Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064553.D
Acq On : 20 Oct 2025 17:24
Operator : RC/JU
Sample : Q3392-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-20

Quant Time: Oct 20 17:59:48 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	7.818	152	14382	20.000	ng		0.00
21) Naphthalene-d8	10.603	136	61148	20.000	ng	#	0.00
39) Acenaphthene-d10	14.446	164	43176	20.000	ng		0.00
64) Phenanthrene-d10	17.189	188	98218	20.000	ng	#	0.00
76) Chrysene-d12	21.414	240	108709	20.000	ng		0.00
86) Perylene-d12	24.405	264	122870	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.415	112	68788	88.517	ng		0.00
7) Phenol-d6	7.001	99	85336	81.714	ng		0.02
23) Nitrobenzene-d5	8.976	82	58739	51.652	ng		0.00
42) 2,4,6-Tribromophenol	15.938	330	65856	84.148	ng		0.00
45) 2-Fluorobiphenyl	13.071	172	157221	53.674	ng		0.00
79) Terphenyl-d14	19.810	244	289806	50.452	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	8.976	70	9145	13.094	ng	#	76
51) 2,6-Dinitrotoluene	14.440	165	5986	8.498	ng	#	12
57) 2,4-Dinitrotoluene	14.440	165	5986	5.559	ng	#	21
63) Azobenzene	15.803	77	9462	3.368	ng	#	12
67) 4-Bromophenyl-phenylether	15.938	248	4134	3.577	ng	#	1
71) Phenanthrene	17.231	178	30813	5.999	ng		97
72) Anthracene	17.231	178	30813	5.980	ng		99
75) Fluoranthene	19.240	202	50540	8.236	ng		98
77) Benzidine	19.804	184	6148	2.273	ng	#	84
78) Pyrene	19.604	202	67580	9.579	ng		97
81) Benzo(a)anthracene	21.396	228	31119	4.483	ng	#	92
83) Chrysene	21.461	228	35320	5.366	ng	#	86
87) Indeno(1,2,3-cd)pyrene	27.759	276	20868	2.440	ng	#	82
88) Benzo(b)fluoranthene	23.470	252	40140	5.742	ng	#	93
89) Benzo(k)fluoranthene	23.470	252	40140	5.702	ng	#	93
90) Benzo(a)pyrene	24.264	252	32300	5.014	ng	#	96
92) Benzo(g,h,i)perylene	28.823	276	26332	3.962	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064553.D
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QLast Update : Thu Oct 02 16:40:42 2025
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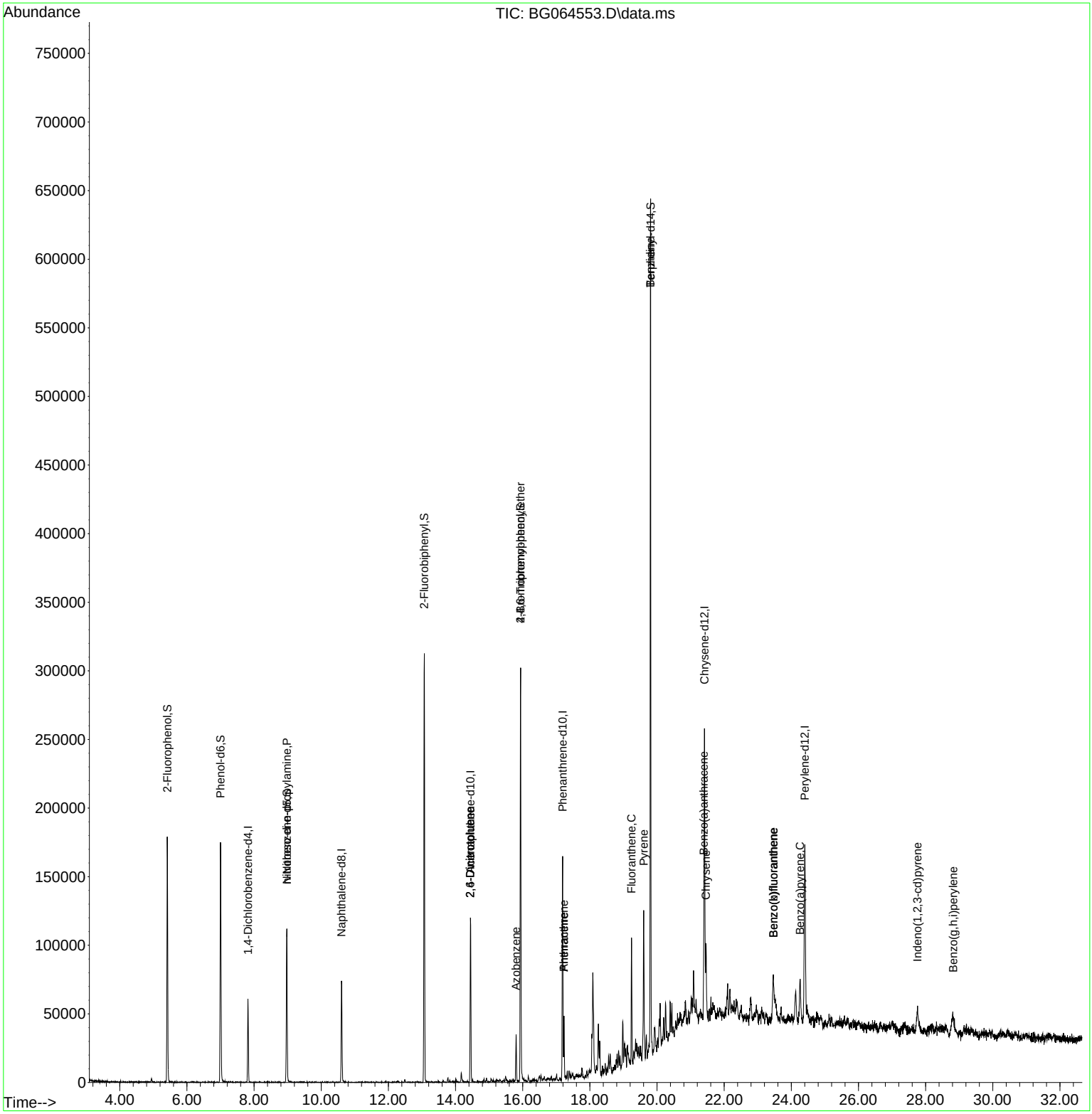
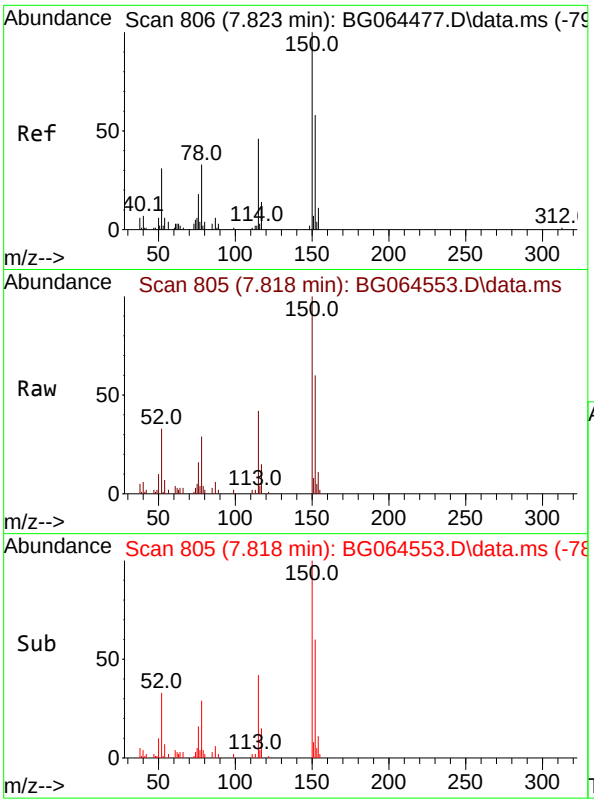


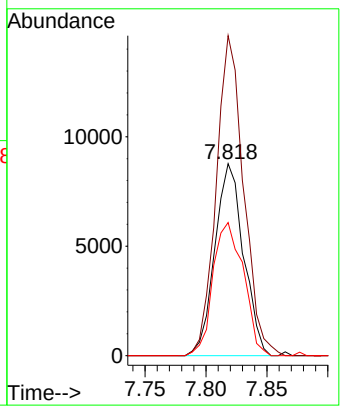


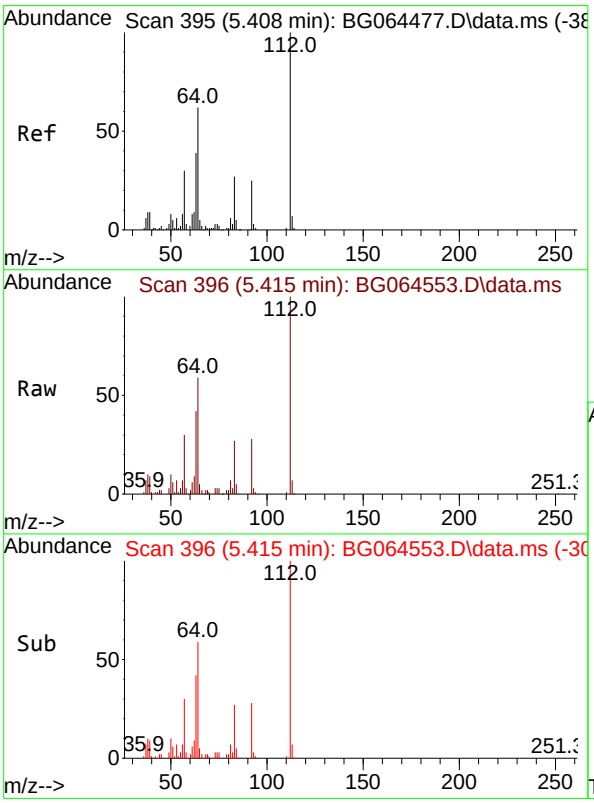
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.818 min Scan# 8(
Delta R.T. -0.002 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:152 Resp: 14382

Ion	Ratio	Lower	Upper
152	100		
150	166.7	138.6	207.8
115	69.3	63.4	95.2

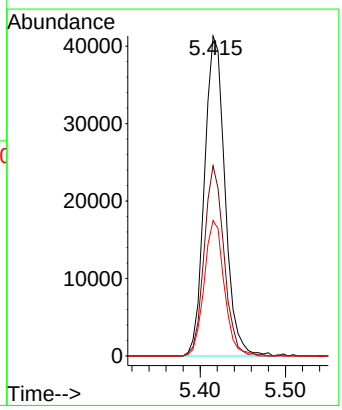


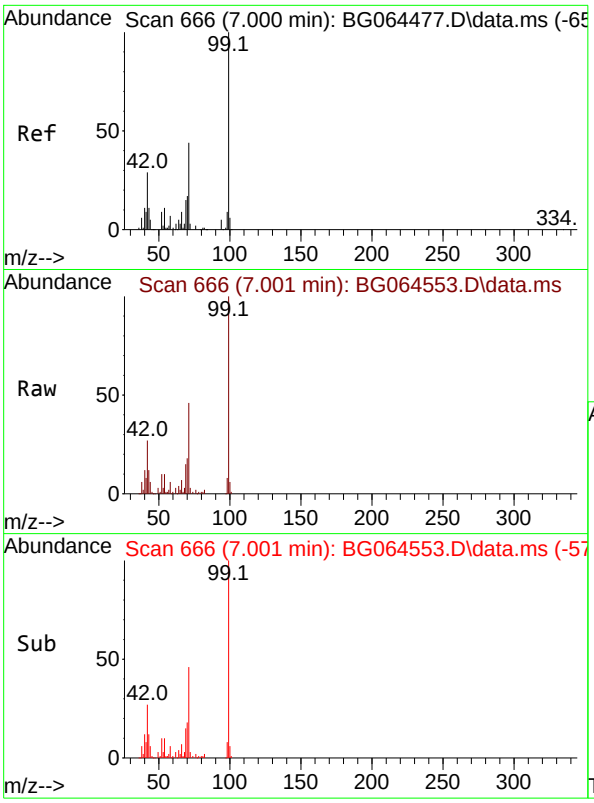


#5
2-Fluorophenol
Concen: 88.517 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:112 Resp: 68788

Ion	Ratio	Lower	Upper
112	100		
64	59.5	49.8	74.8
63	42.3	31.3	46.9



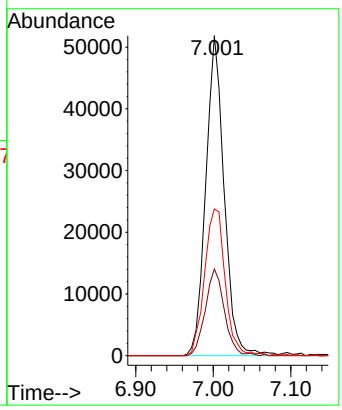


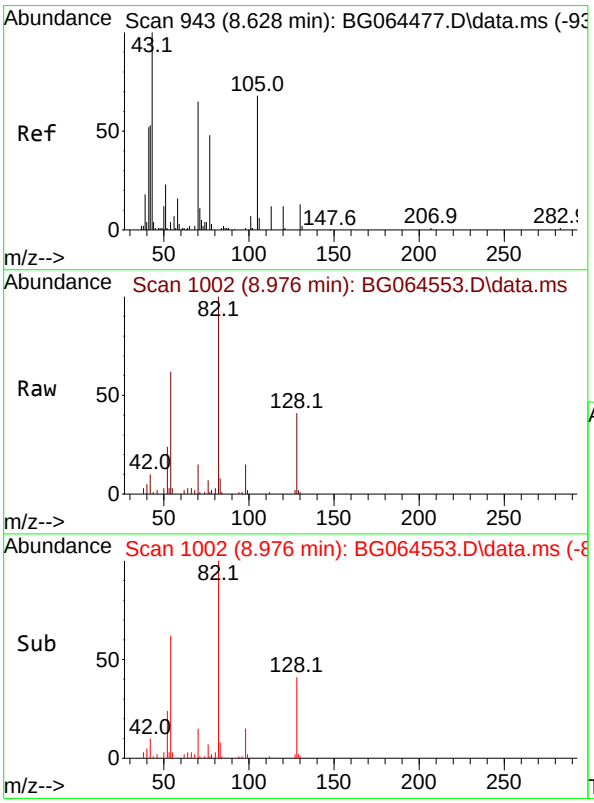
#7
Phenol-d6
Concen: 81.714 ng
RT: 7.001 min Scan# 6
Delta R.T. 0.015 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion: 99 Resp: 85336

Ion	Ratio	Lower	Upper
99	100		
42	27.1	22.9	34.3
71	45.9	35.4	53.2

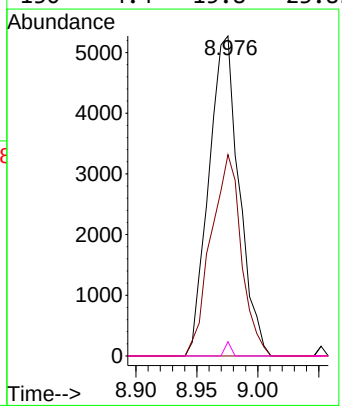


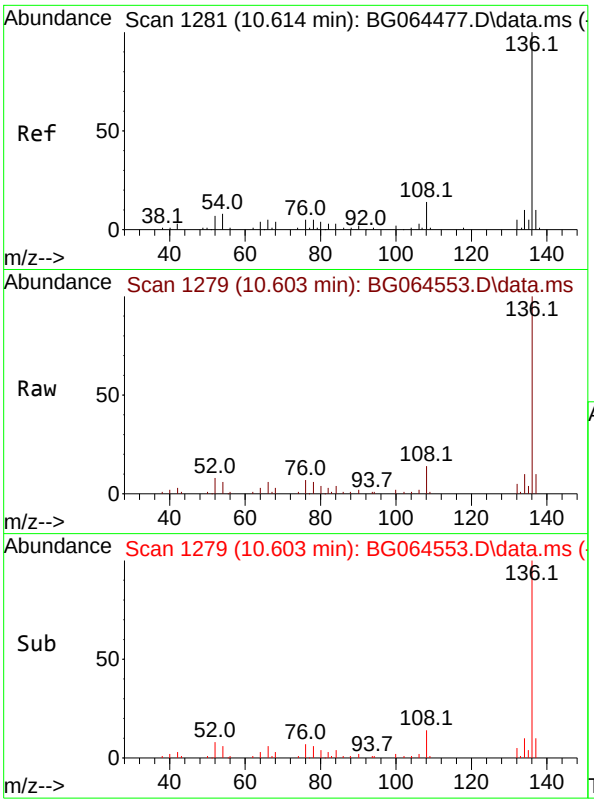


#19
n-Nitroso-di-n-propylamine
Concen: 13.094 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.362 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion: 70 Resp: 9145

Ion	Ratio	Lower	Upper
70	100		
42	62.9	64.9	97.3#
101	0.0	8.7	13.1#
130	4.4	15.8	23.8#



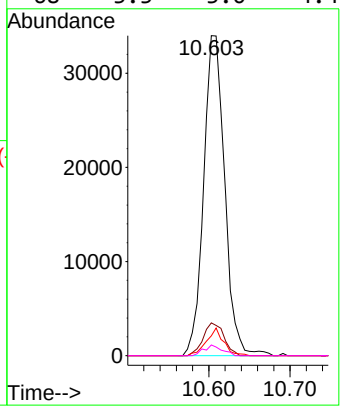


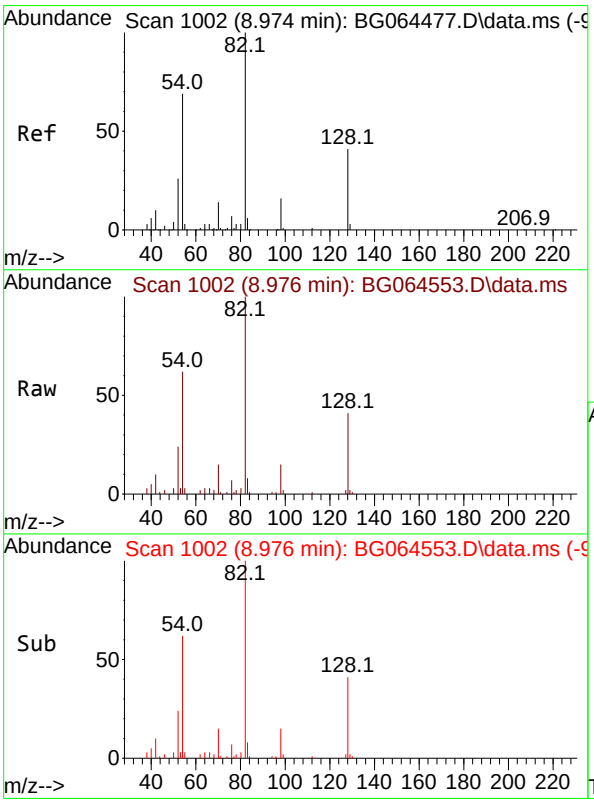
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:136 Resp: 61148

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.3	12.5
54	6.2	6.2	9.4#
68	3.3	3.0	4.4

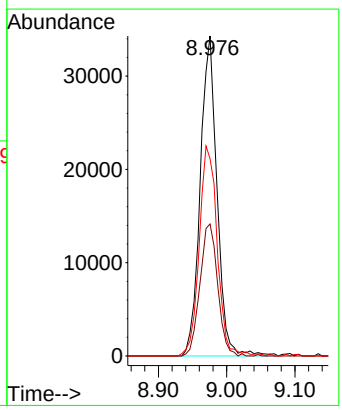


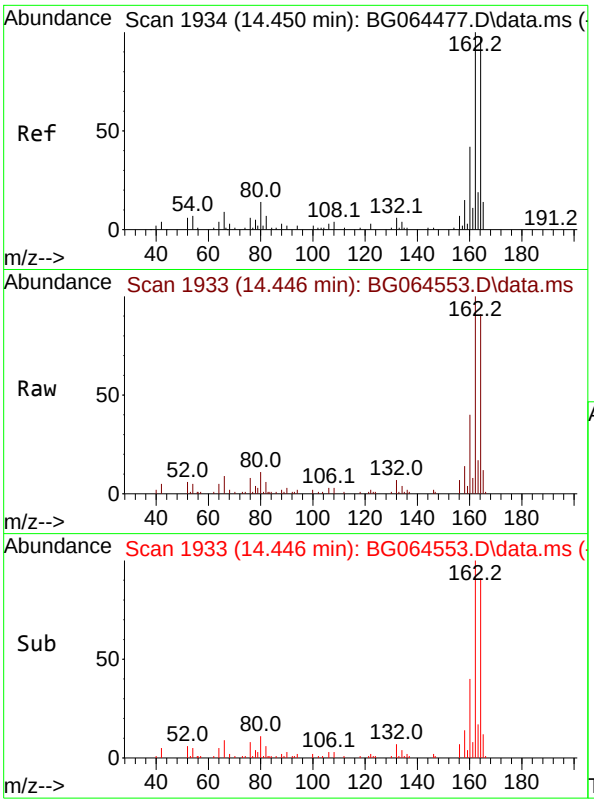


#23
Nitrobenzene-d5
Concen: 51.652 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion: 82 Resp: 58739

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.1	49.7
54	61.7	55.4	83.2



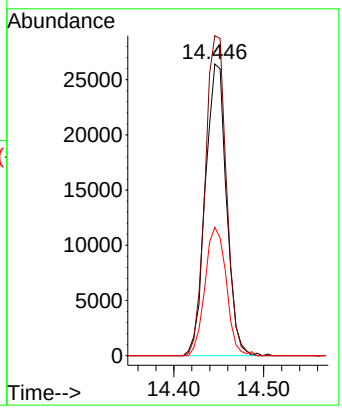


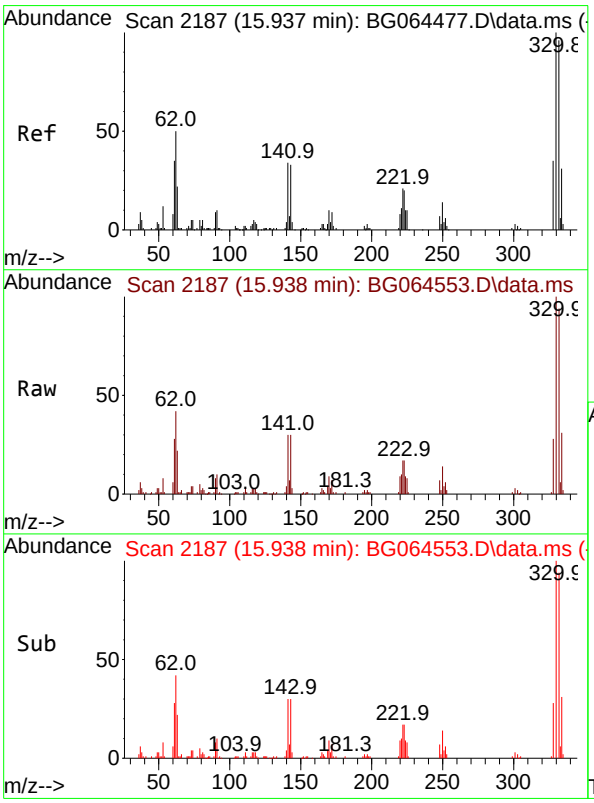
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:164 Resp: 43176

Ion	Ratio	Lower	Upper
164	100		
162	109.7	82.2	123.2
160	44.0	34.3	51.5

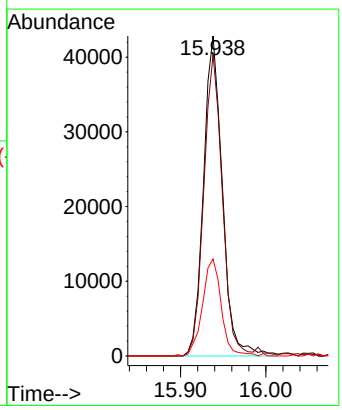


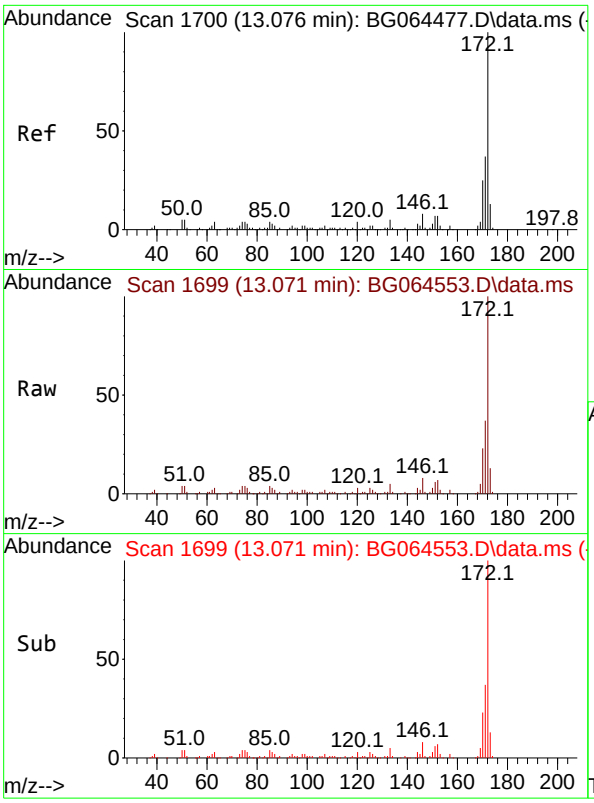


#42
2,4,6-Tribromophenol
Concen: 84.148 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:330 Resp: 65856

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.4	116.0
141	30.2	25.8	38.6



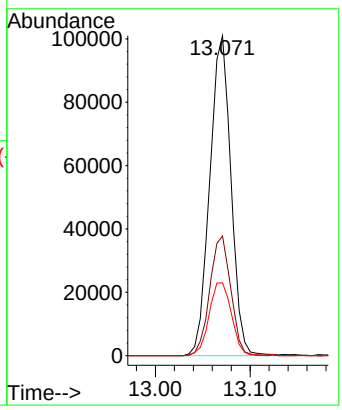


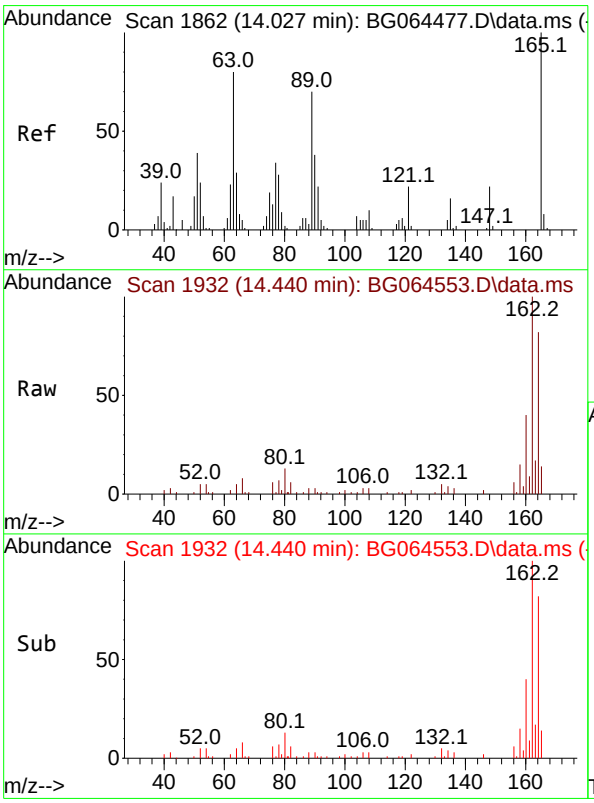
#45
2-Fluorobiphenyl
Concen: 53.674 ng
RT: 13.071 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:172 Resp: 157221

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	22.8	20.2	30.2

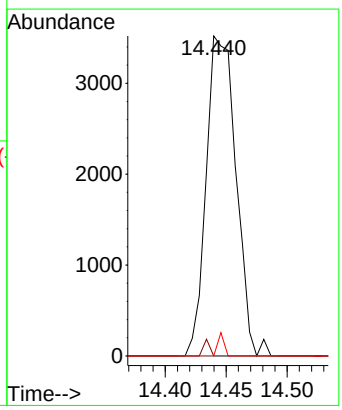


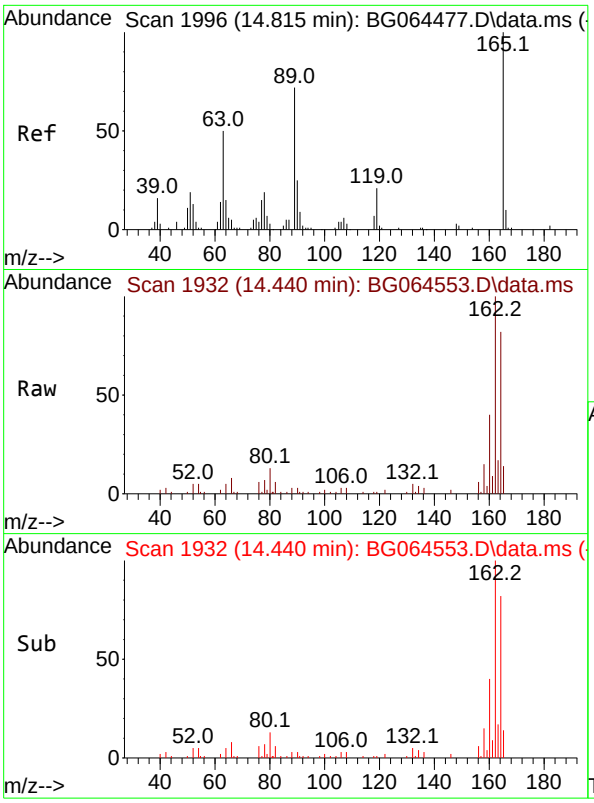


#51
2,6-Dinitrotoluene
Concen: 8.498 ng
RT: 14.440 min Scan# 1932
Delta R.T. 0.421 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:165 Resp: 5986

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



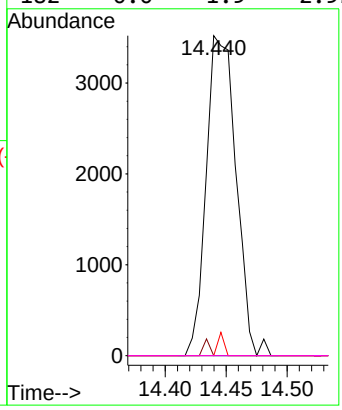


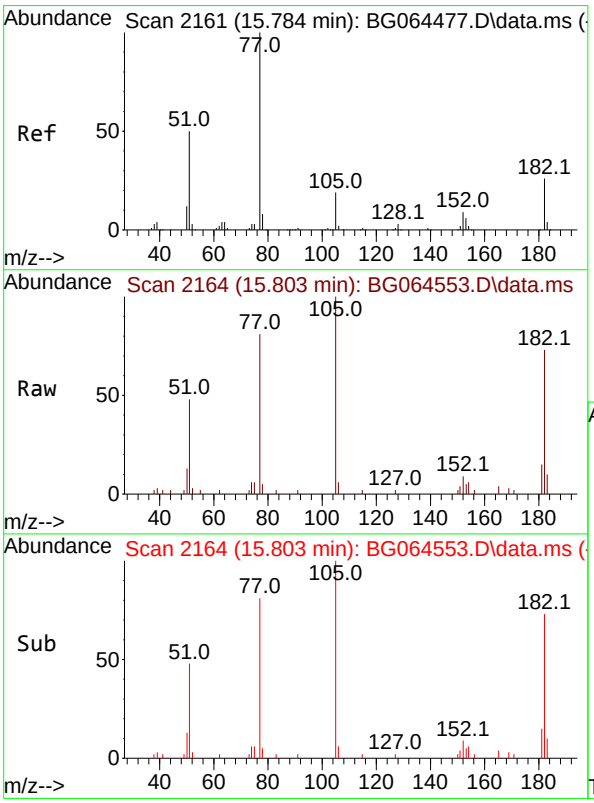
#57
2,4-Dinitrotoluene
Concen: 5.559 ng
RT: 14.440 min Scan# 1
Delta R.T. -0.373 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:165 Resp: 5986

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#

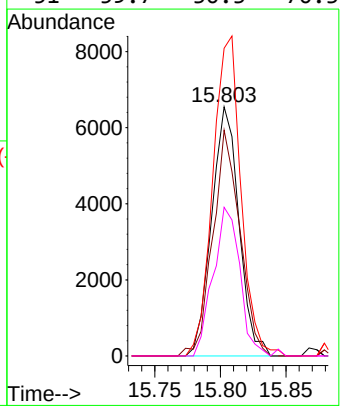


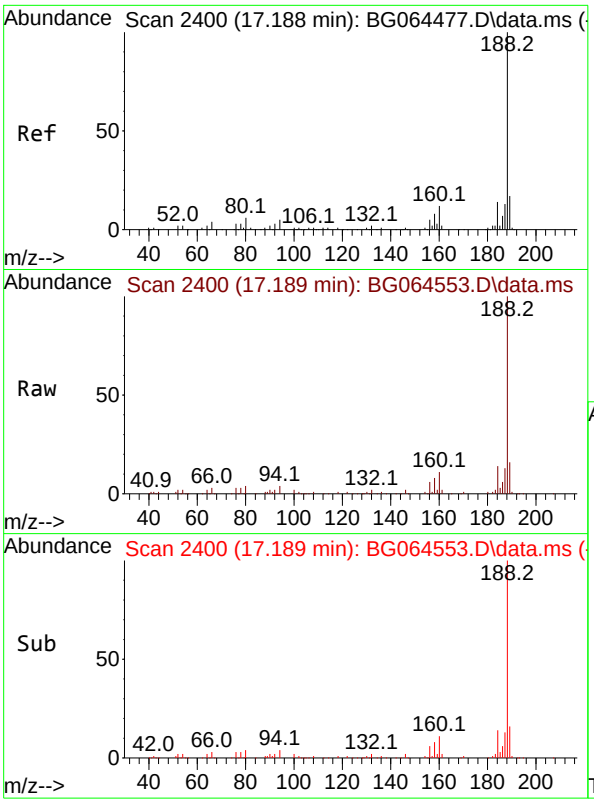


#63
Azobenzene
Concen: 3.368 ng
RT: 15.803 min Scan# 2164
Delta R.T. 0.021 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion: 77 Resp: 9462

Ion	Ratio	Lower	Upper
77	100		
182	90.6	6.3	46.3#
105	123.5	0.0	38.7#
51	59.7	30.3	70.3



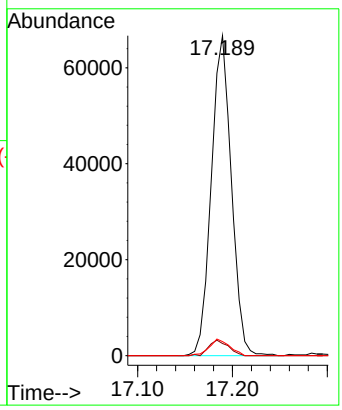


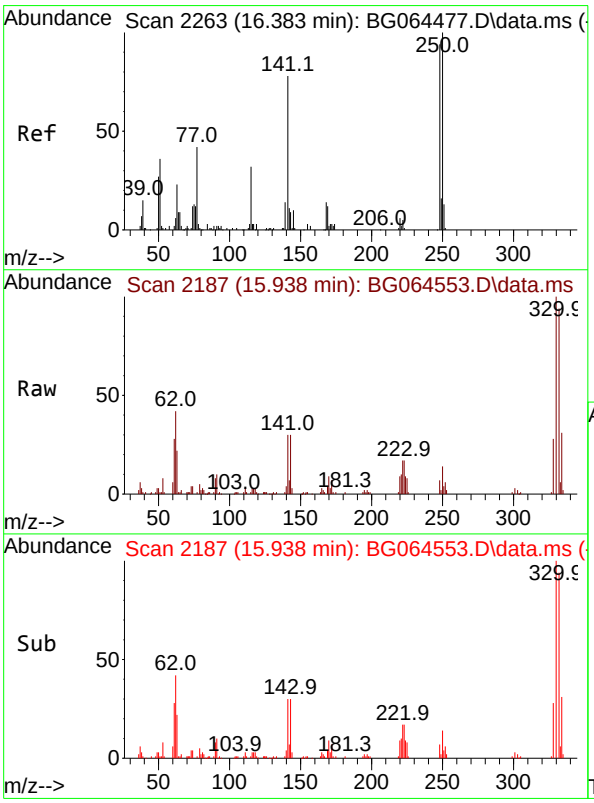
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:188 Resp: 98218

Ion	Ratio	Lower	Upper
188	100		
94	3.8	3.7	5.5
80	4.4	4.5	6.7#

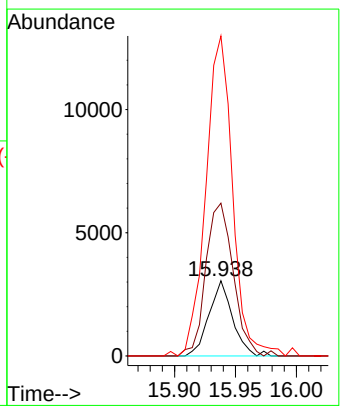


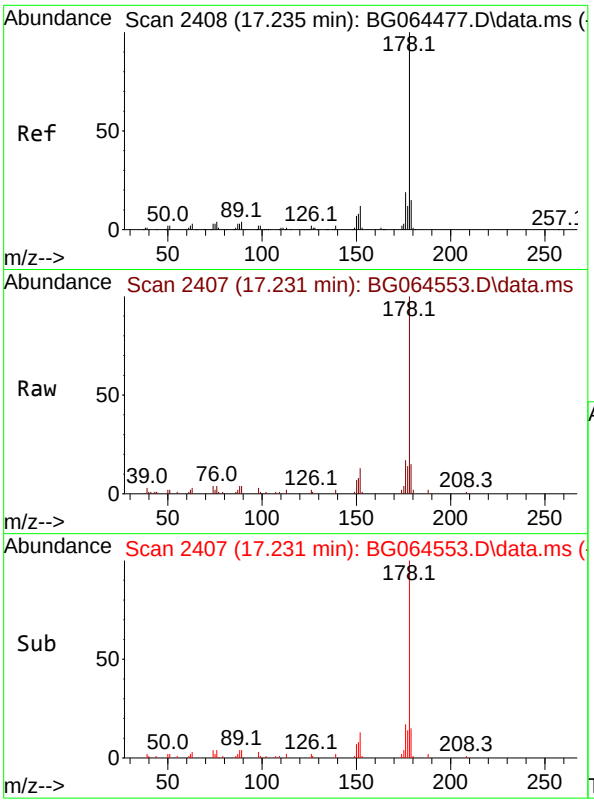


#67
4-Bromophenyl-phenylether
Concen: 3.577 ng
RT: 15.938 min Scan# 2187
Delta R.T. -0.443 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:248 Resp: 4134

Ion	Ratio	Lower	Upper
248	100		
250	203.2	85.3	127.9#
141	425.4	66.2	99.2#



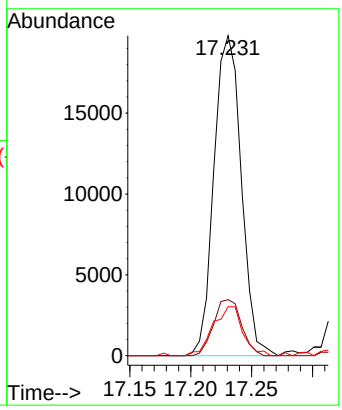


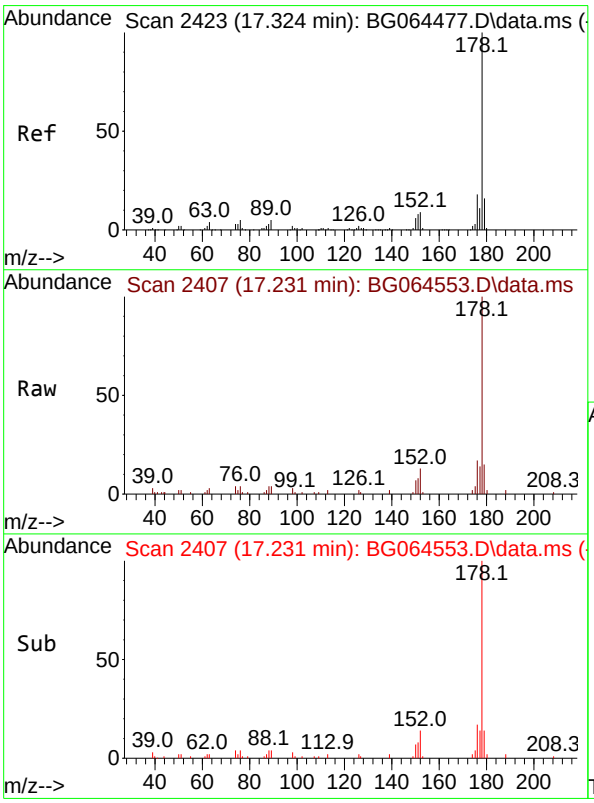
#71
Phenanthrene
Concen: 5.999 ng
RT: 17.231 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:178 Resp: 30813

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.2	22.8
179	15.3	11.8	17.6

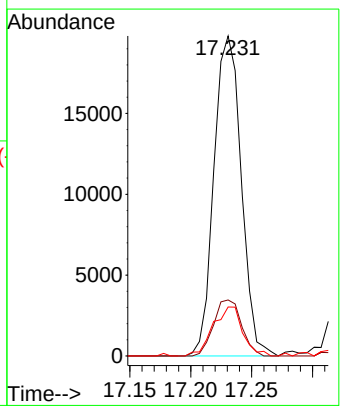


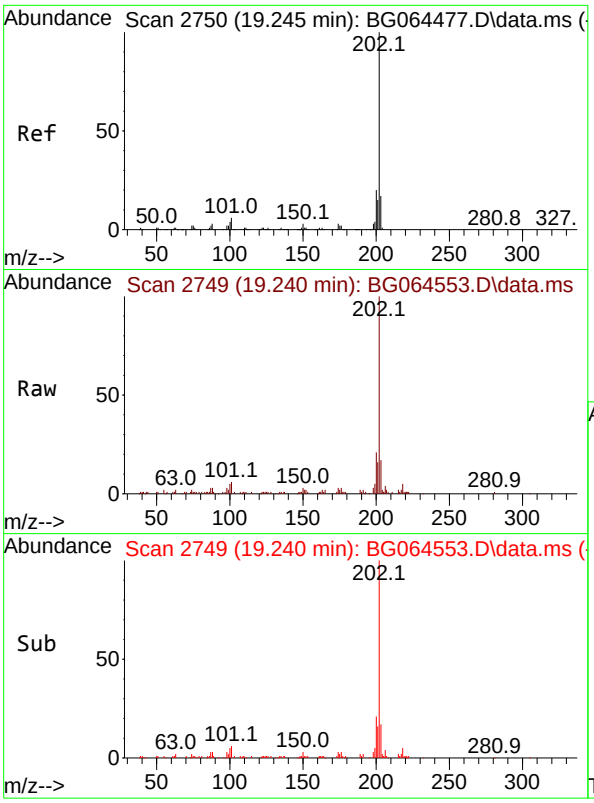


#72
Anthracene
Concen: 5.980 ng
RT: 17.231 min Scan# 2407
Delta R.T. -0.091 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:178 Resp: 30813

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	21.8
179	15.3	12.5	18.7



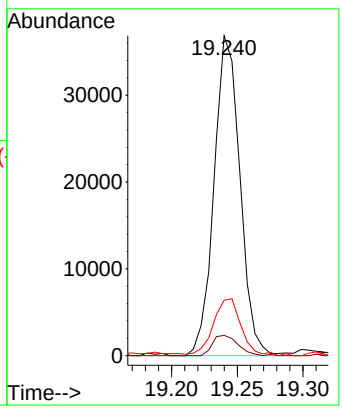


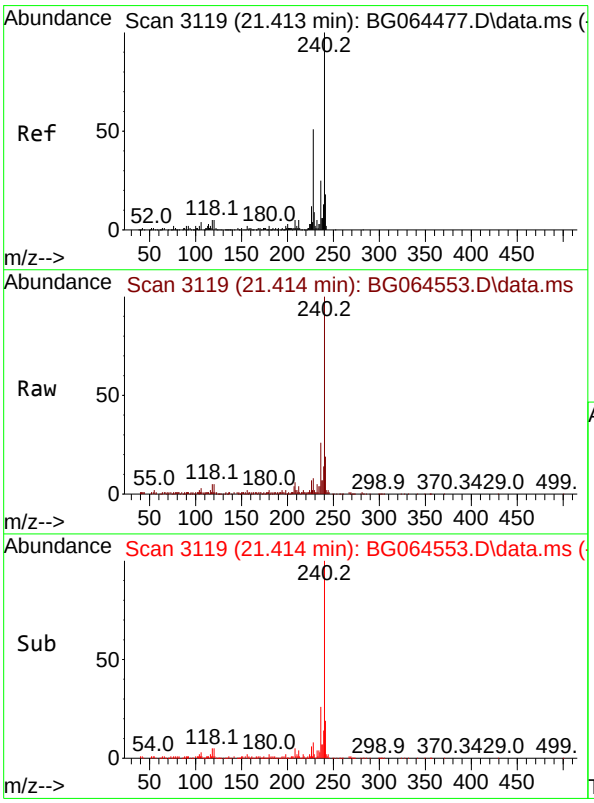
#75
Fluoranthene
Concen: 8.236 ng
RT: 19.240 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:202 Resp: 50540

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	25.7
203	17.3	0.0	36.6

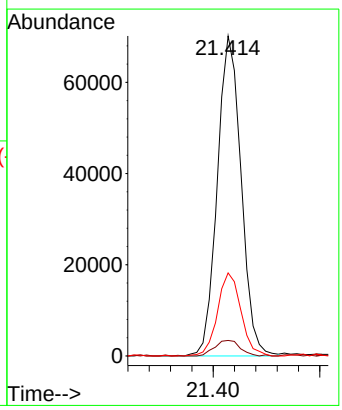


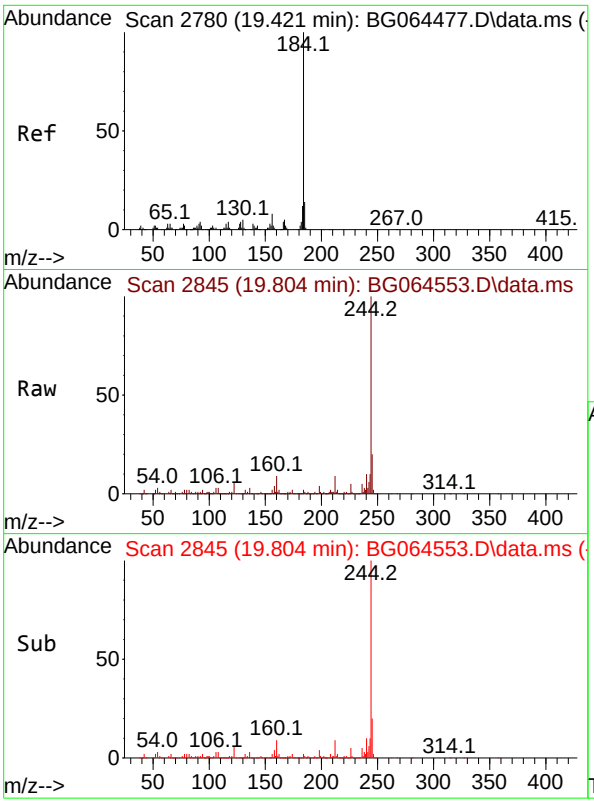


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:240 Resp: 108709

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.3	6.5
236	25.9	20.4	30.6



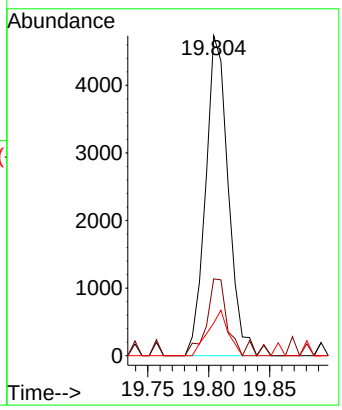


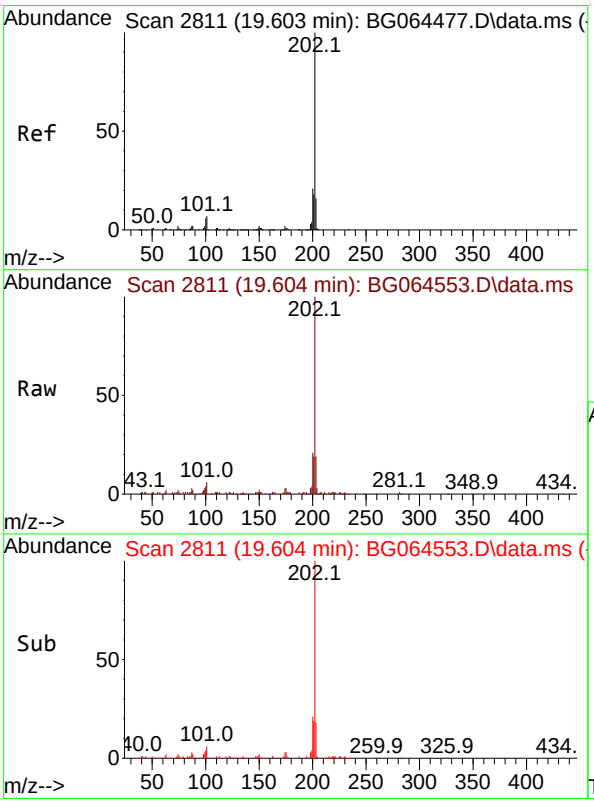
#77
Benzidine
Concen: 2.273 ng
RT: 19.804 min Scan# 2
Delta R.T. 0.379 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:184 Resp: 6148

Ion	Ratio	Lower	Upper
184	100		
185	24.0	10.9	16.3#
183	10.2	9.8	14.6

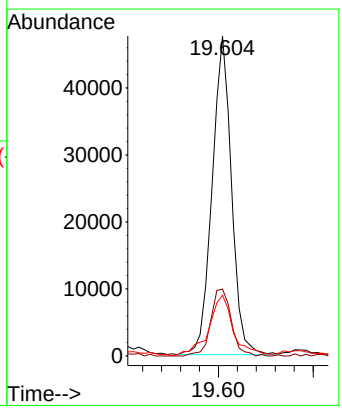


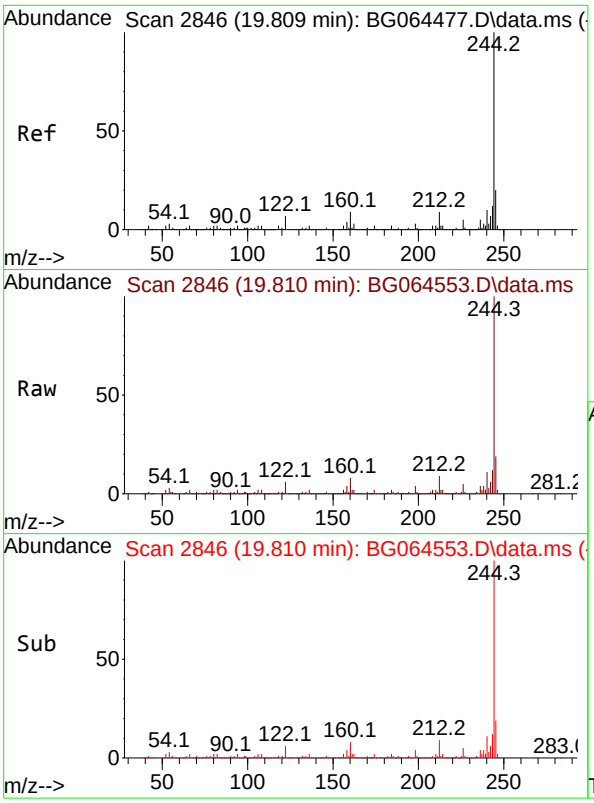


#78
Pyrene
Concen: 9.579 ng
RT: 19.604 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:202 Resp: 67580

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	19.0	13.0	19.4



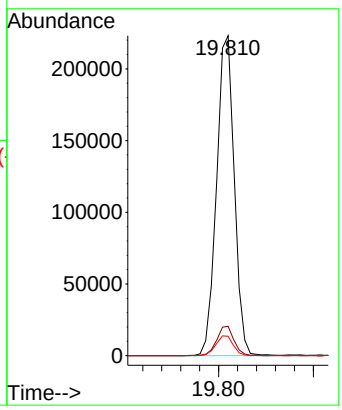


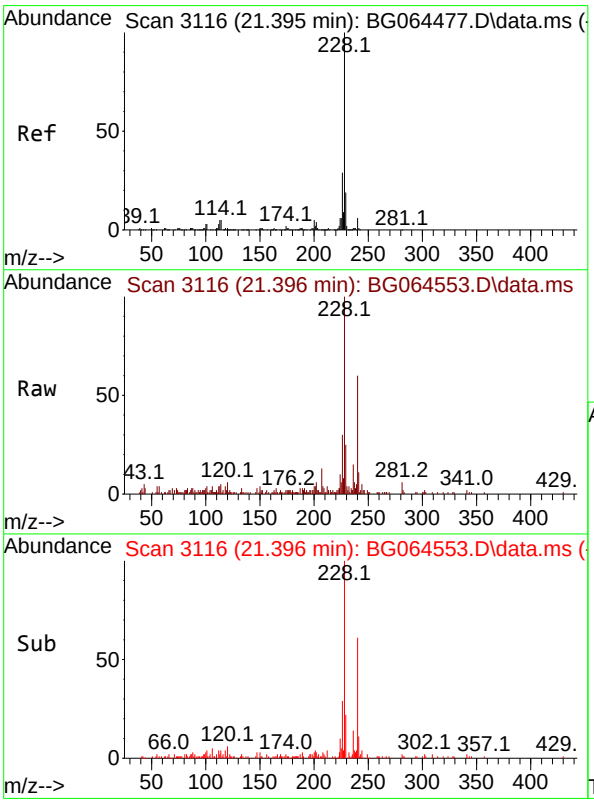
#79
Terphenyl-d14
Concen: 50.452 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:244 Resp: 289806

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	6.0	5.6	8.4

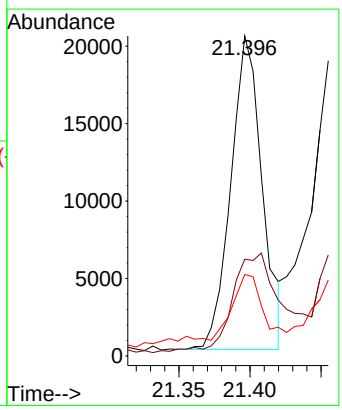


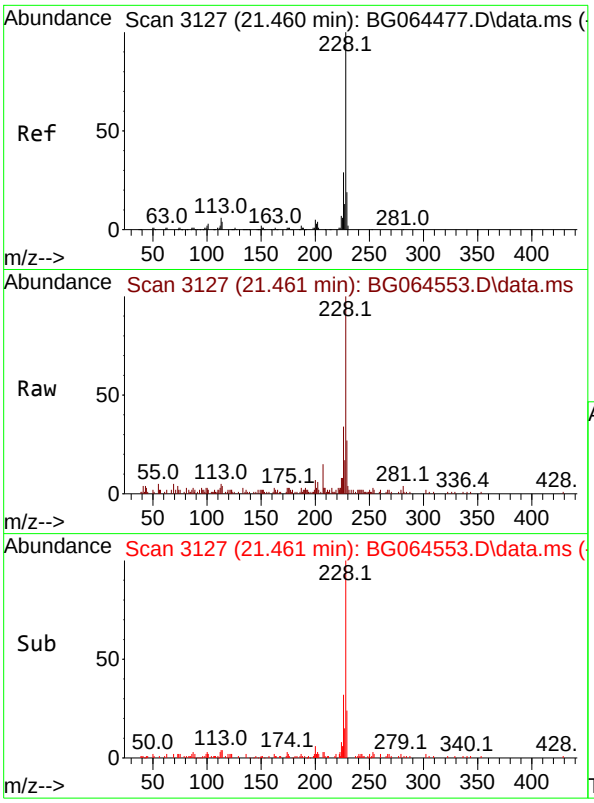


#81
Benzo(a)anthracene
Concen: 4.483 ng
RT: 21.396 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:228 Resp: 31119

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.8	34.2
229	25.5	15.2	22.8#



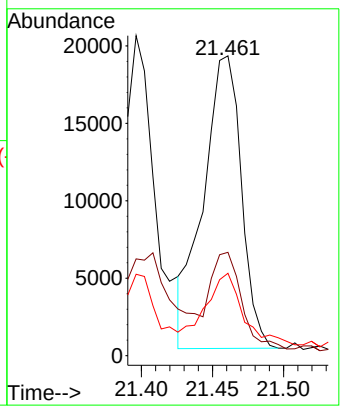


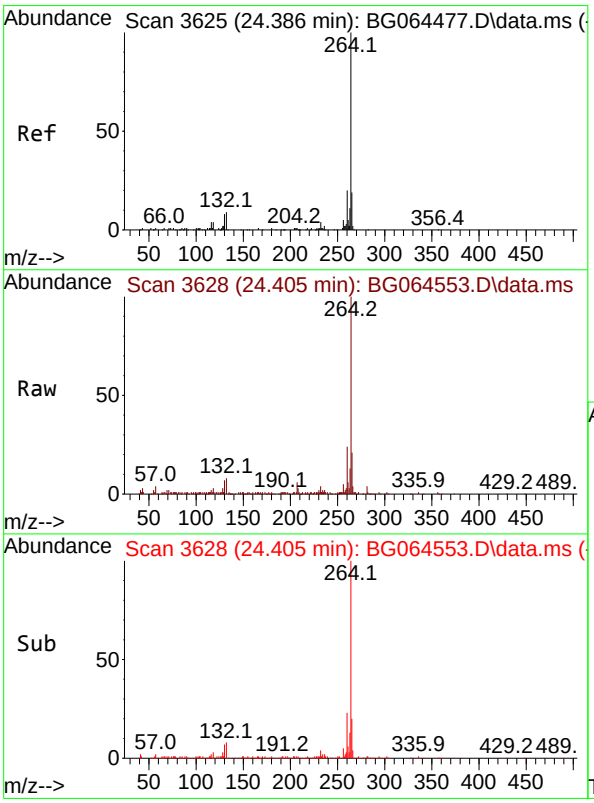
#83
Chrysene
Concen: 5.366 ng
RT: 21.461 min Scan# 3
Delta R.T. 0.009 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:228 Resp: 35320

Ion	Ratio	Lower	Upper
228	100		
226	34.5	22.8	34.2#
229	27.5	15.4	23.0#

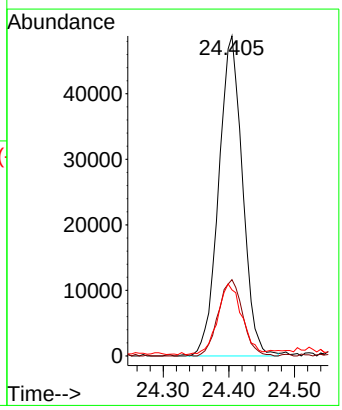


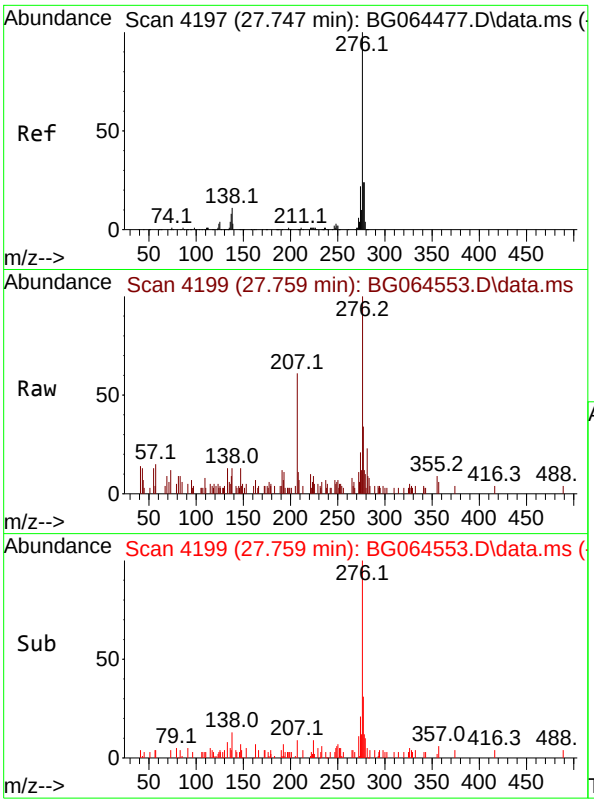


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.405 min Scan# 3628
Delta R.T. 0.015 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:264 Resp: 122870

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.2	24.4
265	20.7	15.0	22.4



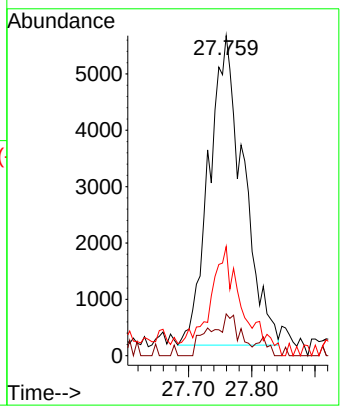


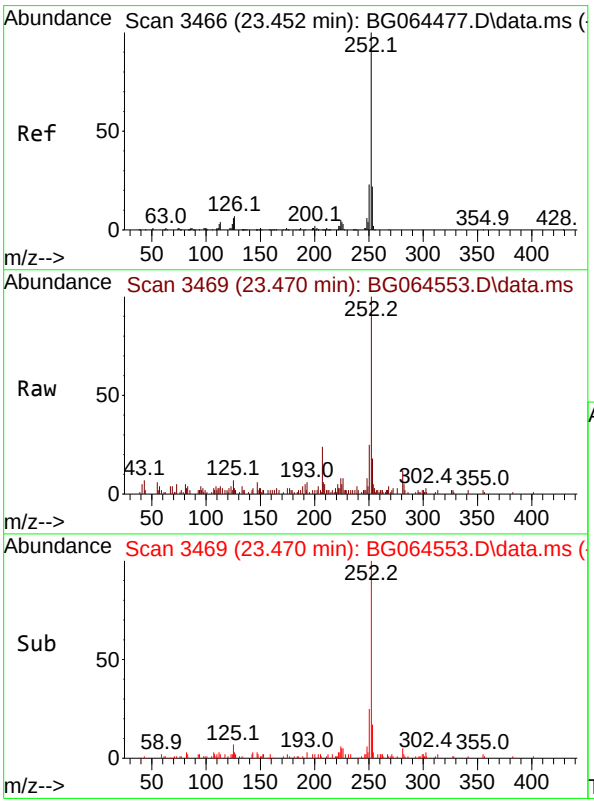
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.440 ng
RT: 27.759 min Scan# 4
Delta R.T. 0.027 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:276 Resp: 20868

Ion	Ratio	Lower	Upper
276	100		
138	5.9	10.8	16.2#
277	34.3	20.3	30.5#

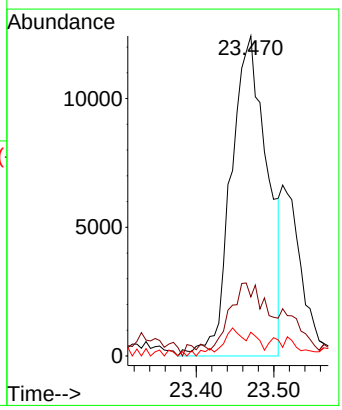


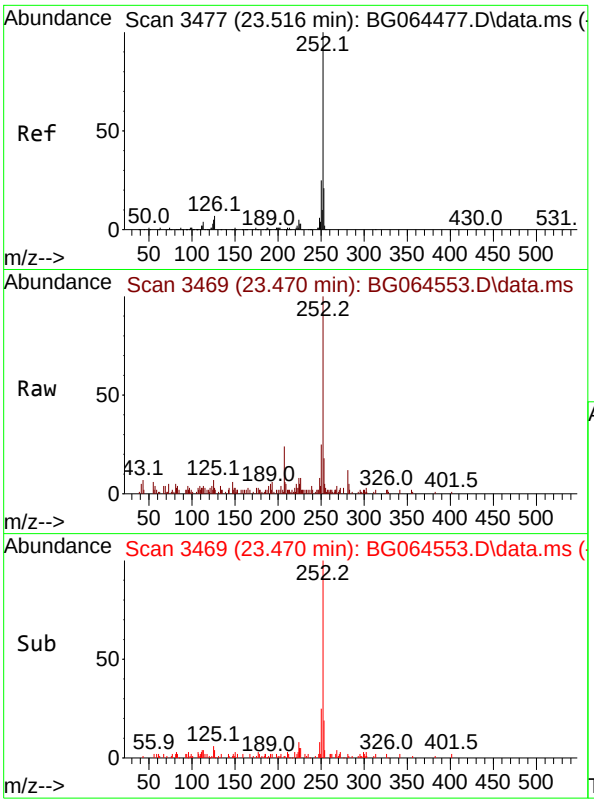


#88
Benzo(b)fluoranthene
Concen: 5.742 ng
RT: 23.470 min Scan# 3469
Delta R.T. 0.021 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:252 Resp: 40140

Ion	Ratio	Lower	Upper
252	100		
253	18.5	17.5	26.3
125	7.4	4.5	6.7#



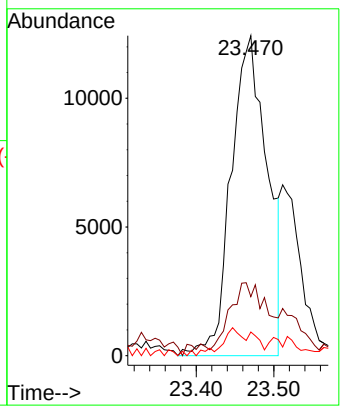


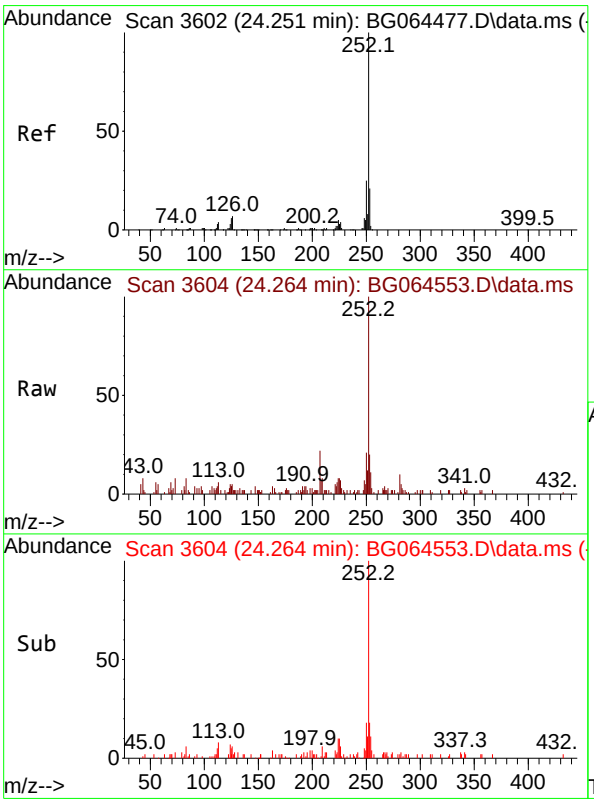
#89
Benzo(k)fluoranthene
Concen: 5.702 ng
RT: 23.470 min Scan# 34
Delta R.T. -0.038 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:252 Resp: 40140

Ion	Ratio	Lower	Upper
252	100		
253	18.5	17.4	26.2
125	7.4	4.0	6.0#

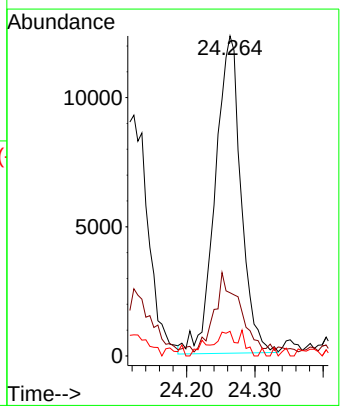


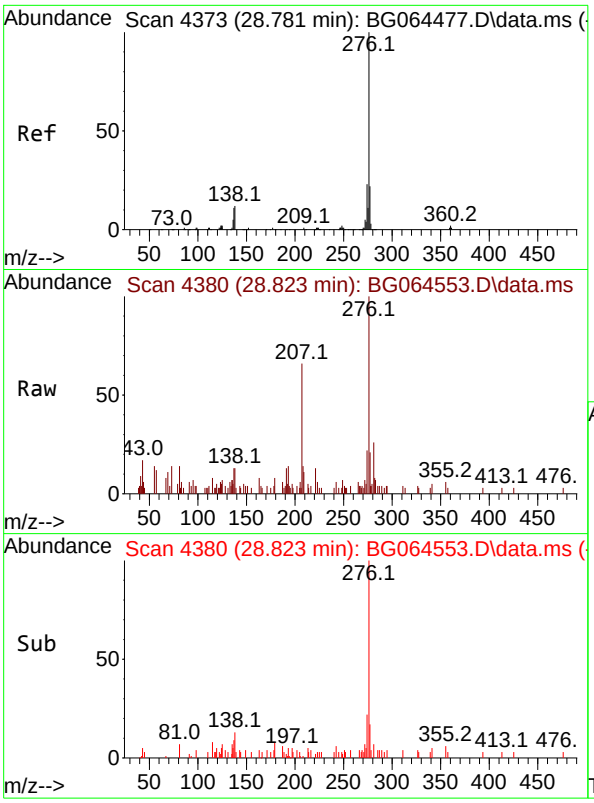


#90
Benzo(a)pyrene
Concen: 5.014 ng
RT: 24.264 min Scan# 3604
Delta R.T. 0.015 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Tgt Ion:252 Resp: 32300

Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.1	25.7
125	7.7	4.6	6.8#





#92
Benzo(g,h,i)perylene
Concen: 3.962 ng
RT: 28.823 min Scan# 4
Delta R.T. 0.056 min
Lab File: BG064553.D
Acq: 20 Oct 2025 17:24

Instrument :
BNA_G
ClientSampleId :
MH-20

Tgt Ion:276 Resp: 26332

Ion	Ratio	Lower	Upper
276	100		
277	20.8	17.8	26.6
138	12.9	9.4	14.0