Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025679.D
Acq On : 05 Sep 2025 16:37
Operator : CG/JU
Sample : Q3027-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Quant Time: Sep 05 17:02:06 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

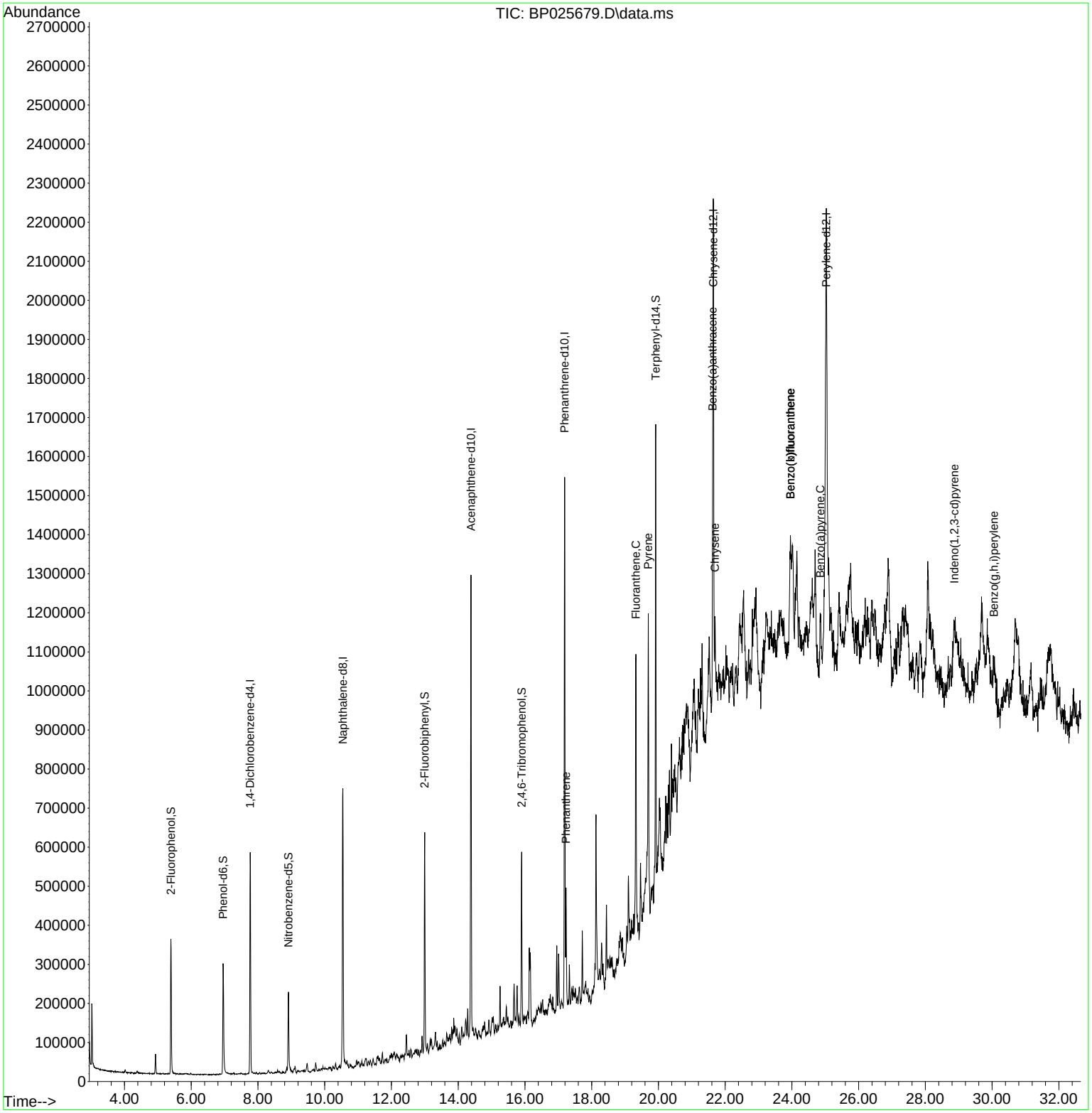
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.766	152	156373	20.000	ng		-0.03
21) Naphthalene-d8	10.543	136	629460	20.000	ng		-0.02
39) Acenaphthene-d10	14.384	164	402518	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	810667	20.000	ng		-0.01
76) Chrysene-d12	21.648	240	870971	20.000	ng		0.00
86) Perylene-d12	25.030	264	1037581	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	156917	16.665	ng		-0.02
7) Phenol-d6	6.955	99	192849	15.975	ng		-0.01
23) Nitrobenzene-d5	8.913	82	124051	9.969	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	90778	16.755	ng		-0.01
45) 2-Fluorobiphenyl	12.996	172	304056	10.324	ng		-0.02
79) Terphenyl-d14	19.919	244	518890	10.900	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.231	178	186008	4.177	ng		99
75) Fluoranthene	19.319	202	379423	7.143	ng		98
78) Pyrene	19.695	202	400148	7.068	ng		100
81) Benzo(a)anthracene	21.624	228	211171	3.676	ng	#	93
83) Chrysene	21.695	228	194298	3.612	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.865	276	168427	2.213	ng	#	85
88) Benzo(b)fluoranthene	23.960	252	297422	4.861	ng	#	88
89) Benzo(k)fluoranthene	23.960	252	297422	4.858	ng	#	87
90) Benzo(a)pyrene	24.854	252	235185	3.949	ng	#	90
92) Benzo(g,h,i)perylene	30.053	276	177052	2.897	ng		95

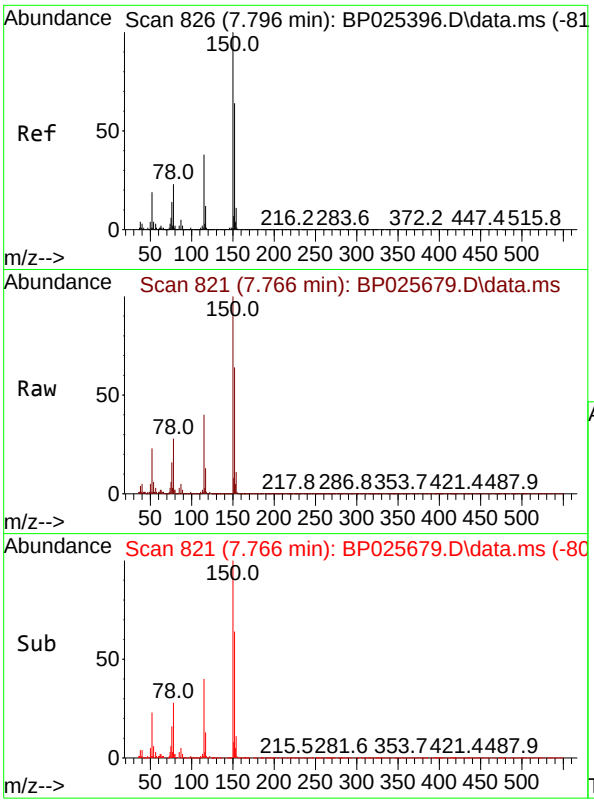
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025679.D
Acq On : 05 Sep 2025 16:37
Operator : CG/JU
Sample : Q3027-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Quant Time: Sep 05 17:02:06 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



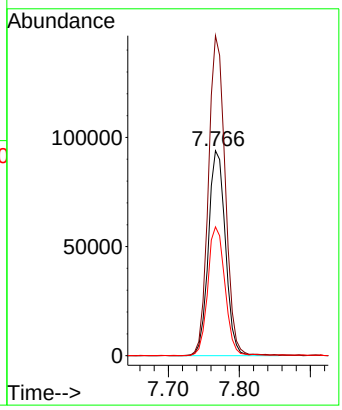


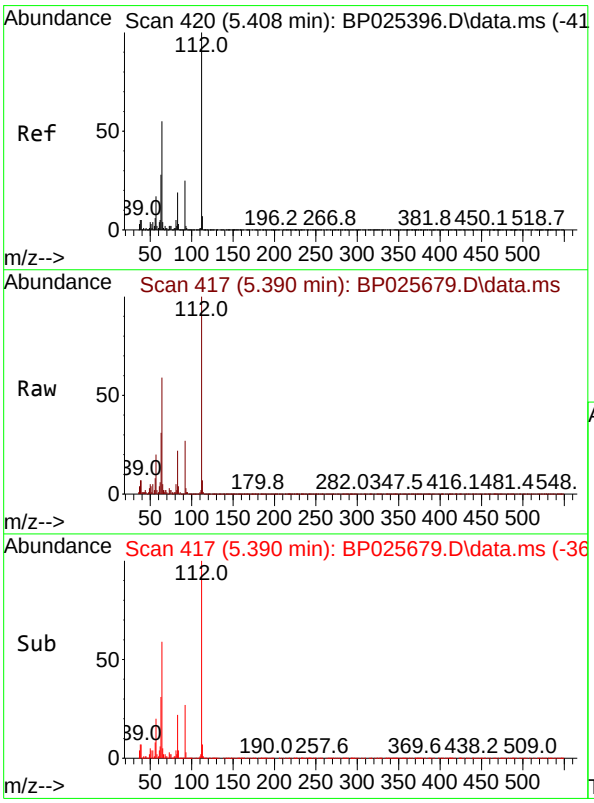
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 8
Delta R.T. -0.030 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion:152 Resp: 156373

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.9	188.9
115	62.8	48.5	72.7

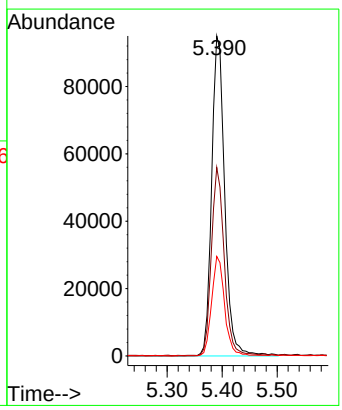


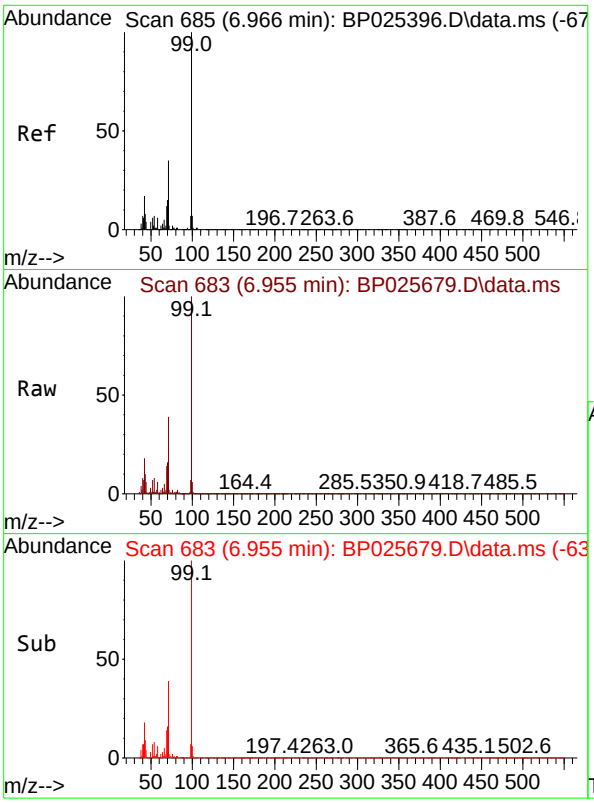


#5
2-Fluorophenol
Concen: 16.665 ng
RT: 5.390 min Scan# 417
Delta R.T. -0.018 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:112 Resp: 156917

Ion	Ratio	Lower	Upper
112	100		
64	58.9	43.8	65.8
63	31.1	22.7	34.1



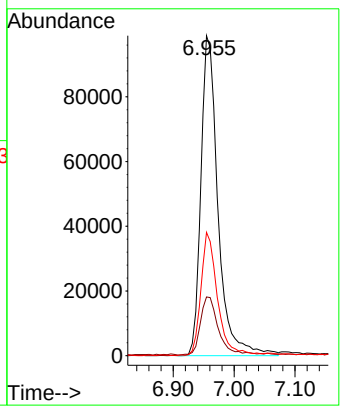


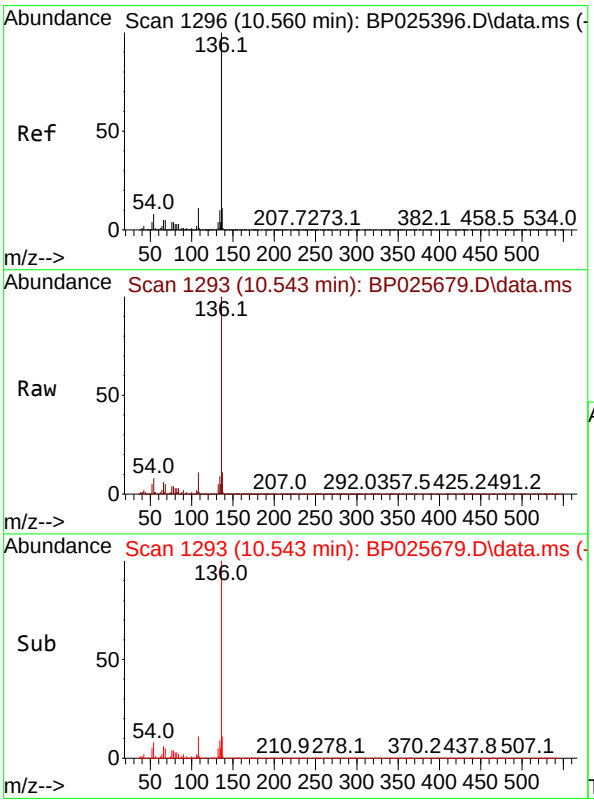
#7
Phenol-d6
Concen: 15.975 ng
RT: 6.955 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion: 99 Resp: 192849

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.7	20.5
71	38.5	28.2	42.4

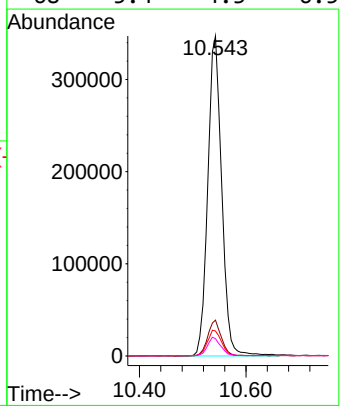


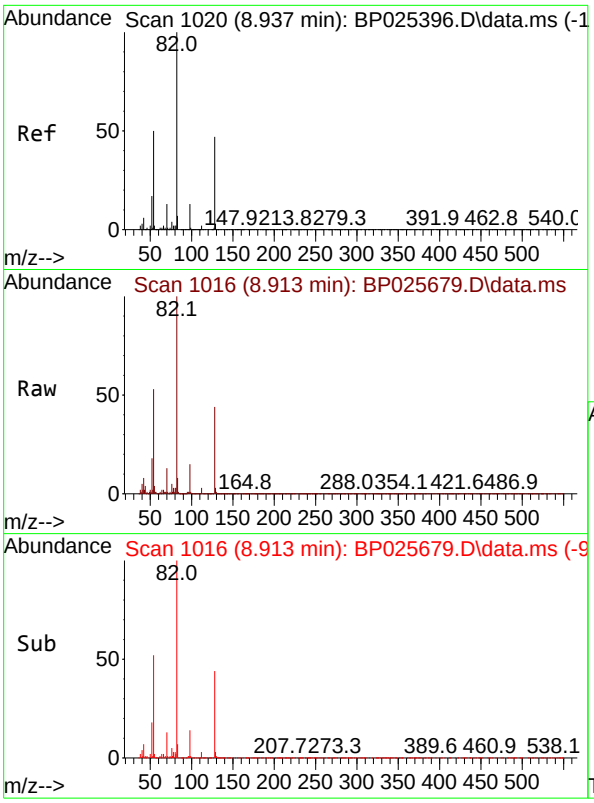


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:136 Resp: 629460

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.8	6.0	9.0
68	5.4	4.3	6.5



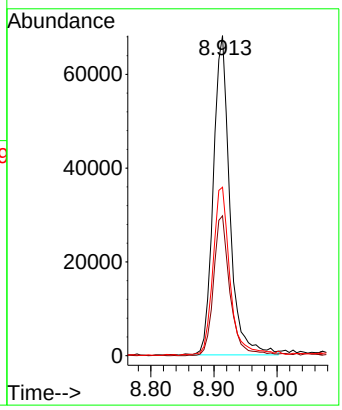


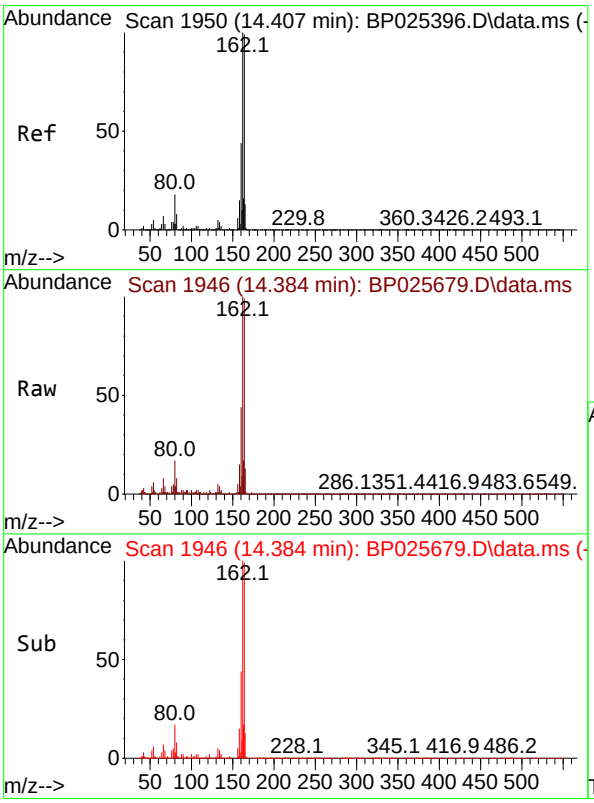
#23
Nitrobenzene-d5
Concen: 9.969 ng
RT: 8.913 min Scan# 1(
Delta R.T. -0.023 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion: 82 Resp: 124051

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.7	56.5
54	52.6	39.8	59.6

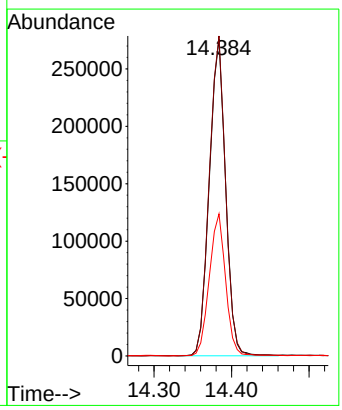


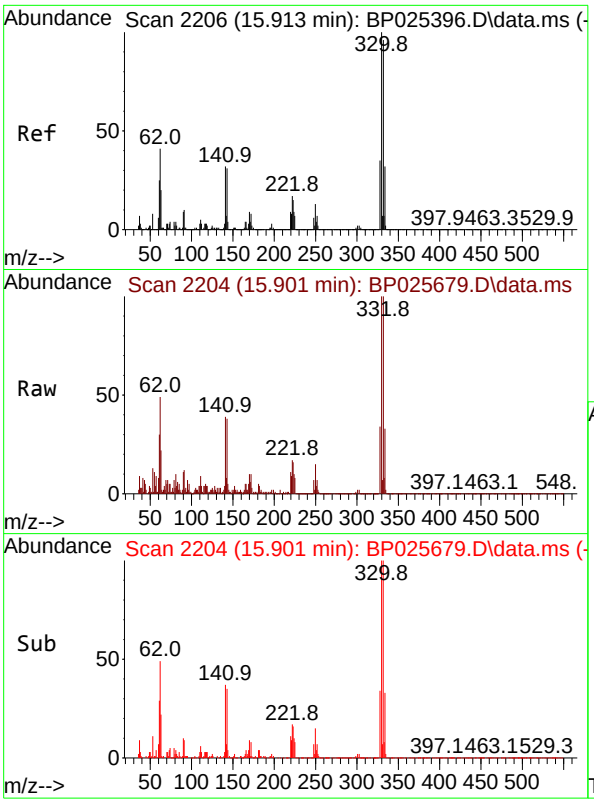


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:164 Resp: 402518

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.0	121.6
160	44.8	35.4	53.2



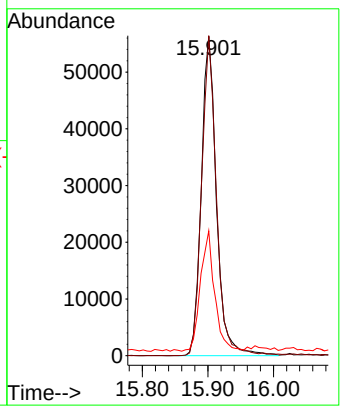


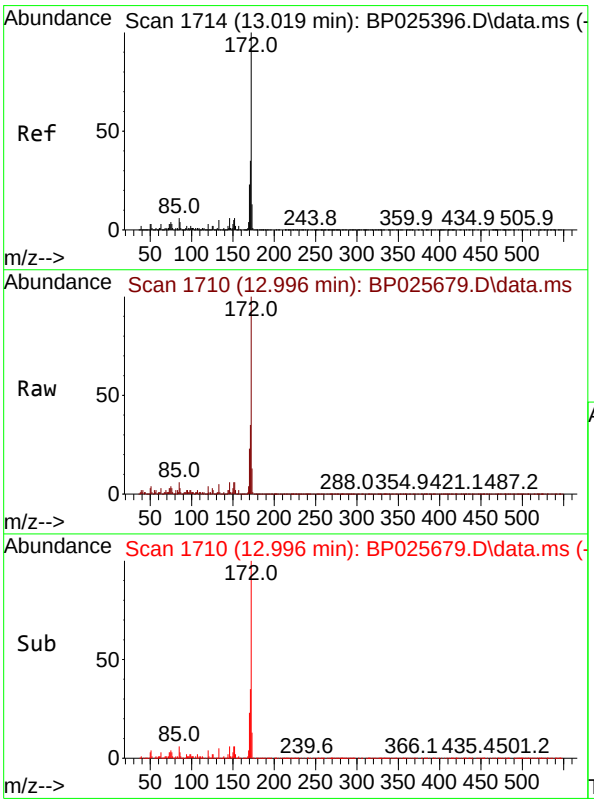
#42
2,4,6-Tribromophenol
Concen: 16.755 ng
RT: 15.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion:330 Resp: 90778

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	35.2	26.6	39.8

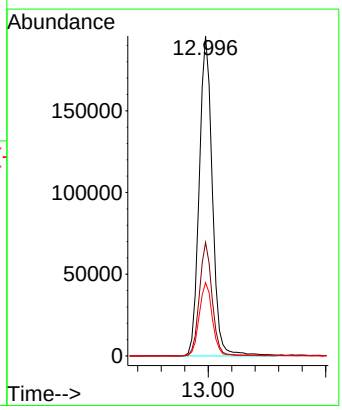


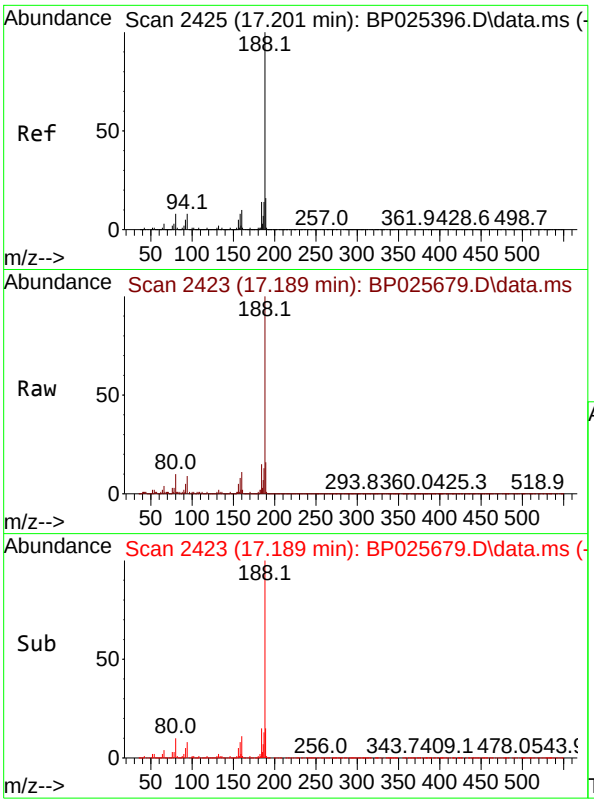


#45
2-Fluorobiphenyl
Concen: 10.324 ng
RT: 12.996 min Scan# 1710
Delta R.T. -0.023 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:172 Resp: 304056

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	22.9	18.6	28.0



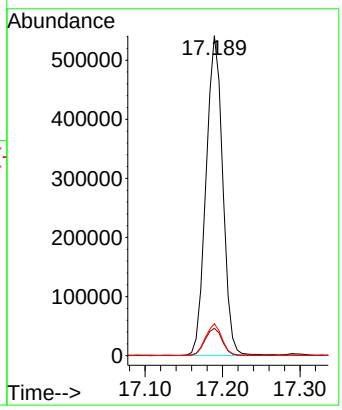


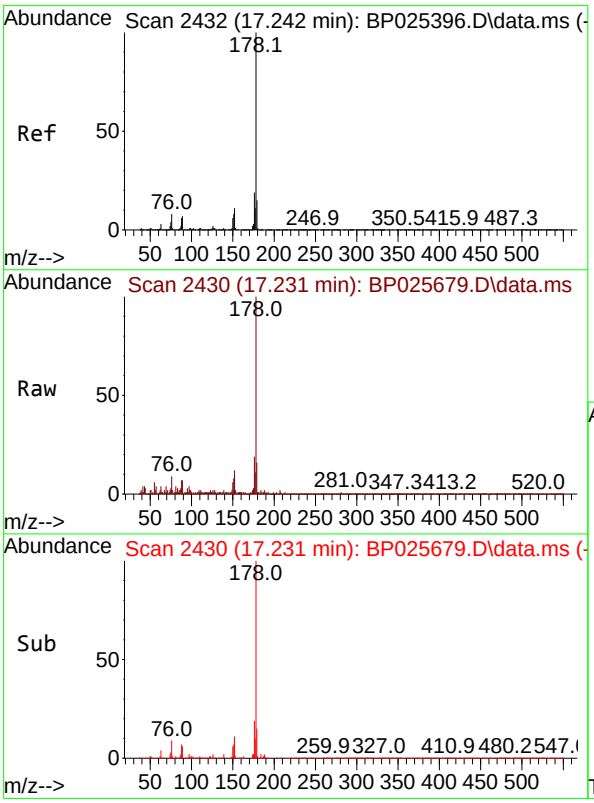
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion:188 Resp: 810667

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

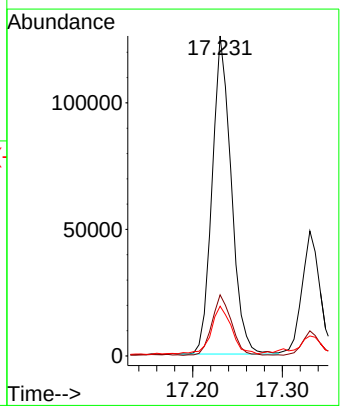


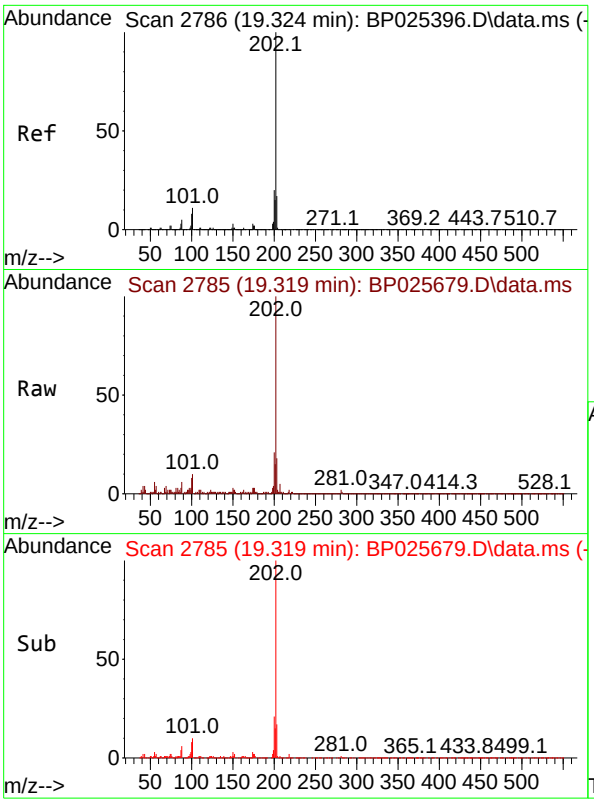


#71
Phenanthrene
Concen: 4.177 ng
RT: 17.231 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:178 Resp: 186008

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.6	12.2	18.4



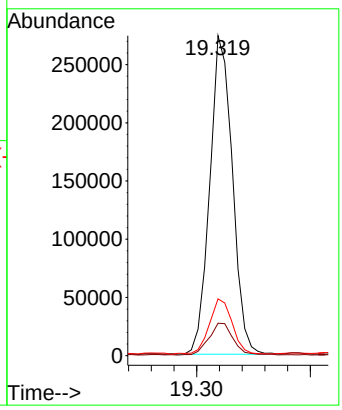


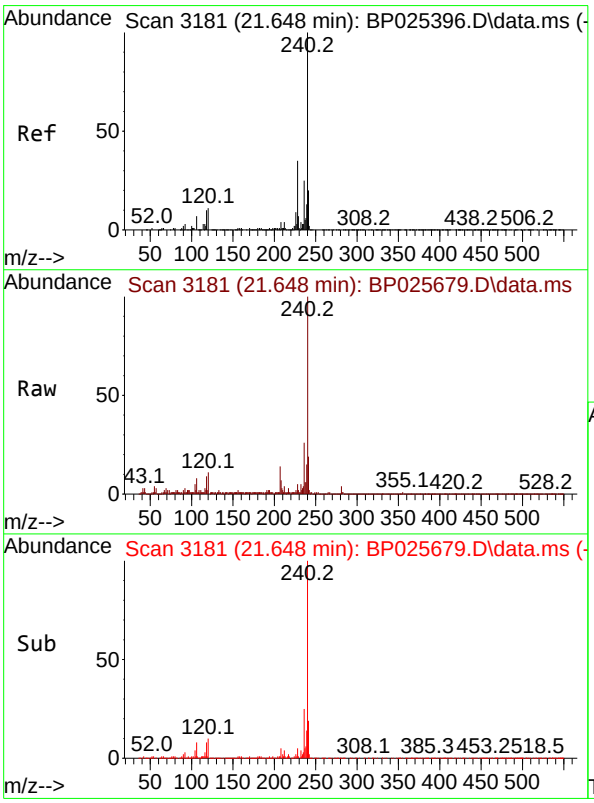
#75
Fluoranthene
Concen: 7.143 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion:202 Resp: 379423

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.1
203	17.8	0.0	37.3

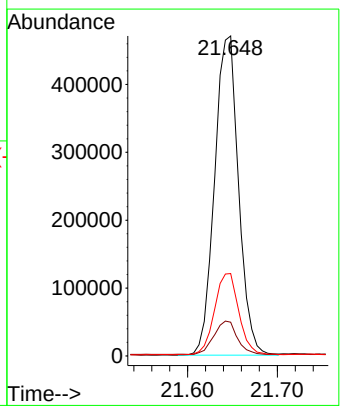


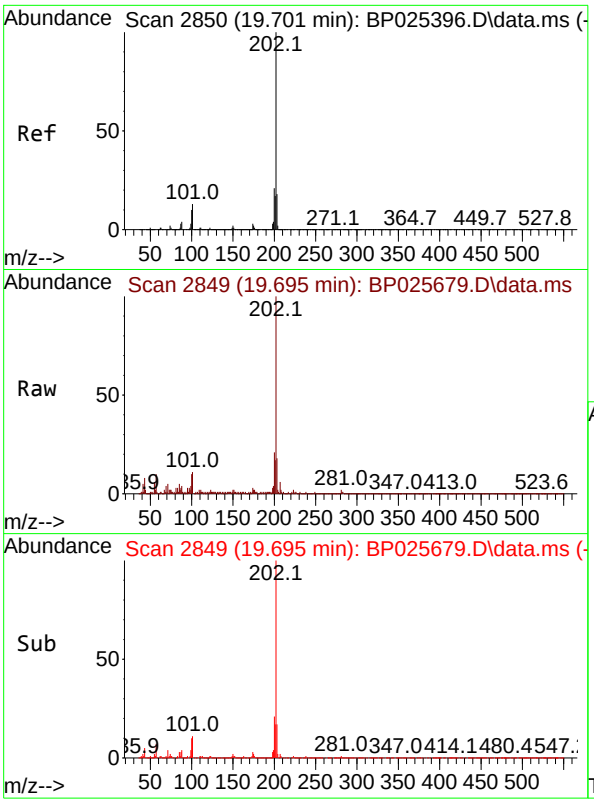


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:240 Resp: 870971

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.8	19.8	29.8



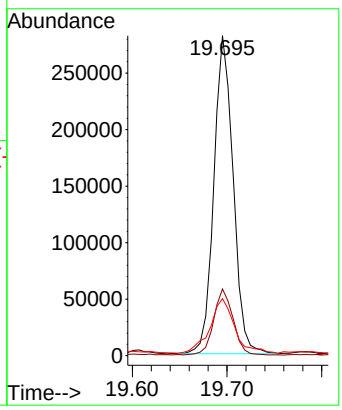


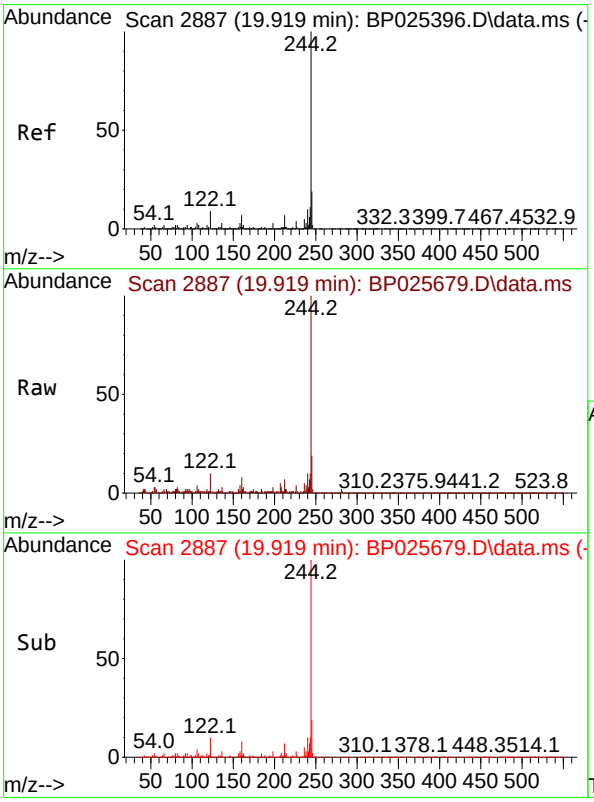
#78
Pyrene
Concen: 7.068 ng
RT: 19.695 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion:202 Resp: 400148

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.8	14.2	21.2

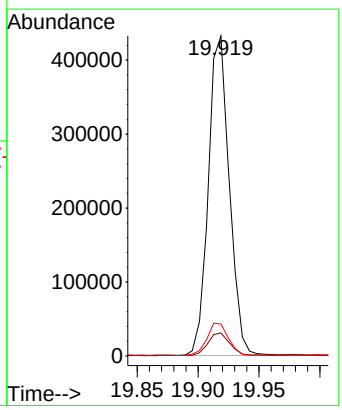


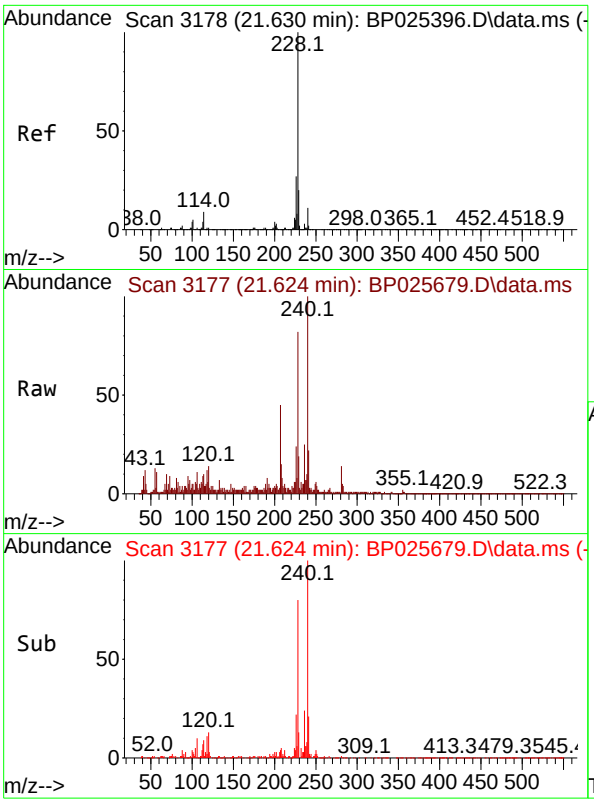


#79
Terphenyl-d14
Concen: 10.900 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:244 Resp: 518890

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.0	7.4	11.2



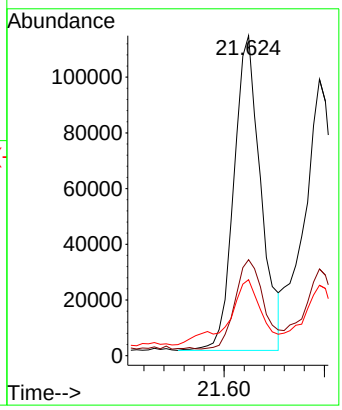


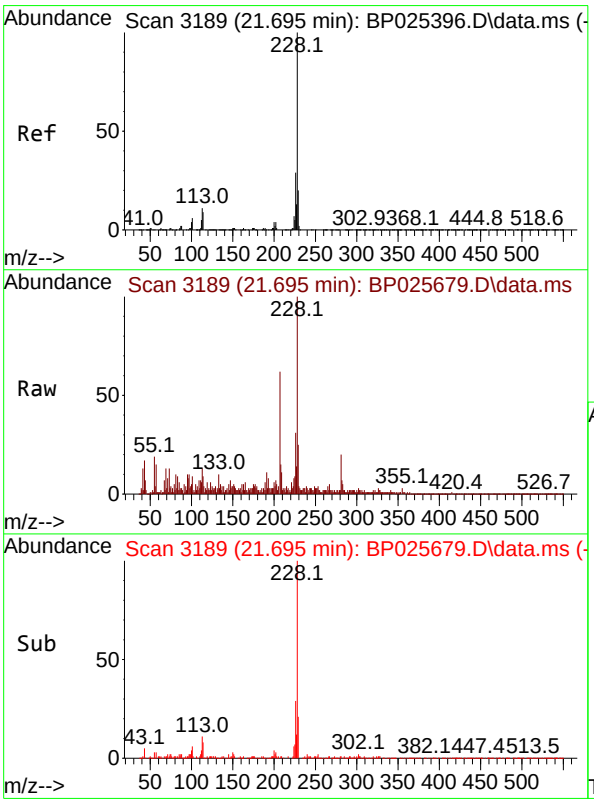
#81
Benzo(a)anthracene
Concen: 3.676 ng
RT: 21.624 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion:228 Resp: 211171

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.7	32.5
229	23.7	15.6	23.4#

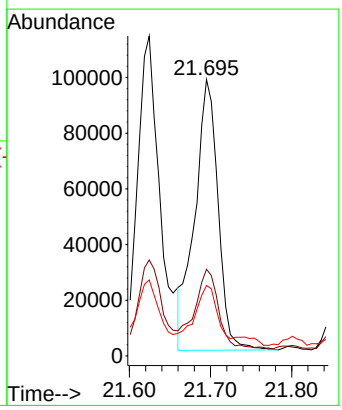


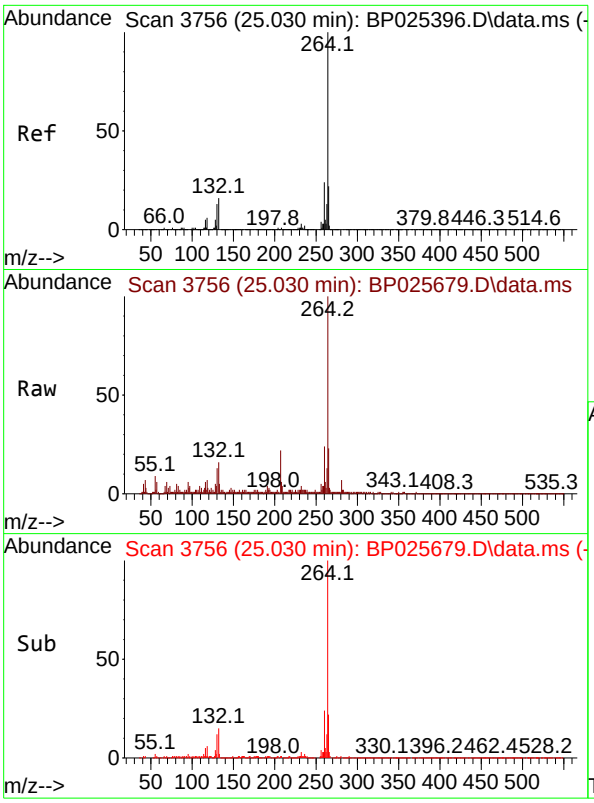


#83
Chrysene
Concen: 3.612 ng
RT: 21.695 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:228 Resp: 194298

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.2	34.8
229	25.4	15.6	23.4#



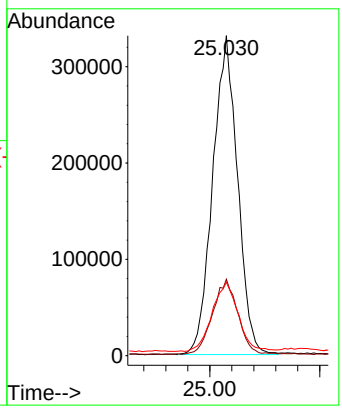


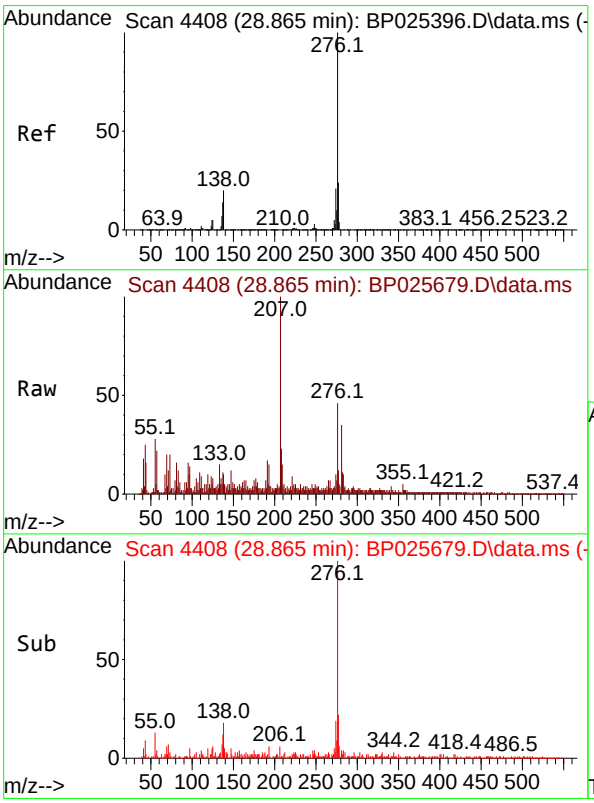
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion:264 Resp: 1037581

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	23.0	17.4	26.0

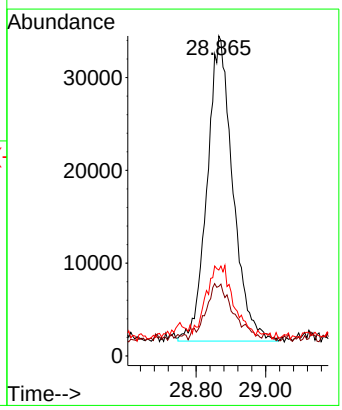


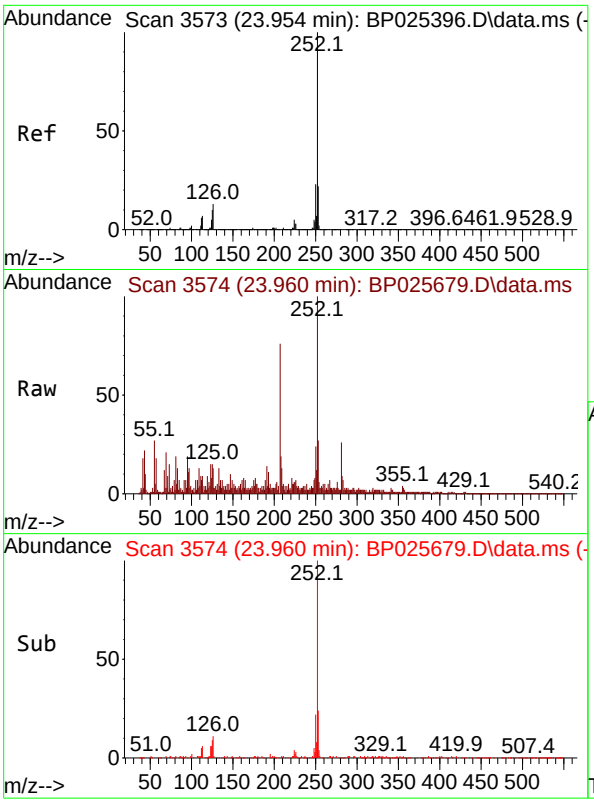


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.213 ng
RT: 28.865 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:276 Resp: 168427

Ion	Ratio	Lower	Upper
276	100		
138	18.3	12.9	19.3
277	11.0	17.0	25.6#



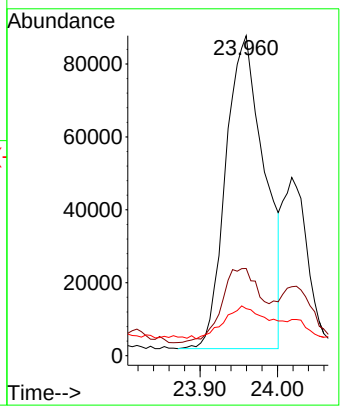


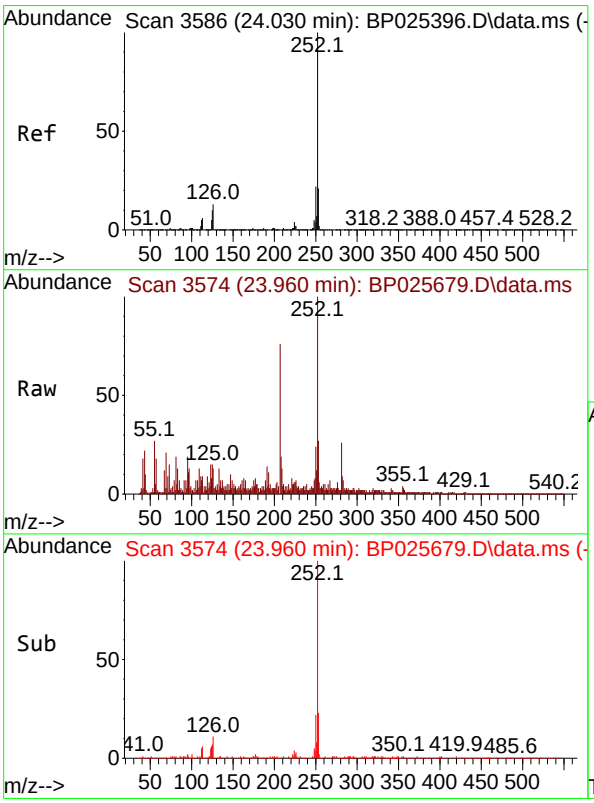
#88
Benzo(b)fluoranthene
Concen: 4.861 ng
RT: 23.960 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion:252 Resp: 297422

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.7	26.5#
125	14.7	7.9	11.9#

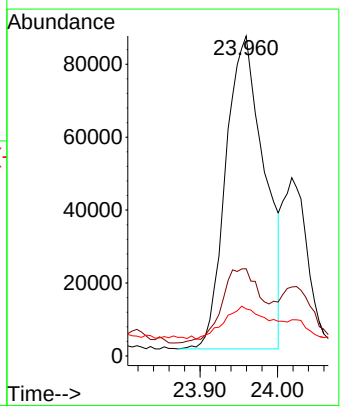


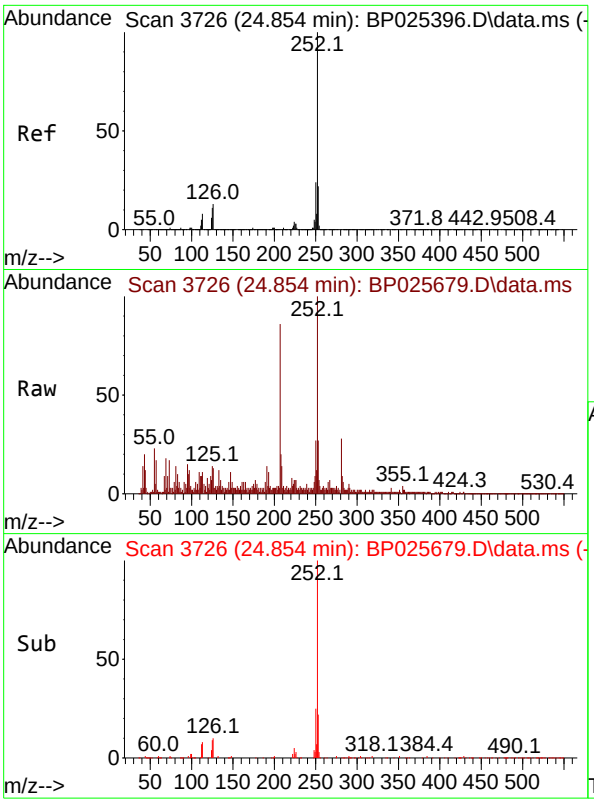


#89
Benzo(k)fluoranthene
Concen: 4.858 ng
RT: 23.960 min Scan# 3574
Delta R.T. -0.070 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:252 Resp: 297422

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.1	25.7#
125	14.7	7.8	11.6#



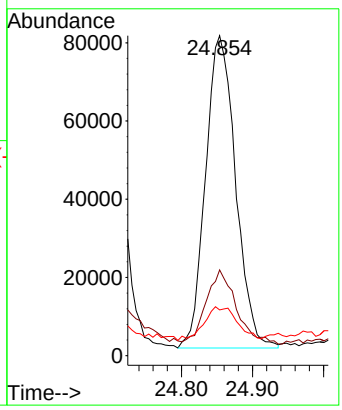


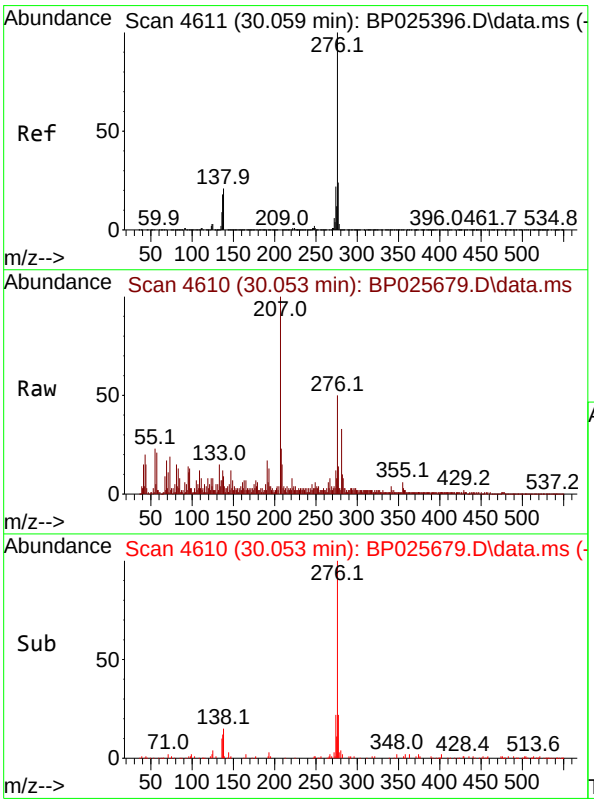
#90
Benzo(a)pyrene
Concen: 3.949 ng
RT: 24.854 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Instrument :
BNA_P
ClientSampleId :
HD-01-09042025

Tgt Ion:252 Resp: 235185

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.5	26.3#
125	14.3	8.7	13.1#





#92
Benzo(g,h,i)perylene
Concen: 2.897 ng
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025679.D
Acq: 05 Sep 2025 16:37

Tgt Ion:276 Resp: 177052

Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.4	29.0
138	19.0	16.7	25.1