Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064766.D
Acq On : 13 Nov 2025 21:27
Operator : RC/JU
Sample : Q3614-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 05:04:26 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	8.161	152	37846	20.000	ng		0.00
21) Naphthalene-d8	10.982	136	144314	20.000	ng		0.00
39) Acenaphthene-d10	14.771	164	117322	20.000	ng		0.00
64) Phenanthrene-d10	17.497	188	277033	20.000	ng		0.00
76) Chrysene-d12	21.751	240	316134	20.000	ng		0.00
86) Perylene-d12	25.006	264	333844	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.700	112	196887	90.844	ng		0.00
7) Phenol-d6	7.304	99	254076	88.141	ng		0.00
23) Nitrobenzene-d5	9.325	82	160721	55.064	ng		0.00
42) 2,4,6-Tribromophenol	16.246	330	187987	82.157	ng		0.00
45) 2-Fluorobiphenyl	13.402	172	451983	53.756	ng		0.00
79) Terphenyl-d14	20.089	244	982055	61.107	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.220	88	4217	5.026	ng	#	1
19) n-Nitroso-di-n-propyla...	9.325	70	21218	10.886	ng	#	67
51) 2,6-Dinitrotoluene	14.771	165	15369	8.618	ng	#	23
56) 4-Nitrophenol	15.171	139	4277	3.063	ng	#	1
57) 2,4-Dinitrotoluene	14.771	165	15369	5.749	ng	#	26
58) Fluorene	15.811	166	17989	2.040	ng		94
63) Azobenzene	16.111	77	25342	3.432	ng	#	1
67) 4-Bromophenyl-phenylether	16.246	248	12019	3.304	ng	#	1
71) Phenanthrene	17.544	178	220996	14.580	ng		100
72) Anthracene	17.633	178	56463	3.653	ng		99
75) Fluoranthene	19.536	202	223744	10.795	ng		99
78) Pyrene	19.895	202	170056	9.598	ng		97
81) Benzo(a)anthracene	21.728	228	96150	4.473	ng		98
83) Chrysene	21.792	228	77786	3.838	ng		96
88) Benzo(b)fluoranthene	23.972	252	91404	4.302	ng		96
89) Benzo(k)fluoranthene	23.972	252	91404	4.282	ng		96
90) Benzo(a)pyrene	24.848	252	60047	3.047	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064766.D
Acq On : 13 Nov 2025 21:27
Operator : RC/JU
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Misc :
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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
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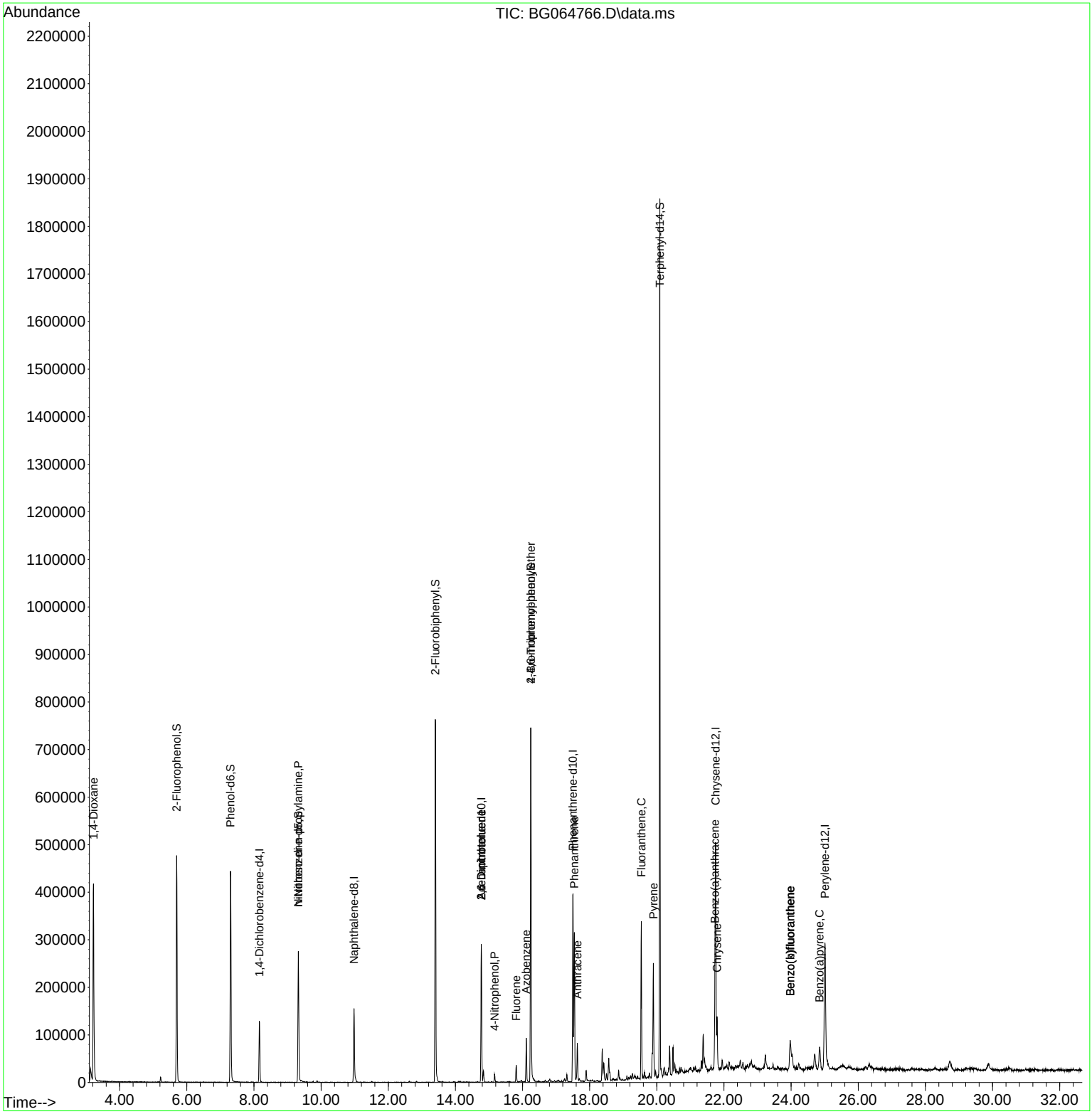
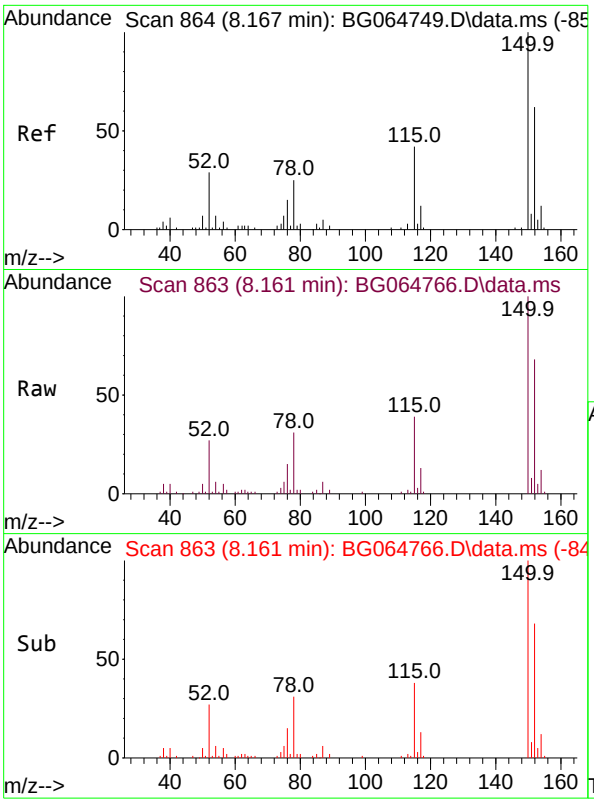


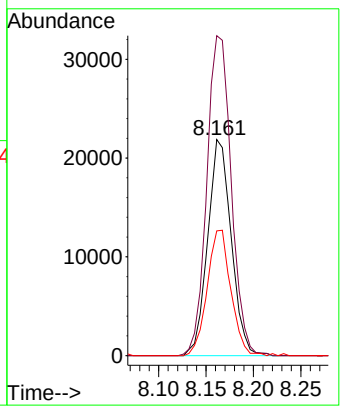


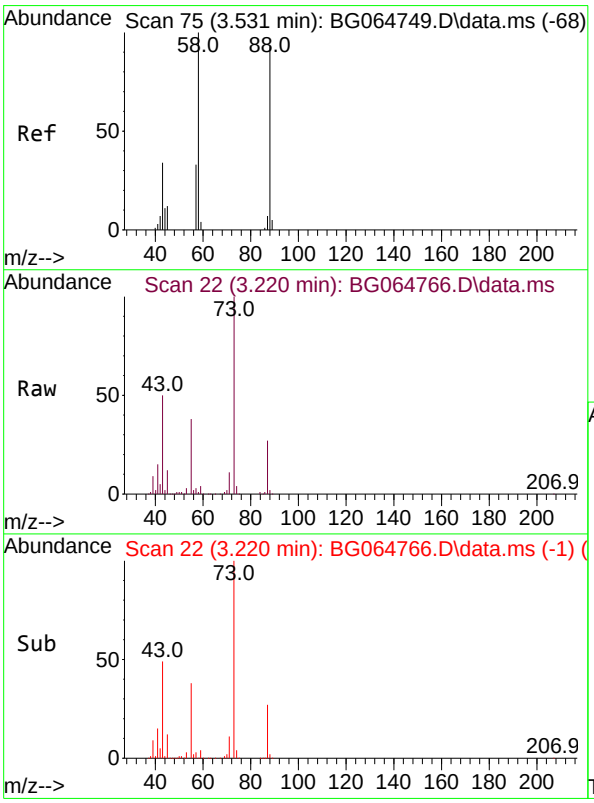
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37846

Ion	Ratio	Lower	Upper
152	100		
150	148.1	129.2	193.8
115	57.8	53.7	80.5

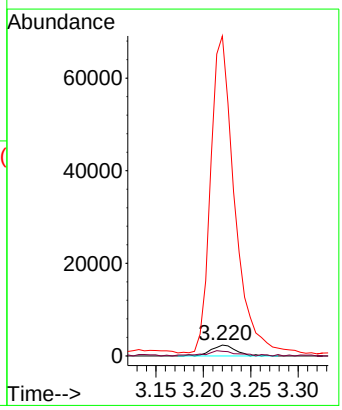


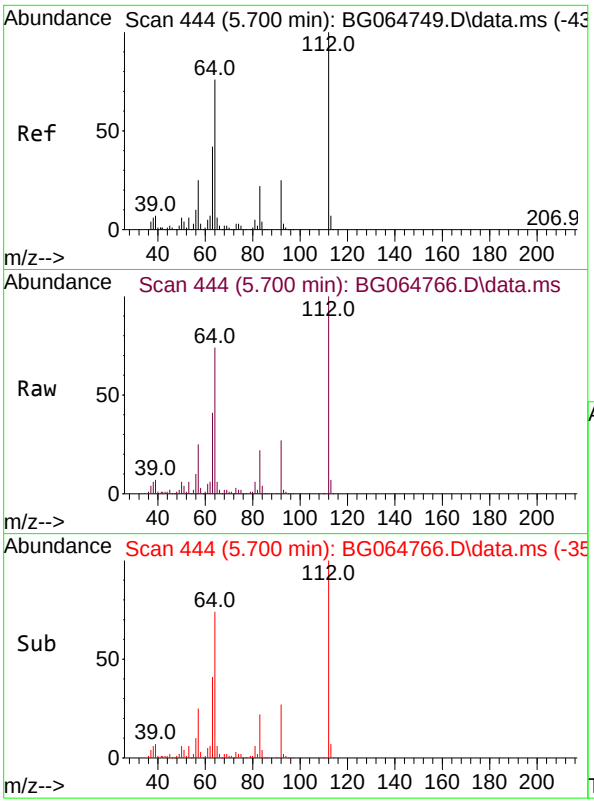


#2
1,4-Dioxane
Concen: 5.026 ng
RT: 3.220 min Scan# 22
Delta R.T. -0.311 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion: 88 Resp: 4217

Ion	Ratio	Lower	Upper
88	100		
58	57.3	84.6	126.8#
43	2880.4	30.0	45.0#



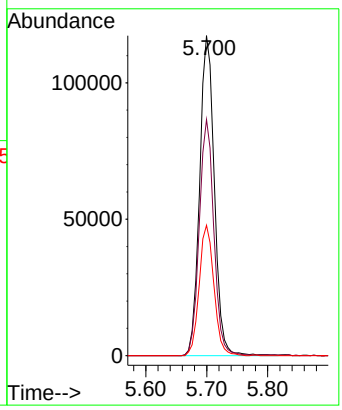


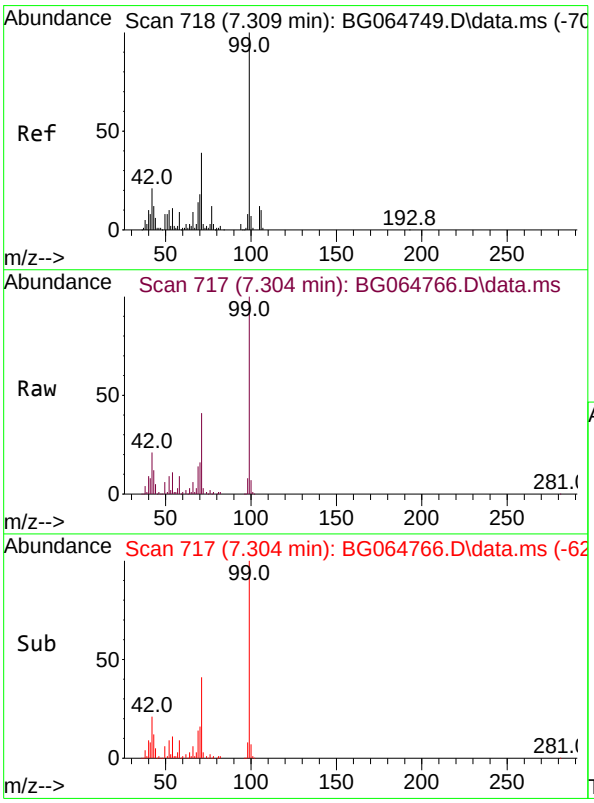
#5
2-Fluorophenol
Concen: 90.844 ng
RT: 5.700 min Scan# 44
Delta R.T. -0.000 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 196887

Ion	Ratio	Lower	Upper
112	100		
64	73.8	61.0	91.4
63	40.7	33.3	49.9

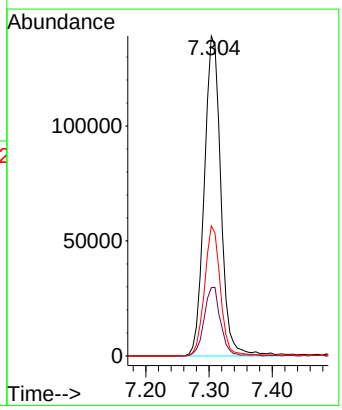


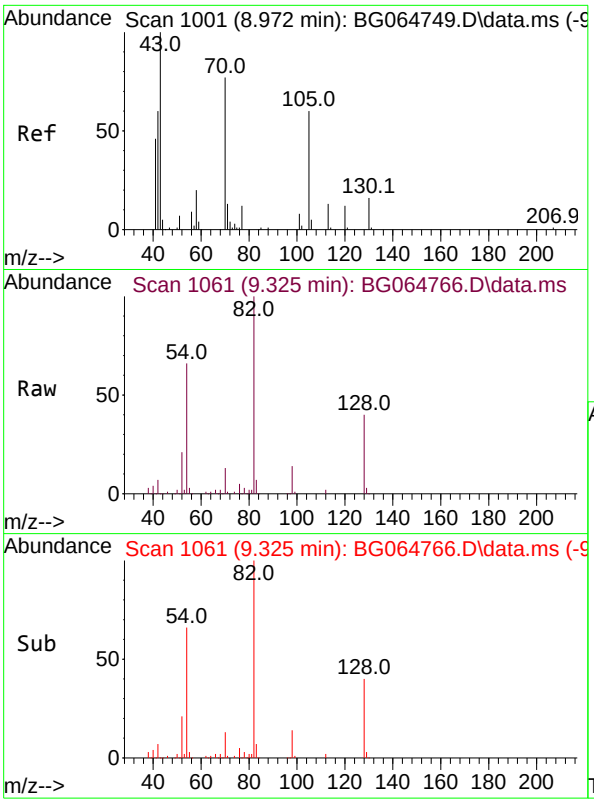


#7
Phenol-d6
Concen: 88.141 ng
RT: 7.304 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion: 99 Resp: 254076

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.8	25.2
71	40.6	31.1	46.7



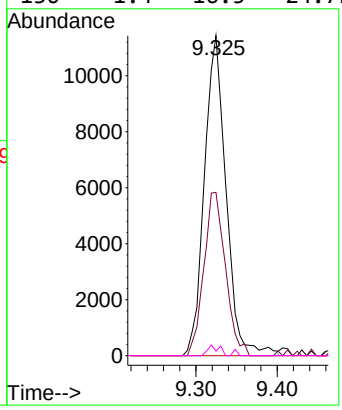


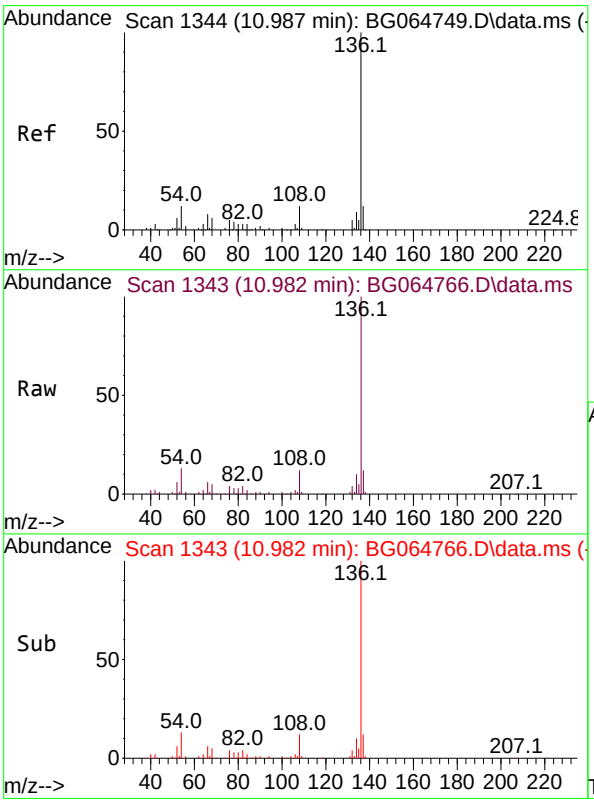
#19
n-Nitroso-di-n-propylamine
Concen: 10.886 ng
RT: 9.325 min Scan# 10
Delta R.T. 0.352 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 21218

Ion	Ratio	Lower	Upper
70	100		
42	51.0	62.6	93.8#
101	0.0	8.0	12.0#
130	1.4	16.5	24.7#

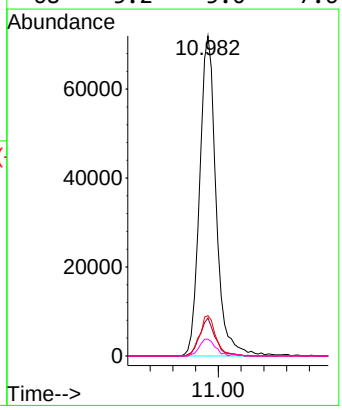


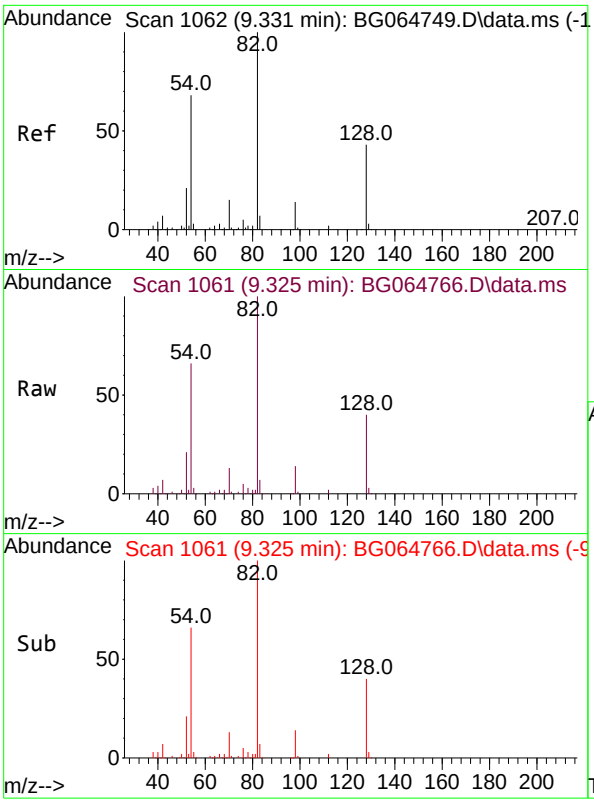


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.982 min Scan# 1343
Delta R.T. -0.005 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:136 Resp: 144314

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	12.6	9.3	13.9
68	5.2	5.0	7.6



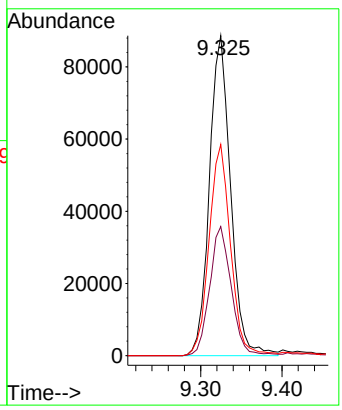


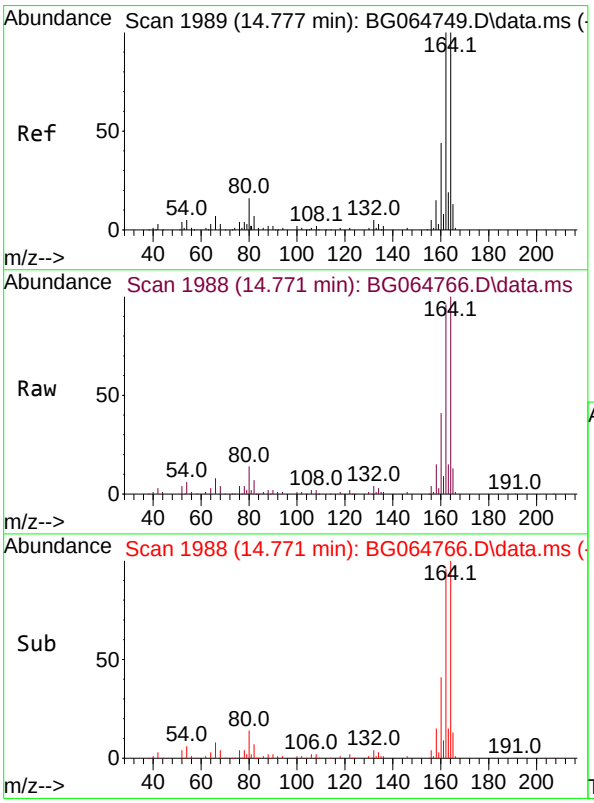
#23
Nitrobenzene-d5
Concen: 55.064 ng
RT: 9.325 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 160721

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.1	51.1
54	66.0	54.3	81.5

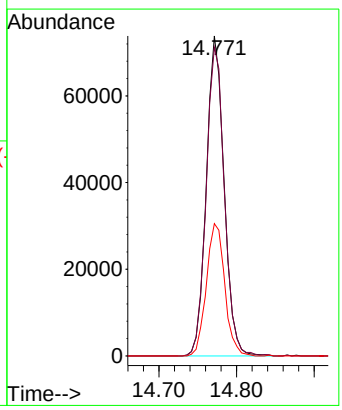


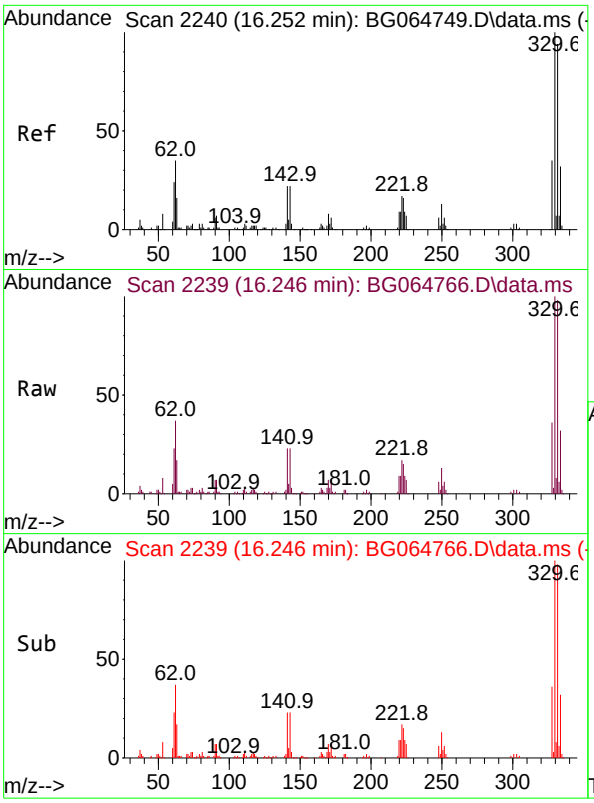


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.771 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:164 Resp: 117322

Ion	Ratio	Lower	Upper
164	100		
162	96.4	79.8	119.6
160	41.3	34.9	52.3



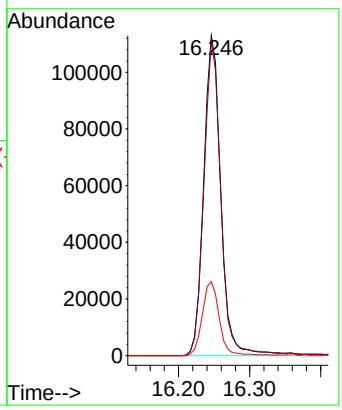


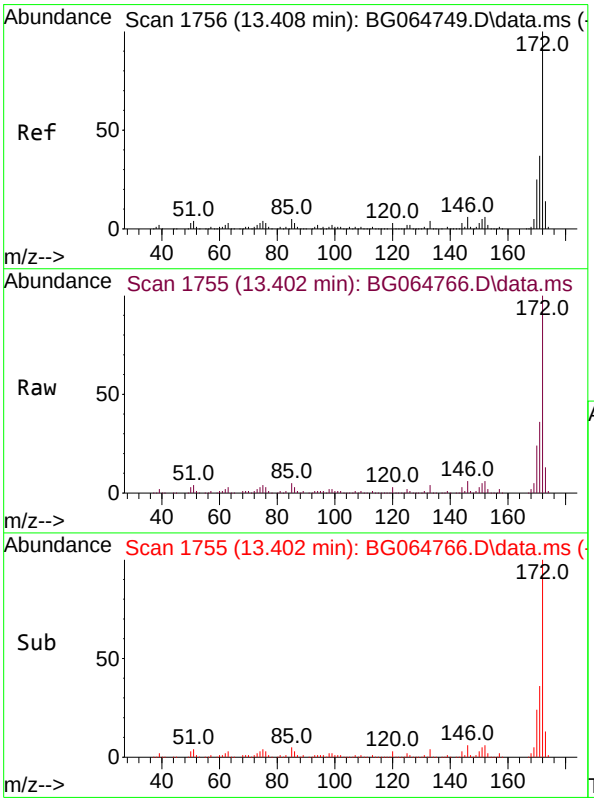
#42
2,4,6-Tribromophenol
Concen: 82.157 ng
RT: 16.246 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 187987

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	22.8	18.2	27.2

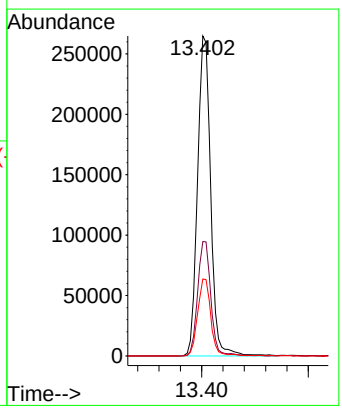


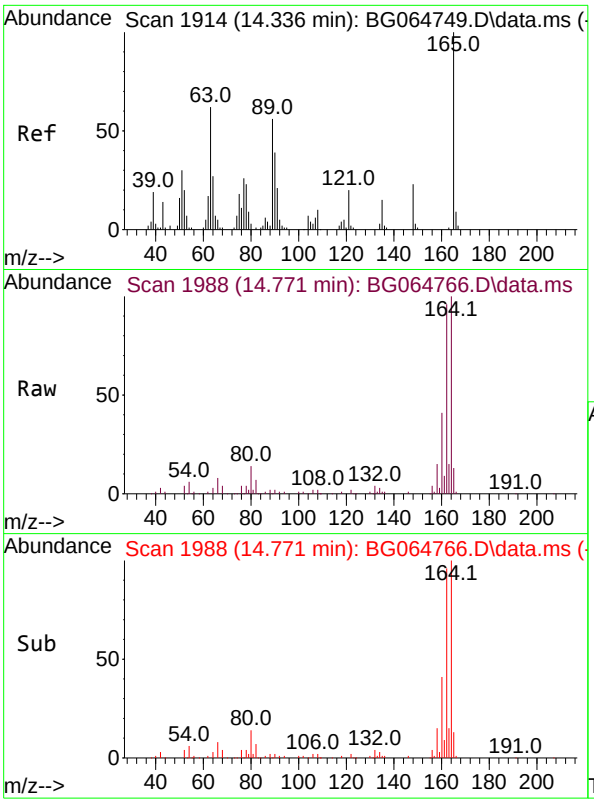


#45
2-Fluorobiphenyl
Concen: 53.756 ng
RT: 13.402 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:172 Resp: 451983

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	24.0	19.8	29.6



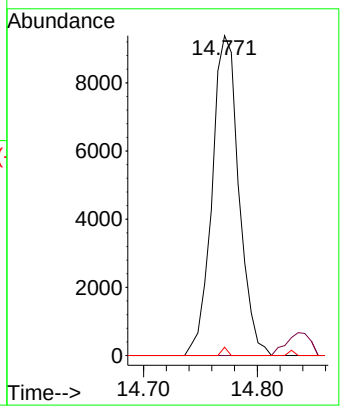


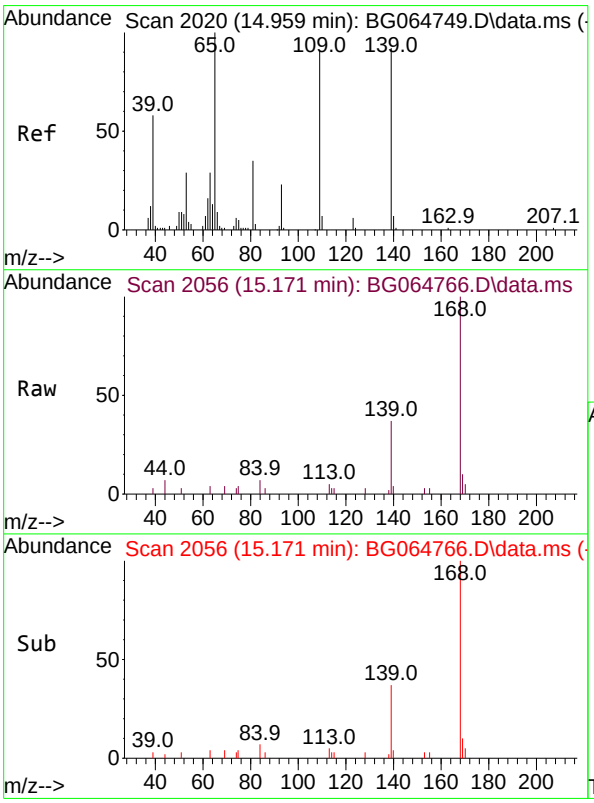
#51
2,6-Dinitrotoluene
Concen: 8.618 ng
RT: 14.771 min Scan# 19
Delta R.T. 0.435 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15369

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.8	74.8#
89	2.6	45.0	67.4#

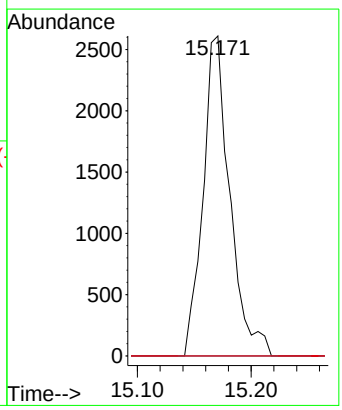


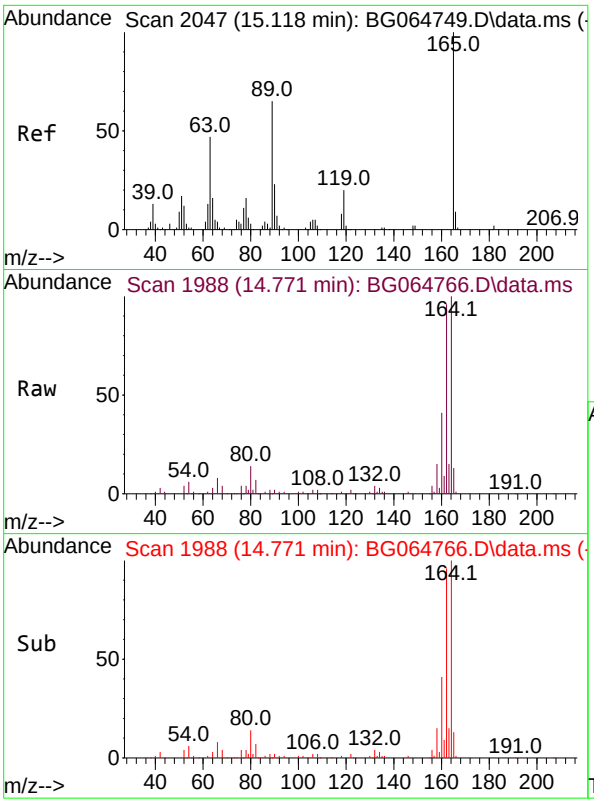


#56
4-Nitrophenol
Concen: 3.063 ng
RT: 15.171 min Scan# 2056
Delta R.T. 0.211 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:139 Resp: 4277

Ion	Ratio	Lower	Upper
139	100		
109	0.0	79.7	119.7#
65	0.0	89.9	129.9#



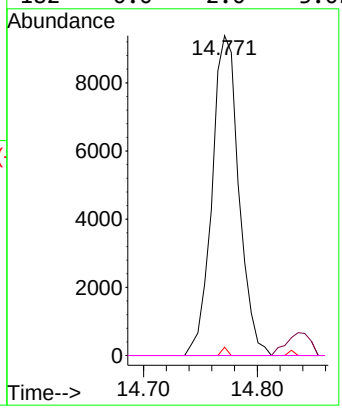


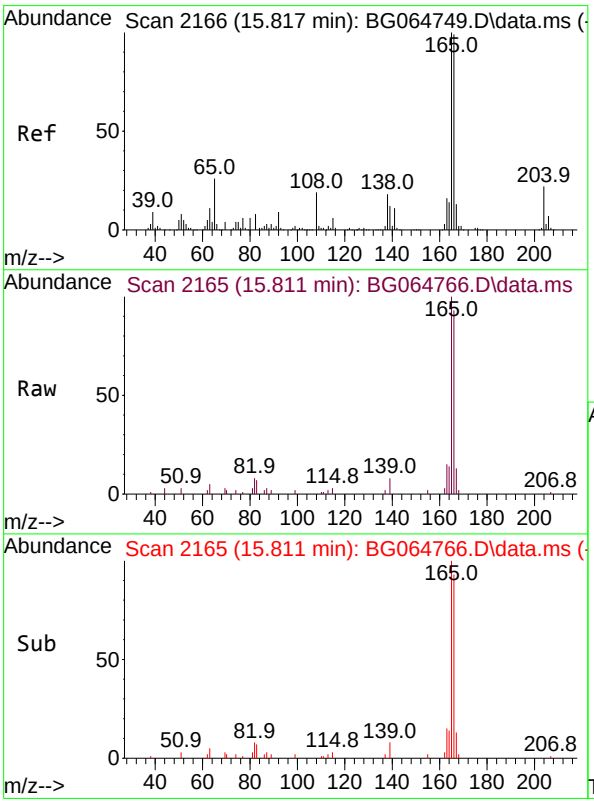
#57
2,4-Dinitrotoluene
Concen: 5.749 ng
RT: 14.771 min Scan# 19
Delta R.T. -0.347 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15369

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.8	56.6#
89	2.6	51.6	77.4#
182	0.0	2.0	3.0#

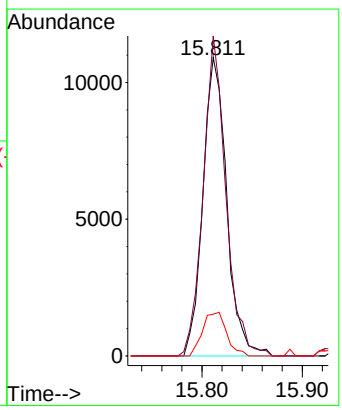


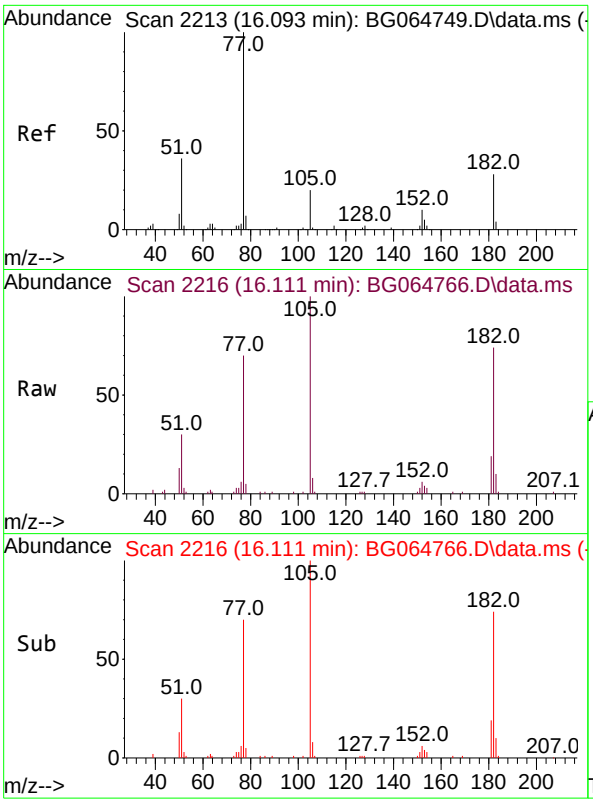


#58
Fluorene
Concen: 2.040 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:166 Resp: 17989

Ion	Ratio	Lower	Upper
166	100		
165	107.2	80.5	120.7
167	14.0	10.3	15.5



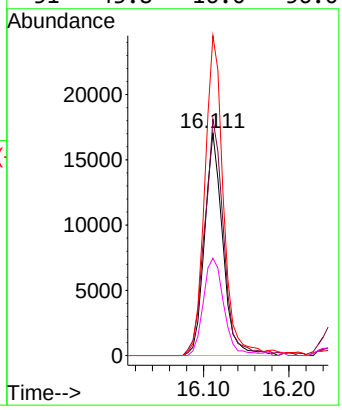


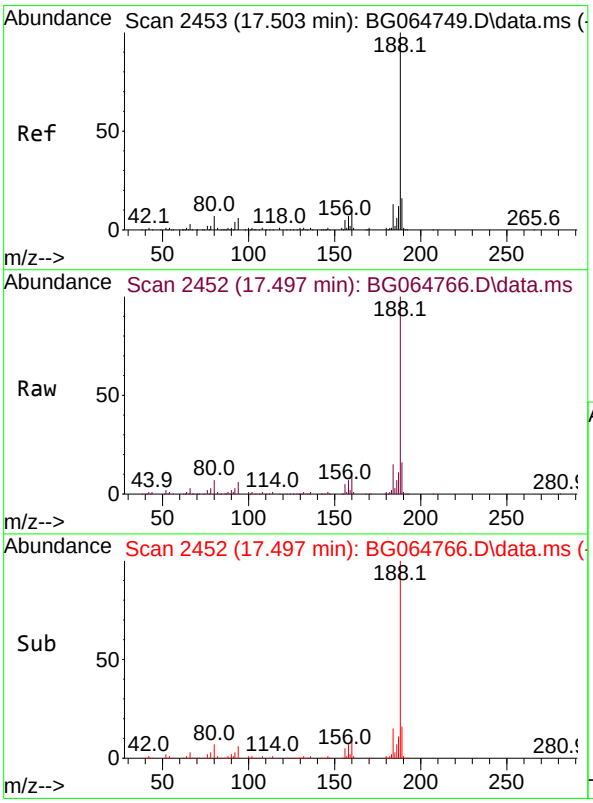
#63
Azobenzene
Concen: 3.432 ng
RT: 16.111 min Scan# 2
Delta R.T. 0.018 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 25342

Ion	Ratio	Lower	Upper
77	100		
182	106.2	8.1	48.1#
105	143.8	0.1	40.1#
51	43.8	16.0	56.0

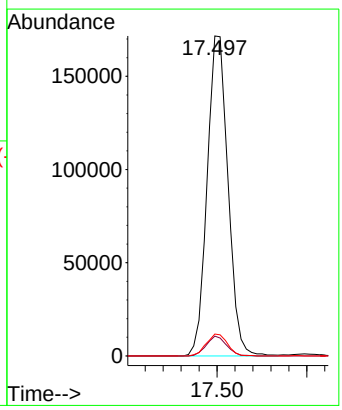


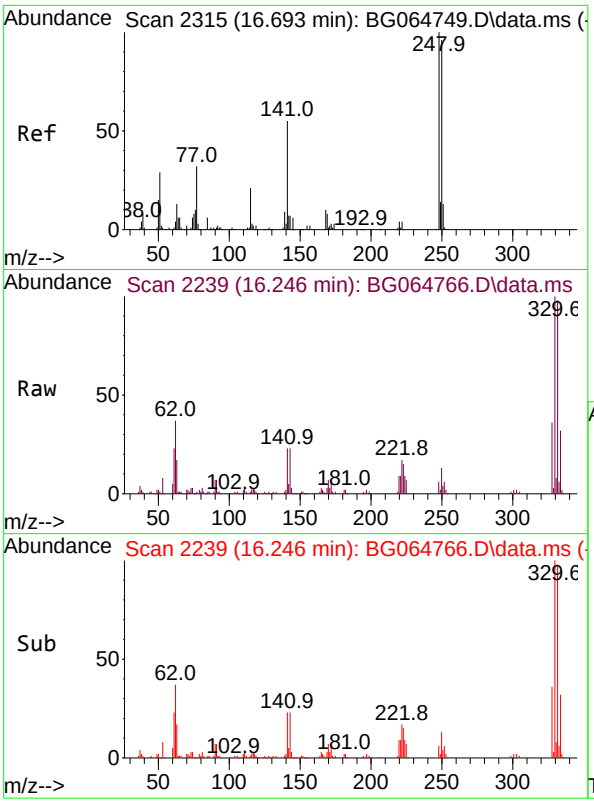


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:188 Resp: 277033

Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.7	7.1
80	6.8	5.4	8.2



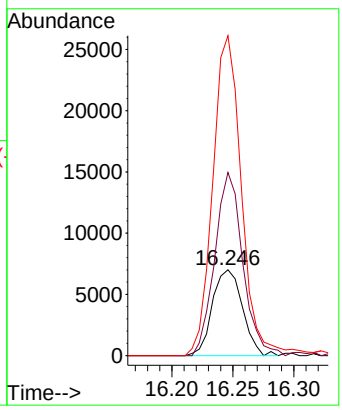


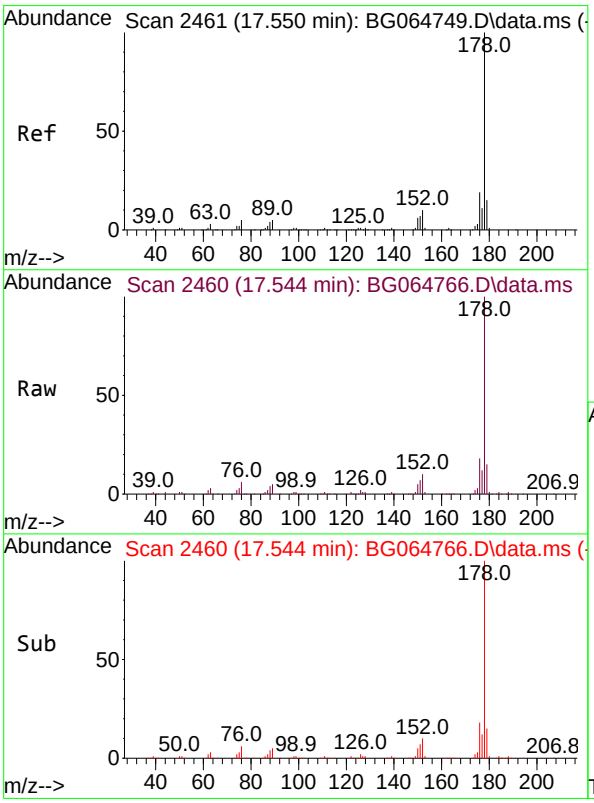
#67
4-Bromophenyl-phenylether
Concen: 3.304 ng
RT: 16.246 min Scan# 2
Delta R.T. -0.447 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12019

Ion	Ratio	Lower	Upper
248	100		
250	270.0	77.0	115.6#
141	372.9	43.7	65.5#

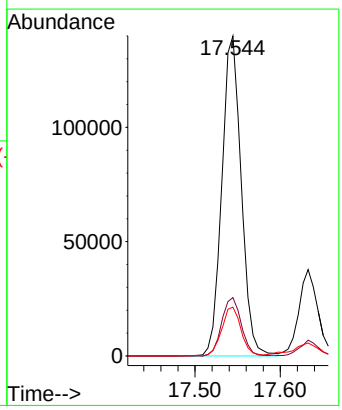


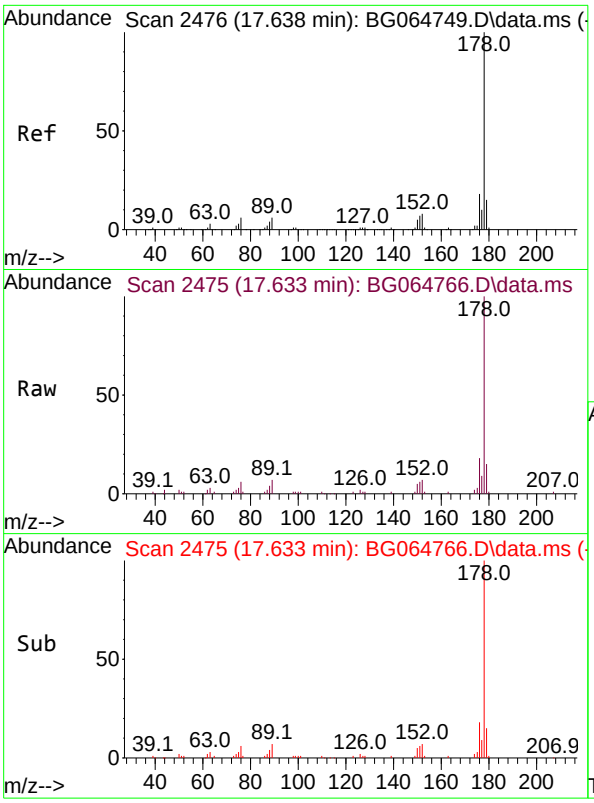


#71
Phenanthrene
Concen: 14.580 ng
RT: 17.544 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:178 Resp: 220996

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.2	12.2	18.4



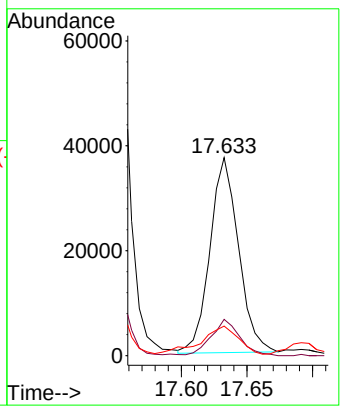


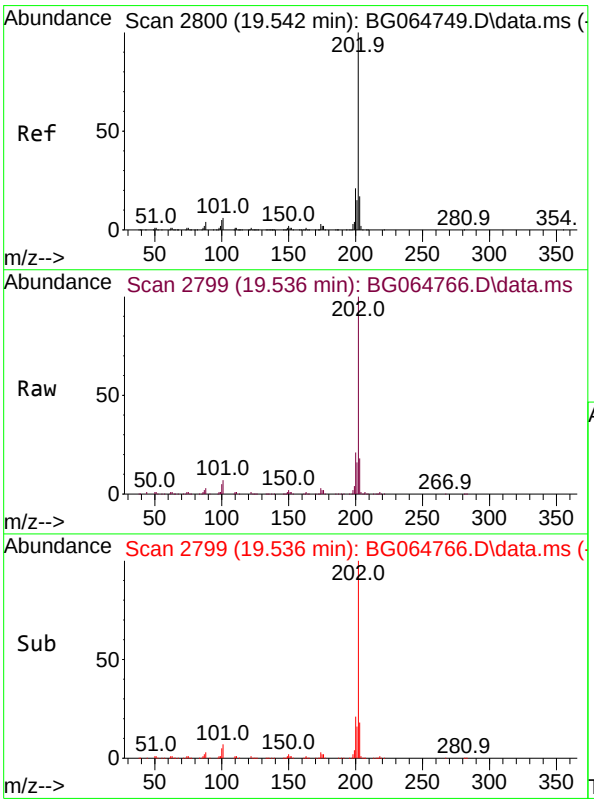
#72
Anthracene
Concen: 3.653 ng
RT: 17.633 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 56463

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	14.9	12.2	18.4

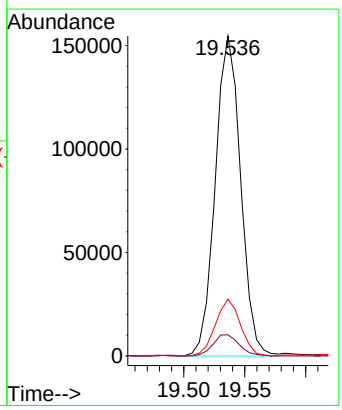


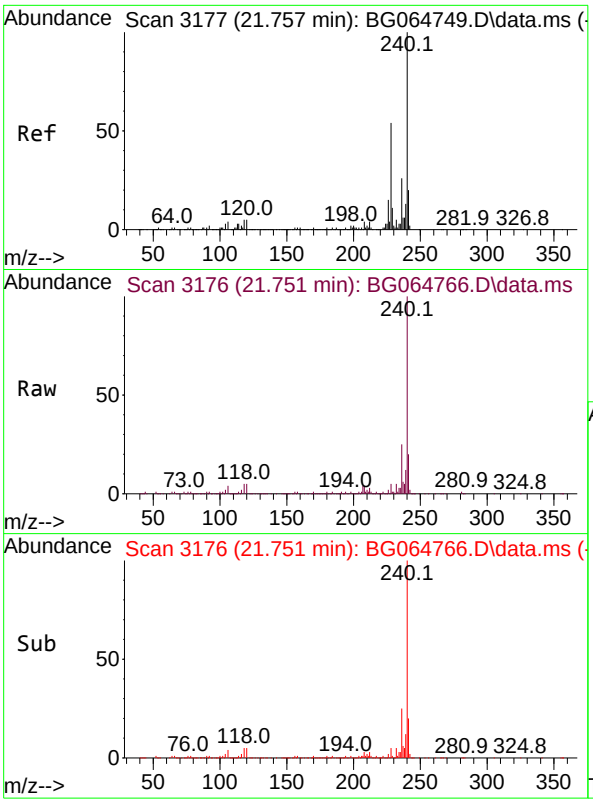


#75
Fluoranthene
Concen: 10.795 ng
RT: 19.536 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:202 Resp: 223744

Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	26.4
203	17.7	0.0	37.5



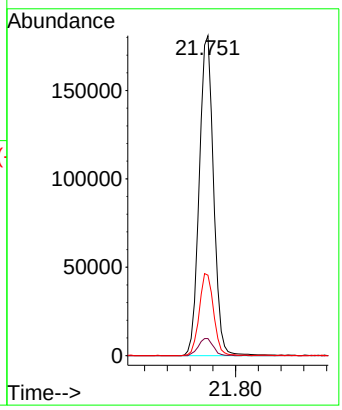


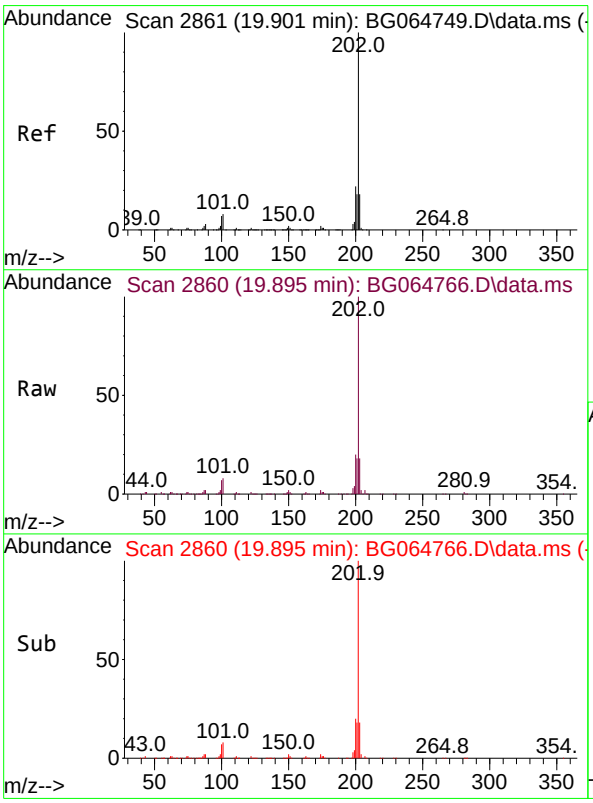
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 316134

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.2	6.4
236	25.2	20.8	31.2

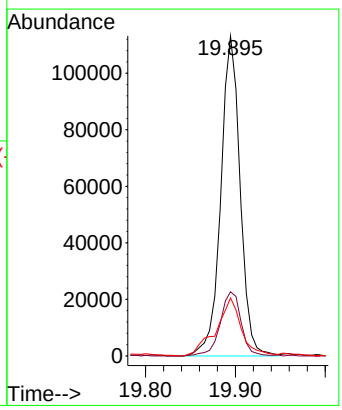


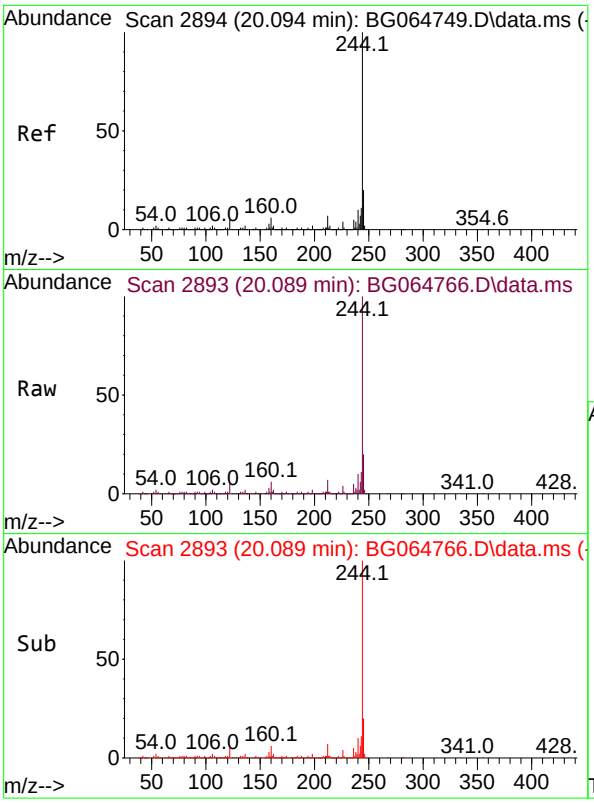


#78
Pyrene
Concen: 9.598 ng
RT: 19.895 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:202 Resp: 170056

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.9	26.9
203	18.1	14.0	21.0



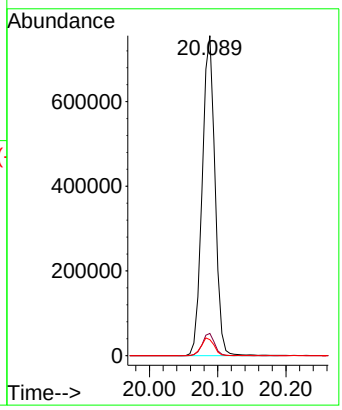


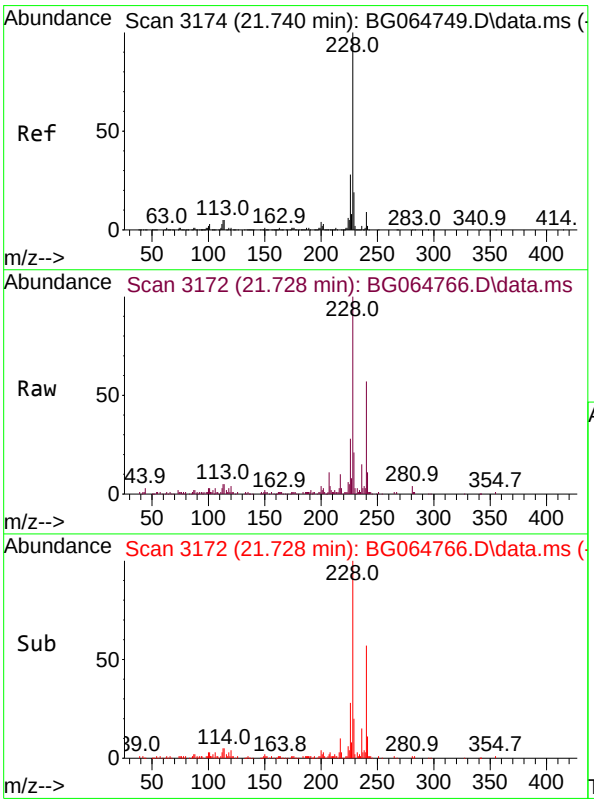
#79
Terphenyl-d14
Concen: 61.107 ng
RT: 20.089 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 982055

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	5.0	4.3	6.5

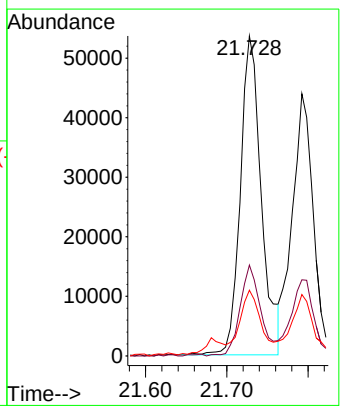


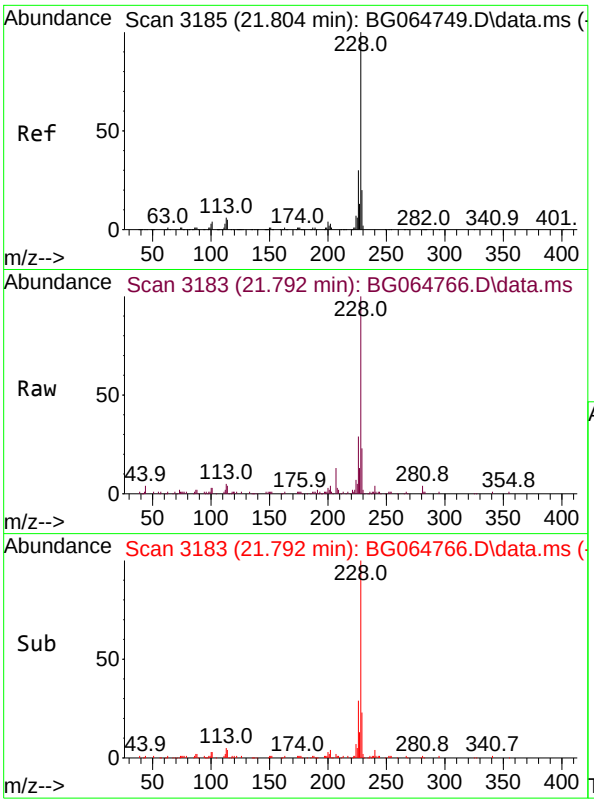


#81
Benzo(a)anthracene
Concen: 4.473 ng
RT: 21.728 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:228 Resp: 96150

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.1	33.1
229	20.5	15.5	23.3



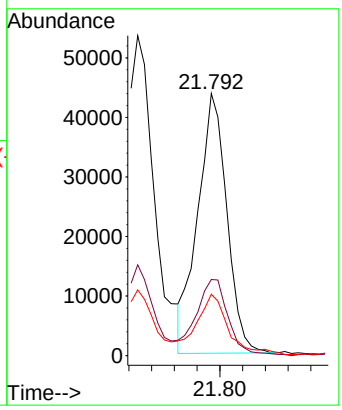


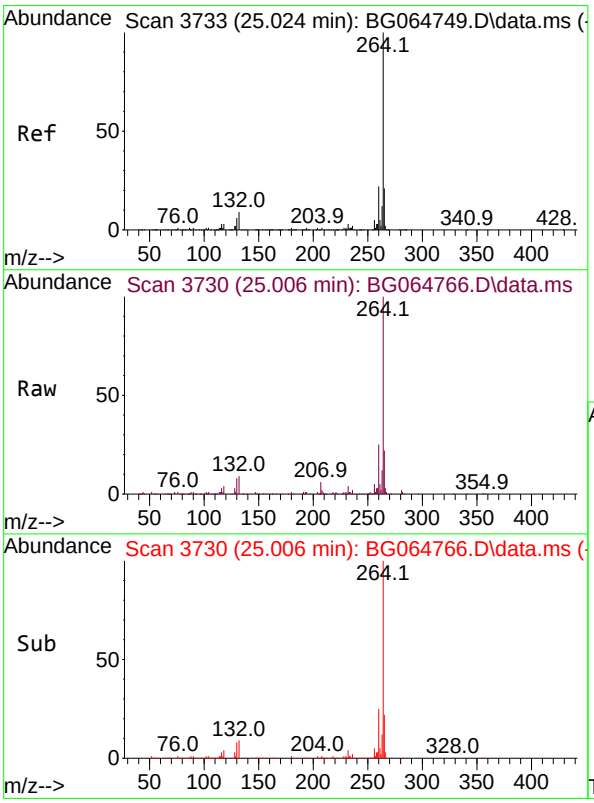
#83
Chrysene
Concen: 3.838 ng
RT: 21.792 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 77786

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.2
229	23.4	16.0	24.0

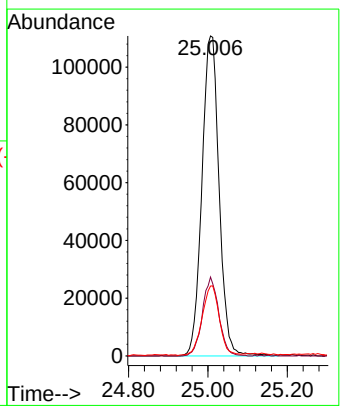


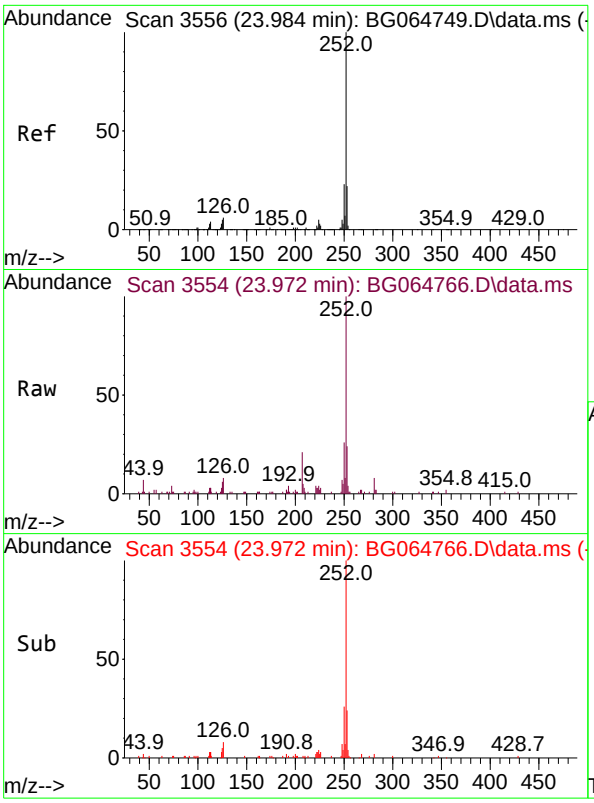


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3730
Delta R.T. -0.018 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:264 Resp: 333844

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.2	25.8
265	21.8	16.6	25.0



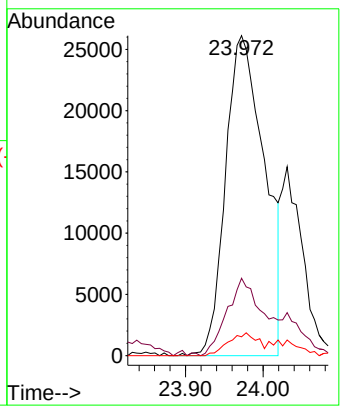


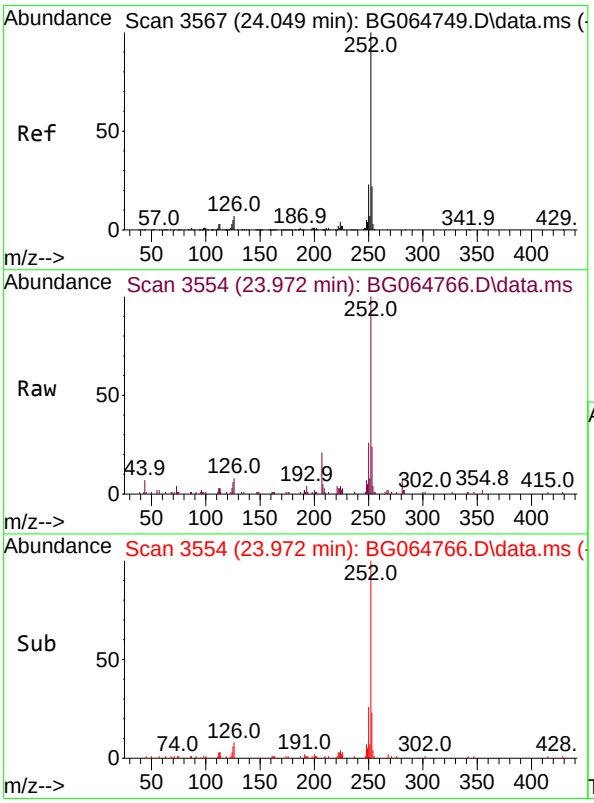
#88
Benzo(b)fluoranthene
Concen: 4.302 ng
RT: 23.972 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 91404

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	5.9	4.2	6.2

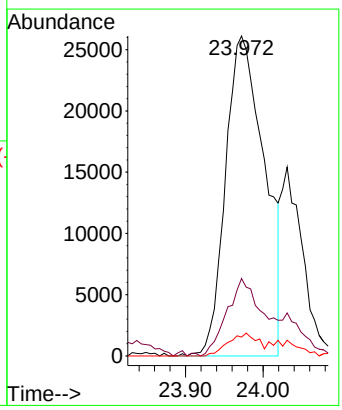


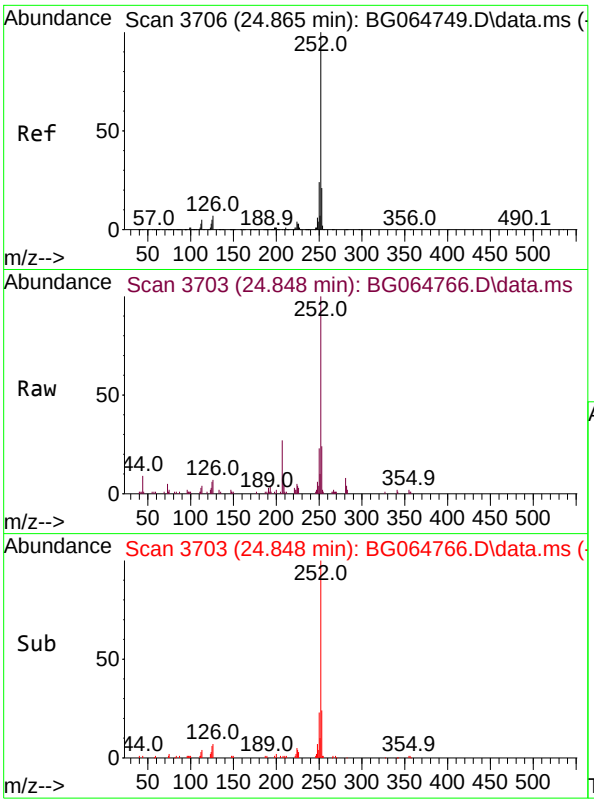


#89
Benzo(k)fluoranthene
Concen: 4.282 ng
RT: 23.972 min Scan# 3554
Delta R.T. -0.076 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:252 Resp: 91404

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	5.9	4.1	6.1





#90
Benzo(a)pyrene
Concen: 3.047 ng
RT: 24.848 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 60047

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.9	25.3
125	6.4	4.2	6.4#