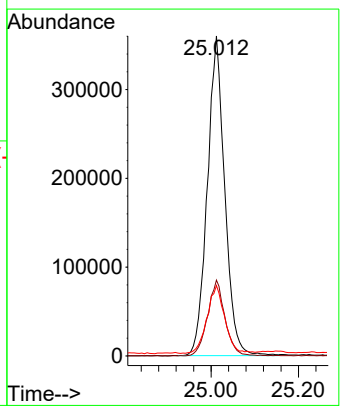


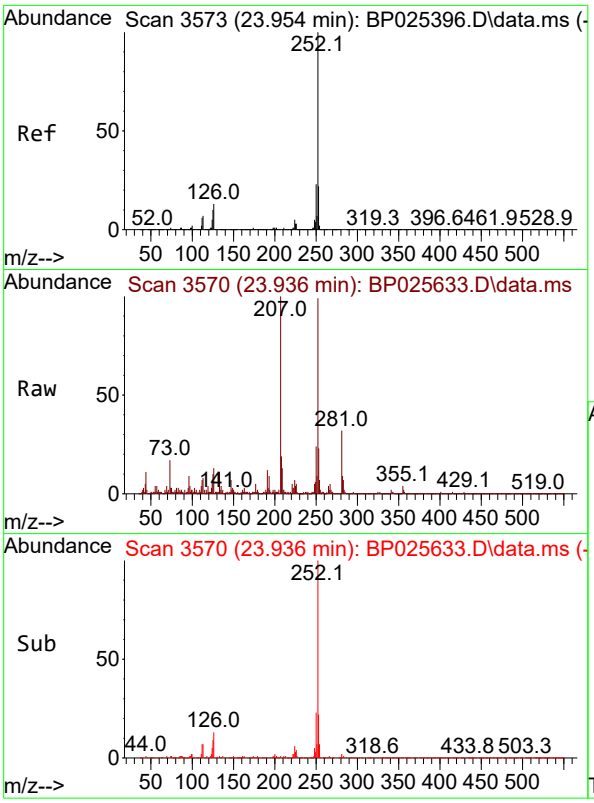


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3753
Delta R.T. -0.018 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:264 Resp: 996003

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.0	17.4	26.0



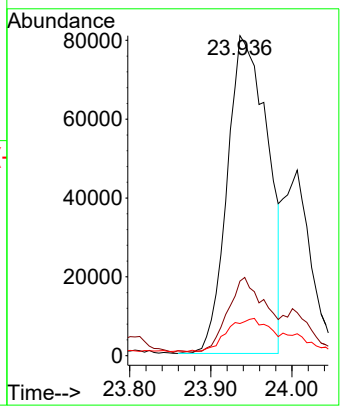


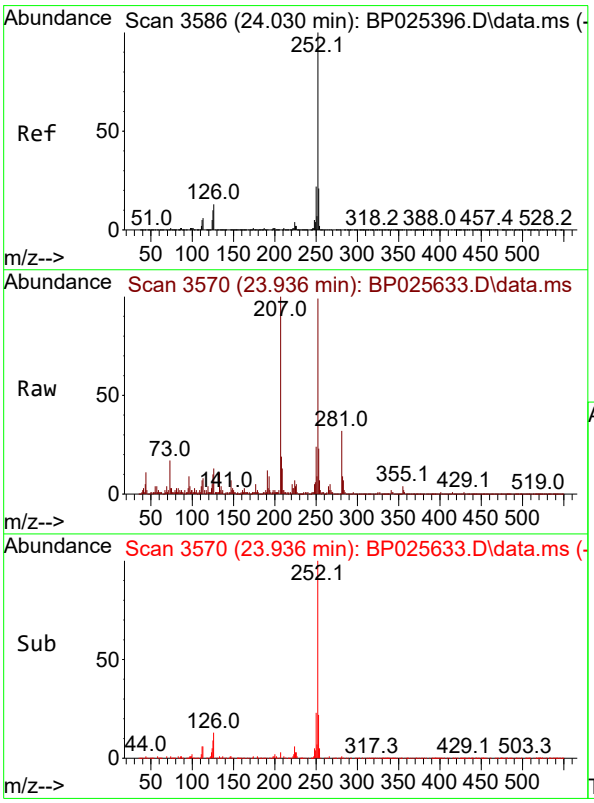
#88
Benzo(b)fluoranthene
Concen: 4.735 ng
RT: 23.936 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion:252 Resp: 278088

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.1	7.9	11.9

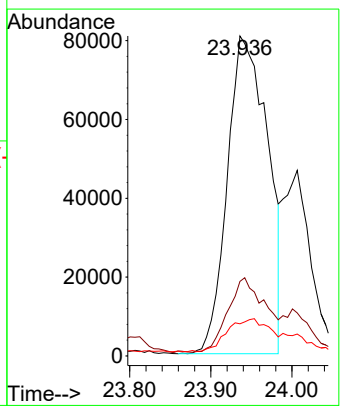


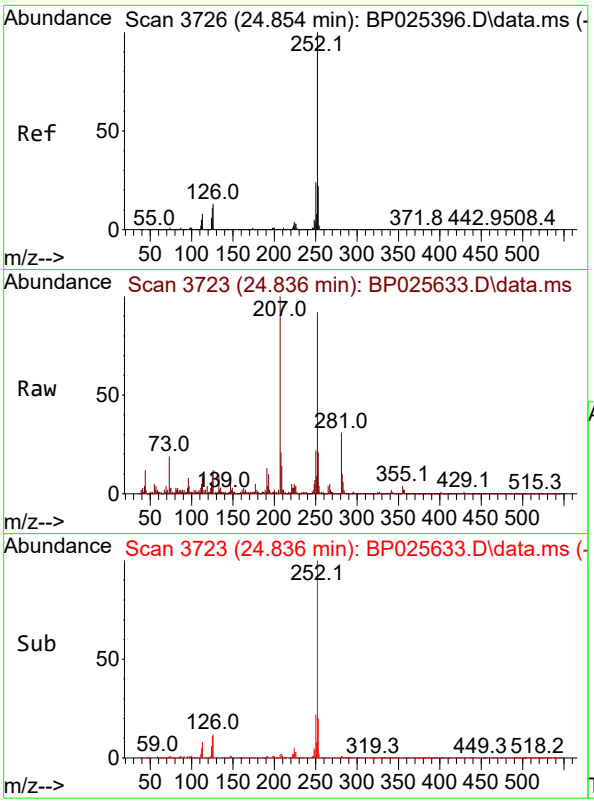


#89
Benzo(k)fluoranthene
Concen: 4.732 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.094 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:252 Resp: 278088

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	10.1	7.8	11.6



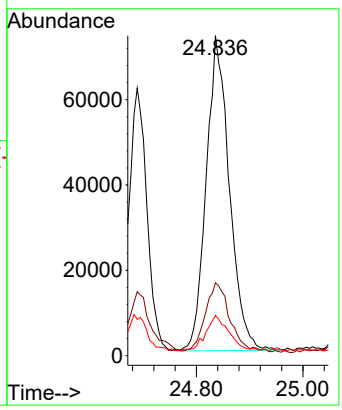


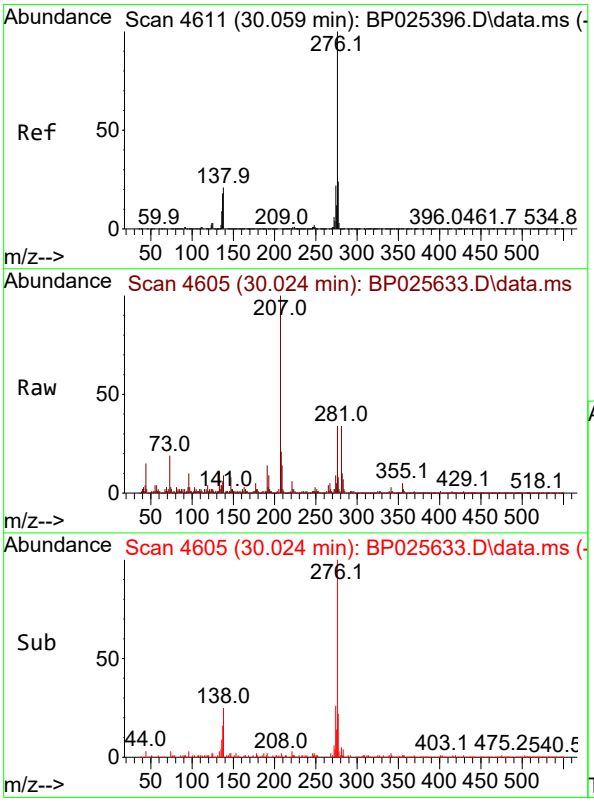
#90
Benzo(a)pyrene
Concen: 3.896 ng
RT: 24.836 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Instrument :
BNA_P
ClientSampleId :
SP-A

Tgt Ion:252 Resp: 222759

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.5	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 2.609 ng
RT: 30.024 min Scan# 4605
Delta R.T. -0.035 min
Lab File: BP025633.D
Acq: 29 Aug 2025 20:11

Tgt Ion:276 Resp: 153060

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	25.7	16.7	25.1#