Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025095.D
Acq On : 10 Jul 2025 23:13
Operator : CG/JU
Sample : Q2487-13DL 4X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Quant Time: Jul 11 02:33:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	333631	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	1470190	20.000	ng		0.00
39) Acenaphthene-d10	14.089	164	1059536	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	2622856	20.000	ng		0.00
76) Chrysene-d12	21.342	240	3703134	20.000	ng		0.00
86) Perylene-d12	24.477	264	4039718	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	379629	20.161	ng		0.00
7) Phenol-d6	6.625	99	540479	21.996	ng		0.00
23) Nitrobenzene-d5	8.560	82	272510	12.327	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	369480	29.519	ng		0.00
45) 2-Fluorobiphenyl	12.690	172	845029	12.355	ng		0.00
79) Terphenyl-d14	19.672	244	2261108	13.420	ng		0.00
Target Compounds							Qvalue
52) Acenaphthene	14.148	154	174082	3.046	ng		97
58) Fluorene	15.166	166	236932	3.247	ng		97
71) Phenanthrene	16.954	178	5834841	41.633	ng		100
72) Anthracene	17.042	178	1721501	12.803	ng		99
73) Carbazole	17.325	167	509304	3.874	ng		99
75) Fluoranthene	19.054	202	13452670	82.118	ng		97
78) Pyrene	19.430	202	12272040	53.504	ng		98
81) Benzo(a)anthracene	21.319	228	8247694	36.752	ng		97
83) Chrysene	21.389	228	7298711	33.796	ng		98
87) Indeno(1,2,3-cd)pyrene	28.006	276	4565288	17.739	ng	#	89
88) Benzo(b)fluoranthene	23.513	252	10010862	42.575	ng		98
89) Benzo(k)fluoranthene	23.554	252	3407306	14.564	ng		97
90) Benzo(a)pyrene	24.336	252	7001194	34.985	ng		98
91) Dibenzo(a,h)anthracene	28.071	278	1146758	5.391	ng		94
92) Benzo(g,h,i)perylene	29.083	276	4074725	18.542	ng		98

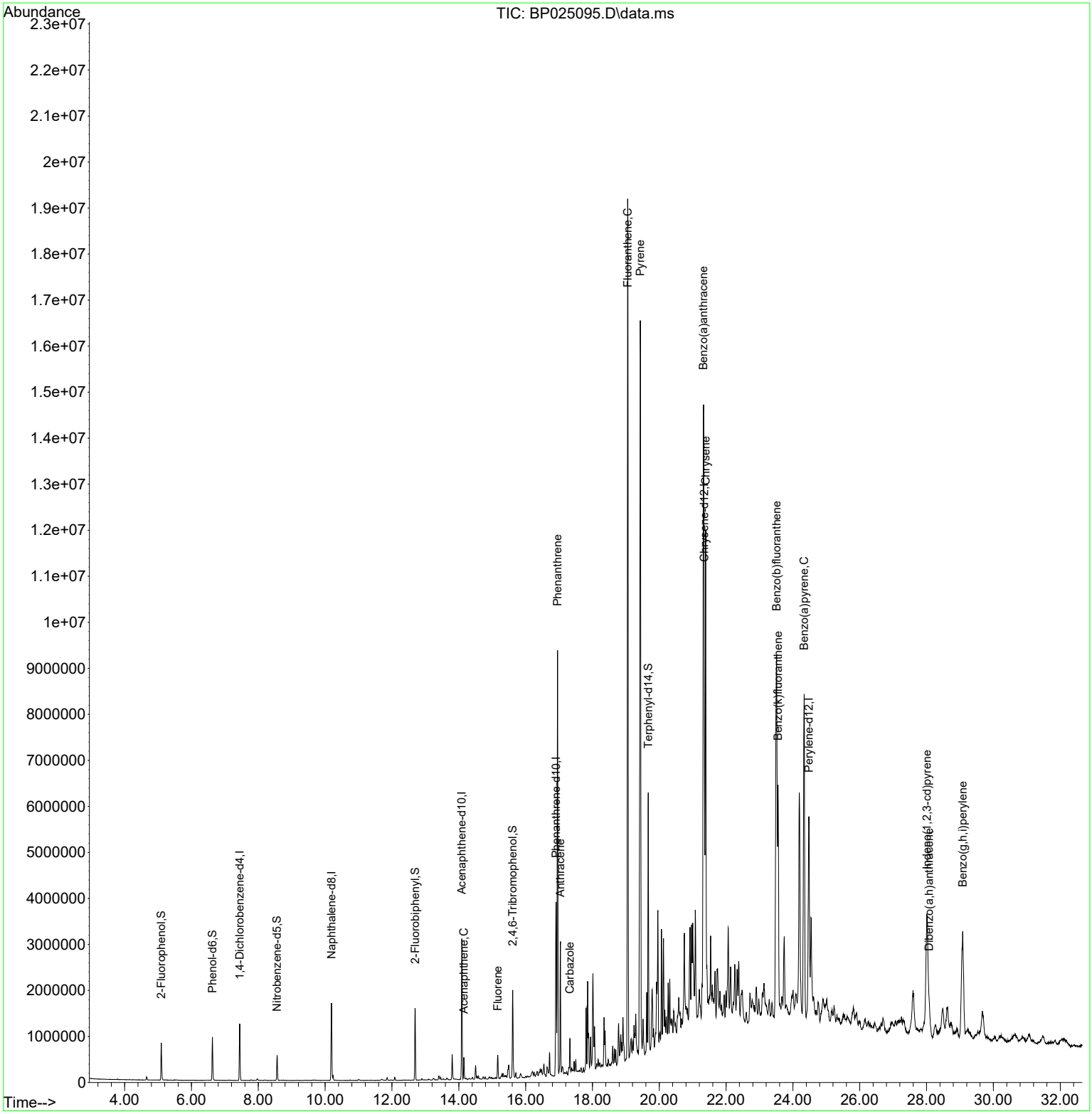
(#) = qualifier out of range (m) = manual integration (+) = signals summed

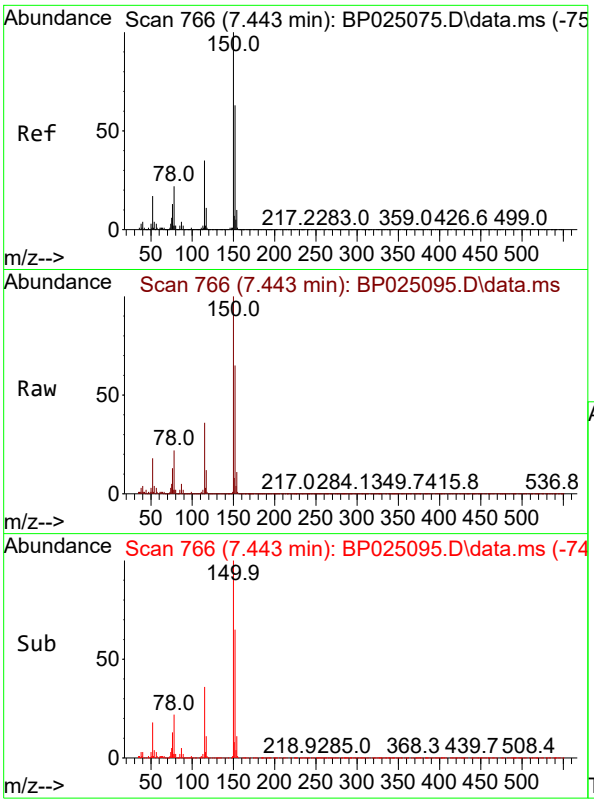
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025095.D
Acq On : 10 Jul 2025 23:13
Operator : CG/JU
Sample : Q2487-13DL 4X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Quant Time: Jul 11 02:33:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



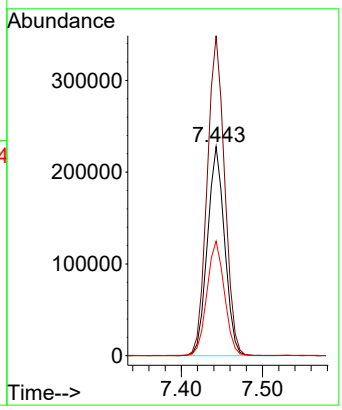


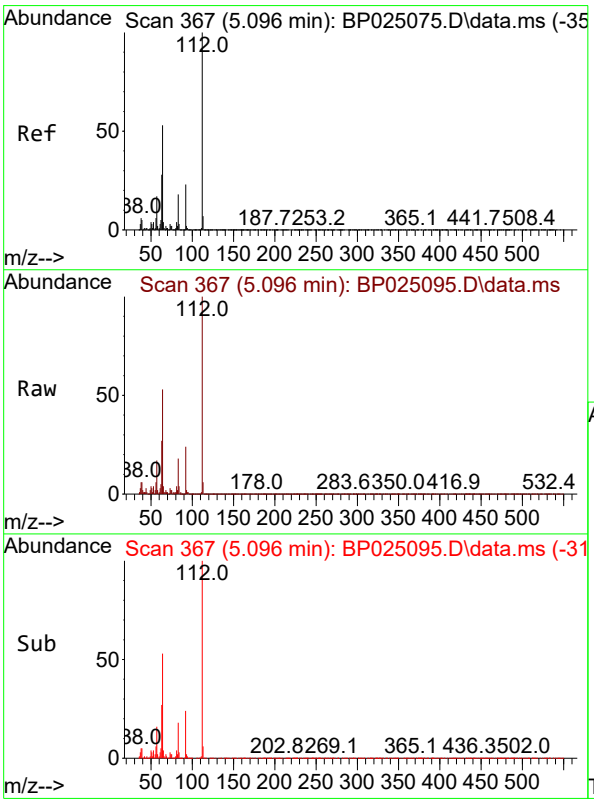
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:152 Resp: 333631

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.1	189.1
115	54.8	44.3	66.5

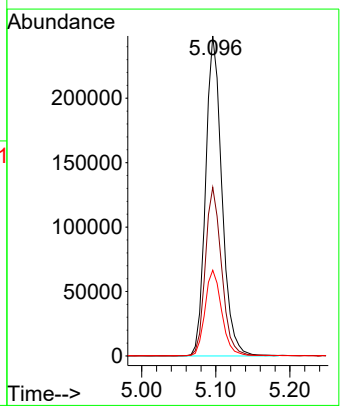


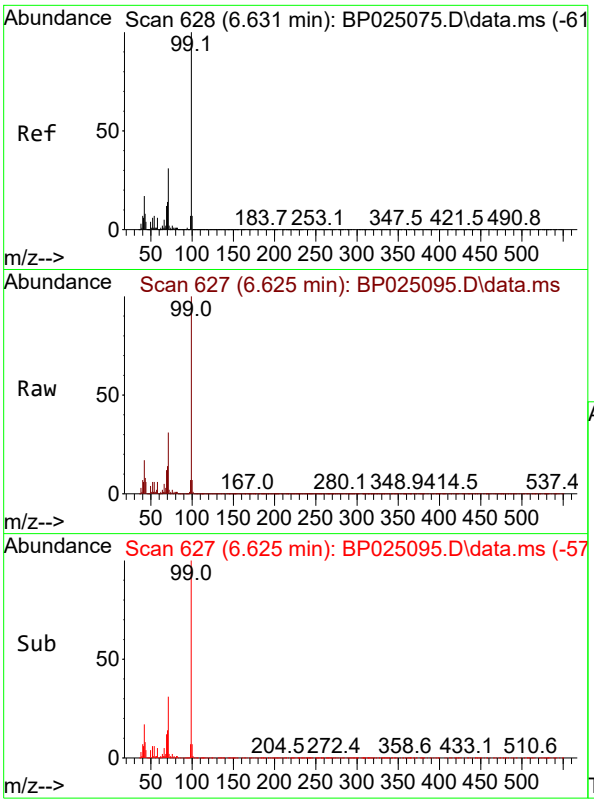


#5
2-Fluorophenol
Concen: 20.161 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:112 Resp: 379629

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.0	63.0
63	26.8	22.2	33.2



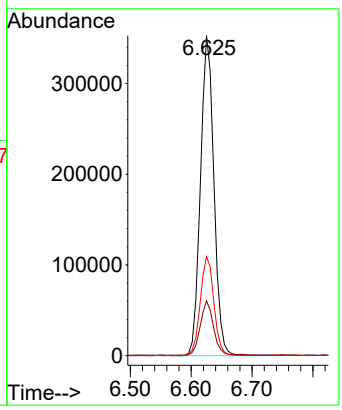


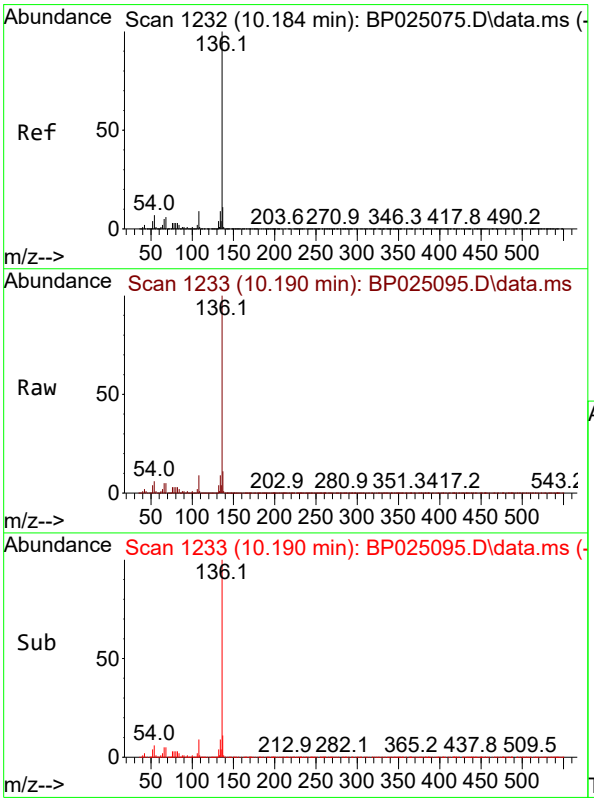
#7
Phenol-d6
Concen: 21.996 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion: 99 Resp: 540479

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	30.9	24.4	36.6

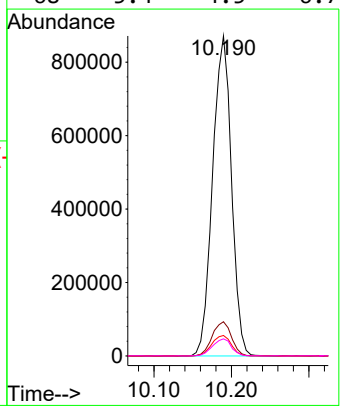


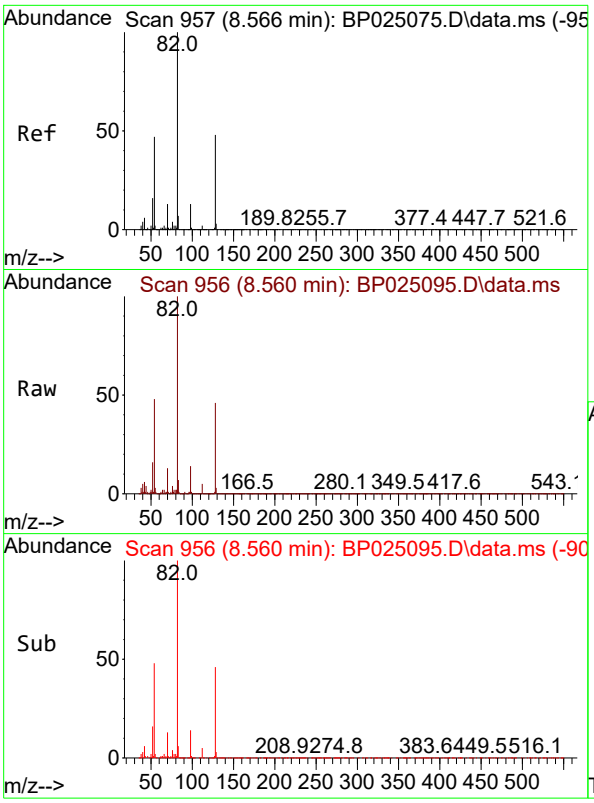


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:136 Resp: 1470190

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.4	5.4	8.2
68	5.4	4.5	6.7



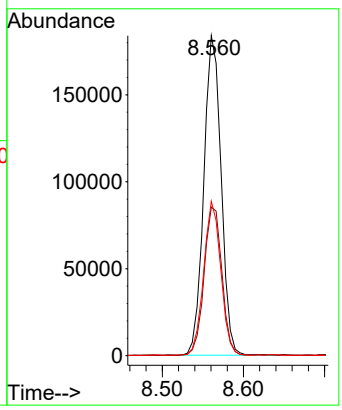


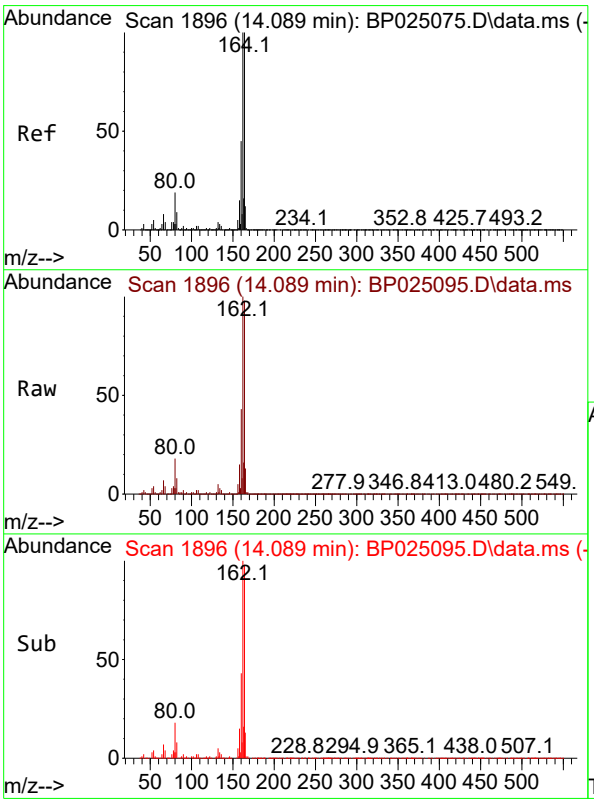
#23
Nitrobenzene-d5
Concen: 12.327 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion: 82 Resp: 272510

Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.4	57.6
54	48.3	37.8	56.6

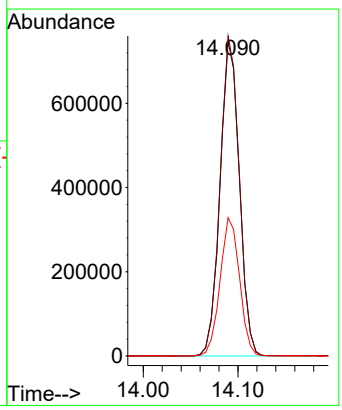


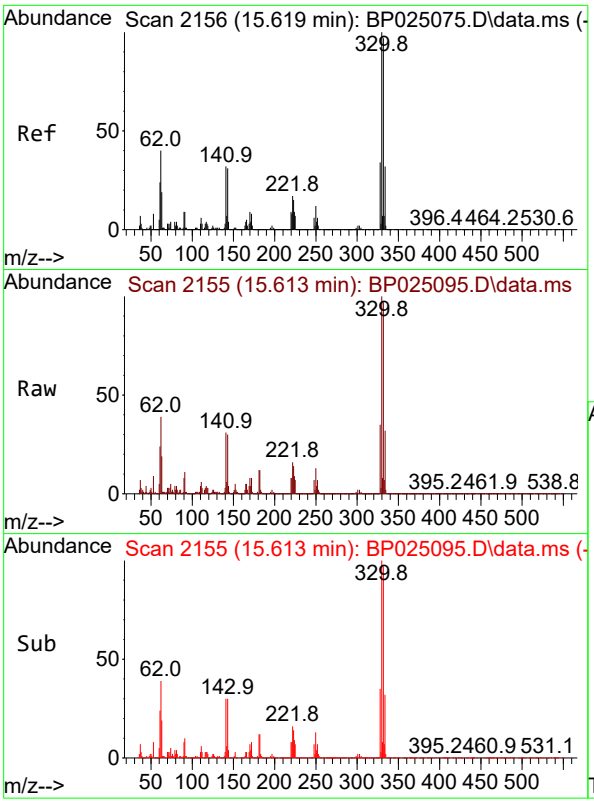


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:164 Resp: 1059536

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.3	120.5
160	44.0	35.9	53.9



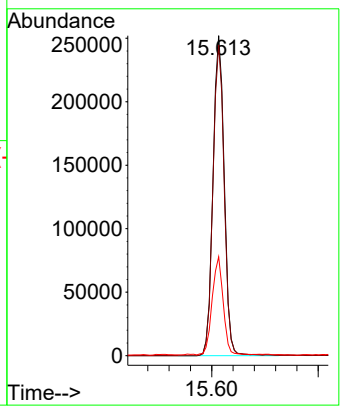


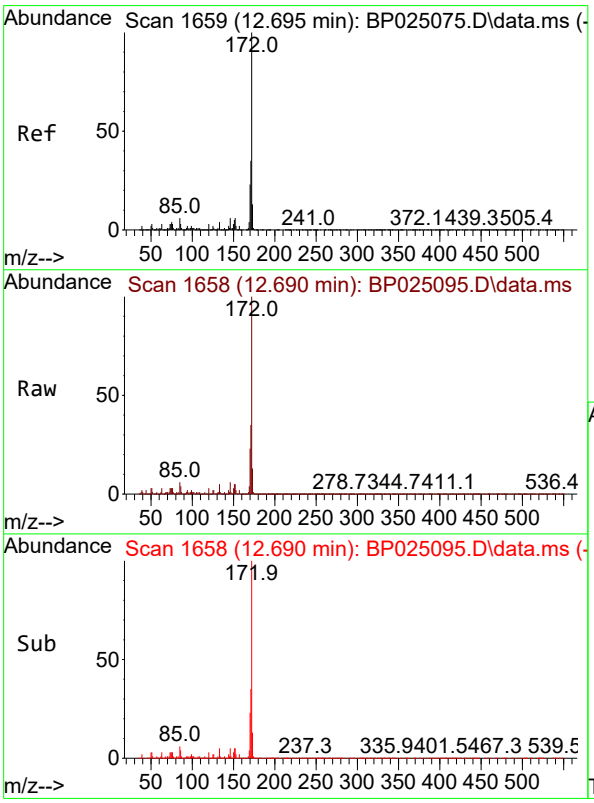
#42
2,4,6-Tribromophenol
Concen: 29.519 ng
RT: 15.613 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:330 Resp: 369480

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.7	116.5
141	30.0	26.0	39.0

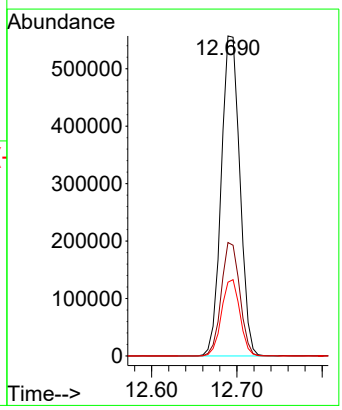


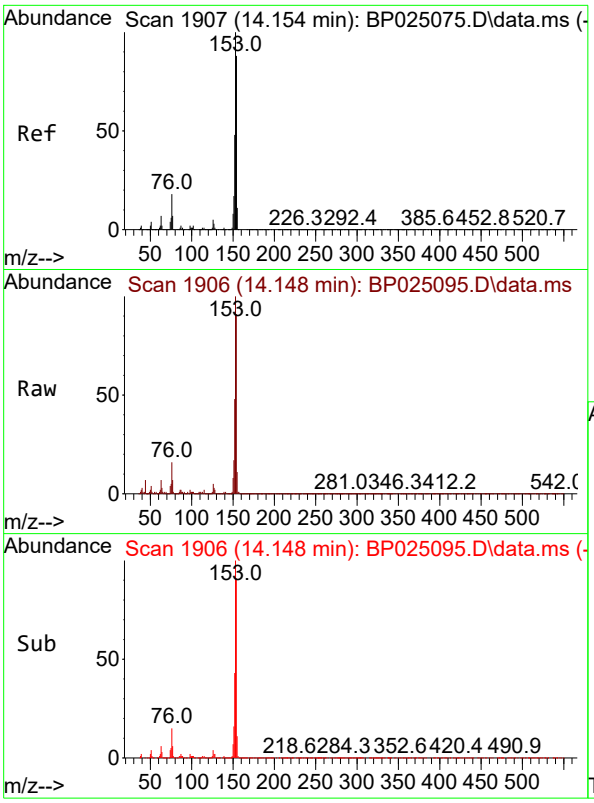


#45
2-Fluorobiphenyl
Concen: 12.355 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:172 Resp: 845029

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.1	18.7	28.1



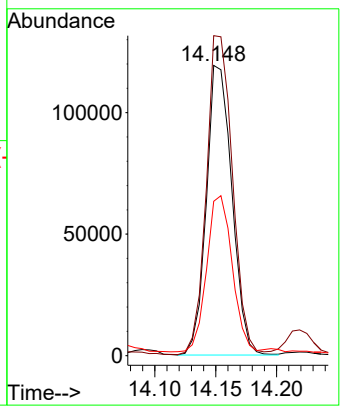


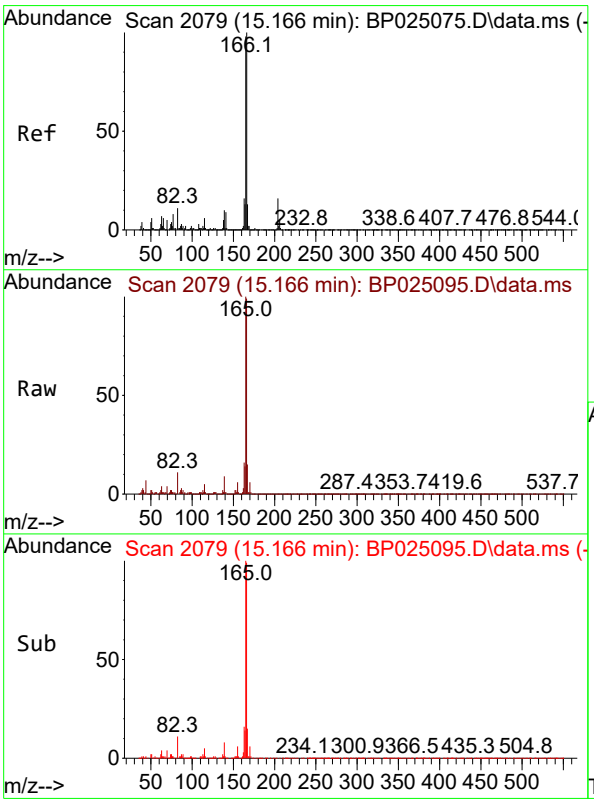
#52
Acenaphthene
Concen: 3.046 ng
RT: 14.148 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:154 Resp: 174082

Ion	Ratio	Lower	Upper
154	100		
153	110.3	90.6	136.0
152	53.2	43.8	65.8

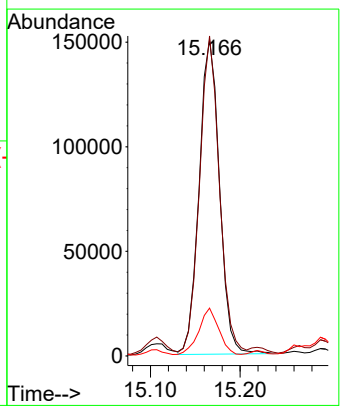


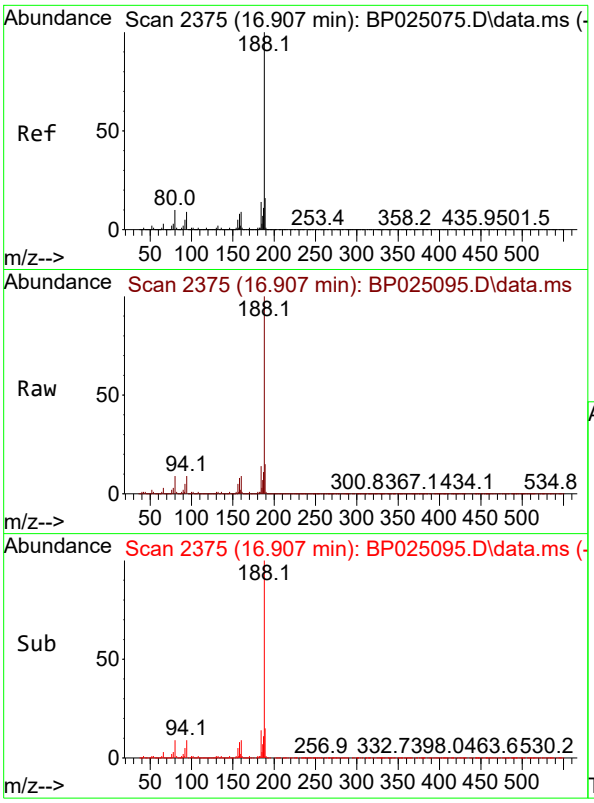


#58
Fluorene
Concen: 3.247 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:166 Resp: 236932

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.6	117.8
167	15.1	10.7	16.1



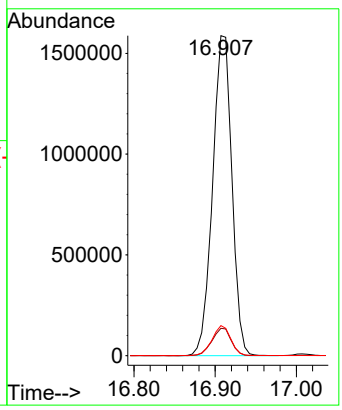


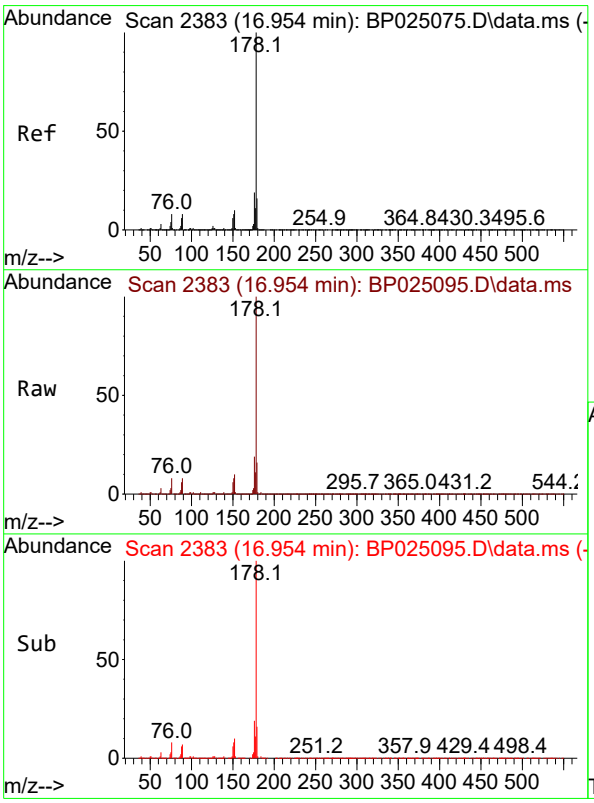
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:188 Resp: 2622856

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.4	7.8	11.6

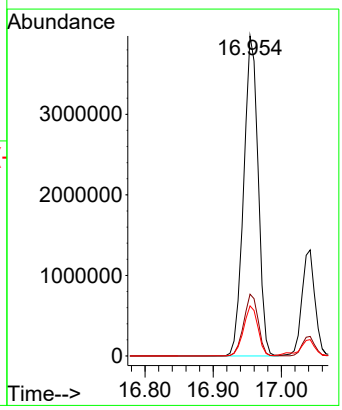


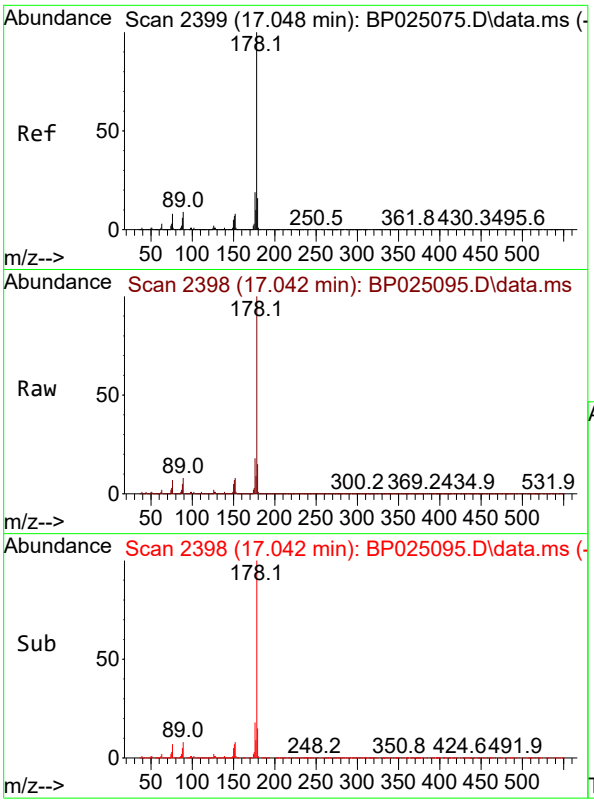


#71
Phenanthrene
Concen: 41.633 ng
RT: 16.954 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:178 Resp: 5834841

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	19.0



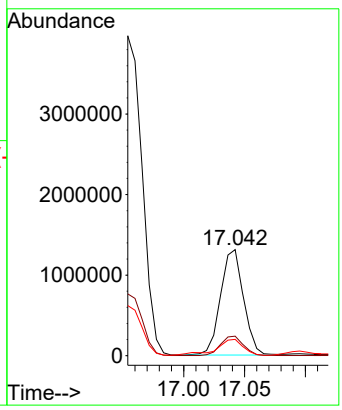


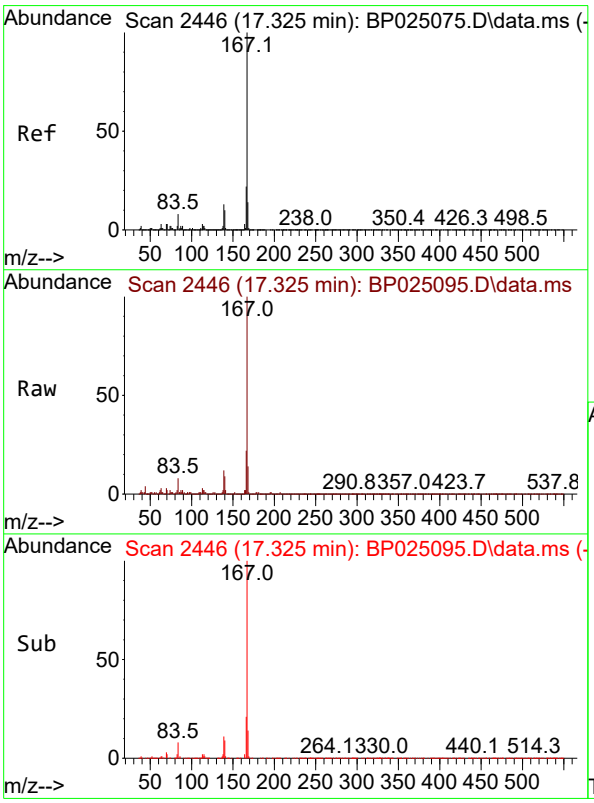
#72
Anthracene
Concen: 12.803 ng
RT: 17.042 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:178 Resp: 1721501

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.4	12.5	18.7

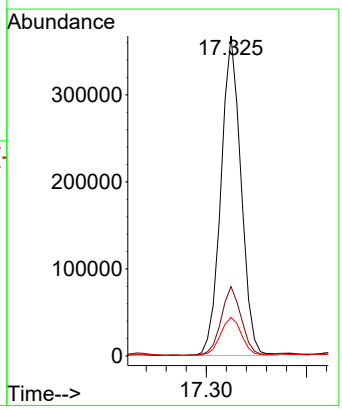


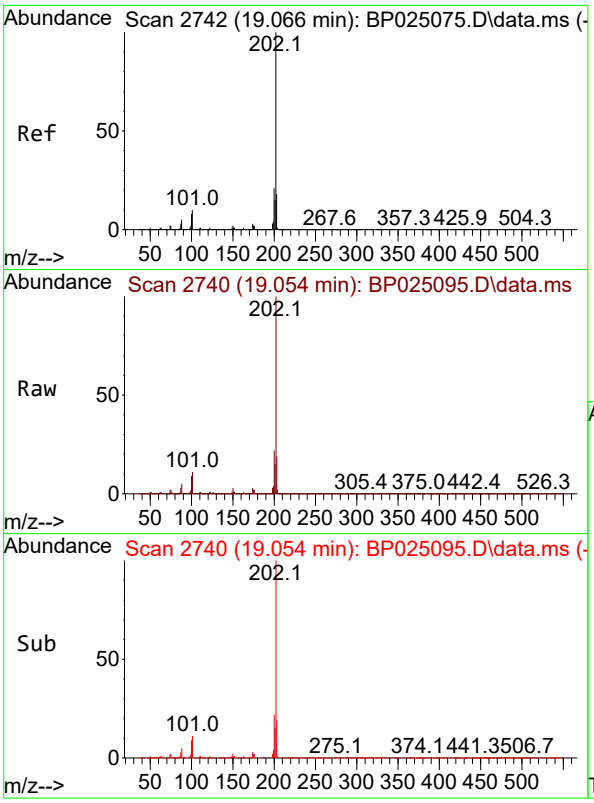


#73
Carbazole
Concen: 3.874 ng
RT: 17.325 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:167 Resp: 509304

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.1	10.4	15.6



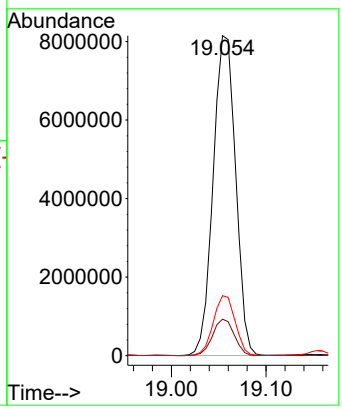


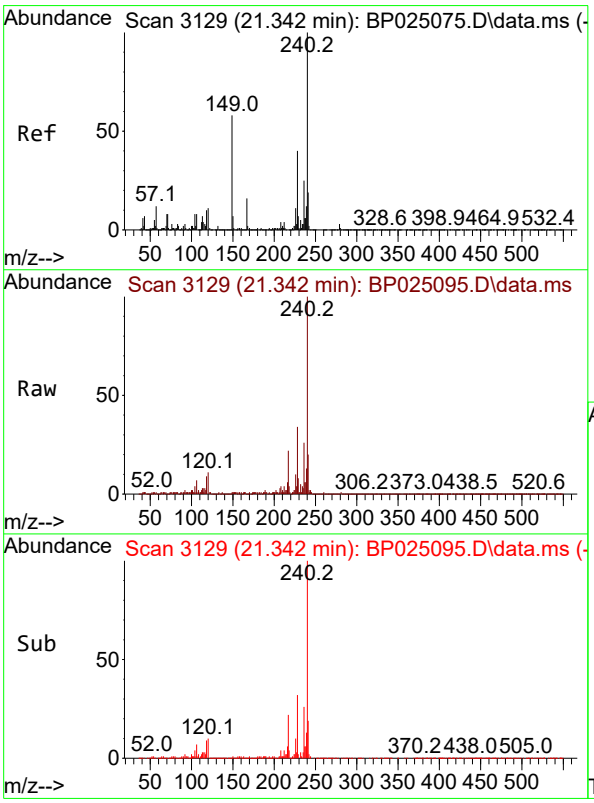
#75
Fluoranthene
Concen: 82.118 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:202 Resp:13452670

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	18.7	0.0	37.6

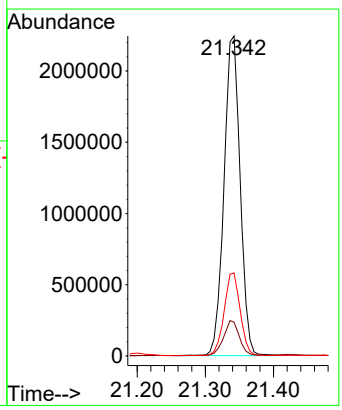


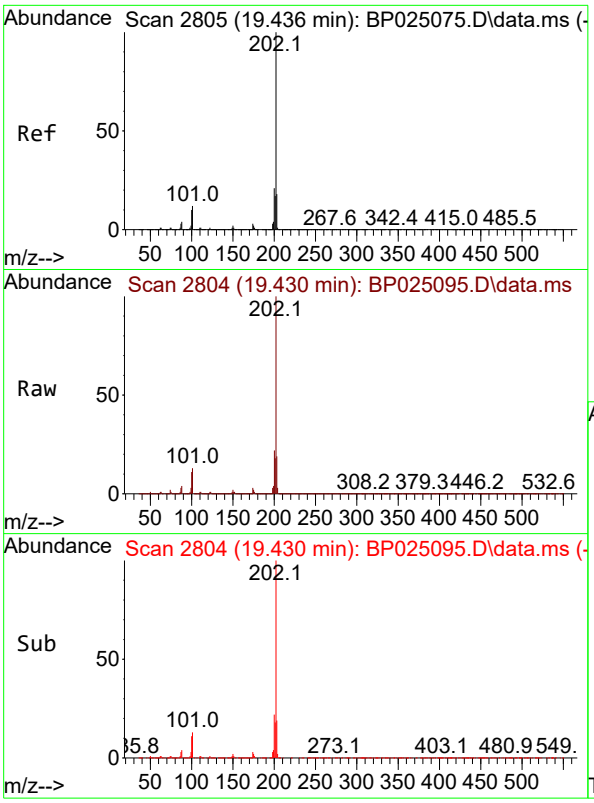


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:240 Resp: 3703134

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.4
236	26.0	20.3	30.5



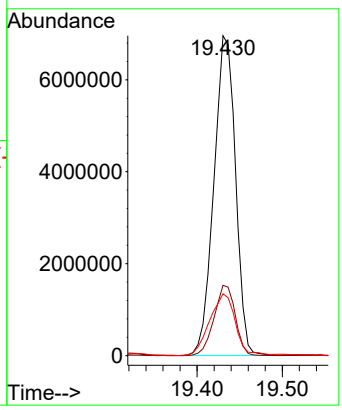


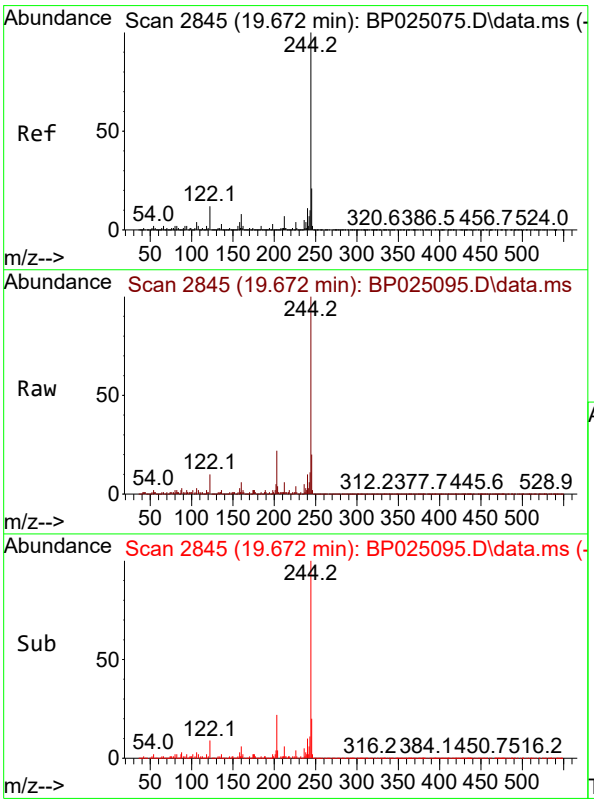
#78
Pyrene
Concen: 53.504 ng
RT: 19.430 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:202 Resp:12272040

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.1	25.7
203	19.3	14.1	21.1

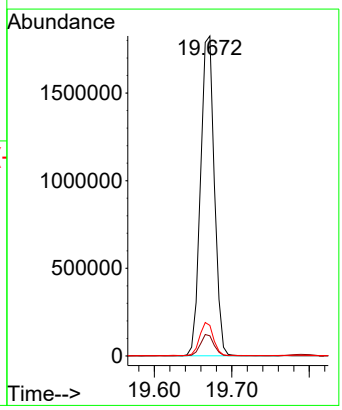


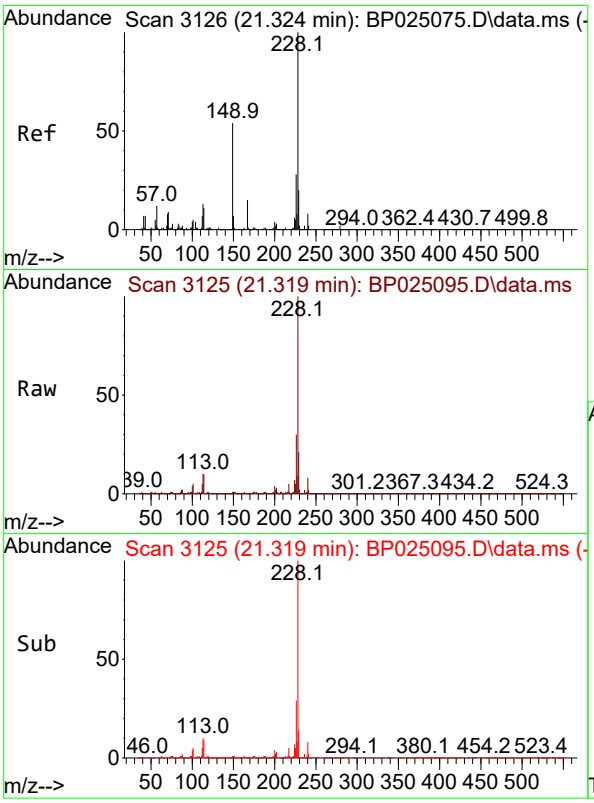


#79
Terphenyl-d14
Concen: 13.420 ng
RT: 19.672 min Scan# 2845
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:244 Resp: 2261108

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.9	8.9
122	9.5	9.4	14.2



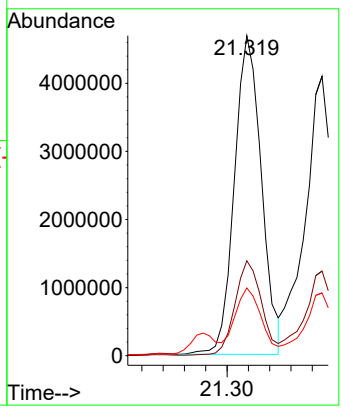


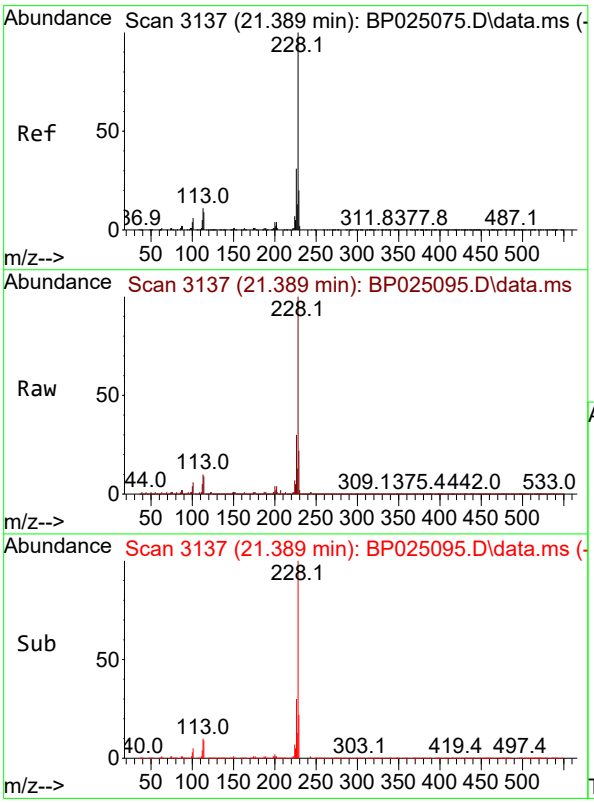
#81
Benzo(a)anthracene
Concen: 36.752 ng
RT: 21.319 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:228 Resp: 8247694

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	21.2	16.0	24.0

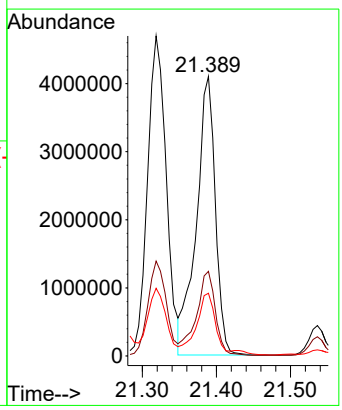


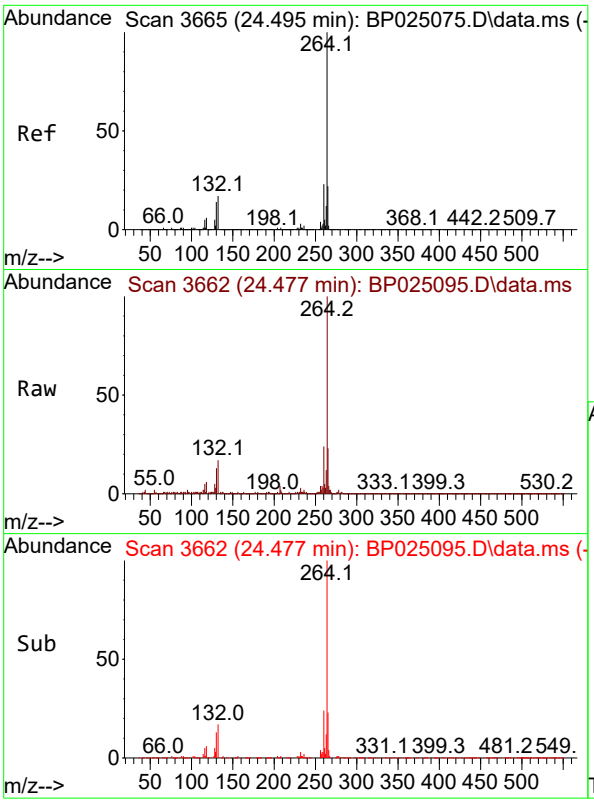


#83
Chrysene
Concen: 33.796 ng
RT: 21.389 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:228 Resp: 7298711

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	22.5	16.0	24.0



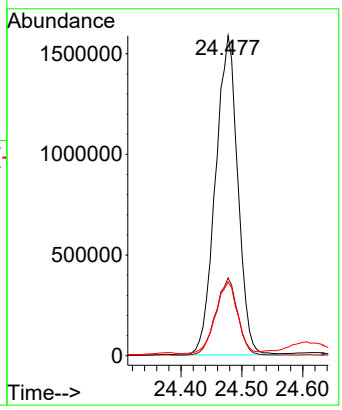


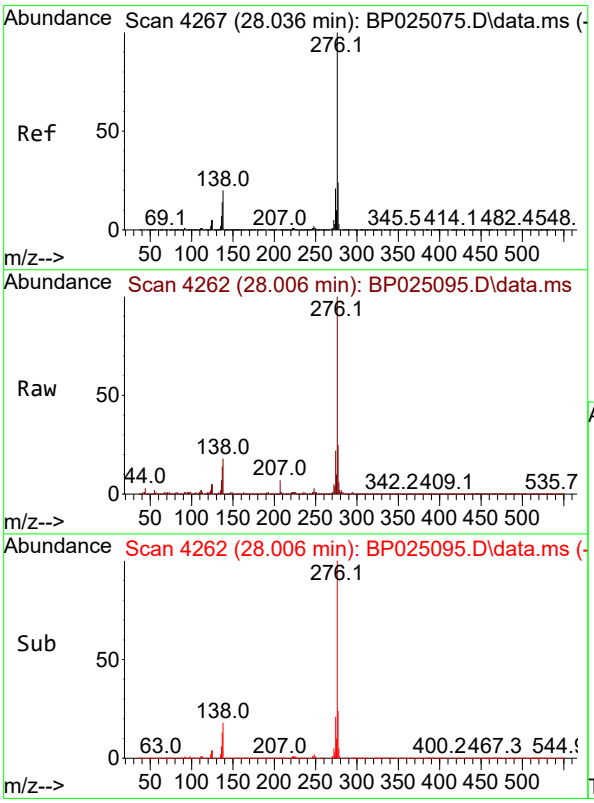
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:264 Resp: 4039718

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	23.1	17.7	26.5

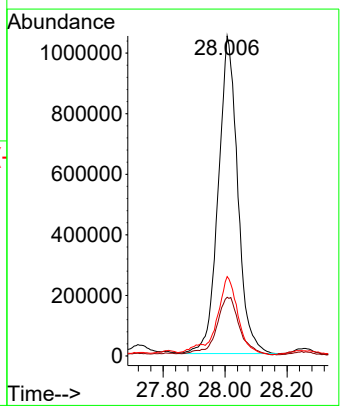


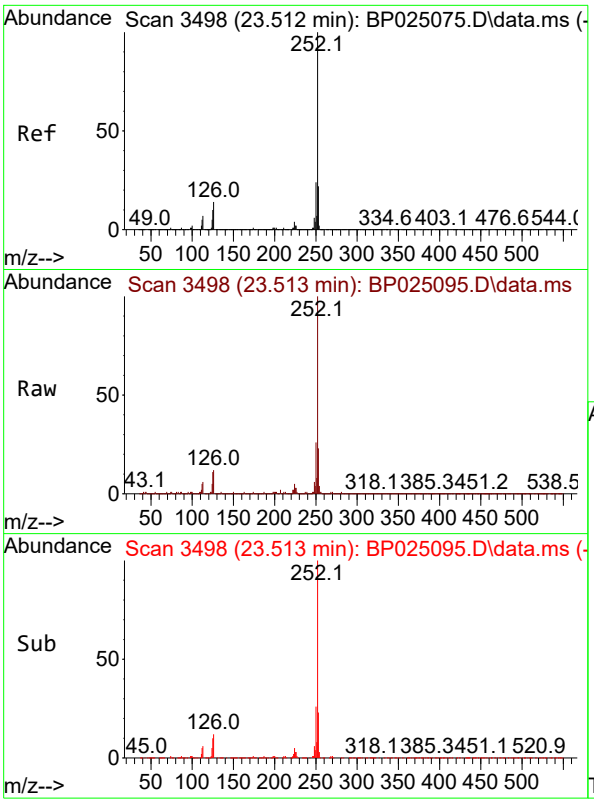


#87
Indeno(1,2,3-cd)pyrene
Concen: 17.739 ng
RT: 28.006 min Scan# 4262
Delta R.T. -0.029 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:276 Resp: 4565288

Ion	Ratio	Lower	Upper
276	100		
138	21.7	13.0	19.6#
277	24.7	15.9	23.9#



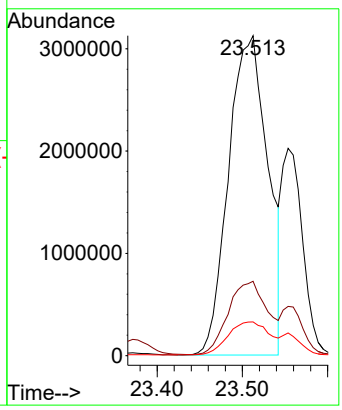


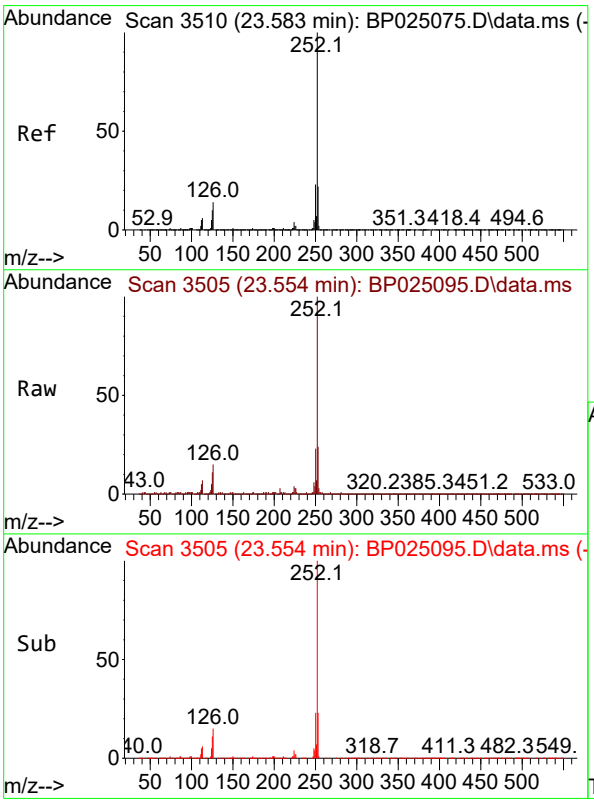
#88
Benzo(b)fluoranthene
Concen: 42.575 ng
RT: 23.513 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:252 Resp:10010862

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.6	8.1	12.1

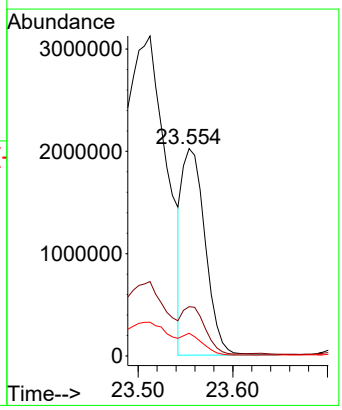


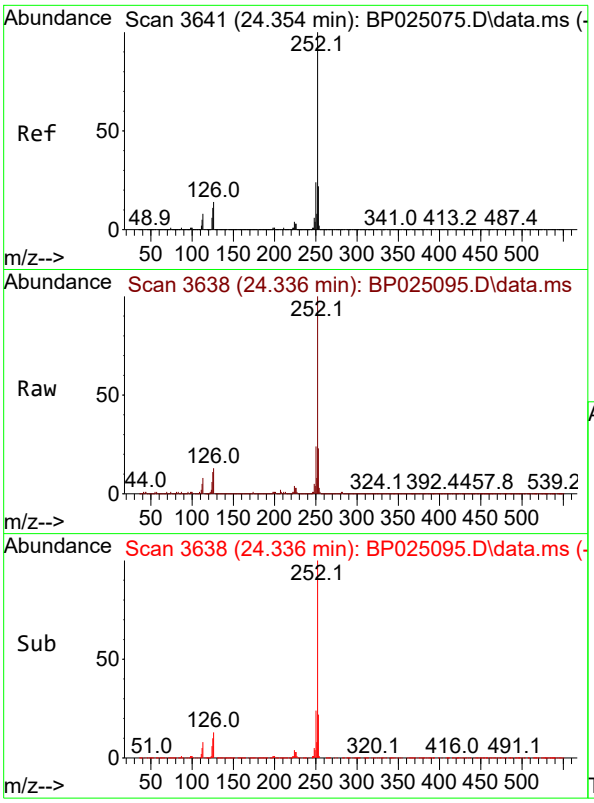


#89
Benzo(k)fluoranthene
Concen: 14.564 ng
RT: 23.554 min Scan# 3505
Delta R.T. -0.029 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:252 Resp: 3407306

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	11.0	8.2	12.2



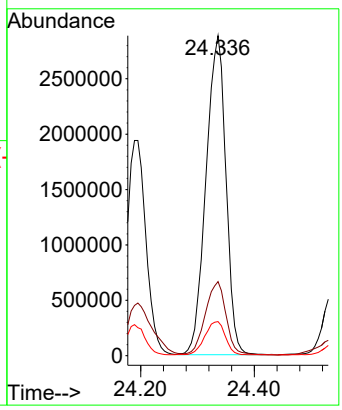


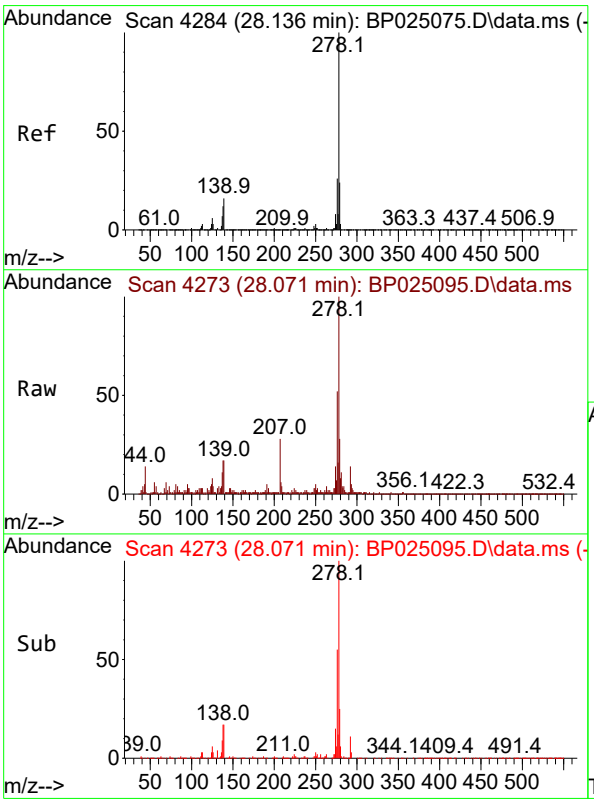
#90
Benzo(a)pyrene
Concen: 34.985 ng
RT: 24.336 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:252 Resp: 7001194

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	10.7	9.0	13.4

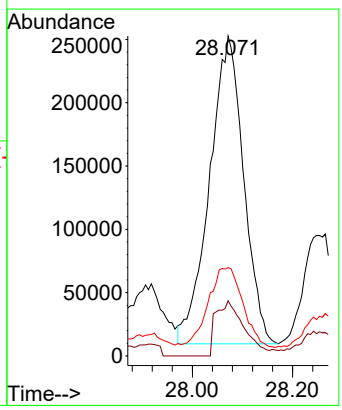


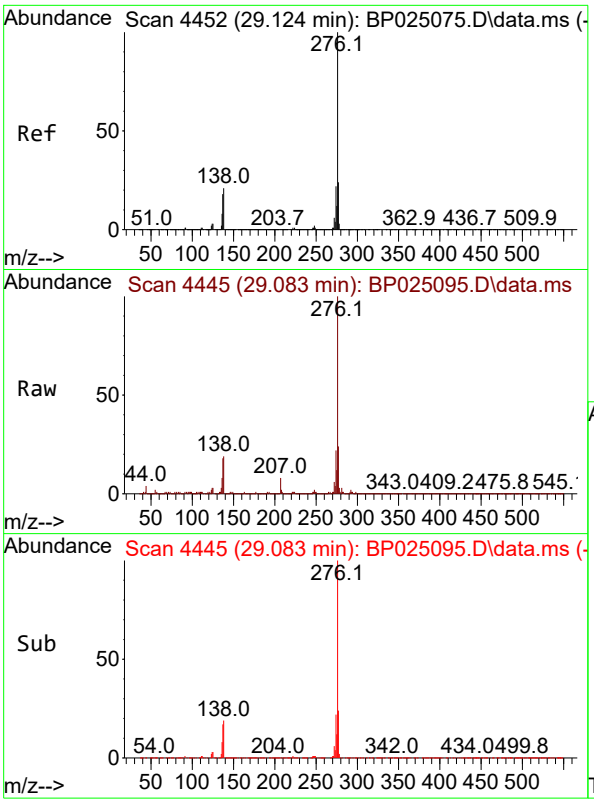


#91
Dibenzo(a,h)anthracene
Concen: 5.391 ng
RT: 28.071 min Scan# 4273
Delta R.T. -0.065 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Tgt Ion:278 Resp: 1146758

Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.1	19.7
279	27.6	18.9	28.3





#92
Benzo(g,h,i)perylene
Concen: 18.542 ng
RT: 29.083 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP025095.D
Acq: 10 Jul 2025 23:13

Instrument :
BNA_P
ClientSampleId :
G2(0-6)DL

Tgt Ion:276 Resp: 4074725

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	19.5	16.9	25.3