Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
Data File : BG064926.D
Acq On : 10 Dec 2025 18:32
Operator : RC/JU
Sample : Q3826-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Dec 10 23:36:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	19705	20.000	ng	-0.01
21) Naphthalene-d8	10.967	136	74876	20.000	ng	#-0.02
39) Acenaphthene-d10	14.762	164	64759	20.000	ng	-0.01
64) Phenanthrene-d10	17.494	188	173456	20.000	ng	# 0.00
76) Chrysene-d12	21.742	240	225816	20.000	ng	#-0.01
86) Perylene-d12	25.003	264	254120	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	72589	64.327	ng	0.00
7) Phenol-d6	7.294	99	92148	61.396	ng	-0.01
23) Nitrobenzene-d5	9.316	82	59205	39.095	ng	-0.01
42) 2,4,6-Tribromophenol	16.237	330	113464	89.837	ng	-0.01
45) 2-Fluorobiphenyl	13.393	172	191336	41.227	ng	-0.01
79) Terphenyl-d14	20.079	244	511502	44.557	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.310	70	8025	7.908	ng	# 65
51) 2,6-Dinitrotoluene	14.762	165	8301	8.433	ng	# 21
57) 2,4-Dinitrotoluene	14.762	165	8301	5.625	ng	# 24
63) Azobenzene	16.102	77	11830	2.902	ng	# 1
67) 4-Bromophenyl-phenylether	16.243	248	6329	2.778	ng	# 1
71) Phenanthrene	17.535	178	163703	17.249	ng	99
72) Anthracene	17.535	178	163703	16.917	ng	99
75) Fluoranthene	19.533	202	368684	28.409	ng	98
78) Pyrene	19.891	202	327263	25.858	ng	97
81) Benzo(a)anthracene	21.725	228	179676	11.702	ng	97
83) Chrysene	21.789	228	195015	13.472	ng	98
87) Indeno(1,2,3-cd)pyrene	28.716	276	129668	7.427	ng	# 95
88) Benzo(b)fluoranthene	23.963	252	260297	16.096	ng	# 97
89) Benzo(k)fluoranthene	23.963	252	260297	16.021	ng	# 96
90) Benzo(a)pyrene	24.698	252	124310	8.287	ng	94
92) Benzo(g,h,i)perylene	29.868	276	130472	9.479	ng	# 97

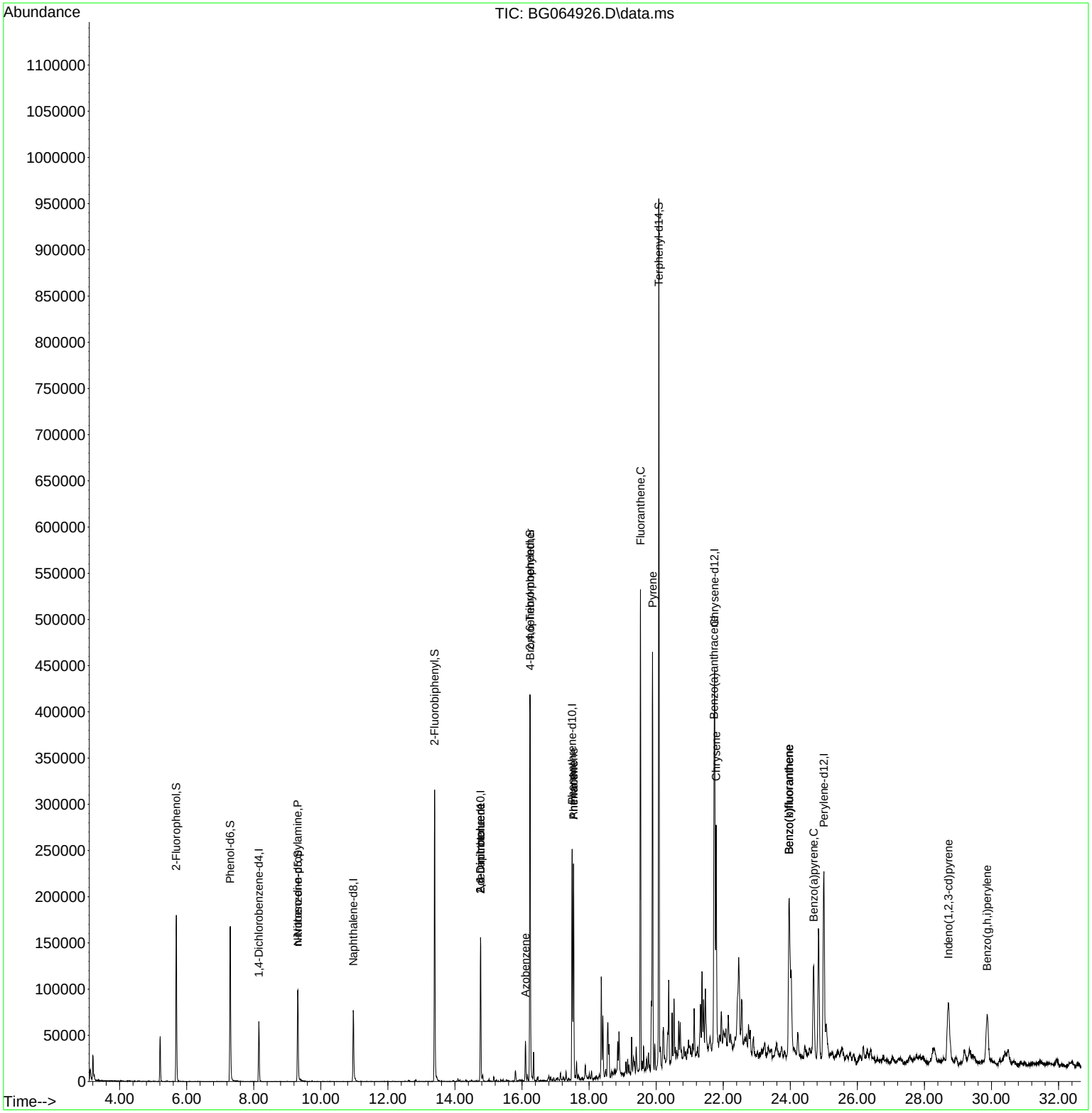
(#) = qualifier out of range (m) = manual integration (+) = signals summed

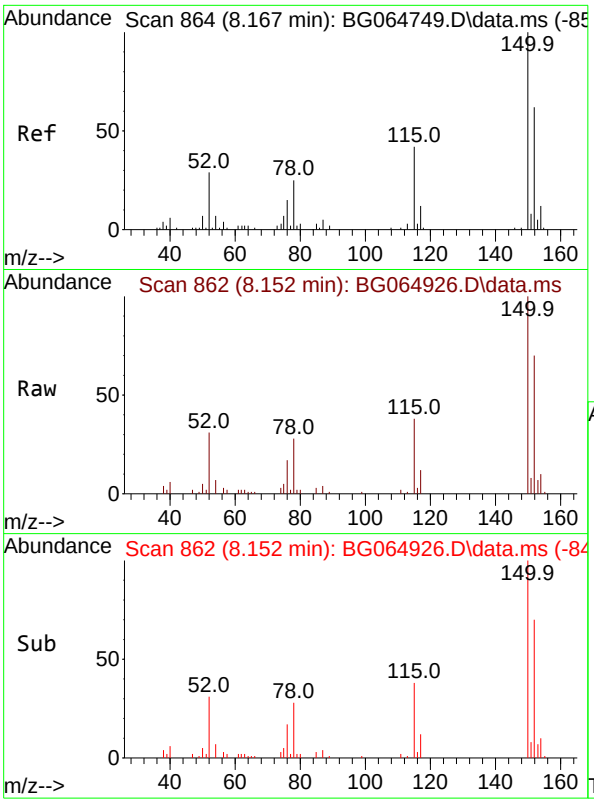
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
Data File : BG064926.D
Acq On : 10 Dec 2025 18:32
Operator : RC/JU
Sample : Q3826-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Dec 10 23:36:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



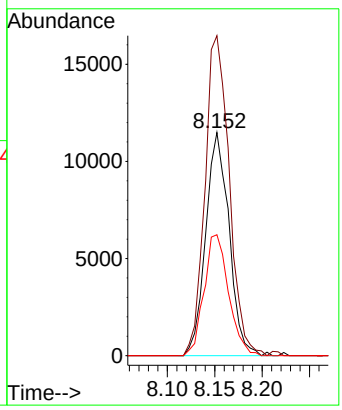


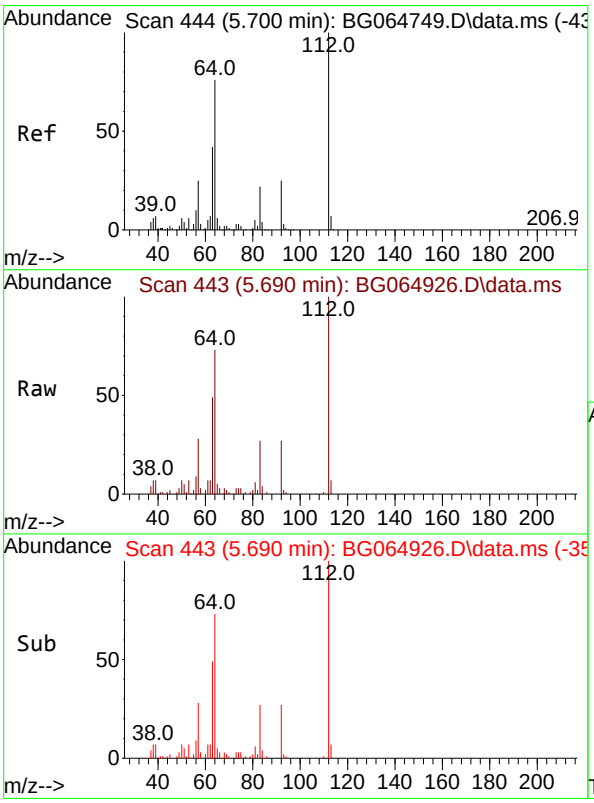
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 8
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 19705

Ion	Ratio	Lower	Upper
152	100		
150	143.3	129.2	193.8
115	54.2	53.7	80.5

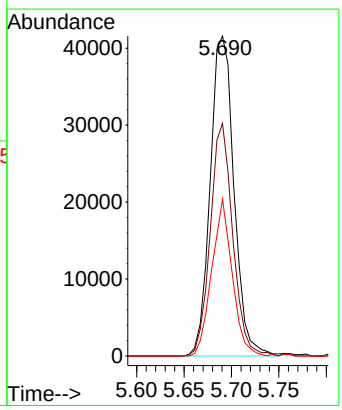


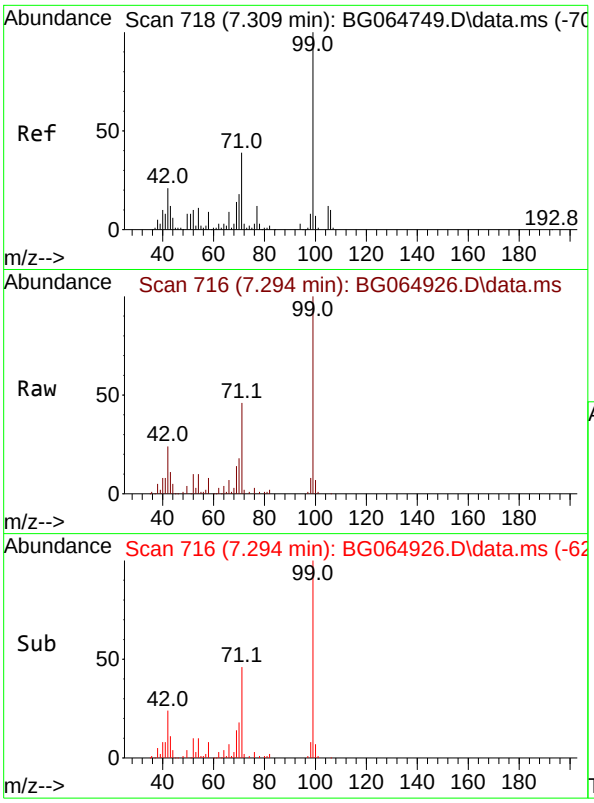


#5
2-Fluorophenol
Concen: 64.327 ng
RT: 5.690 min Scan# 443
Delta R.T. -0.009 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:112 Resp: 72589

Ion	Ratio	Lower	Upper
112	100		
64	72.7	61.0	91.4
63	49.0	33.3	49.9



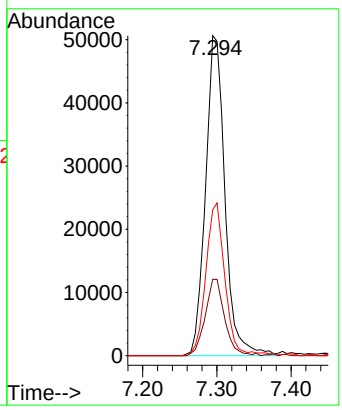


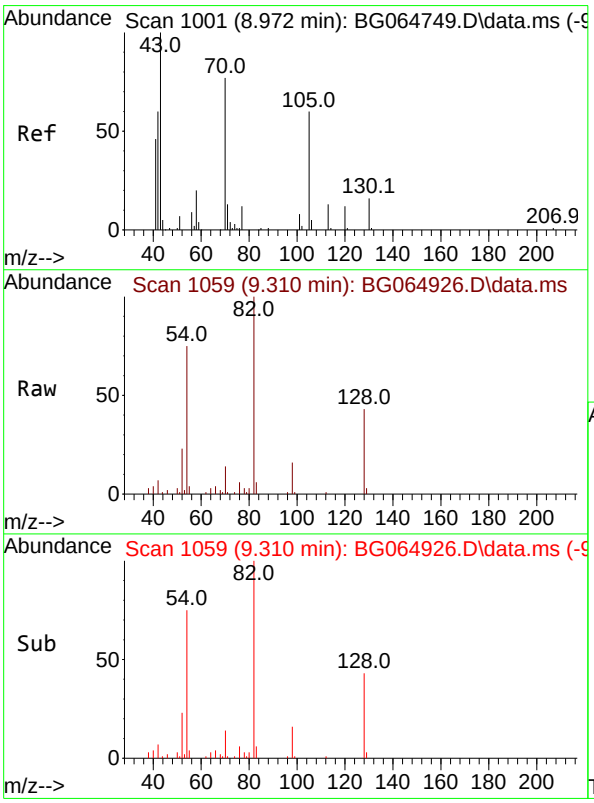
#7
Phenol-d6
Concen: 61.396 ng
RT: 7.294 min Scan# 71
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 92148

Ion	Ratio	Lower	Upper
99	100		
42	23.9	16.8	25.2
71	45.7	31.1	46.7

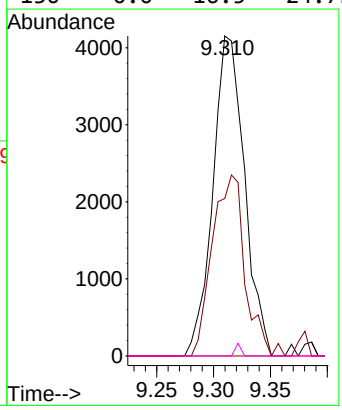


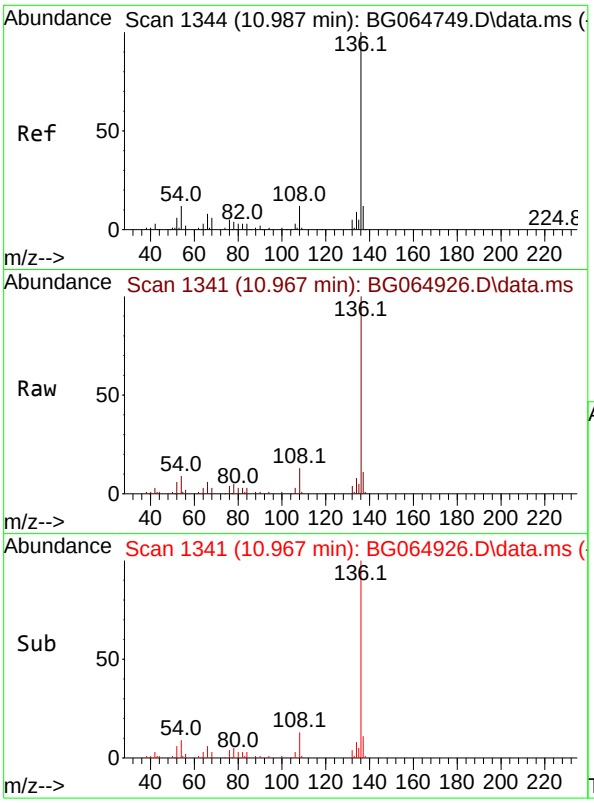


#19
n-Nitroso-di-n-propylamine
Concen: 7.908 ng
RT: 9.310 min Scan# 1059
Delta R.T. 0.338 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion: 70 Resp: 8025

Ion	Ratio	Lower	Upper
70	100		
42	49.2	62.6	93.8#
101	0.0	8.0	12.0#
130	0.0	16.5	24.7#



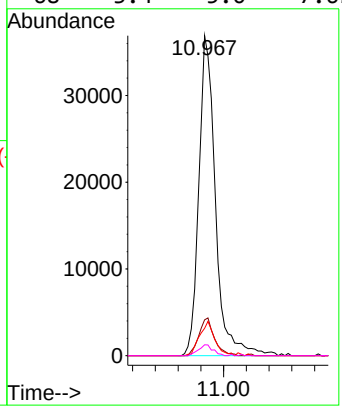


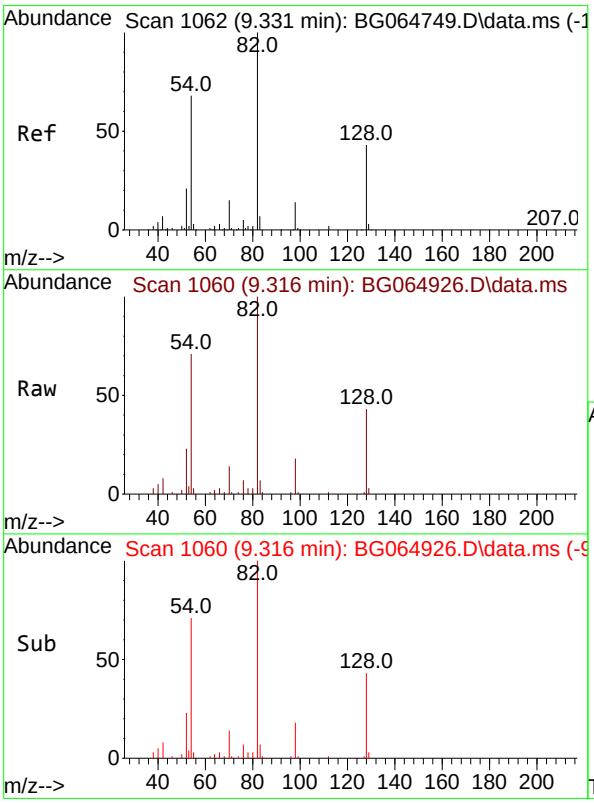
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 74876

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	9.3	9.3	13.9
68	3.4	5.0	7.6#

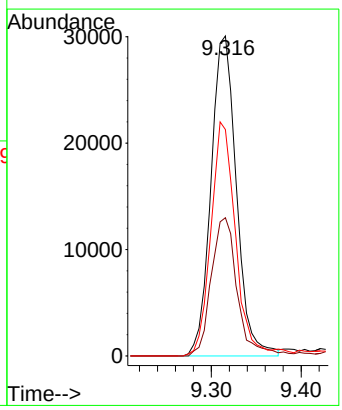


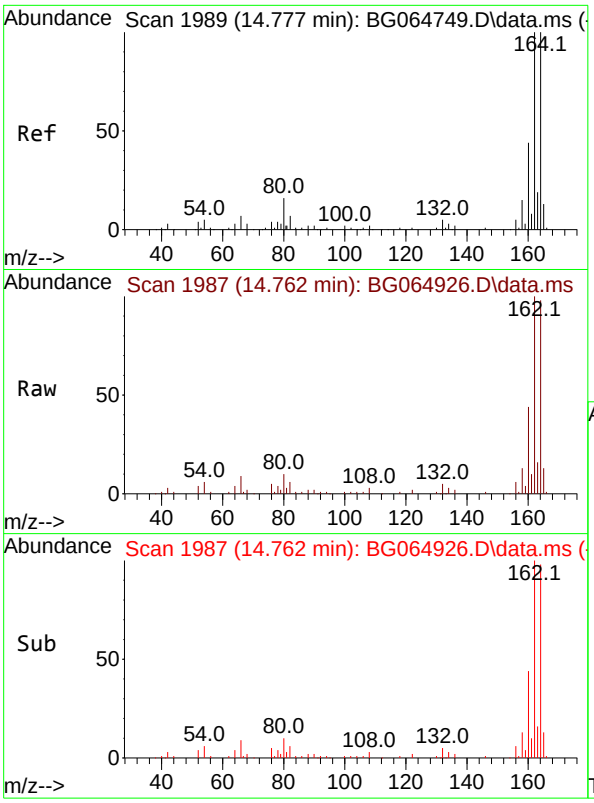


#23
Nitrobenzene-d5
Concen: 39.095 ng
RT: 9.316 min Scan# 1060
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion: 82 Resp: 59205

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.1	51.1
54	70.8	54.3	81.5



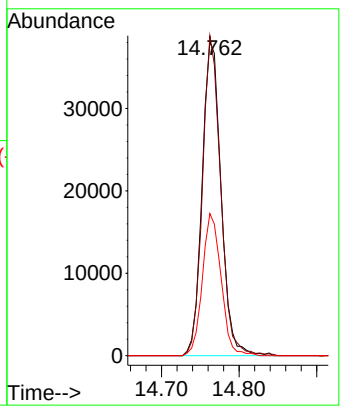


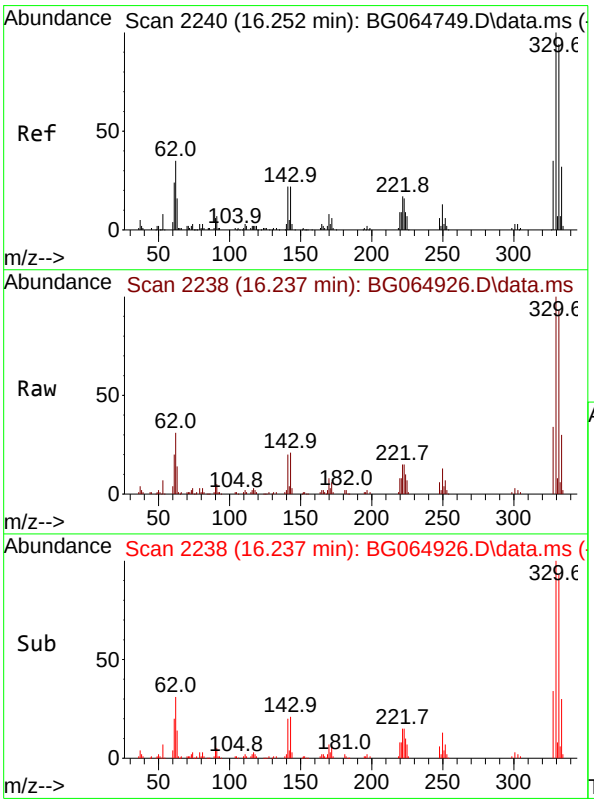
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:164 Resp: 64759

Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.8	119.6
160	45.3	34.9	52.3

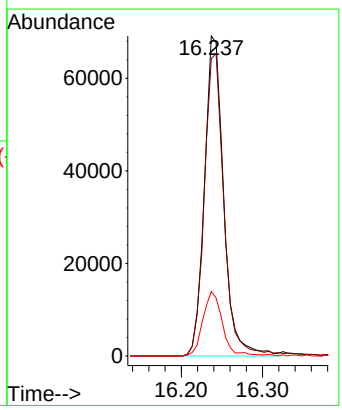


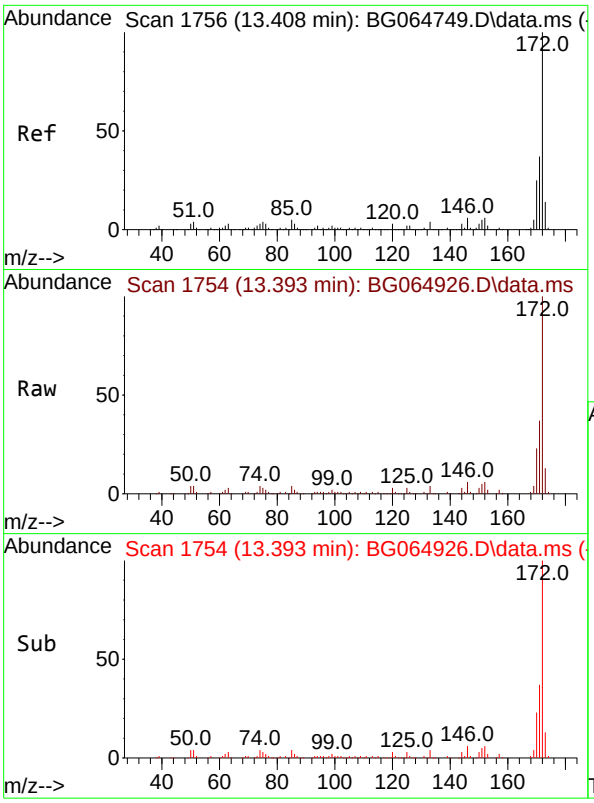


#42
2,4,6-Tribromophenol
Concen: 89.837 ng
RT: 16.237 min Scan# 2238
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:330 Resp: 113464

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	20.5	18.2	27.2



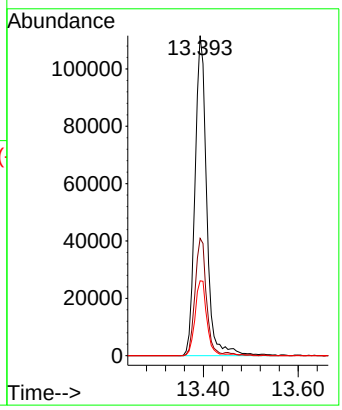


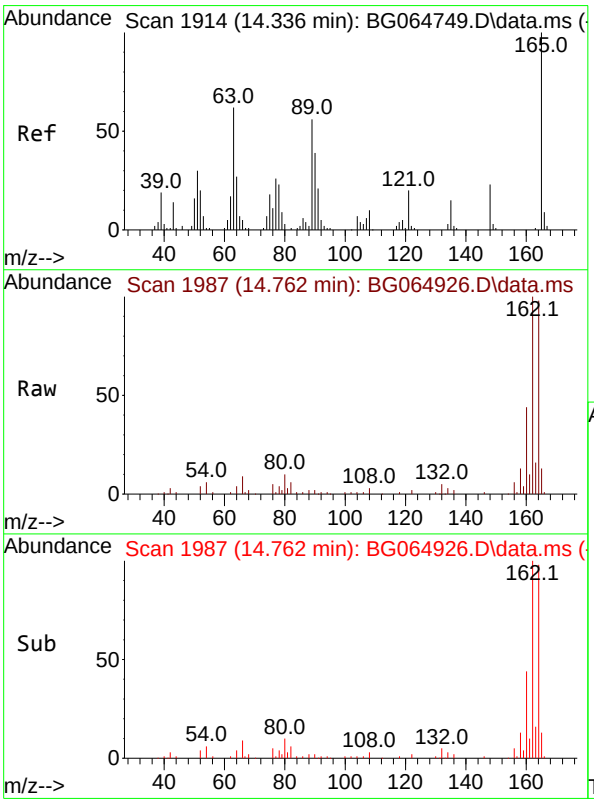
#45
2-Fluorobiphenyl
Concen: 41.227 ng
RT: 13.393 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:172 Resp: 191336

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	23.4	19.8	29.6

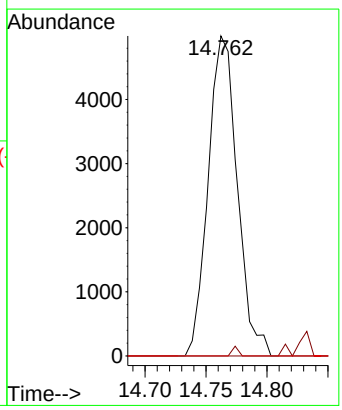


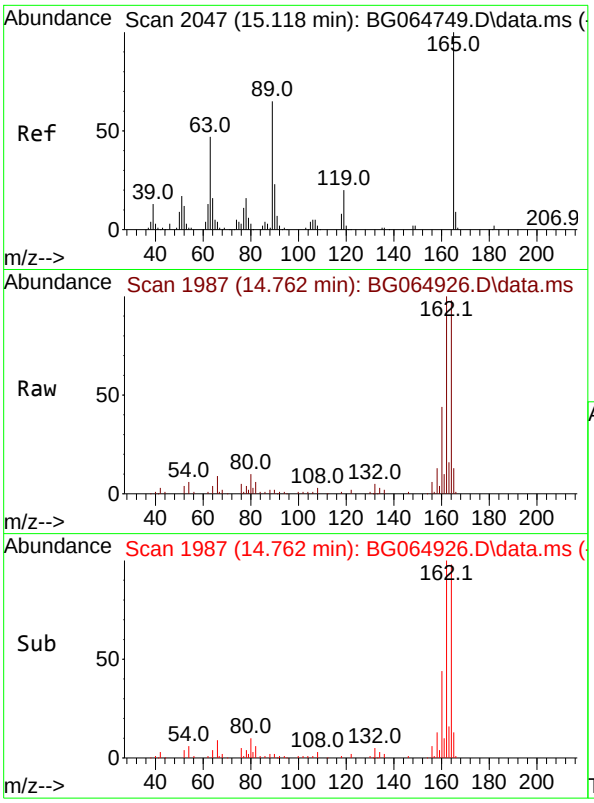


#51
2,6-Dinitrotoluene
Concen: 8.433 ng
RT: 14.762 min Scan# 1987
Delta R.T. 0.426 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:165 Resp: 8301

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.8	74.8#
89	0.0	45.0	67.4#



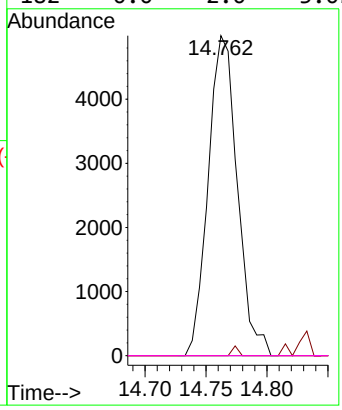


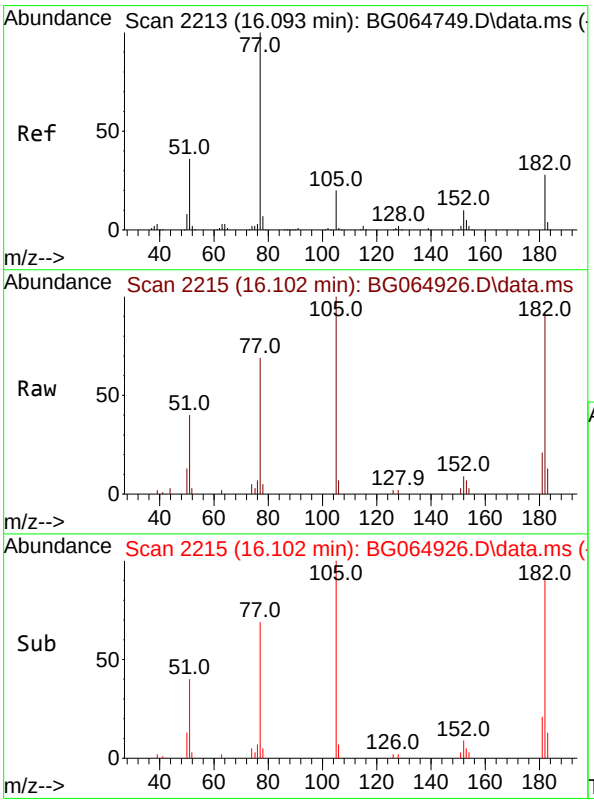
#57
2,4-Dinitrotoluene
Concen: 5.625 ng
RT: 14.762 min Scan# 1
Delta R.T. -0.356 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 8301

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.8	56.6#
89	0.0	51.6	77.4#
182	0.0	2.0	3.0#

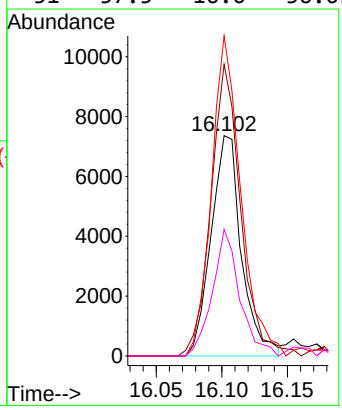


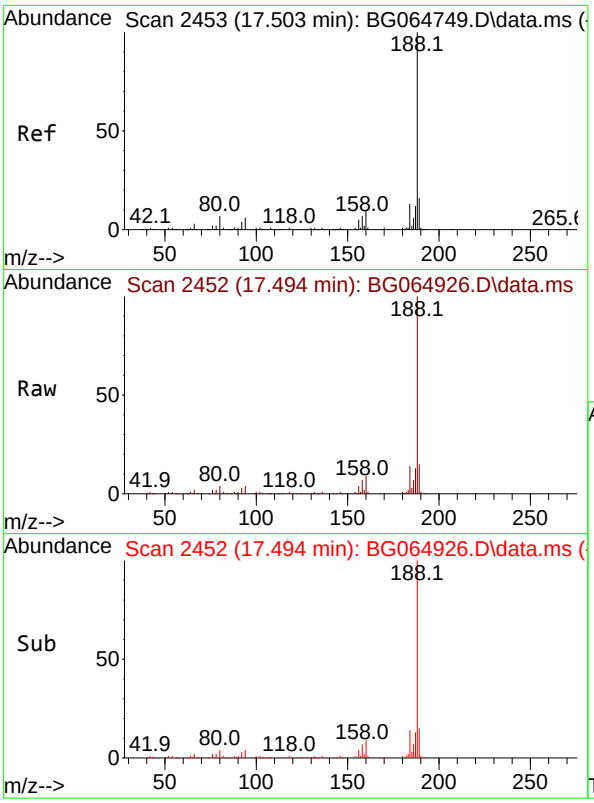


#63
Azobenzene
Concen: 2.902 ng
RT: 16.102 min Scan# 2215
Delta R.T. 0.009 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion: 77 Resp: 11830

Ion	Ratio	Lower	Upper
77	100		
182	132.3	8.1	48.1#
105	145.2	0.1	40.1#
51	57.5	16.0	56.0#



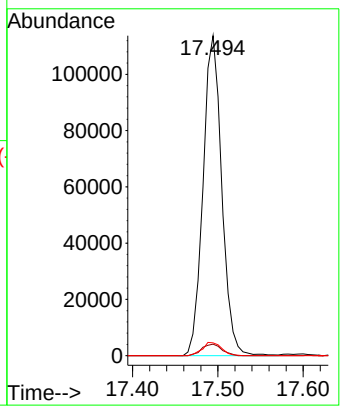


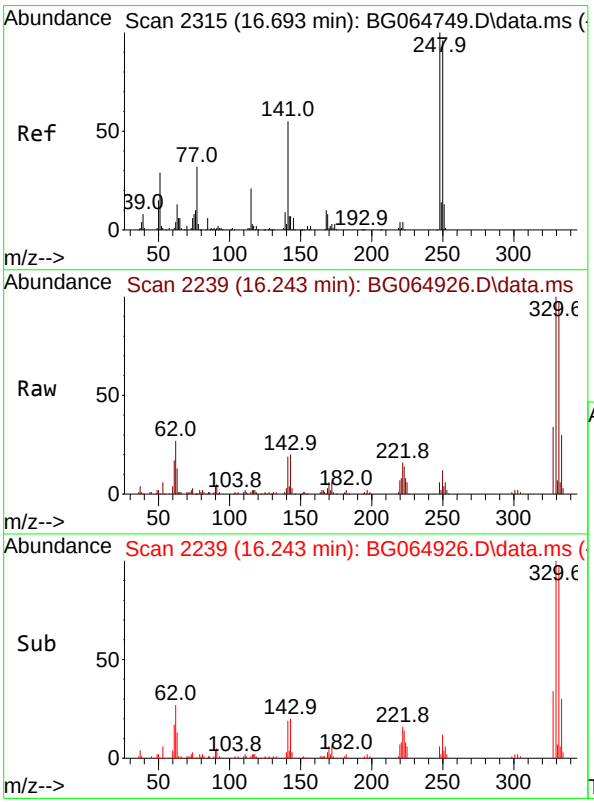
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:188 Resp: 173456

Ion	Ratio	Lower	Upper
188	100		
94	3.6	4.7	7.1#
80	4.0	5.4	8.2#

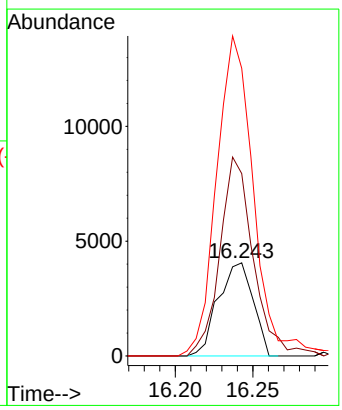


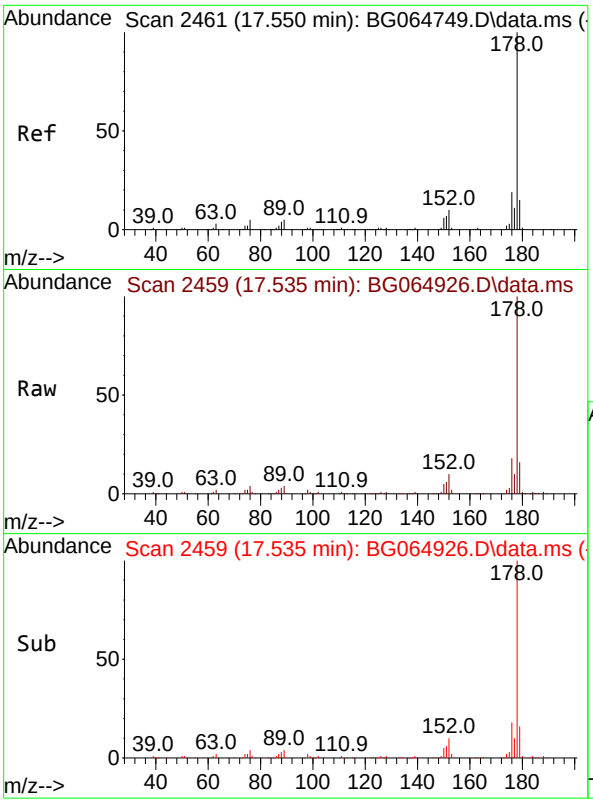


#67
4-Bromophenyl-phenylether
Concen: 2.778 ng
RT: 16.243 min Scan# 2239
Delta R.T. -0.450 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:248 Resp: 6329

Ion	Ratio	Lower	Upper
248	100		
250	196.0	77.0	115.6#
141	235.2	43.7	65.5#



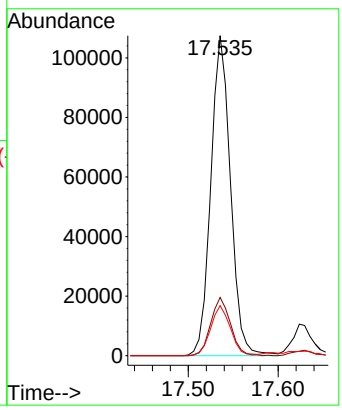


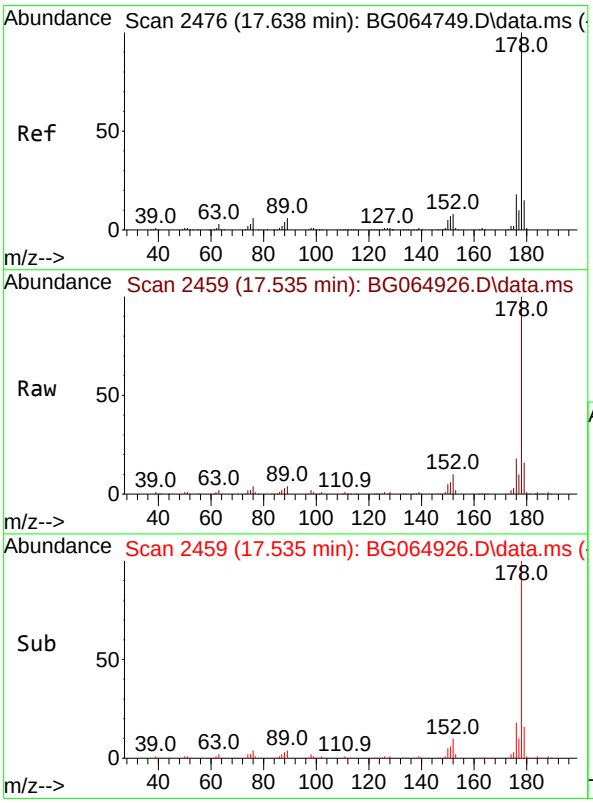
#71
Phenanthrene
Concen: 17.249 ng
RT: 17.535 min Scan# 24
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:178 Resp: 163703

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.7	12.2	18.4

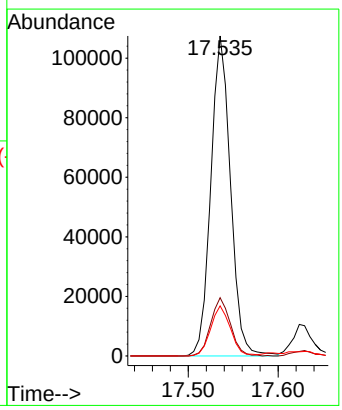


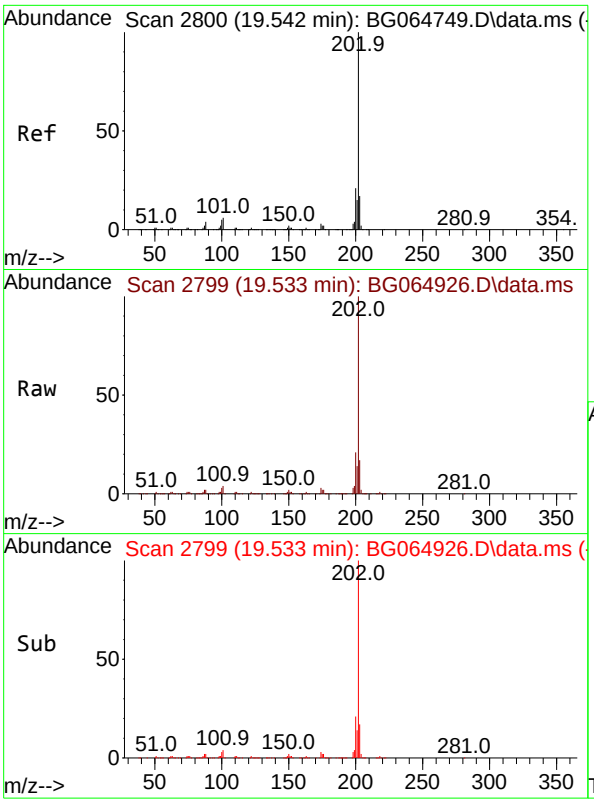


#72
Anthracene
Concen: 16.917 ng
RT: 17.535 min Scan# 2459
Delta R.T. -0.103 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:178 Resp: 163703

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.7	12.2	18.4



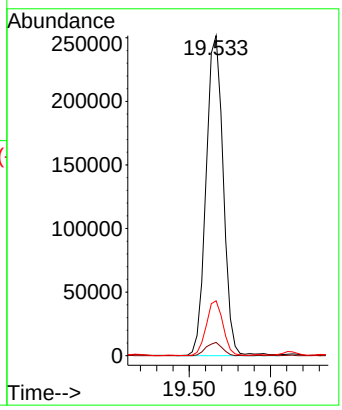


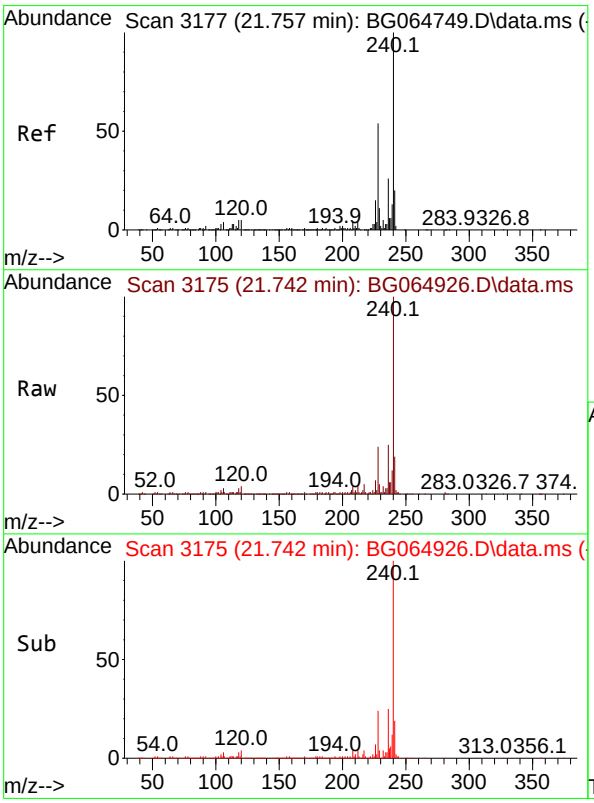
#75
Fluoranthene
Concen: 28.409 ng
RT: 19.533 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:202 Resp: 368684

Ion	Ratio	Lower	Upper
202	100		
101	4.2	0.0	26.4
203	17.2	0.0	37.5

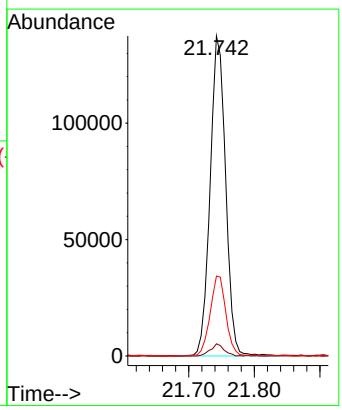


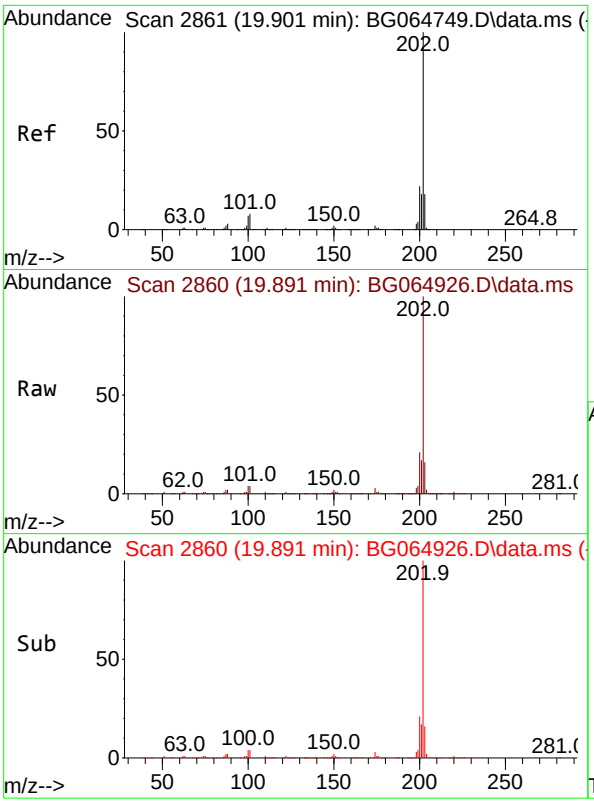


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:240 Resp: 225816

Ion	Ratio	Lower	Upper
240	100		
120	3.8	4.2	6.4#
236	24.9	20.8	31.2



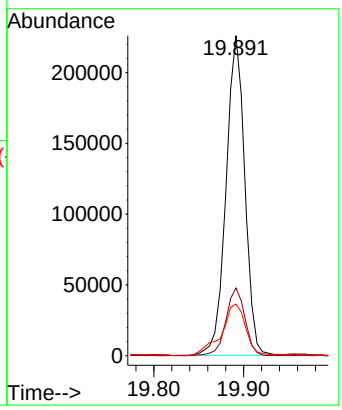


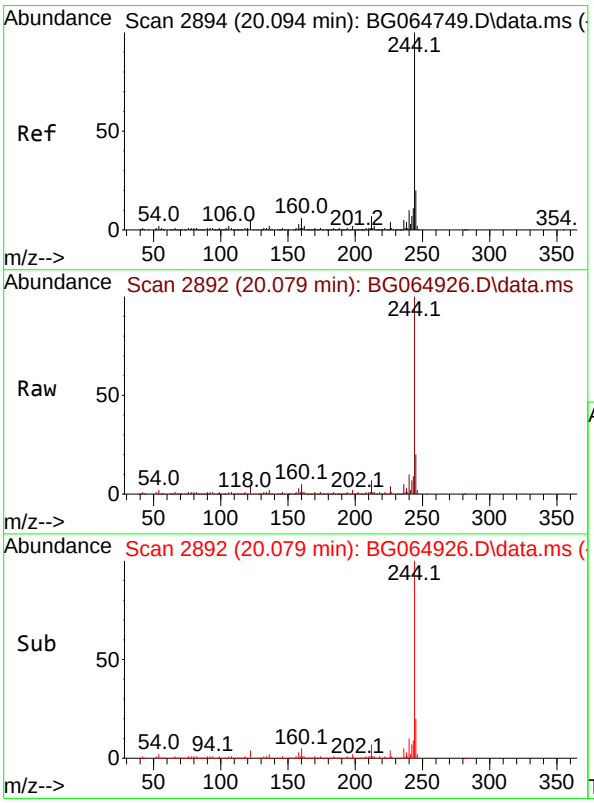
#78
Pyrene
Concen: 25.858 ng
RT: 19.891 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:202 Resp: 327263

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.9	26.9
203	16.1	14.0	21.0

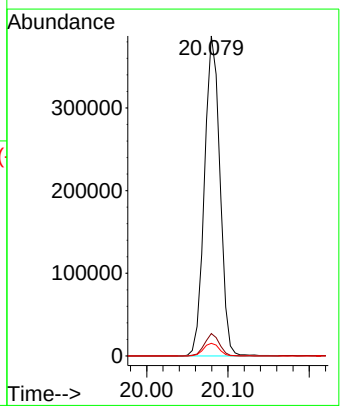


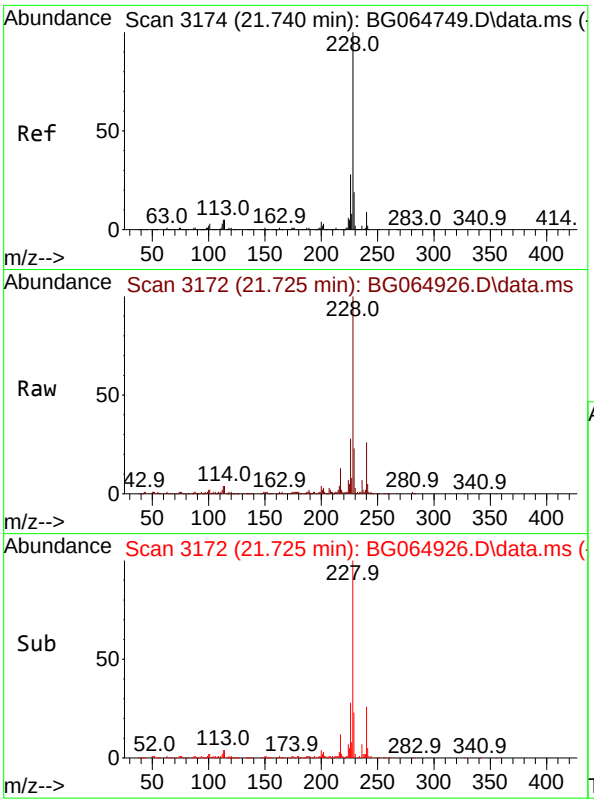


#79
Terphenyl-d14
Concen: 44.557 ng
RT: 20.079 min Scan# 2892
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:244 Resp: 511502

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	4.0	4.3	6.5#



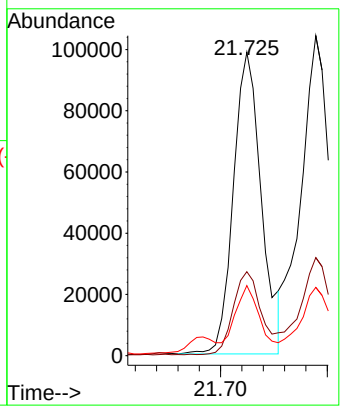


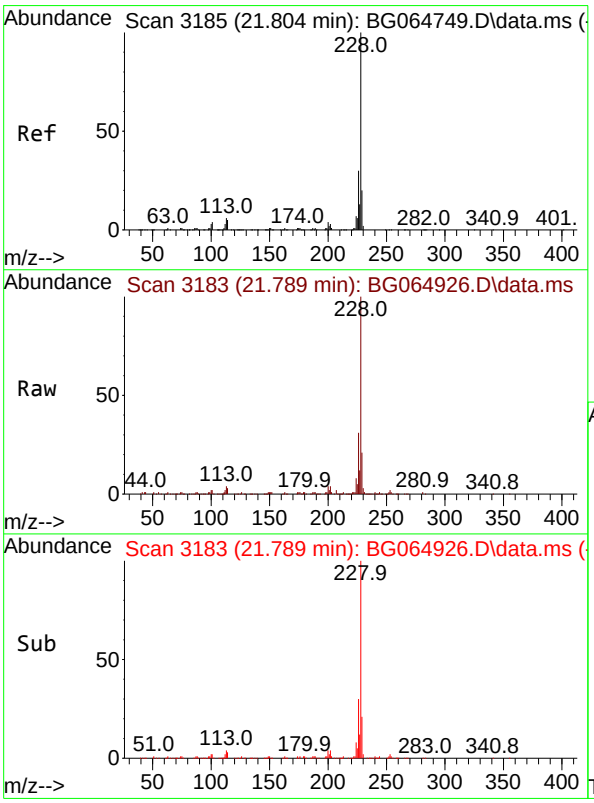
#81
Benzo(a)anthracene
Concen: 11.702 ng
RT: 21.725 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:228 Resp: 179676

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	23.1	15.5	23.3

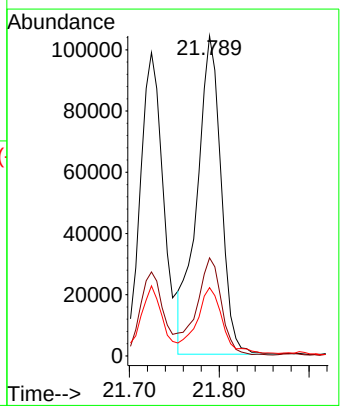


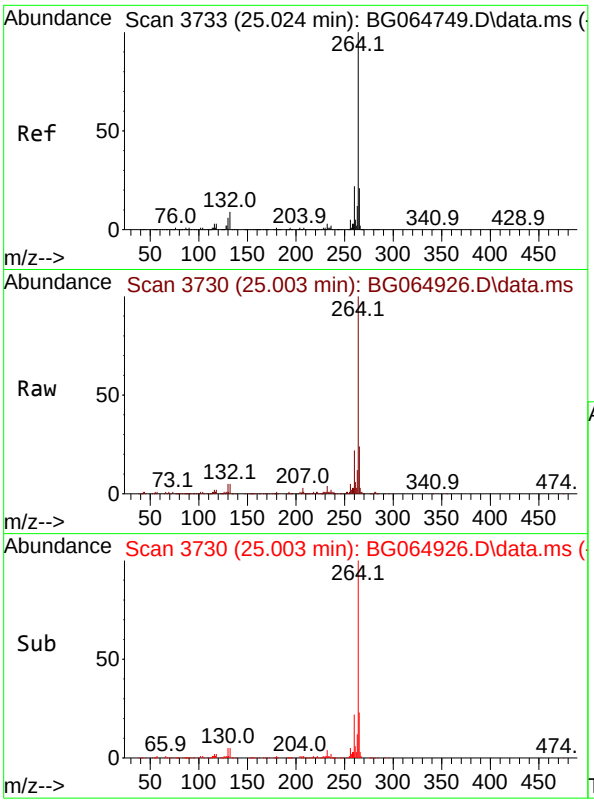


#83
Chrysene
Concen: 13.472 ng
RT: 21.789 min Scan# 3183
Delta R.T. -0.015 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:228 Resp: 195015

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	21.4	16.0	24.0



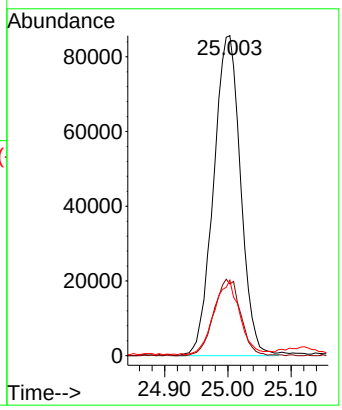


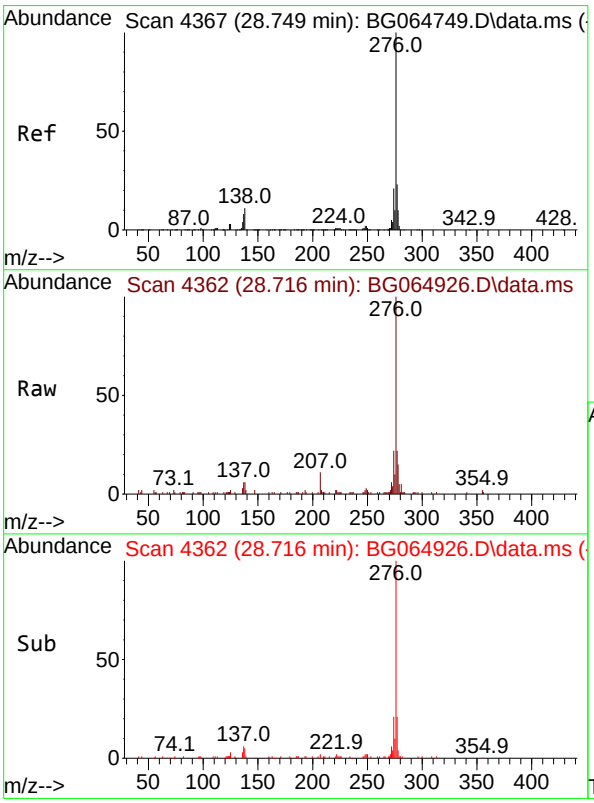
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3
Delta R.T. -0.021 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 254120

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.2	25.8
265	23.6	16.6	25.0

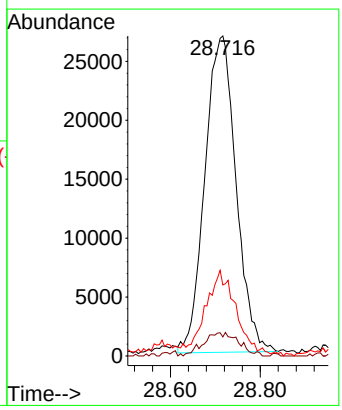


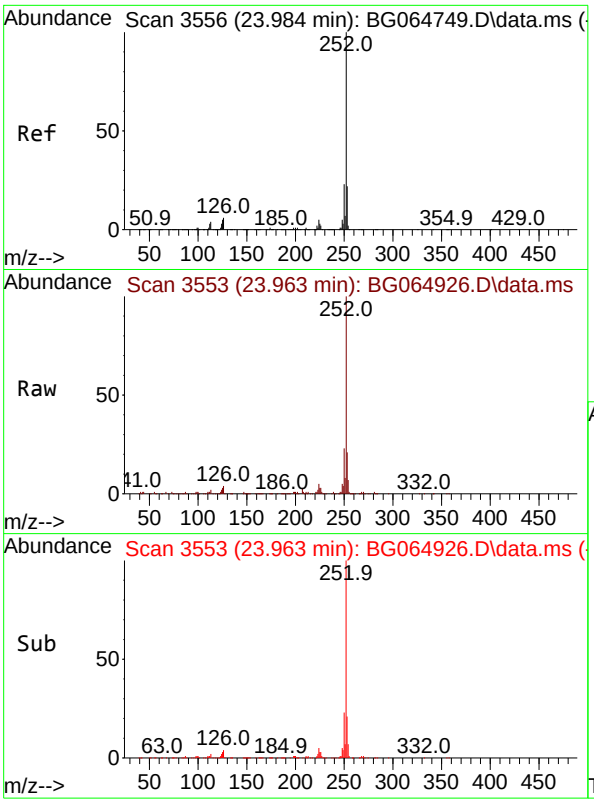


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.427 ng
RT: 28.716 min Scan# 4362
Delta R.T. -0.033 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:276 Resp: 129668

Ion	Ratio	Lower	Upper
276	100		
138	8.1	4.5	6.7#
277	22.5	20.0	30.0



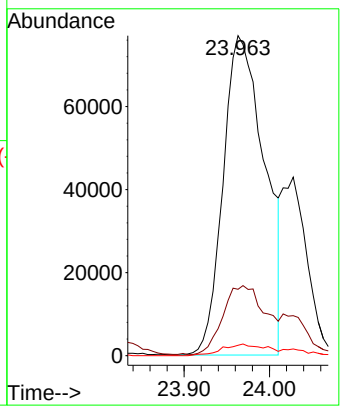


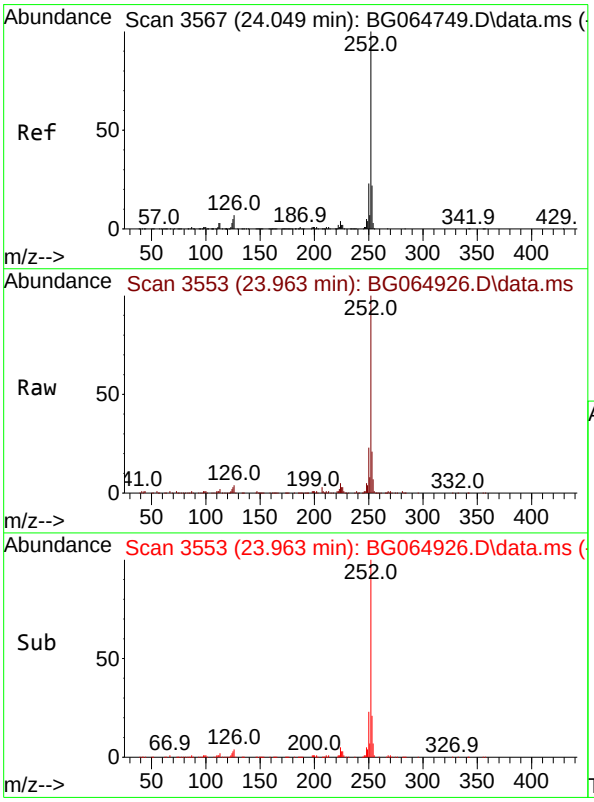
#88
Benzo(b)fluoranthene
Concen: 16.096 ng
RT: 23.963 min Scan# 3
Delta R.T. -0.021 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:252 Resp: 260297

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.4	26.2
125	3.3	4.2	6.2#

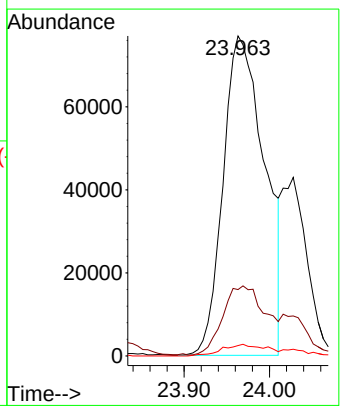


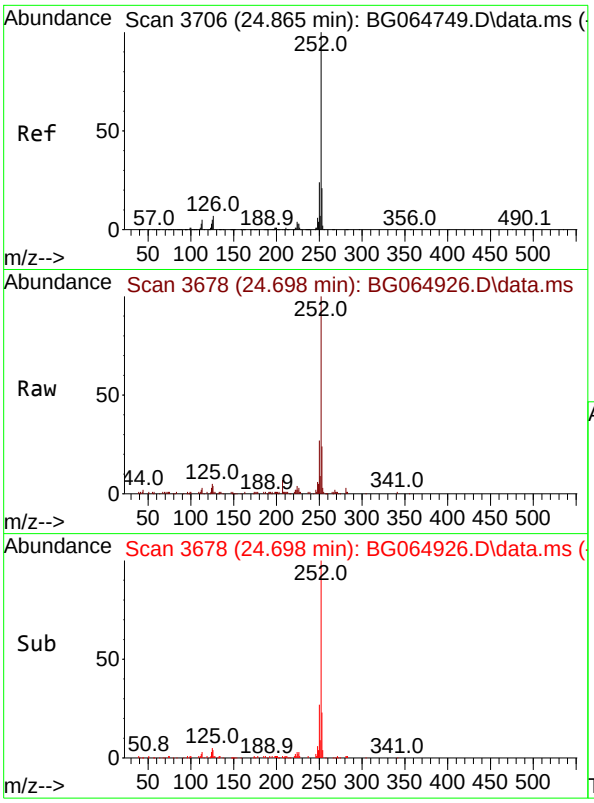


#89
Benzo(k)fluoranthene
Concen: 16.021 ng
RT: 23.963 min Scan# 3553
Delta R.T. -0.085 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:252 Resp: 260297

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.8
125	3.3	4.1	6.1#



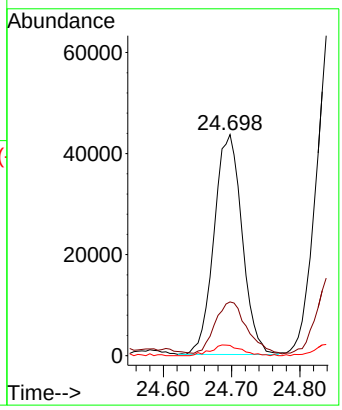


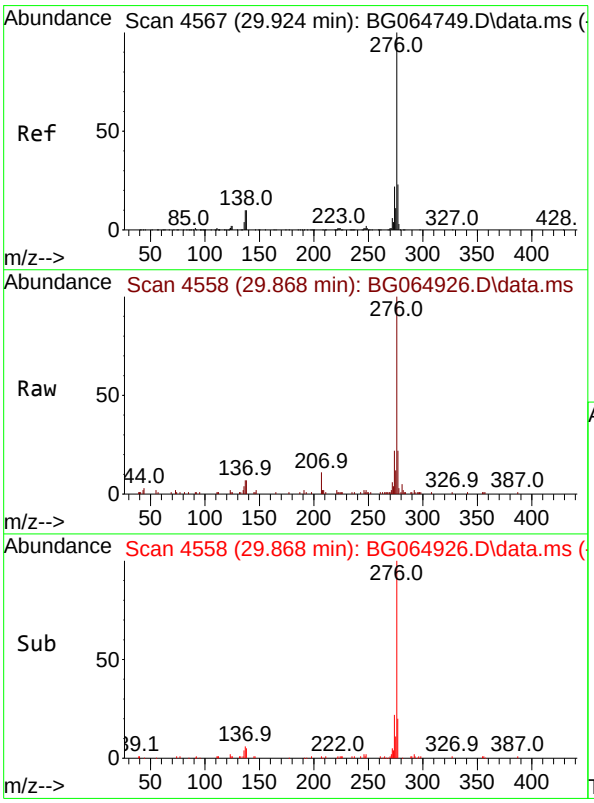
#90
Benzo(a)pyrene
Concen: 8.287 ng
RT: 24.698 min Scan# 3
Delta R.T. -0.168 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:252 Resp: 124310

Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.9	25.3
125	4.6	4.2	6.4





#92
Benzo(g,h,i)perylene
Concen: 9.479 ng
RT: 29.868 min Scan# 4558
Delta R.T. -0.056 min
Lab File: BG064926.D
Acq: 10 Dec 2025 18:32

Tgt Ion:276 Resp: 130472

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.0	27.0
138	6.5	8.2	12.2#