Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025463.D
Acq On : 18 Aug 2025 16:13
Operator : CG/JU
Sample : Q2883-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Quant Time: Aug 18 17:30:05 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	7.790	152	171559	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	682396	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	430412	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	851042	20.000	ng		0.00
76) Chrysene-d12	21.636	240	858717	20.000	ng		-0.01
86) Perylene-d12	24.995	264	1024696	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	154726	14.978	ng		0.00
7) Phenol-d6	6.967	99	199236	15.043	ng		0.00
23) Nitrobenzene-d5	8.925	82	123498	9.155	ng		-0.01
42) 2,4,6-Tribromophenol	15.913	330	84432	14.574	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	306982	9.748	ng		0.00
79) Terphenyl-d14	19.907	244	470843	10.032	ng		-0.01
Target Compounds							Qvalue
49) Acenaphthylene	14.125	152	151884	3.772	ng		99
71) Phenanthrene	17.242	178	576620	12.334	ng		100
72) Anthracene	17.331	178	173355	3.631	ng		98
75) Fluoranthene	19.319	202	1173219	21.039	ng		99
78) Pyrene	19.695	202	1210570	21.689	ng		99
81) Benzo(a)anthracene	21.683	228	657911	11.617	ng		96
83) Chrysene	21.683	228	657911	12.405	ng		98
87) Indeno(1,2,3-cd)pyrene	28.830	276	432704	5.758	ng	#	89
88) Benzo(b)fluoranthene	23.942	252	813402	13.462	ng	#	96
89) Benzo(k)fluoranthene	23.942	252	813402	13.453	ng	#	95
90) Benzo(a)pyrene	24.842	252	574548	9.768	ng		97
92) Benzo(g,h,i)perylene	30.018	276	421005	6.974	ng		99

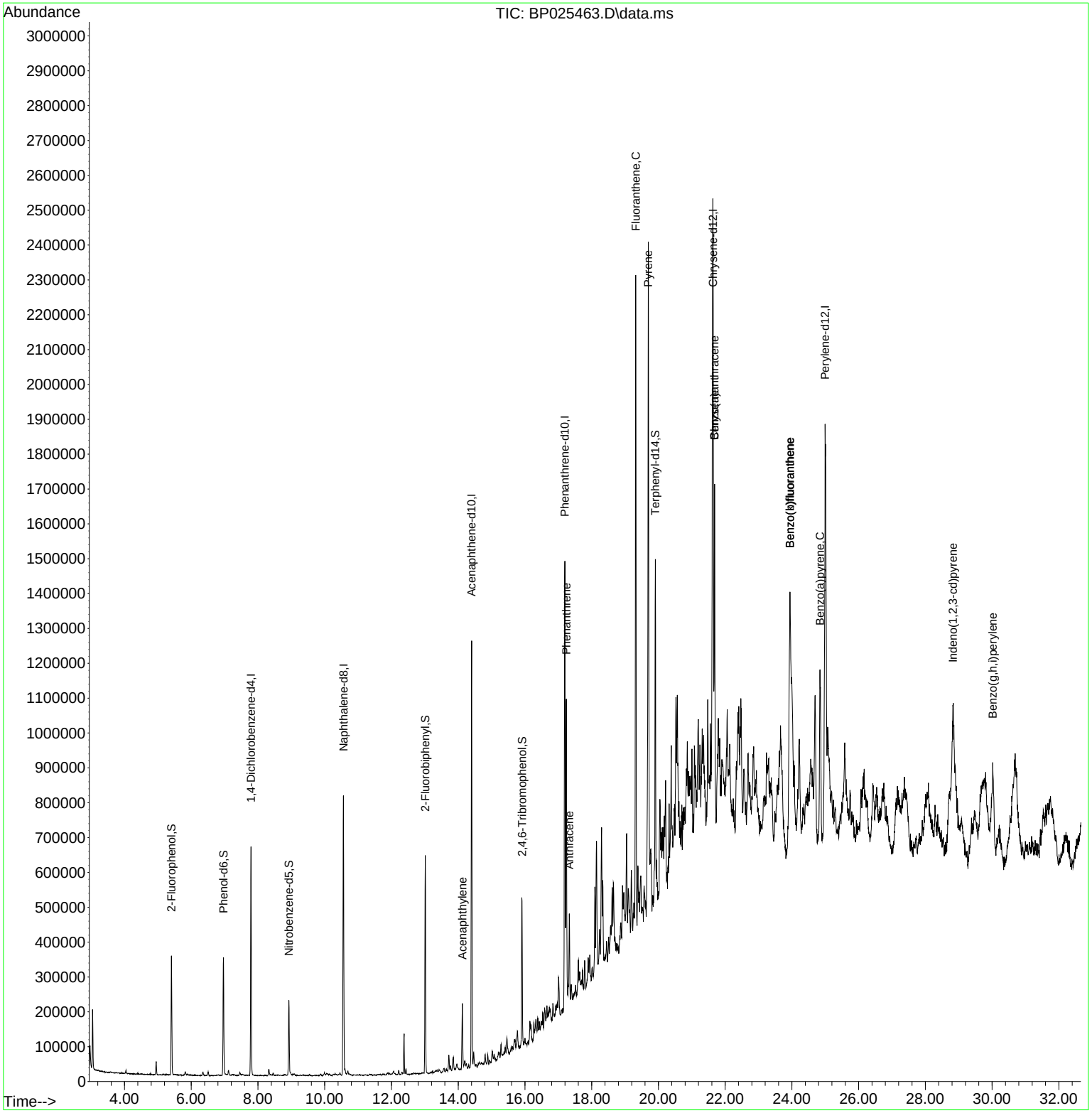
(#) = qualifier out of range (m) = manual integration (+) = signals summed

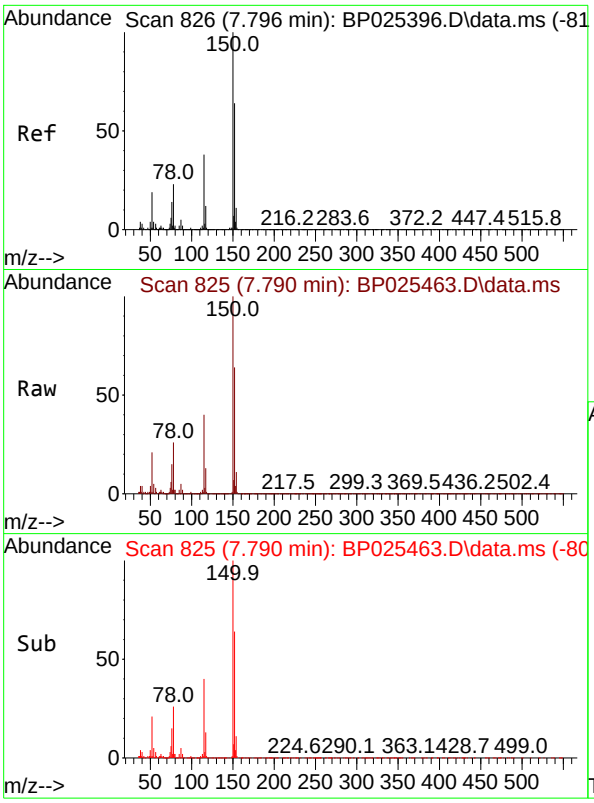
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025463.D
Acq On : 18 Aug 2025 16:13
Operator : CG/JU
Sample : Q2883-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Quant Time: Aug 18 17:30:05 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



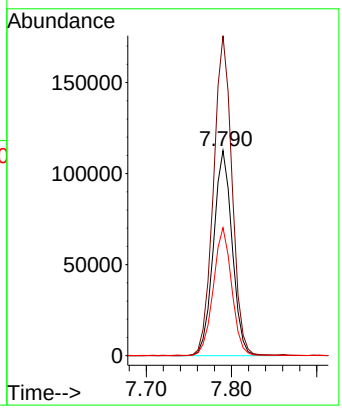


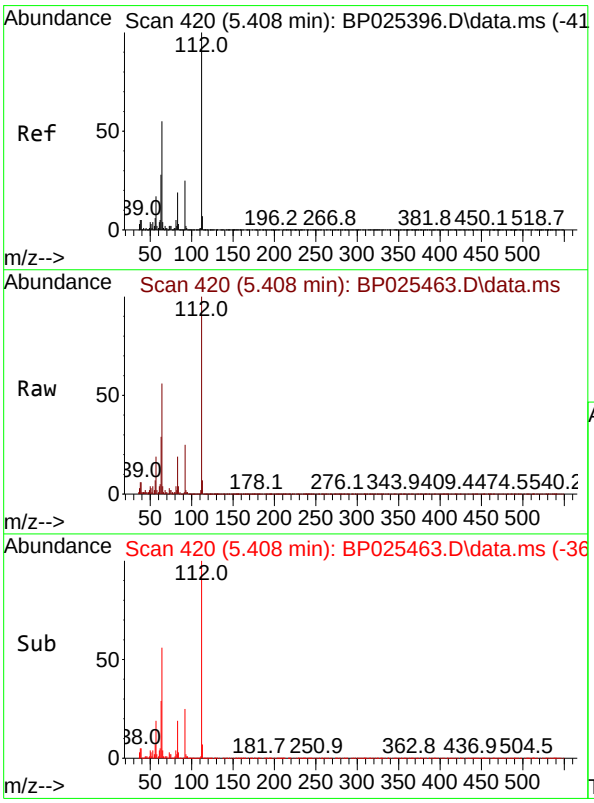
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion:152 Resp: 171559

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.9	188.9
115	62.4	48.5	72.7

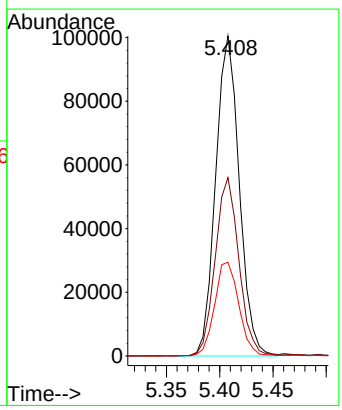


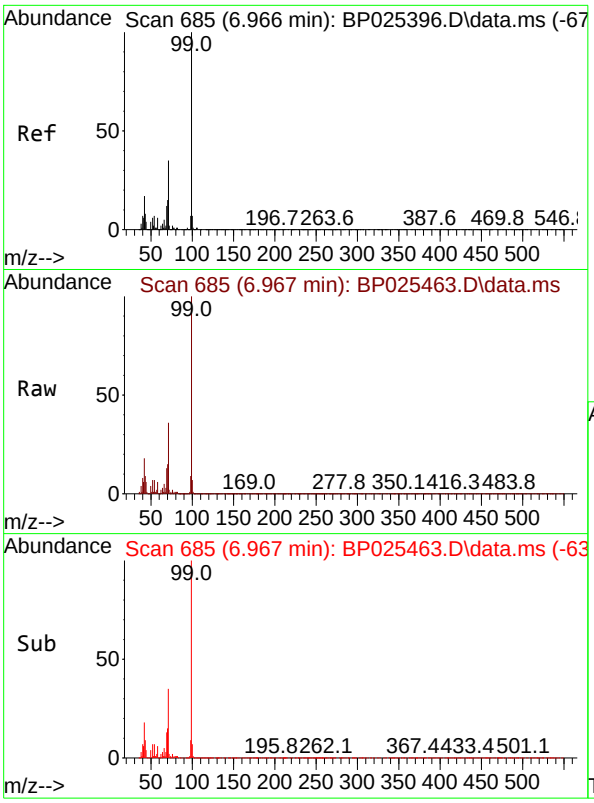


#5
2-Fluorophenol
Concen: 14.978 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:112 Resp: 154726

Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.8	65.8
63	29.3	22.7	34.1



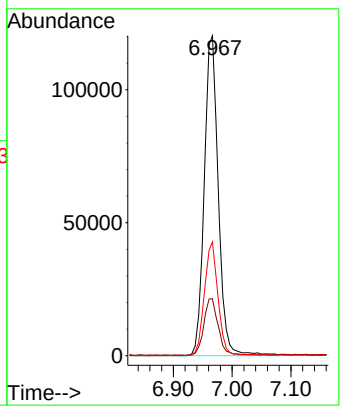


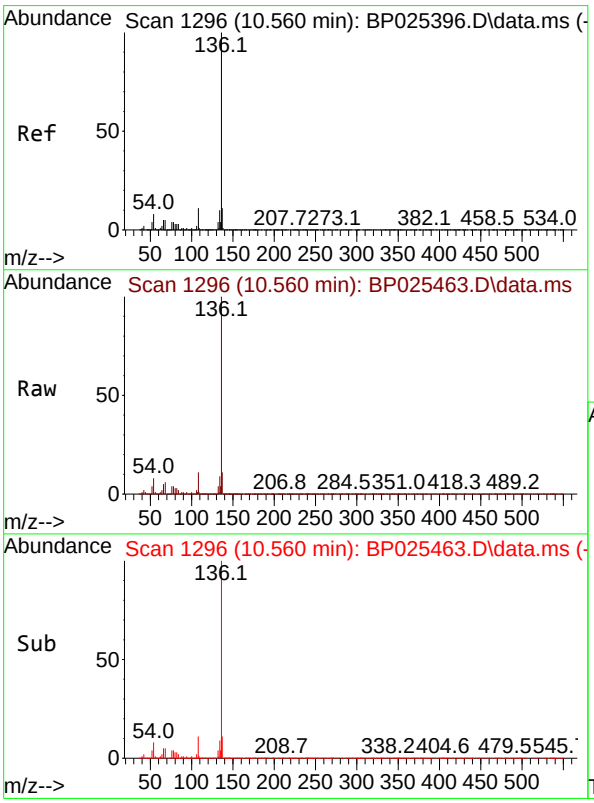
#7
Phenol-d6
Concen: 15.043 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion: 99 Resp: 199236

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	35.6	28.2	42.4

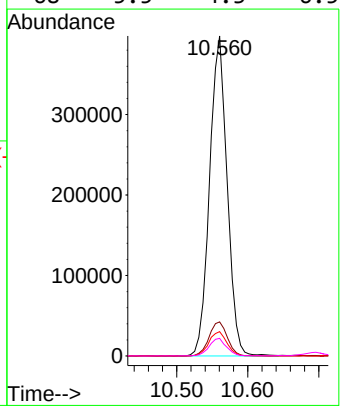


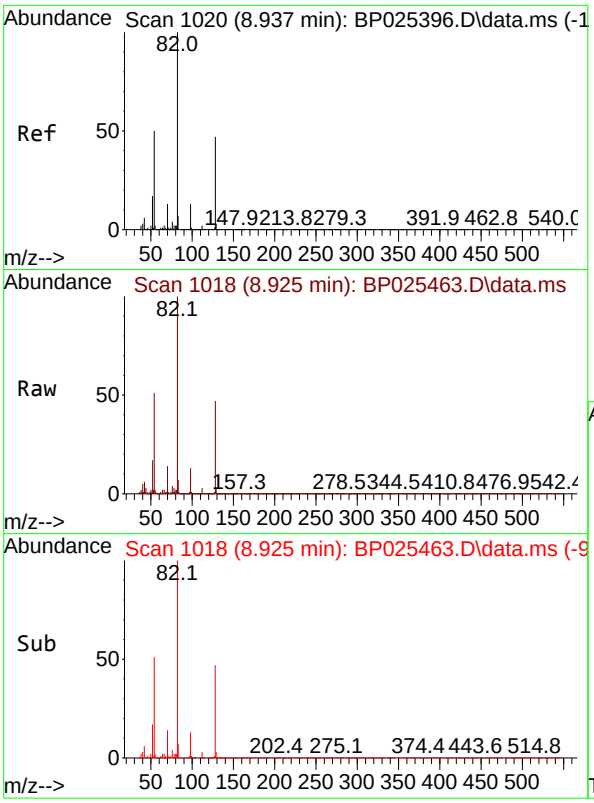


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:136 Resp: 682396

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.6	6.0	9.0
68	5.5	4.3	6.5



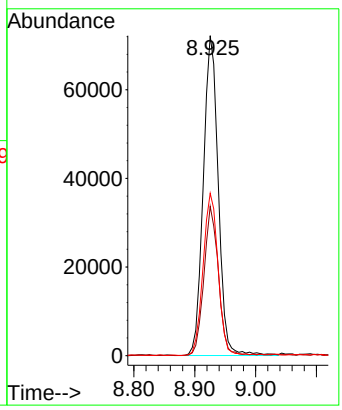


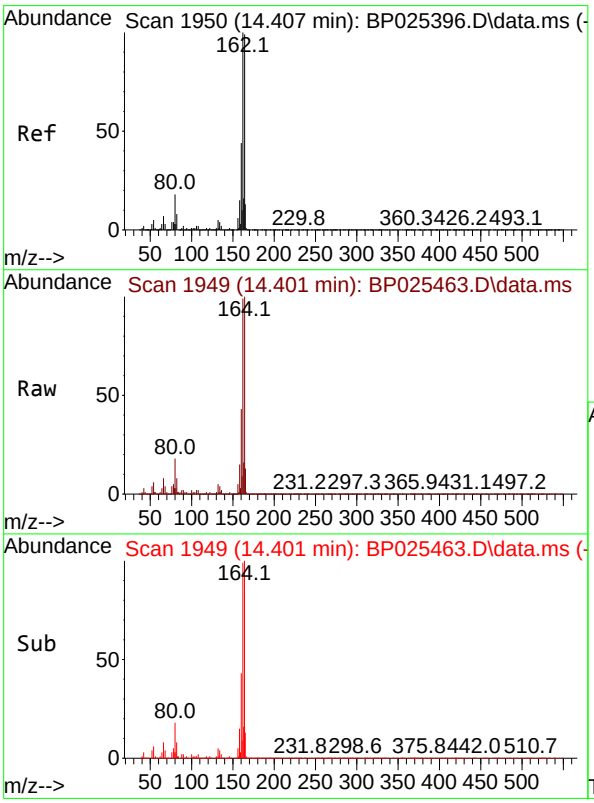
#23
Nitrobenzene-d5
Concen: 9.155 ng
RT: 8.925 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion: 82 Resp: 123498

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.7	56.5
54	50.7	39.8	59.6

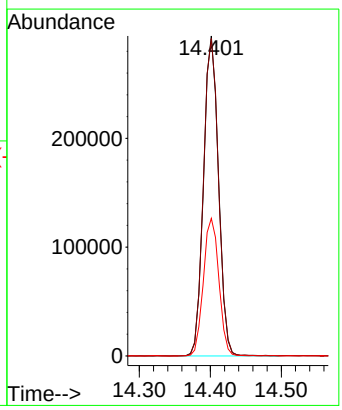


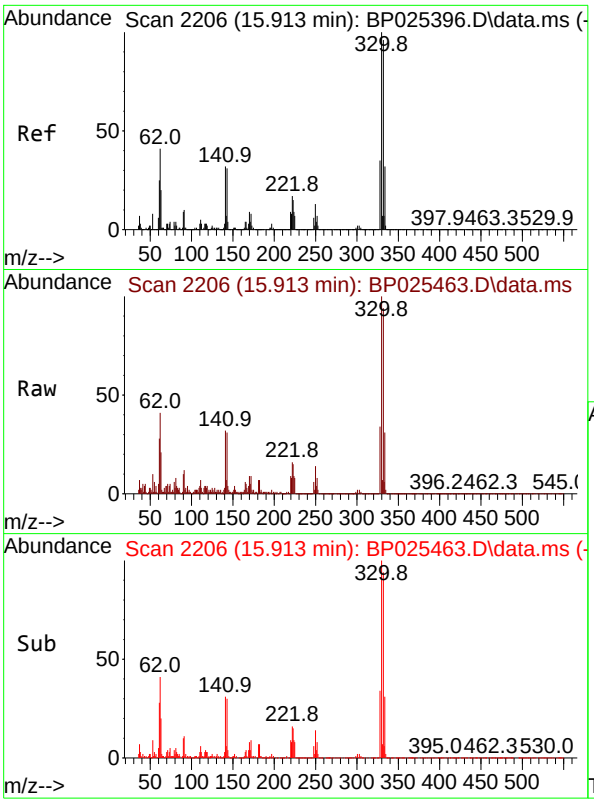


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:164 Resp: 430412

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.0	121.6
160	43.0	35.4	53.2



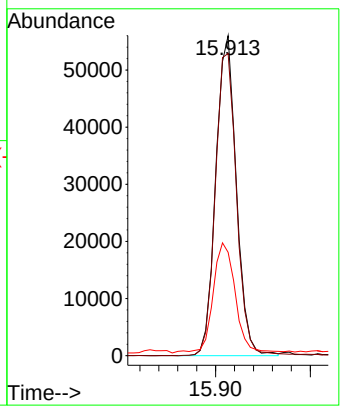


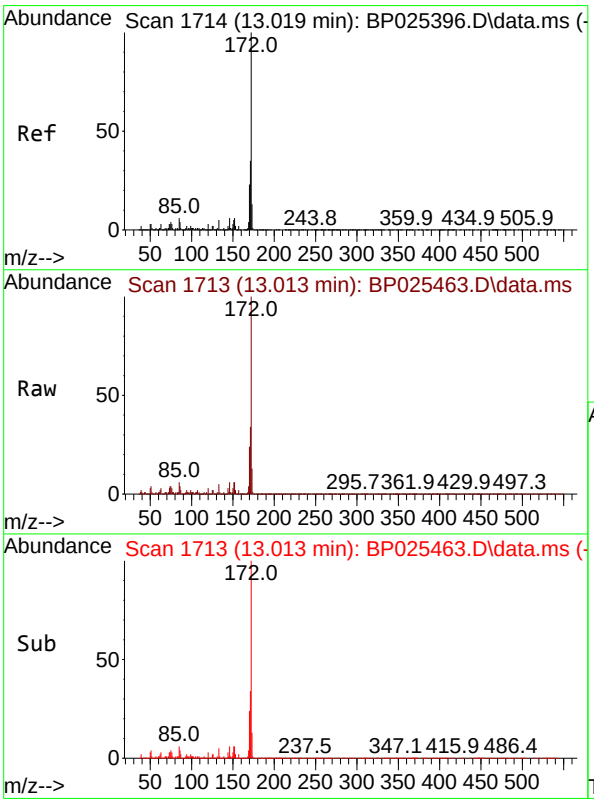
#42
2,4,6-Tribromophenol
Concen: 14.574 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion:330 Resp: 84432

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	37.2	26.6	39.8

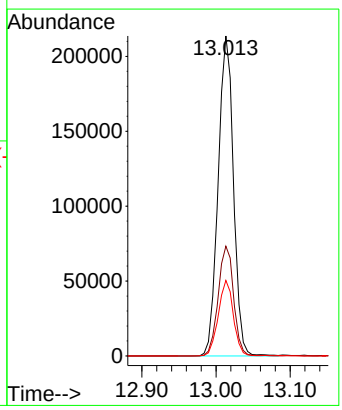


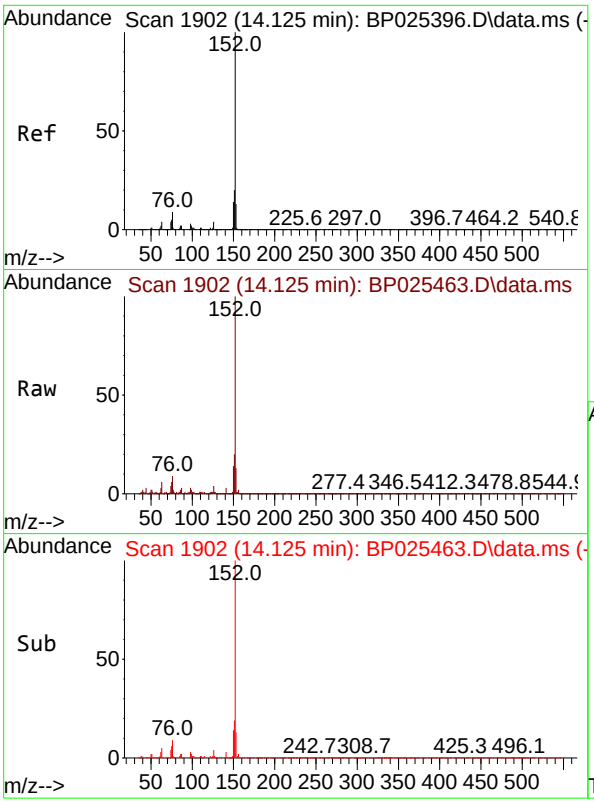


#45
2-Fluorobiphenyl
Concen: 9.748 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:172 Resp: 306982

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.1	42.1
170	23.6	18.6	28.0



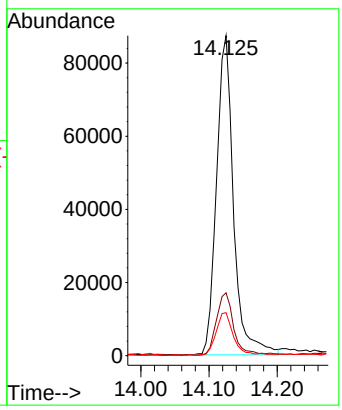


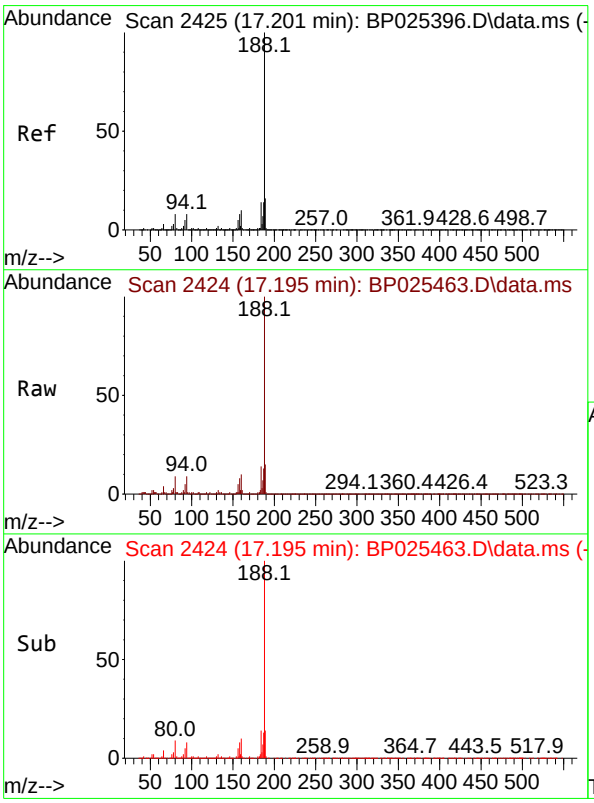
#49
Acenaphthylene
Concen: 3.772 ng
RT: 14.125 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion:152 Resp: 151884

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.4	10.6	15.8

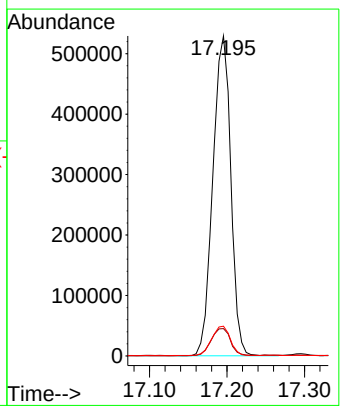


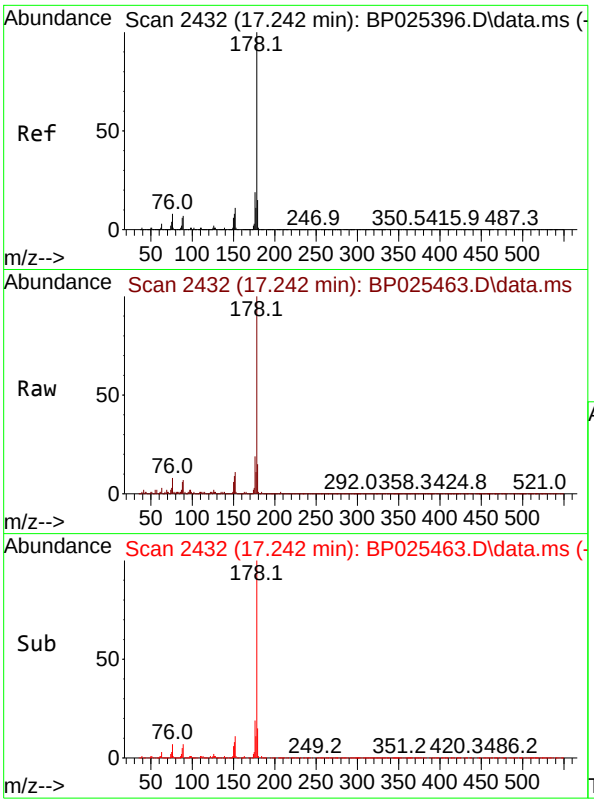


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:188 Resp: 851042

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.3	6.7	10.1



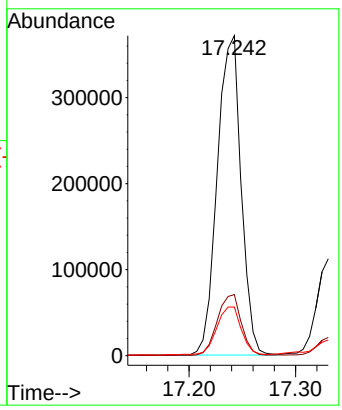


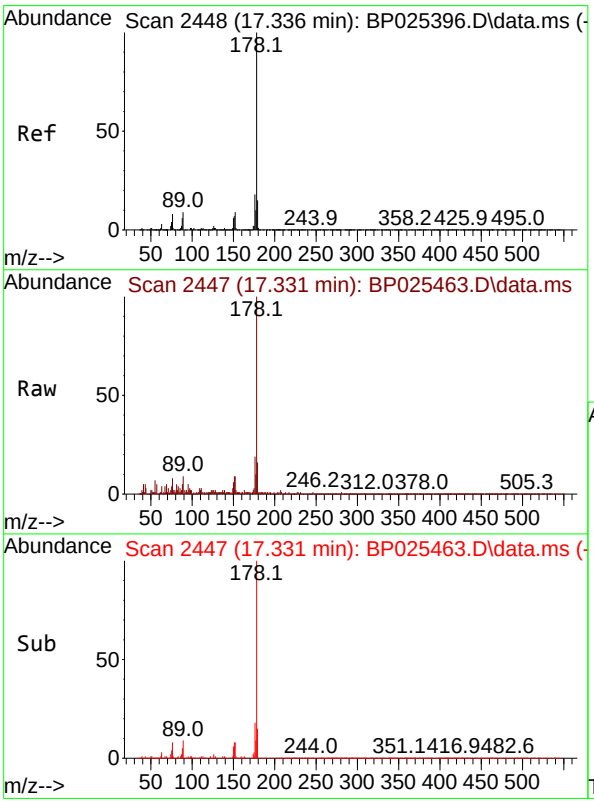
#71
Phenanthrene
Concen: 12.334 ng
RT: 17.242 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion:178 Resp: 576620

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.2	12.2	18.4

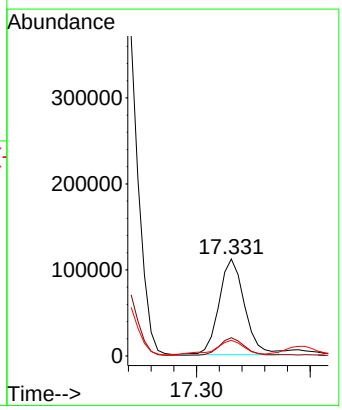


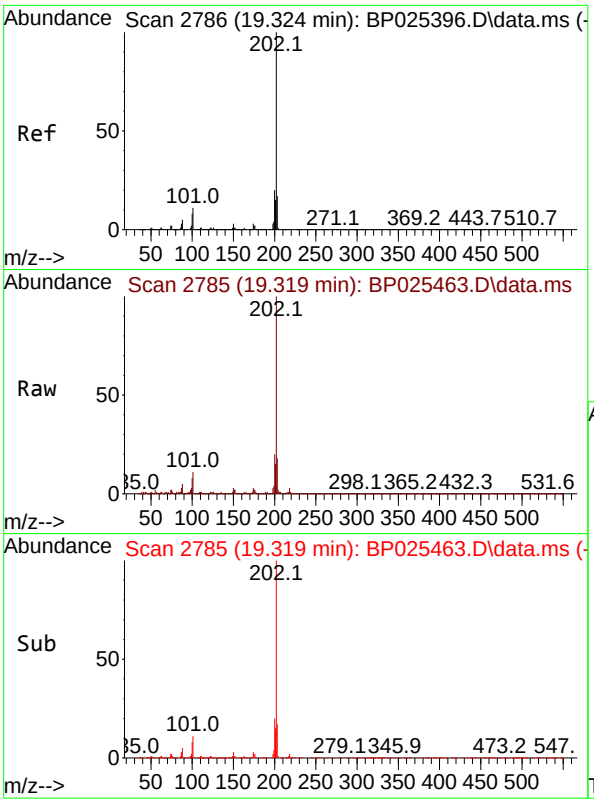


#72
Anthracene
Concen: 3.631 ng
RT: 17.331 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:178 Resp: 173355

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	16.2	12.2	18.2



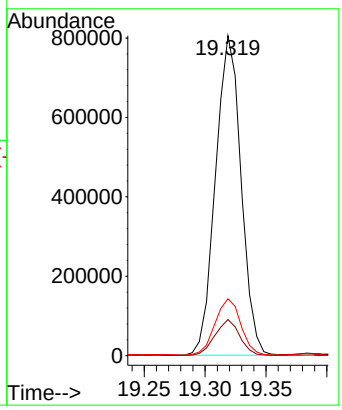


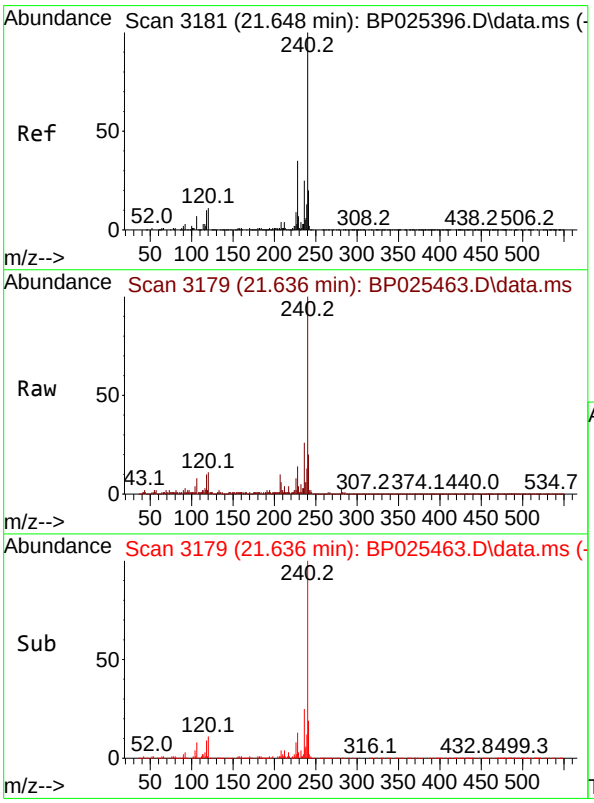
#75
Fluoranthene
Concen: 21.039 ng
RT: 19.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion:202 Resp: 1173219

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	17.8	0.0	37.3

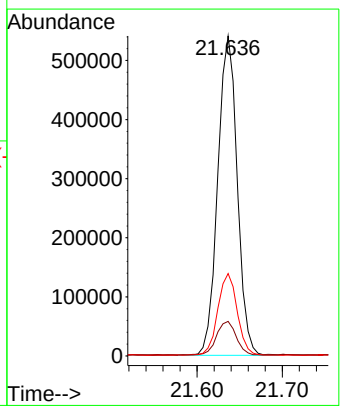


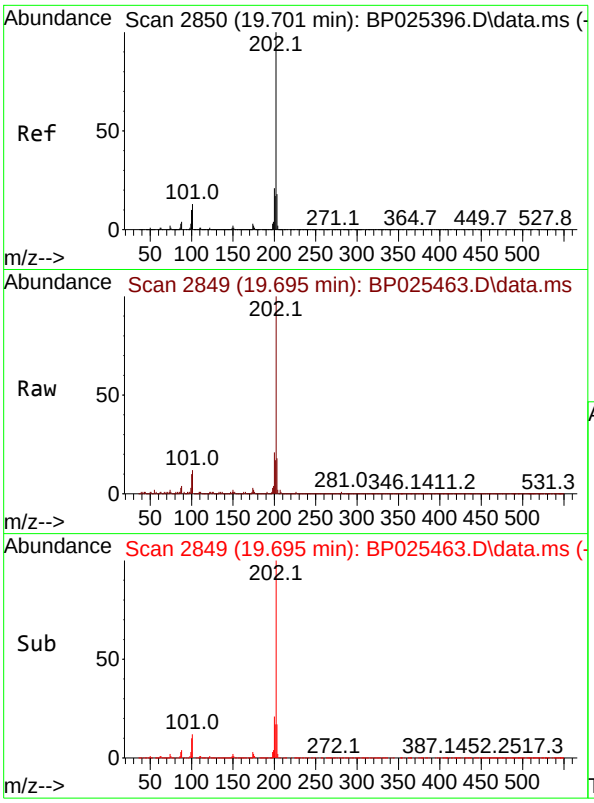


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:240 Resp: 858717

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	25.8	19.8	29.8



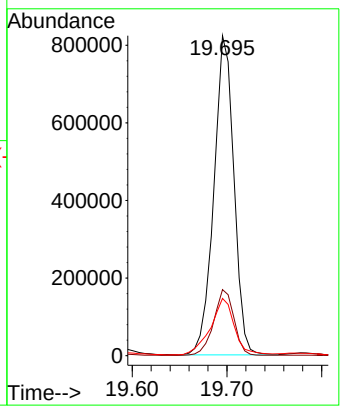


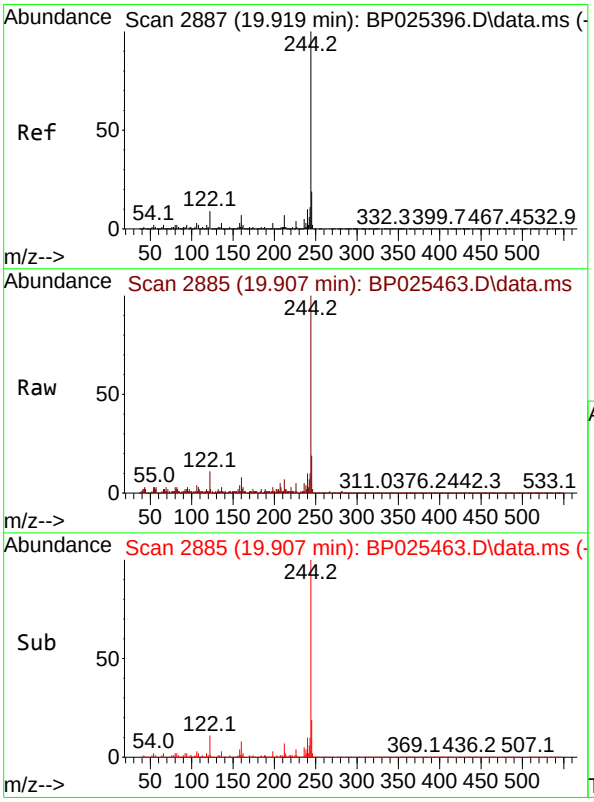
#78
Pyrene
Concen: 21.689 ng
RT: 19.695 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion:202 Resp: 1210570

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.9	14.2	21.2

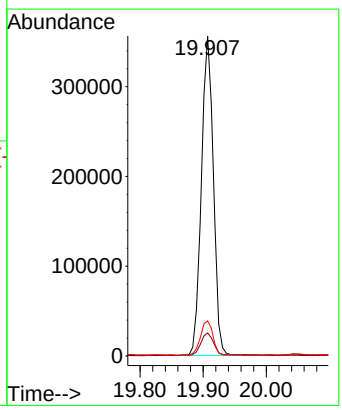


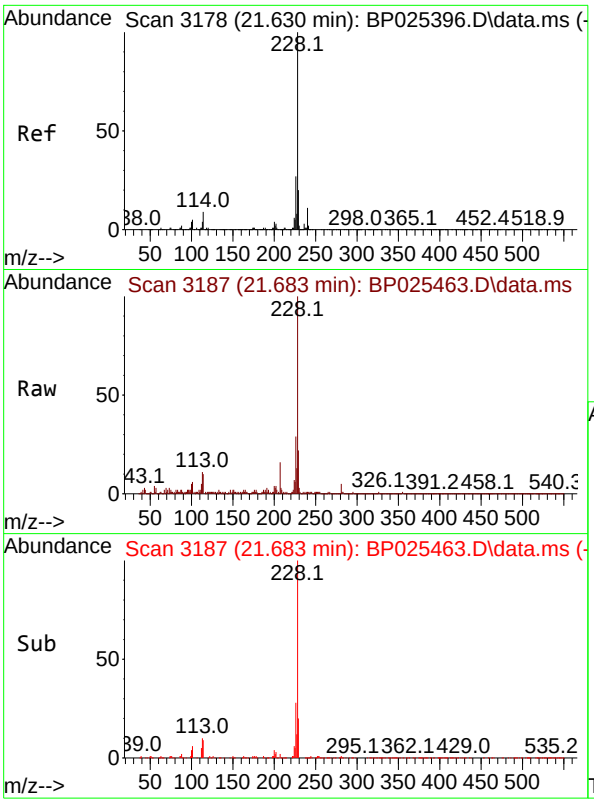


#79
Terphenyl-d14
Concen: 10.032 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.012 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:244 Resp: 470843

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.0	7.4	11.2



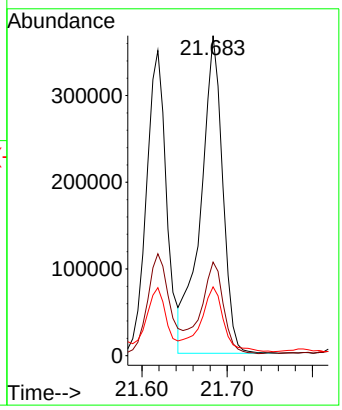


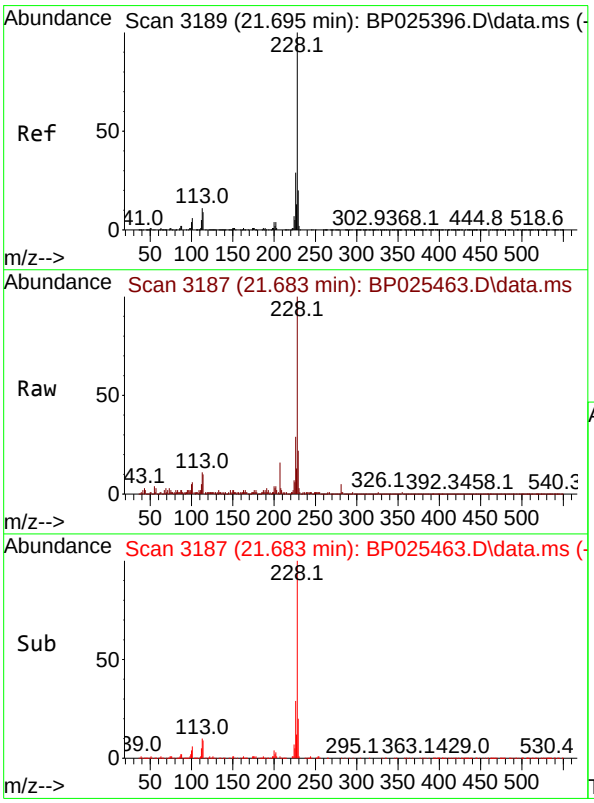
#81
Benzo(a)anthracene
Concen: 11.617 ng
RT: 21.683 min Scan# 3
Delta R.T. 0.053 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion:228 Resp: 657911

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.7	32.5
229	21.5	15.6	23.4

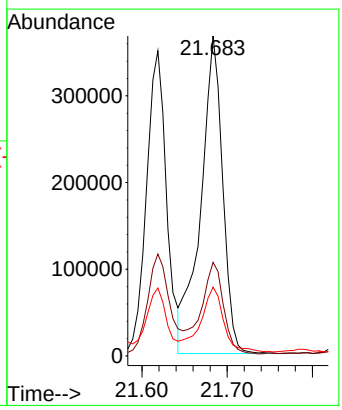


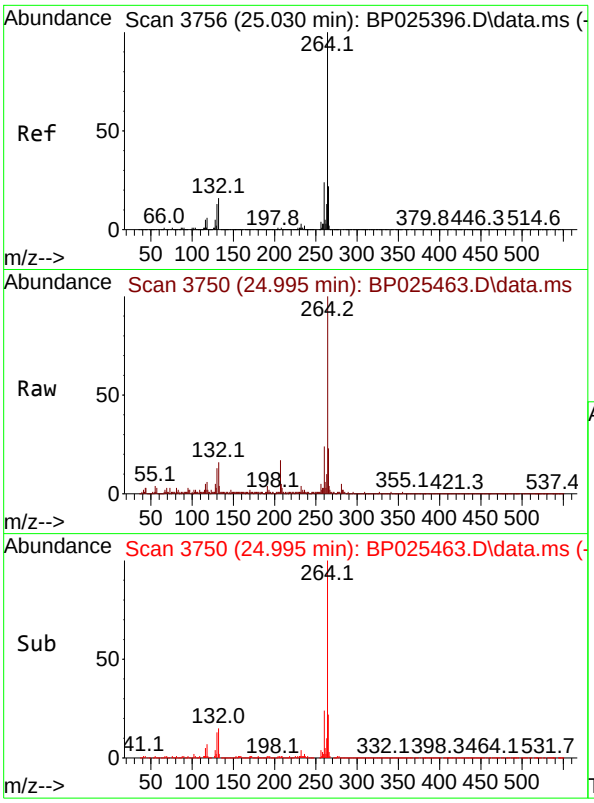


#83
Chrysene
Concen: 12.405 ng
RT: 21.683 min Scan# 3187
Delta R.T. -0.012 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:228 Resp: 657911

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.2	34.8
229	21.5	15.6	23.4



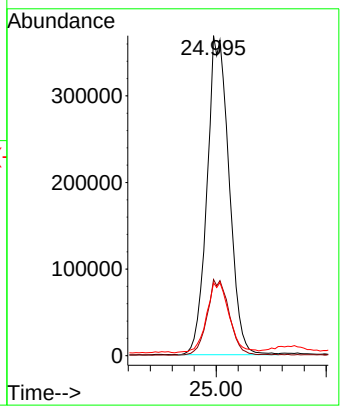


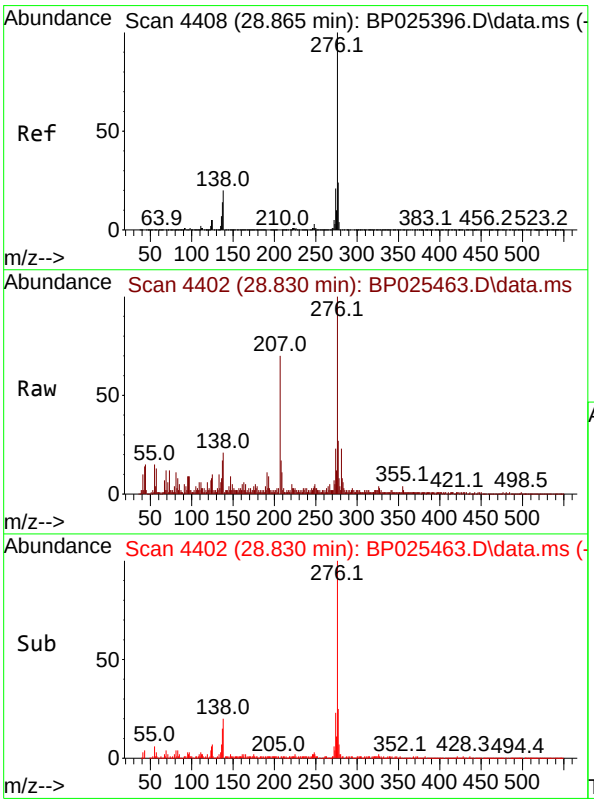
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion:264 Resp: 1024696

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.7	17.4	26.0

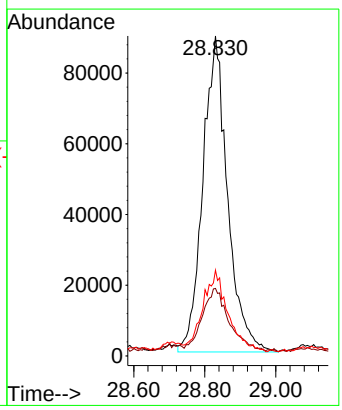


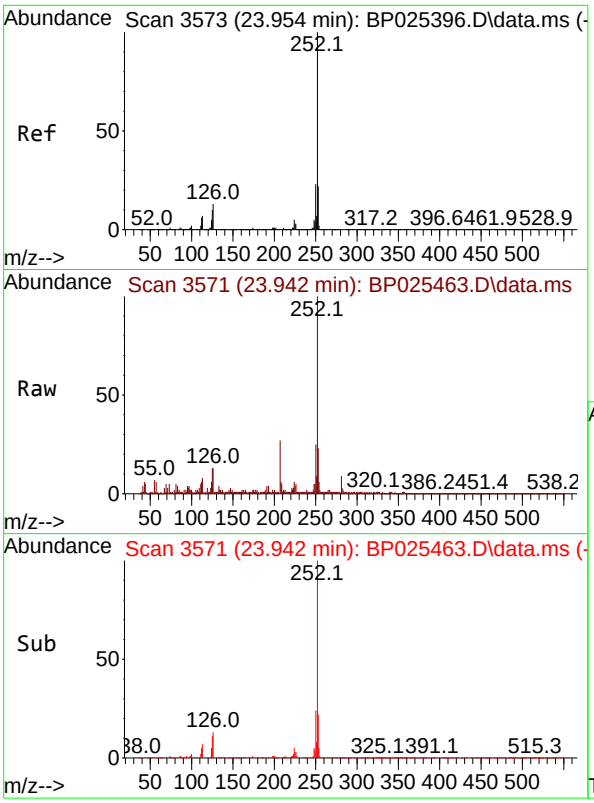


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.758 ng
RT: 28.830 min Scan# 4402
Delta R.T. -0.035 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:276 Resp: 432704

Ion	Ratio	Lower	Upper
276	100		
138	21.5	12.9	19.3#
277	26.1	17.0	25.6#



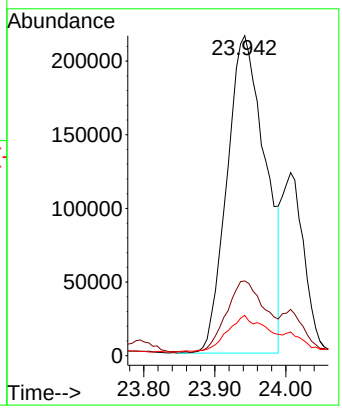


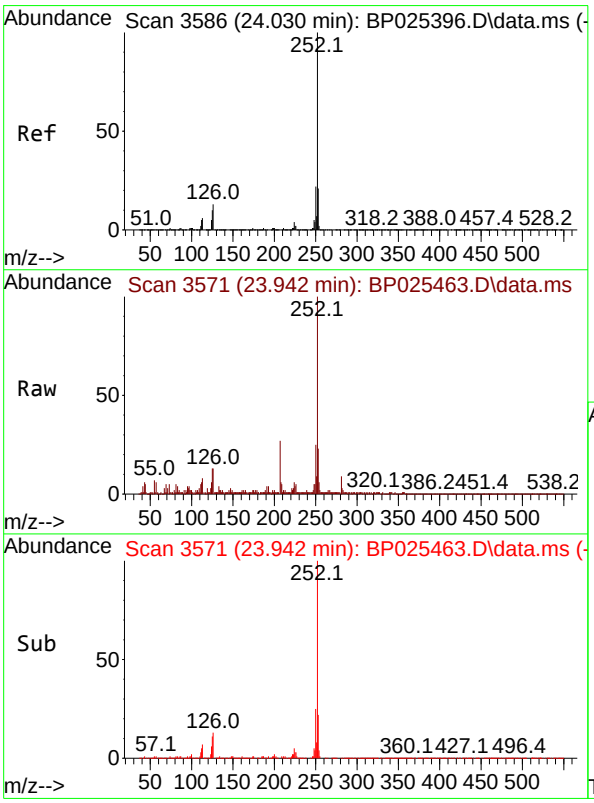
#88
Benzo(b)fluoranthene
Concen: 13.462 ng
RT: 23.942 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion:252 Resp: 813402

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	12.6	7.9	11.9#

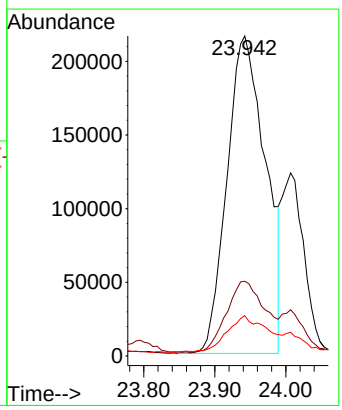


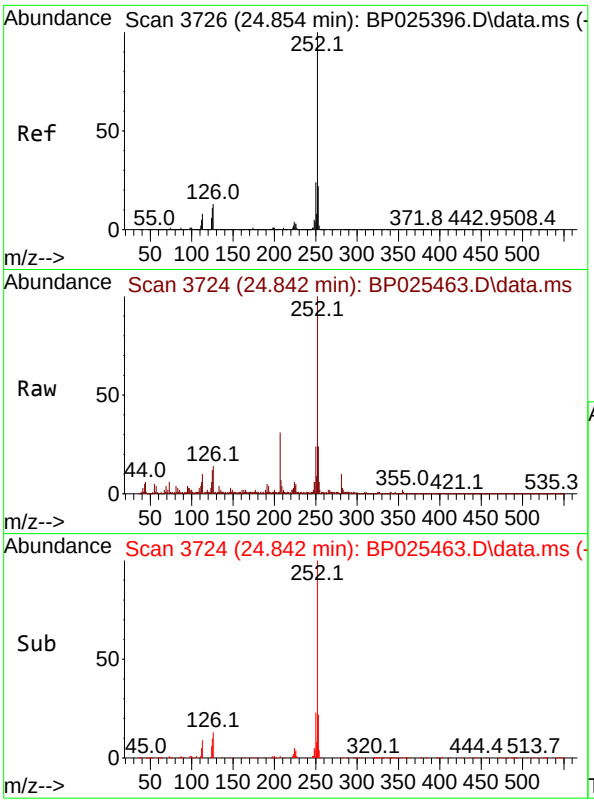


#89
Benzo(k)fluoranthene
Concen: 13.453 ng
RT: 23.942 min Scan# 3571
Delta R.T. -0.088 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:252 Resp: 813402

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	12.6	7.8	11.6#



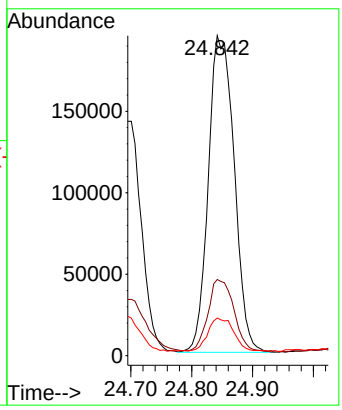


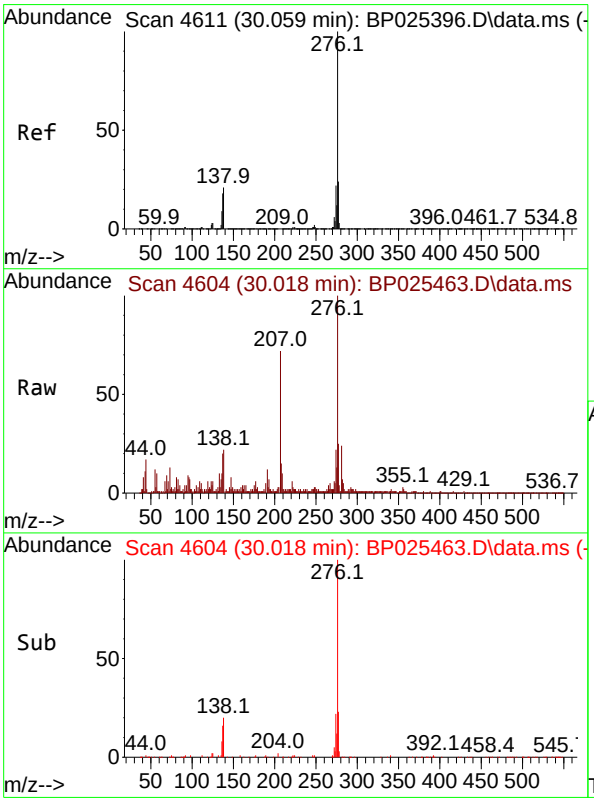
#90
Benzo(a)pyrene
Concen: 9.768 ng
RT: 24.842 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Instrument :
BNA_P
ClientSampleId :
RBR2520553

Tgt Ion:252 Resp: 574548

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	11.7	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 6.974 ng
RT: 30.018 min Scan# 4604
Delta R.T. -0.041 min
Lab File: BP025463.D
Acq: 18 Aug 2025 16:13

Tgt Ion:276 Resp: 421005

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.0
138	21.5	16.7	25.1