Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064522.D
Acq On : 16 Oct 2025 19:01
Operator : RC/JU
Sample : Q3352-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

Quant Time: Oct 16 21:58:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	14005	20.000	ng	# 0.00
21) Naphthalene-d8	10.602	136	58109	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	43315	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	106973	20.000	ng	0.00
76) Chrysene-d12	21.413	240	124431	20.000	ng	0.00
86) Perylene-d12	24.392	264	142325	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	84080	111.107	ng	0.00
7) Phenol-d6	6.994	99	113428	111.538	ng	0.00
23) Nitrobenzene-d5	8.969	82	75989	70.315	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	87464	111.398	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	197369	67.164	ng	0.00
79) Terphenyl-d14	19.809	244	439019	66.771	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.969	70	11943	17.560	ng	# 66
51) 2,6-Dinitrotoluene	14.445	165	5956	8.428	ng	# 12
57) 2,4-Dinitrotoluene	14.445	165	5956	5.513	ng	# 21
63) Azobenzene	15.802	77	18305	6.495	ng	# 12
67) 4-Bromophenyl-phenylether	15.937	248	5648	4.487	ng	# 1
71) Phenanthrene	17.224	178	21893	3.914	ng	99
72) Anthracene	17.224	178	21893	3.901	ng	98
75) Fluoranthene	19.239	202	67577	10.112	ng	99
77) Benzidine	19.809	184	8624	2.785	ng	98
78) Pyrene	19.597	202	59683	7.391	ng	98
81) Benzo(a)anthracene	21.395	228	38711	4.872	ng	96
83) Chrysene	21.395	228	38711	5.138	ng	96
87) Indeno(1,2,3-cd)pyrene	27.729	276	29735	3.002	ng	# 74
88) Benzo(b)fluoranthene	23.452	252	50862	6.282	ng	97
89) Benzo(k)fluoranthene	23.452	252	50862	6.237	ng	97
90) Benzo(a)pyrene	24.251	252	39688	5.318	ng	# 94
92) Benzo(g,h,i)perylene	28.781	276	27505	3.573	ng	97

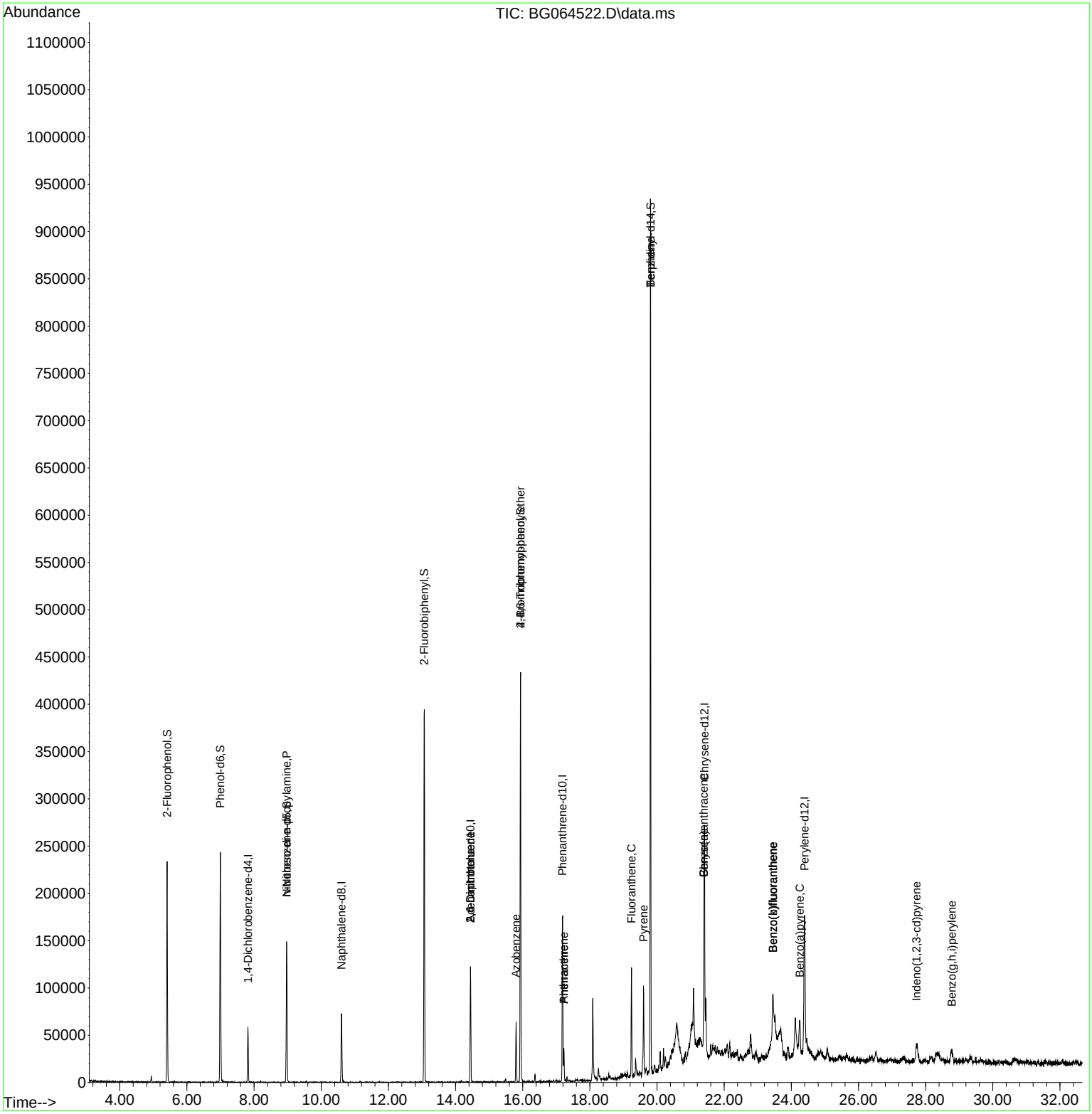
(#) = qualifier out of range (m) = manual integration (+) = signals summed

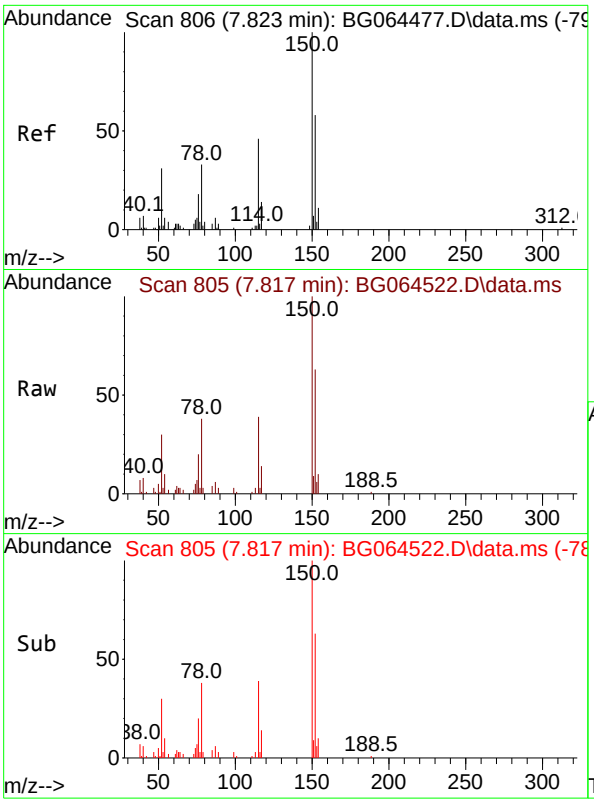
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064522.D
Acq On : 16 Oct 2025 19:01
Operator : RC/JU
Sample : Q3352-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

Quant Time: Oct 16 21:58:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



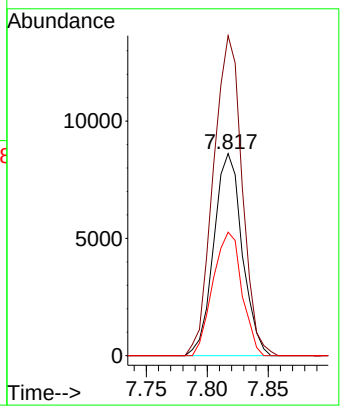


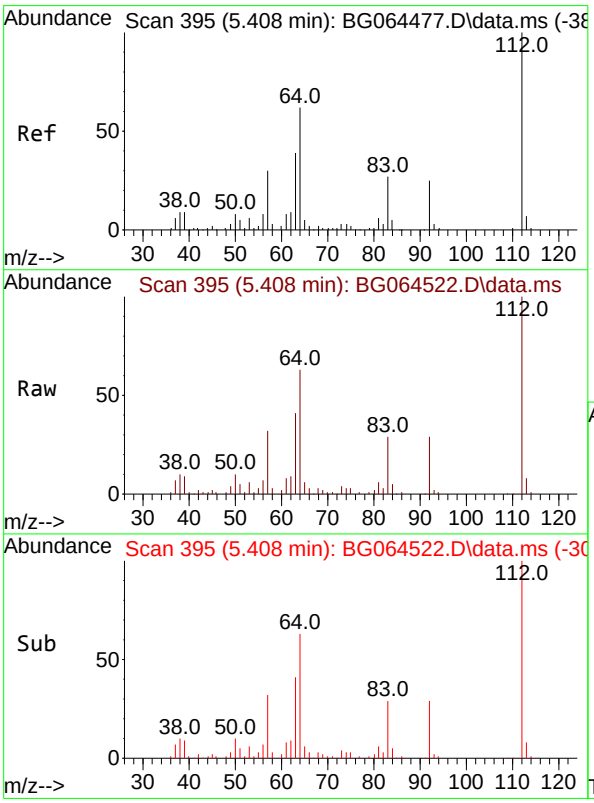
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 8(
Delta R.T. -0.003 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 14005

Ion	Ratio	Lower	Upper
152	100		
150	158.4	138.6	207.8
115	61.2	63.4	95.2#

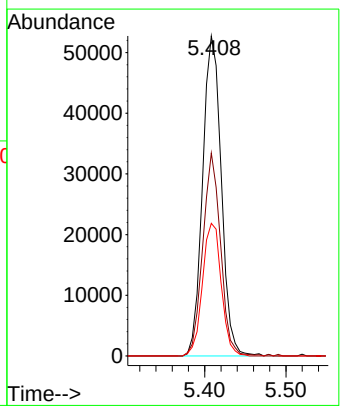


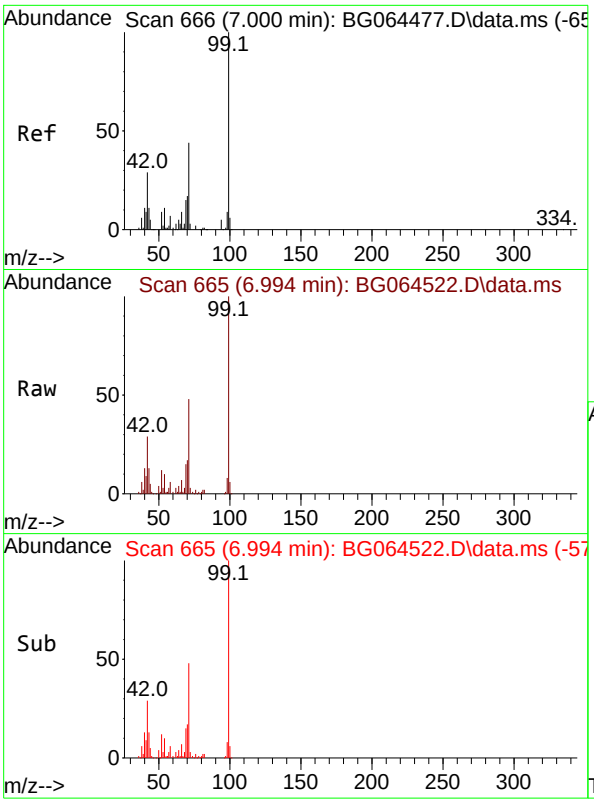


#5
2-Fluorophenol
Concen: 111.107 ng
RT: 5.408 min Scan# 395
Delta R.T. 0.002 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:112 Resp: 84080

Ion	Ratio	Lower	Upper
112	100		
64	63.4	49.8	74.8
63	41.5	31.3	46.9



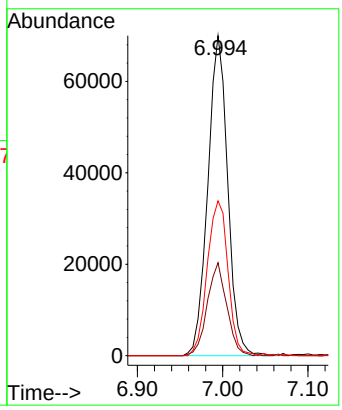


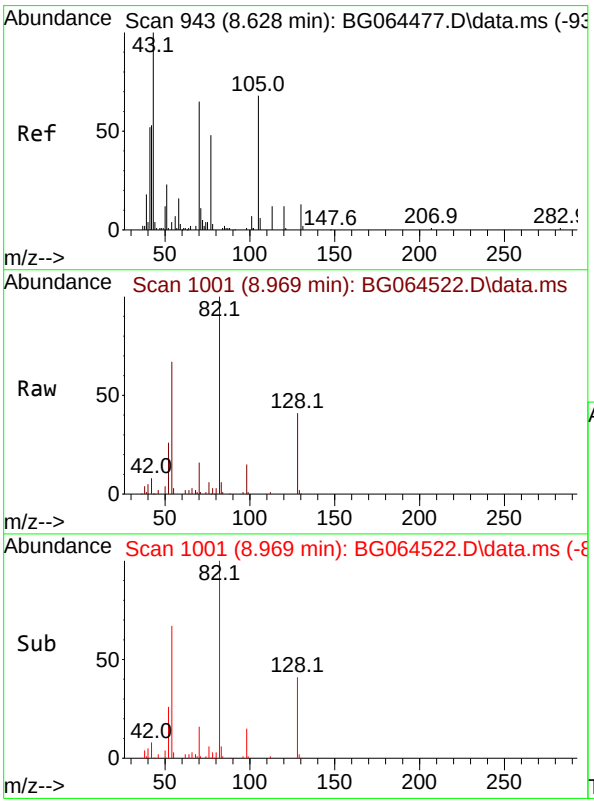
#7
Phenol-d6
Concen: 111.538 ng
RT: 6.994 min Scan# 6
Delta R.T. 0.008 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 113428

Ion	Ratio	Lower	Upper
99	100		
42	29.0	22.9	34.3
71	48.4	35.4	53.2

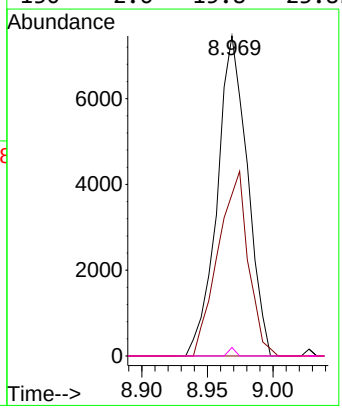


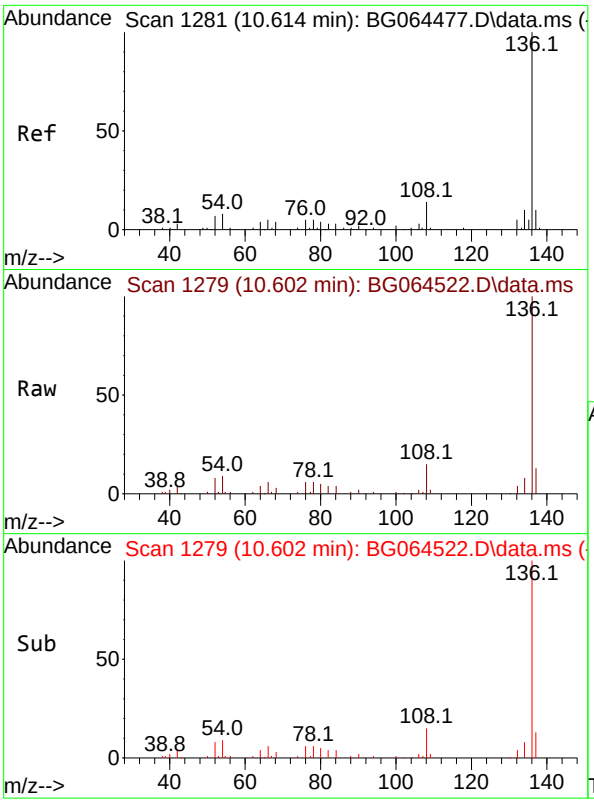


#19
n-Nitroso-di-n-propylamine
Concen: 17.560 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion: 70 Resp: 11943

Ion	Ratio	Lower	Upper
70	100		
42	50.5	64.9	97.3#
101	0.0	8.7	13.1#
130	2.6	15.8	23.8#



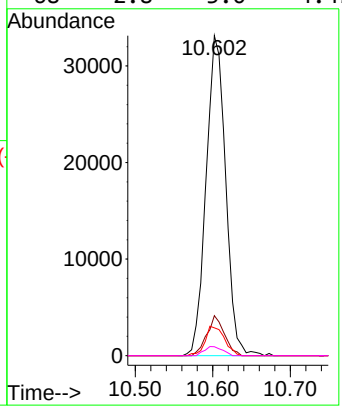


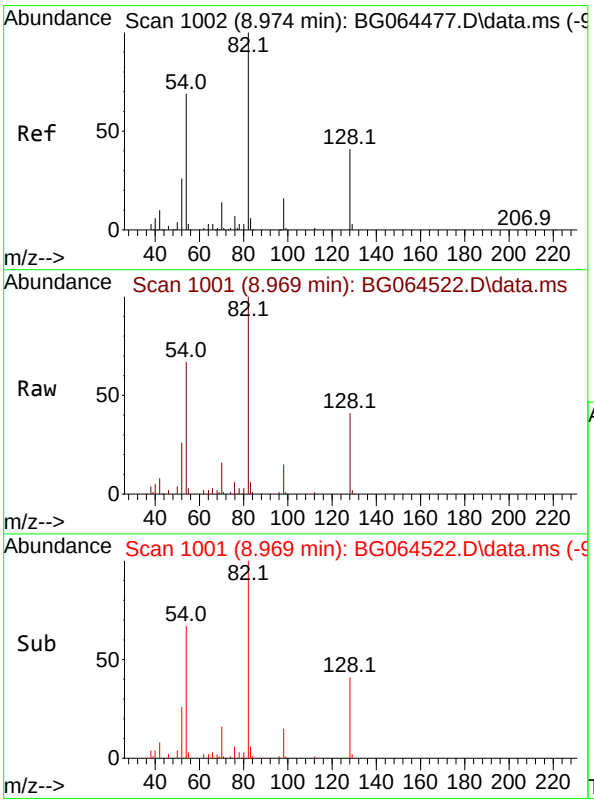
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 58109

Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.3	12.5#
54	9.5	6.2	9.4#
68	2.8	3.0	4.4#

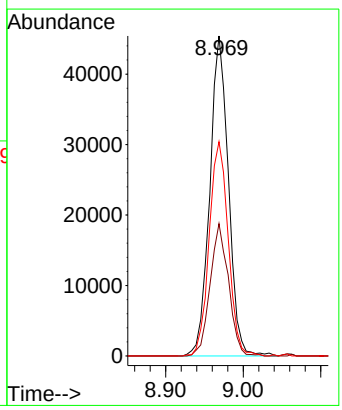


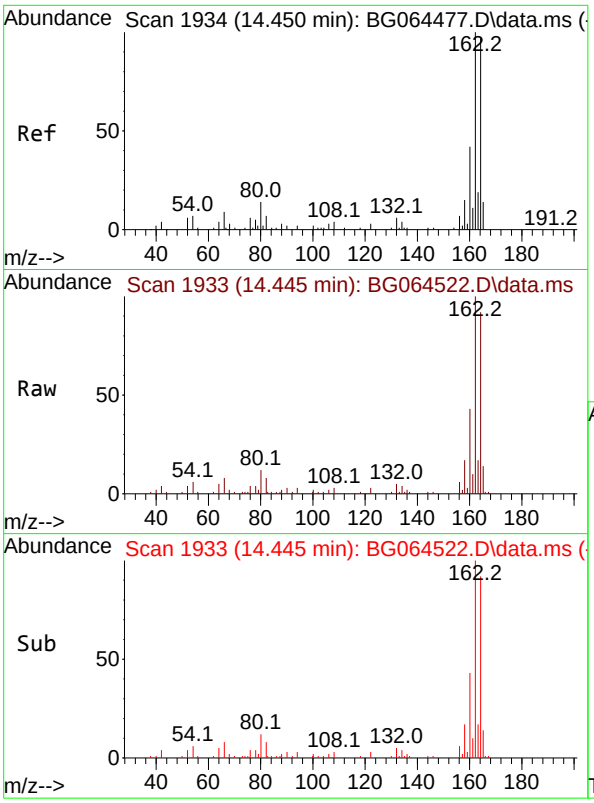


#23
Nitrobenzene-d5
Concen: 70.315 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.002 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion: 82 Resp: 75989

Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.1	49.7
54	67.0	55.4	83.2



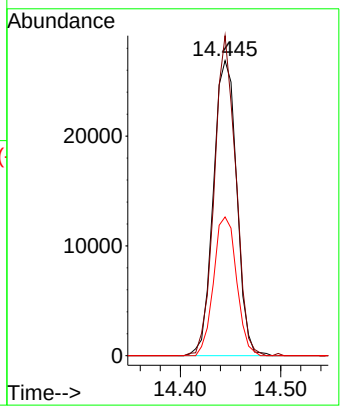


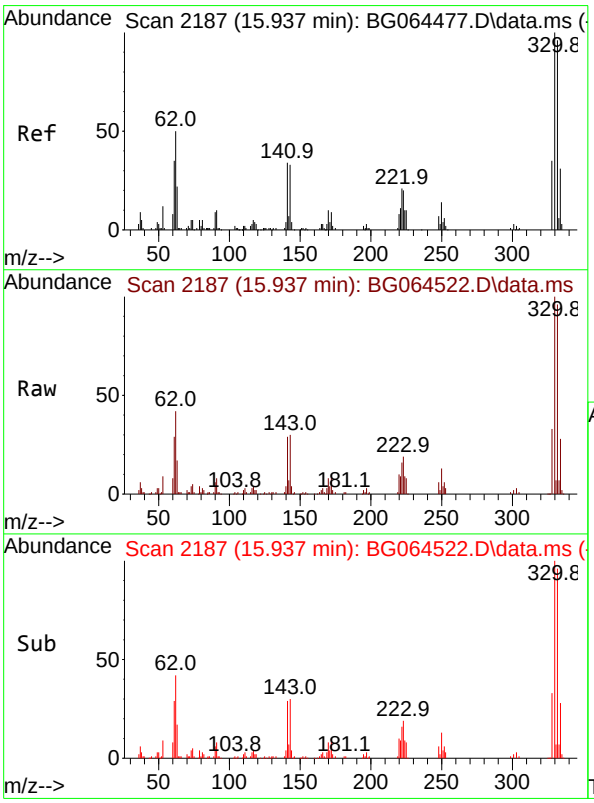
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 43315

Ion	Ratio	Lower	Upper
164	100		
162	108.5	82.2	123.2
160	47.0	34.3	51.5

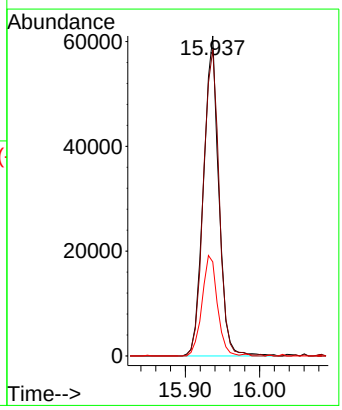


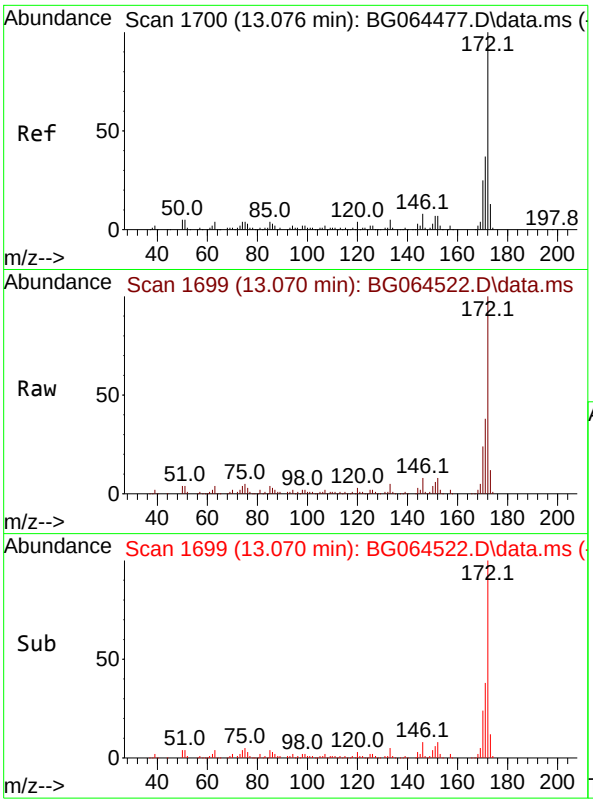


#42
2,4,6-Tribromophenol
Concen: 111.398 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:330 Resp: 87464

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.0
141	31.6	25.8	38.6



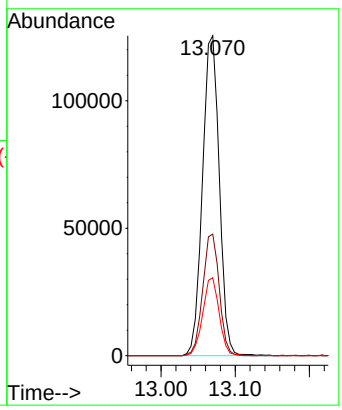


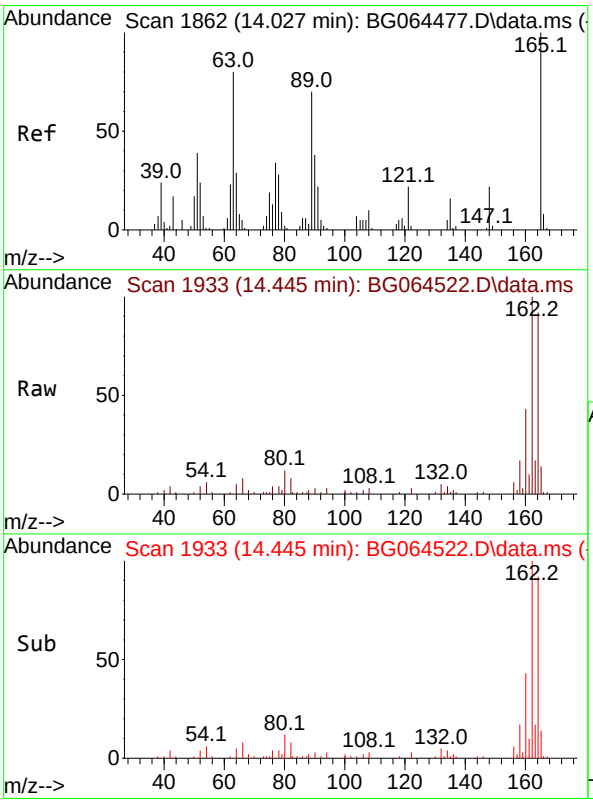
#45
2-Fluorobiphenyl
Concen: 67.164 ng
RT: 13.070 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 197369

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.6	44.4
170	24.3	20.2	30.2

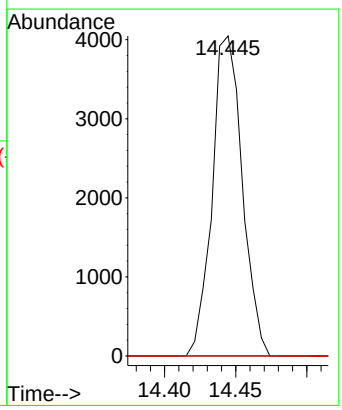


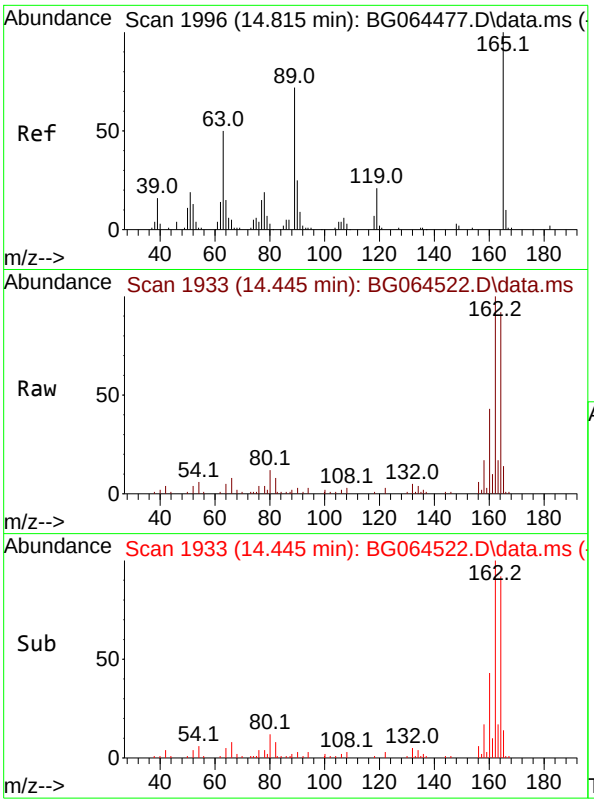


#51
2,6-Dinitrotoluene
Concen: 8.428 ng
RT: 14.445 min Scan# 1933
Delta R.T. 0.425 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:165 Resp: 5956

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	0.0	56.1	84.1#



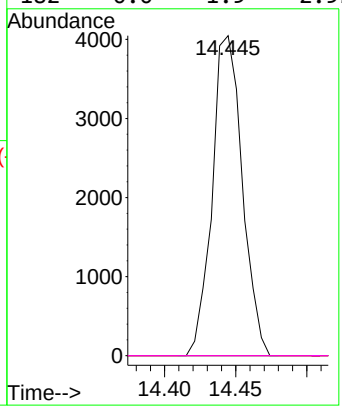


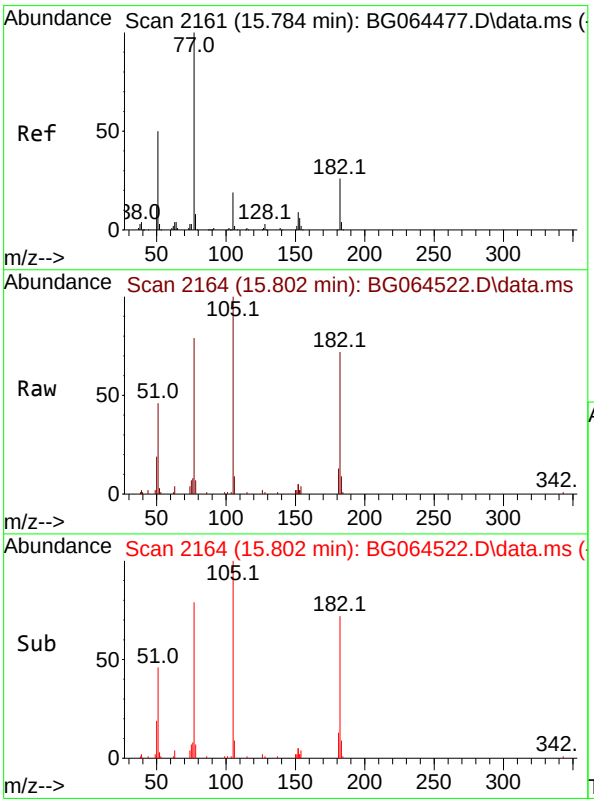
#57
2,4-Dinitrotoluene
Concen: 5.513 ng
RT: 14.445 min Scan# 1
Delta R.T. -0.368 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:165 Resp: 5956

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	0.0	57.3	85.9#
182	0.0	1.9	2.9#

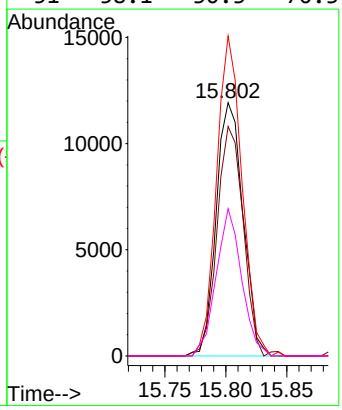


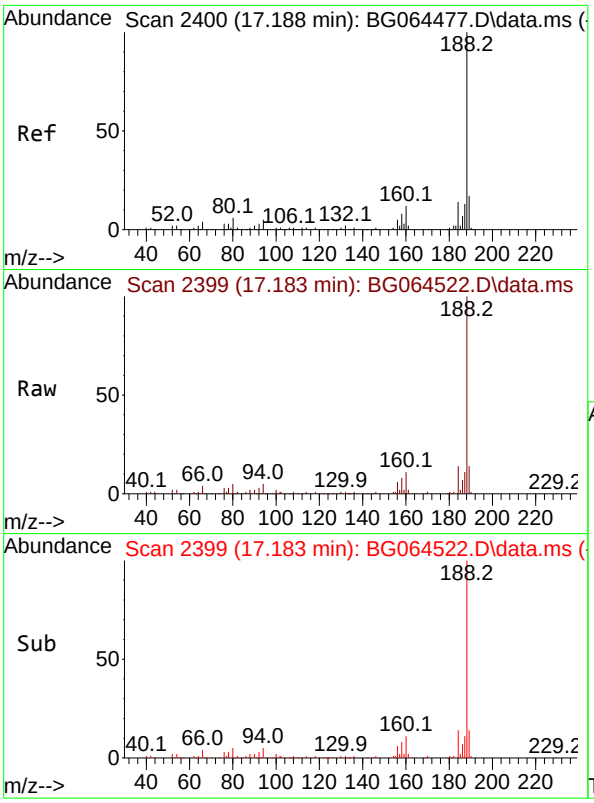


#63
Azobenzene
Concen: 6.495 ng
RT: 15.802 min Scan# 2164
Delta R.T. 0.020 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion: 77 Resp: 18305

Ion	Ratio	Lower	Upper
77	100		
182	90.6	6.3	46.3#
105	126.3	0.0	38.7#
51	58.1	30.3	70.3



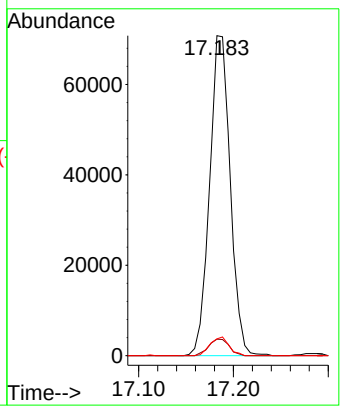


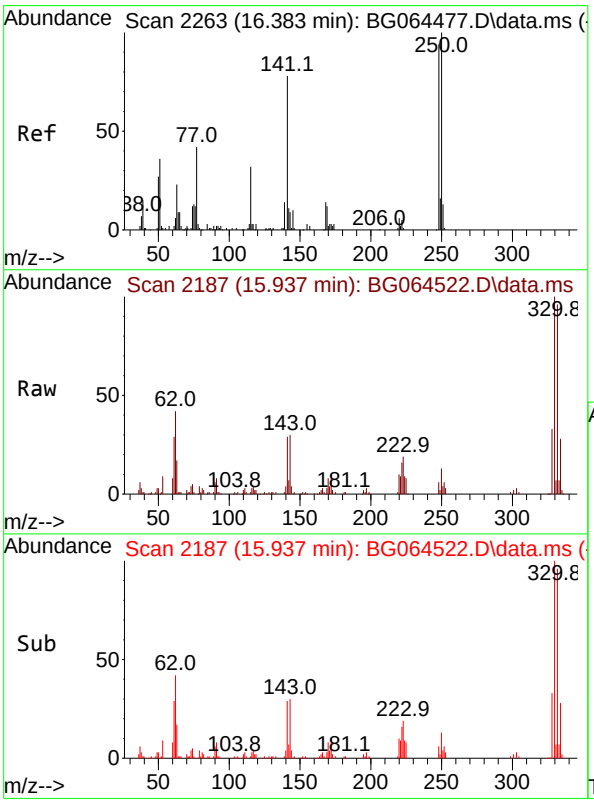
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 106973

Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.7	5.5
80	5.3	4.5	6.7

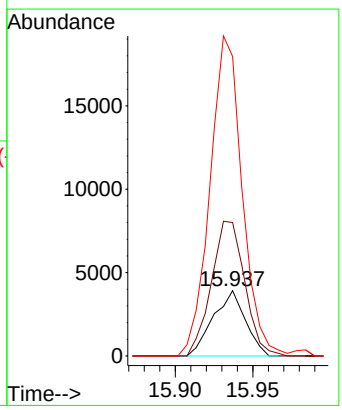


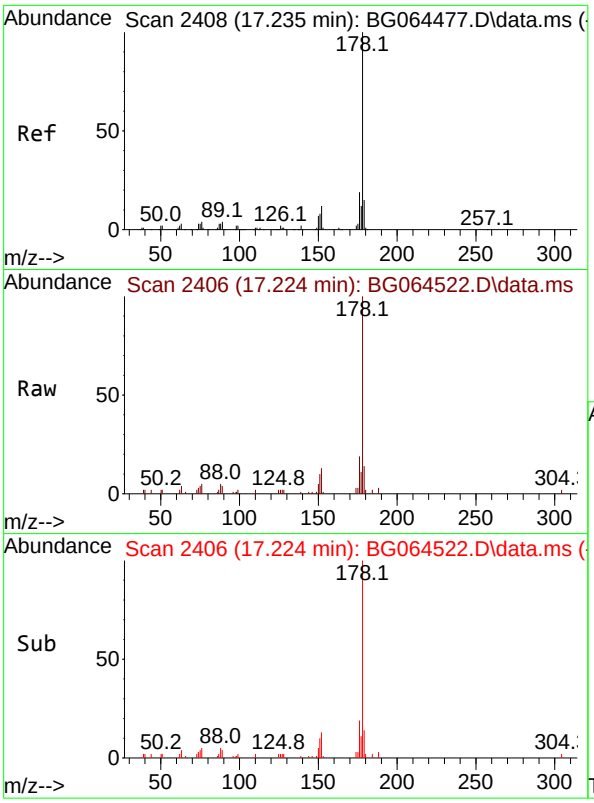


#67
4-Bromophenyl-phenylether
Concen: 4.487 ng
RT: 15.937 min Scan# 2187
Delta R.T. -0.444 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:248 Resp: 5648

Ion	Ratio	Lower	Upper
248	100		
250	204.4	85.3	127.9#
141	459.2	66.2	99.2#



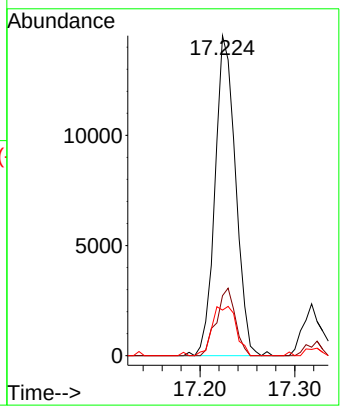


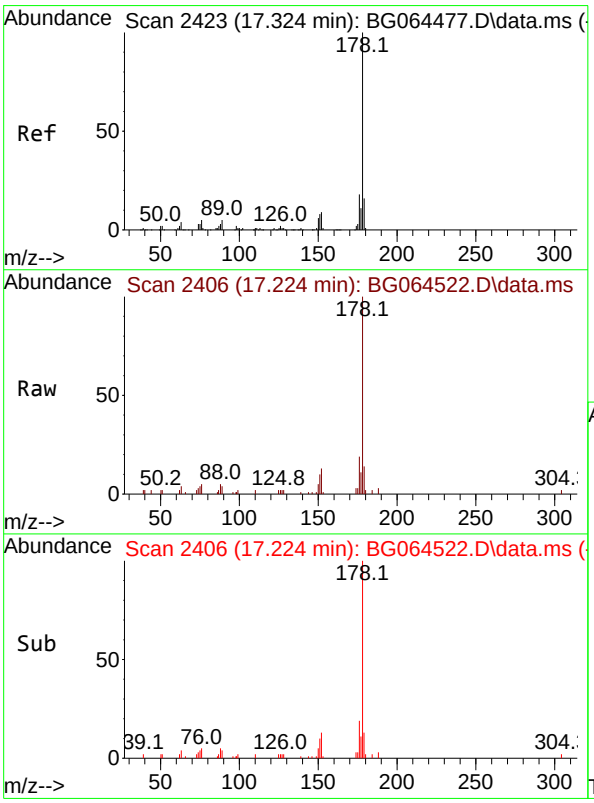
#71
Phenanthrene
Concen: 3.914 ng
RT: 17.224 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:178 Resp: 21893

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	14.2	11.8	17.6

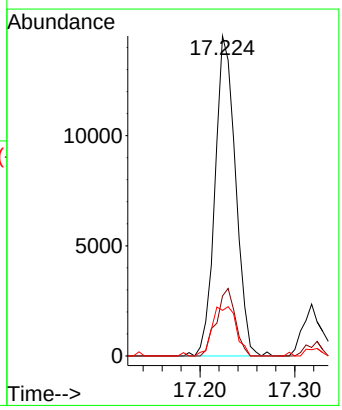


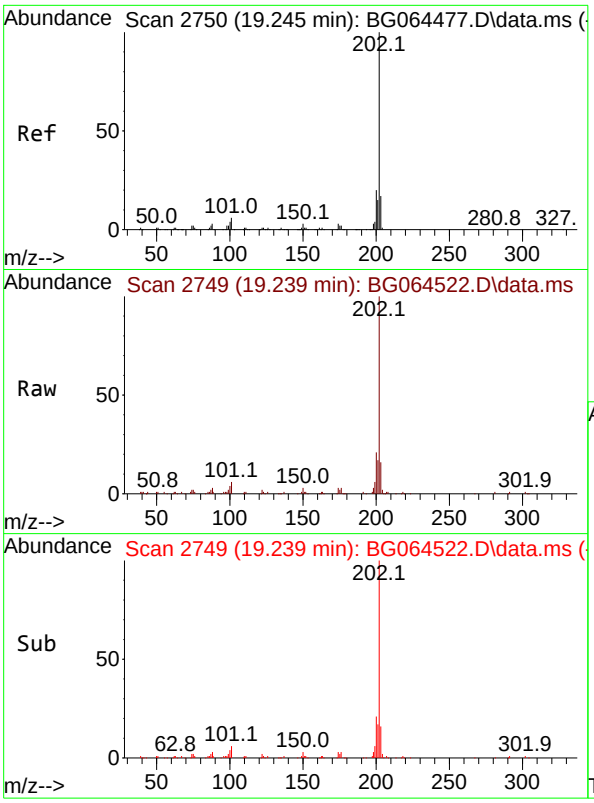


#72
Anthracene
Concen: 3.901 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.097 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:178 Resp: 21893

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	14.2	12.5	18.7



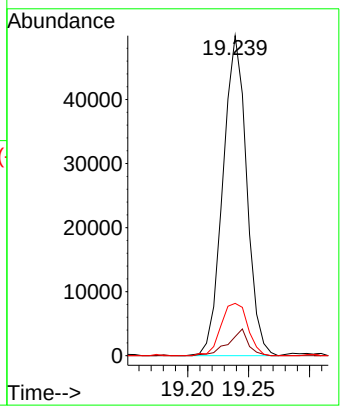


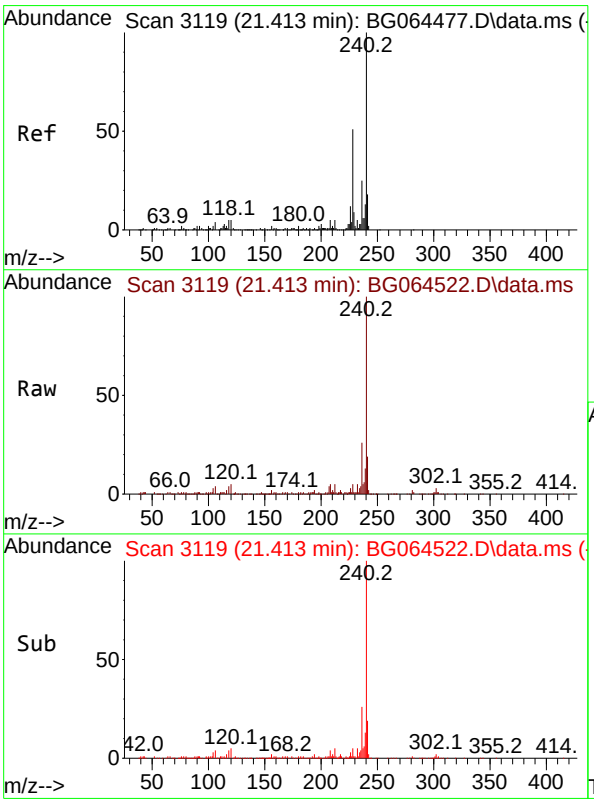
#75
Fluoranthene
Concen: 10.112 ng
RT: 19.239 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:202 Resp: 67577

Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	25.7
203	16.3	0.0	36.6

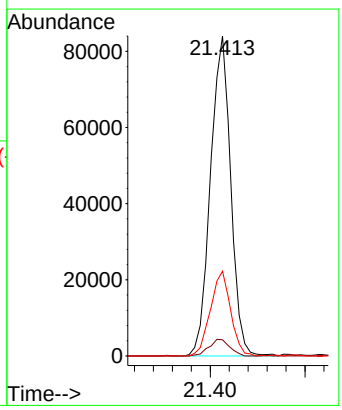


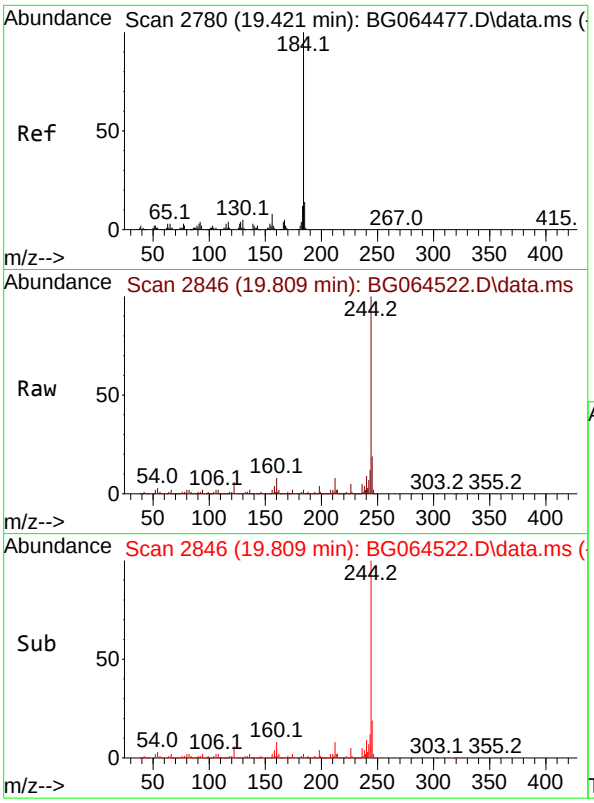


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:240 Resp: 124431

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.3	6.5
236	26.5	20.4	30.6



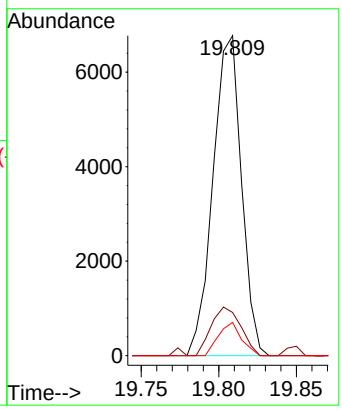


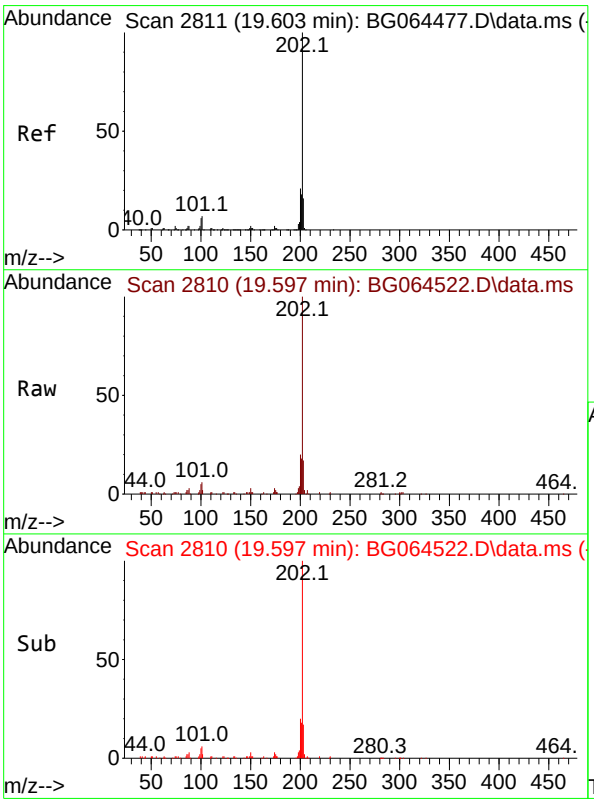
#77
Benzidine
Concen: 2.785 ng
RT: 19.809 min Scan# 2
Delta R.T. 0.384 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:184 Resp: 8624

Ion	Ratio	Lower	Upper
184	100		
185	13.5	10.9	16.3
183	10.4	9.8	14.6

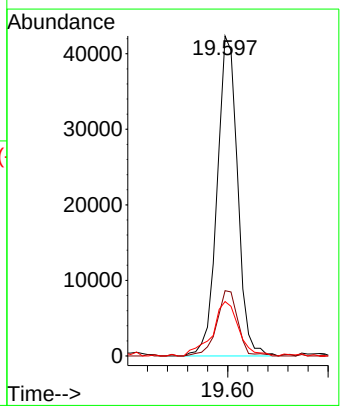


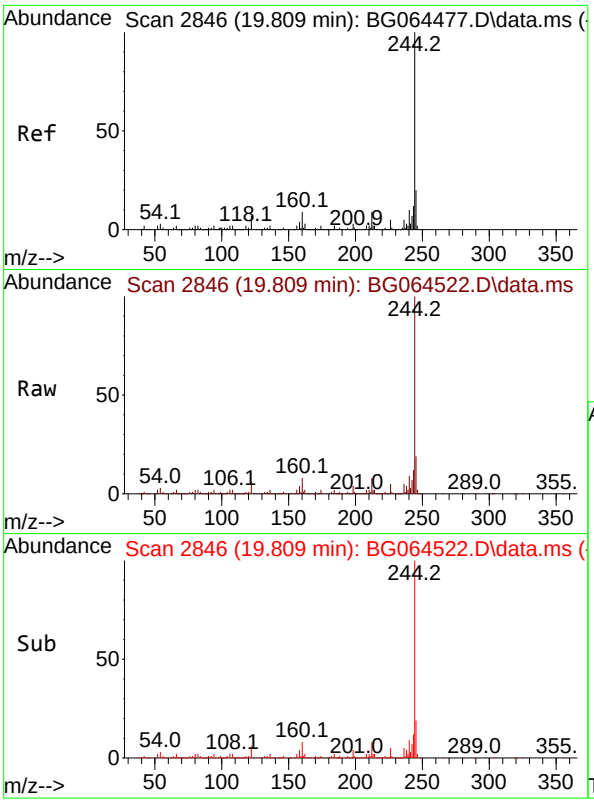


#78
Pyrene
Concen: 7.391 ng
RT: 19.597 min Scan# 2810
Delta R.T. -0.003 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:202 Resp: 59683

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	17.0	13.0	19.4



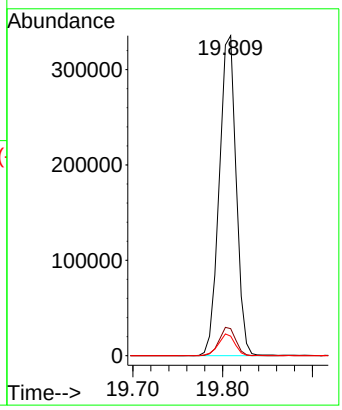


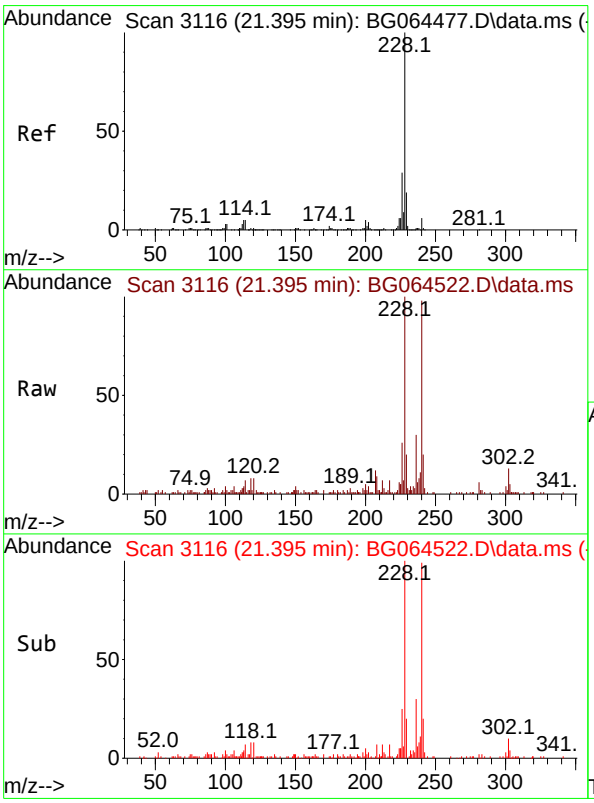
#79
Terphenyl-d14
Concen: 66.771 ng
RT: 19.809 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 439019

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	6.1	5.6	8.4

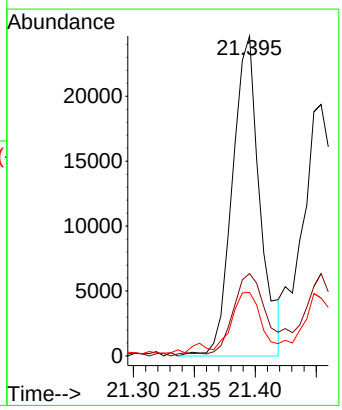


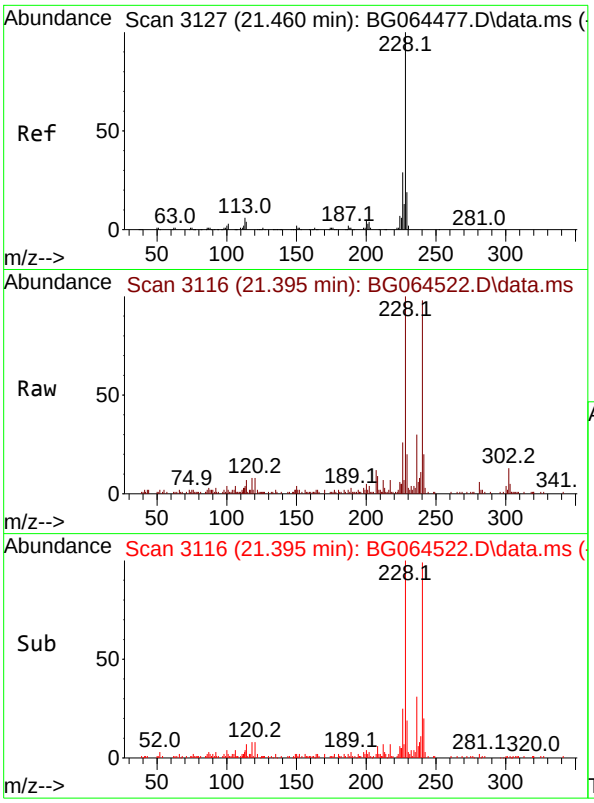


#81
Benzo(a)anthracene
Concen: 4.872 ng
RT: 21.395 min Scan# 3116
Delta R.T. 0.002 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:228 Resp: 38711

Ion	Ratio	Lower	Upper
228	100		
226	25.7	22.8	34.2
229	19.9	15.2	22.8



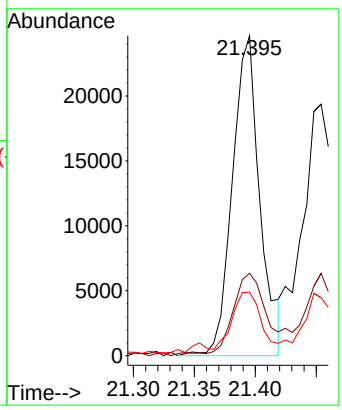


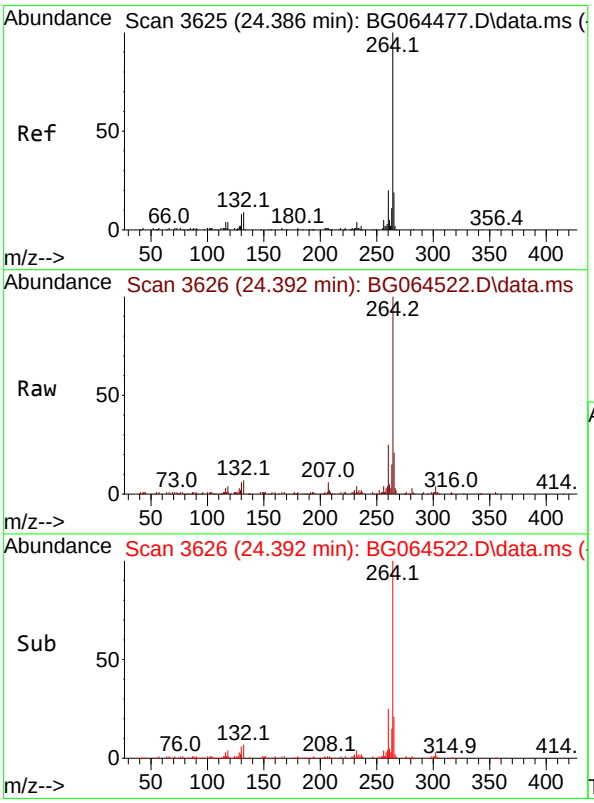
#83
Chrysene
Concen: 5.138 ng
RT: 21.395 min Scan# 3
Delta R.T. -0.056 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:228 Resp: 38711

Ion	Ratio	Lower	Upper
228	100		
226	25.7	22.8	34.2
229	19.9	15.4	23.0

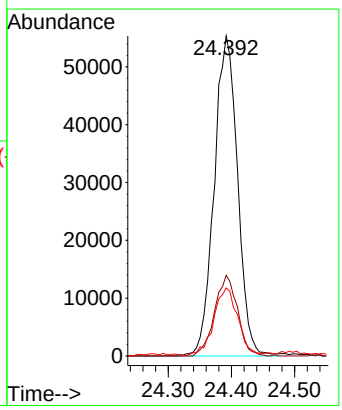


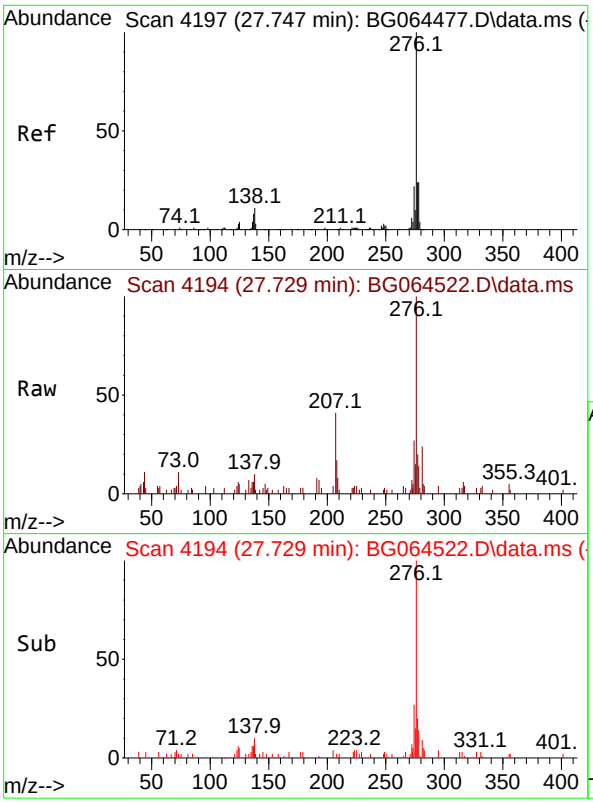


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.392 min Scan# 3626
Delta R.T. 0.002 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:264 Resp: 142325

Ion	Ratio	Lower	Upper
264	100		
260	25.2	16.2	24.4#
265	21.2	15.0	22.4



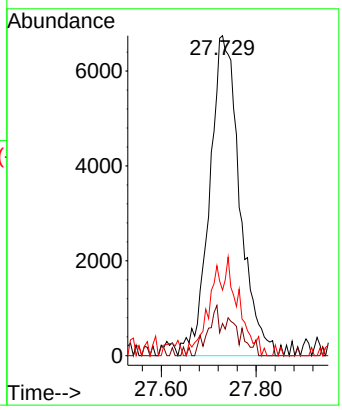


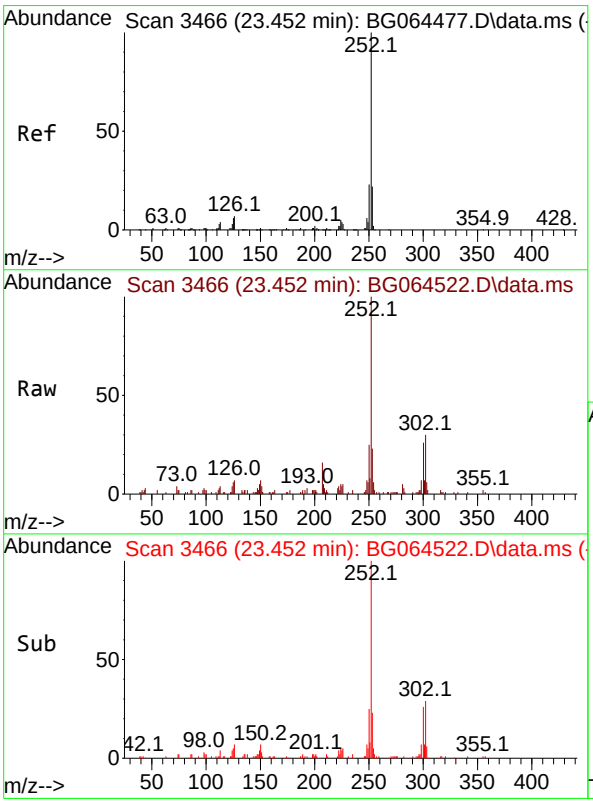
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.002 ng
RT: 27.729 min Scan# 4
Delta R.T. -0.003 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:276 Resp: 29735

Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.8	16.2#
277	14.7	20.3	30.5#

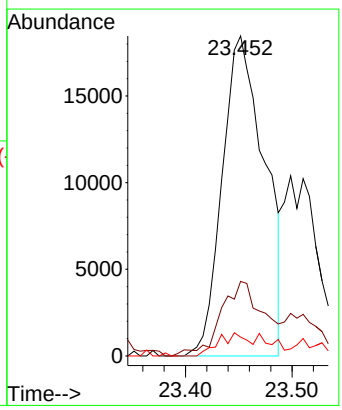


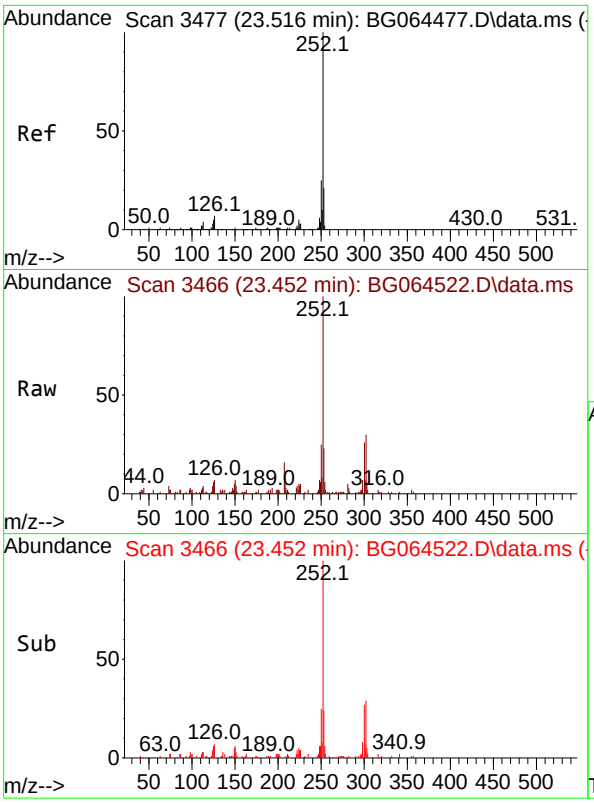


#88
Benzo(b)fluoranthene
Concen: 6.282 ng
RT: 23.452 min Scan# 3466
Delta R.T. 0.002 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:252 Resp: 50862

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	5.9	4.5	6.7



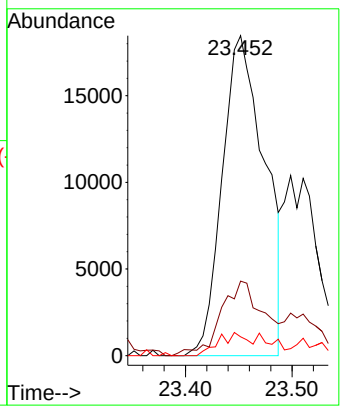


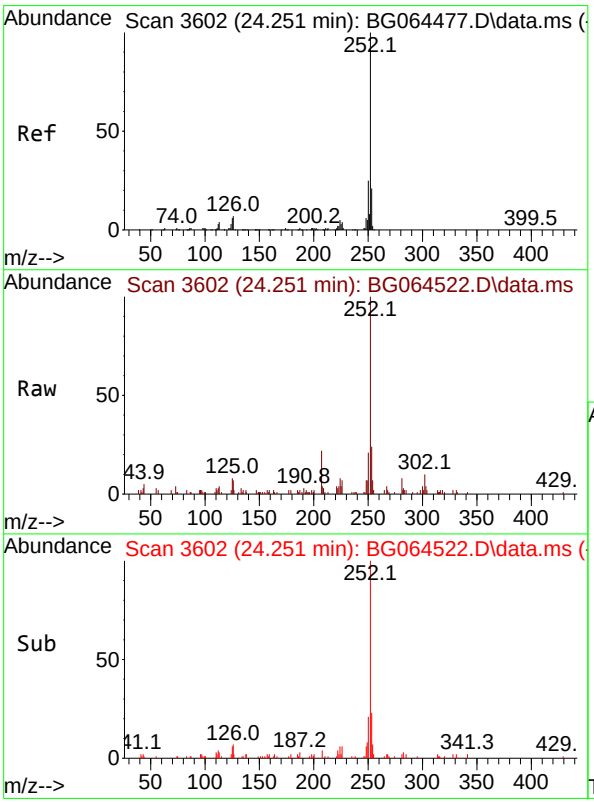
#89
Benzo(k)fluoranthene
Concen: 6.237 ng
RT: 23.452 min Scan# 34
Delta R.T. -0.056 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 50862

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	5.9	4.0	6.0

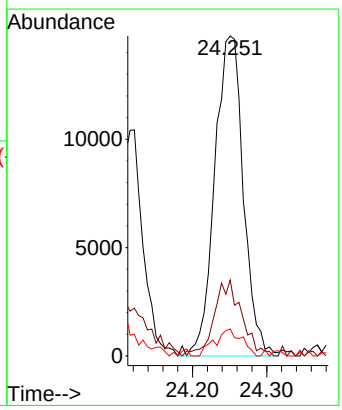


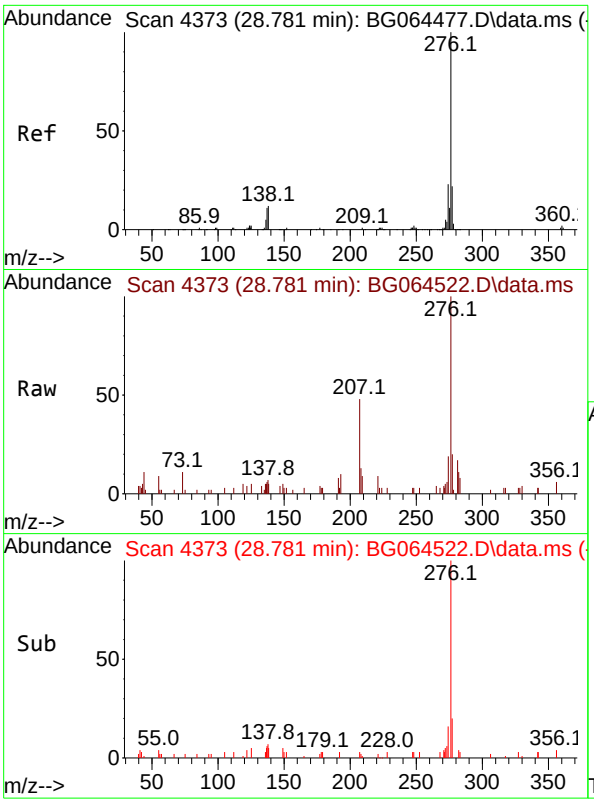


#90
Benzo(a)pyrene
Concen: 5.318 ng
RT: 24.251 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Tgt Ion:252 Resp: 39688

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	8.5	4.6	6.8#





#92
Benzo(g,h,i)perylene
Concen: 3.573 ng
RT: 28.781 min Scan# 4
Delta R.T. 0.014 min
Lab File: BG064522.D
Acq: 16 Oct 2025 19:01

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:276 Resp: 27505

Ion	Ratio	Lower	Upper
276	100		
277	19.9	17.8	26.6
138	12.0	9.4	14.0