Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064769.D
Acq On : 13 Nov 2025 23:29
Operator : RC/JU
Sample : Q3609-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 05:05:33 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	8.165	152	40492	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	151428	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	116412	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	277775	20.000	ng	0.00
76) Chrysene-d12	21.749	240	318527	20.000	ng	0.00
86) Perylene-d12	25.004	264	327313	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	255307	110.101	ng	0.00
7) Phenol-d6	7.307	99	292713	94.909	ng	0.00
23) Nitrobenzene-d5	9.328	82	250779	81.882	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	283232	124.750	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	669335	80.228	ng	0.00
79) Terphenyl-d14	20.092	244	1561338	96.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.241	88	14860	16.553	ng	# 1
19) n-Nitroso-di-n-propyla...	9.322	70	34022	16.315	ng	# 66
51) 2,6-Dinitrotoluene	14.775	165	15590	8.810	ng	# 21
57) 2,4-Dinitrotoluene	14.775	165	15590	5.877	ng	# 24
67) 4-Bromophenyl-phenylether	16.243	248	17244	4.727	ng	# 1
77) Benzidine	20.086	184	21806	2.286	ng	96

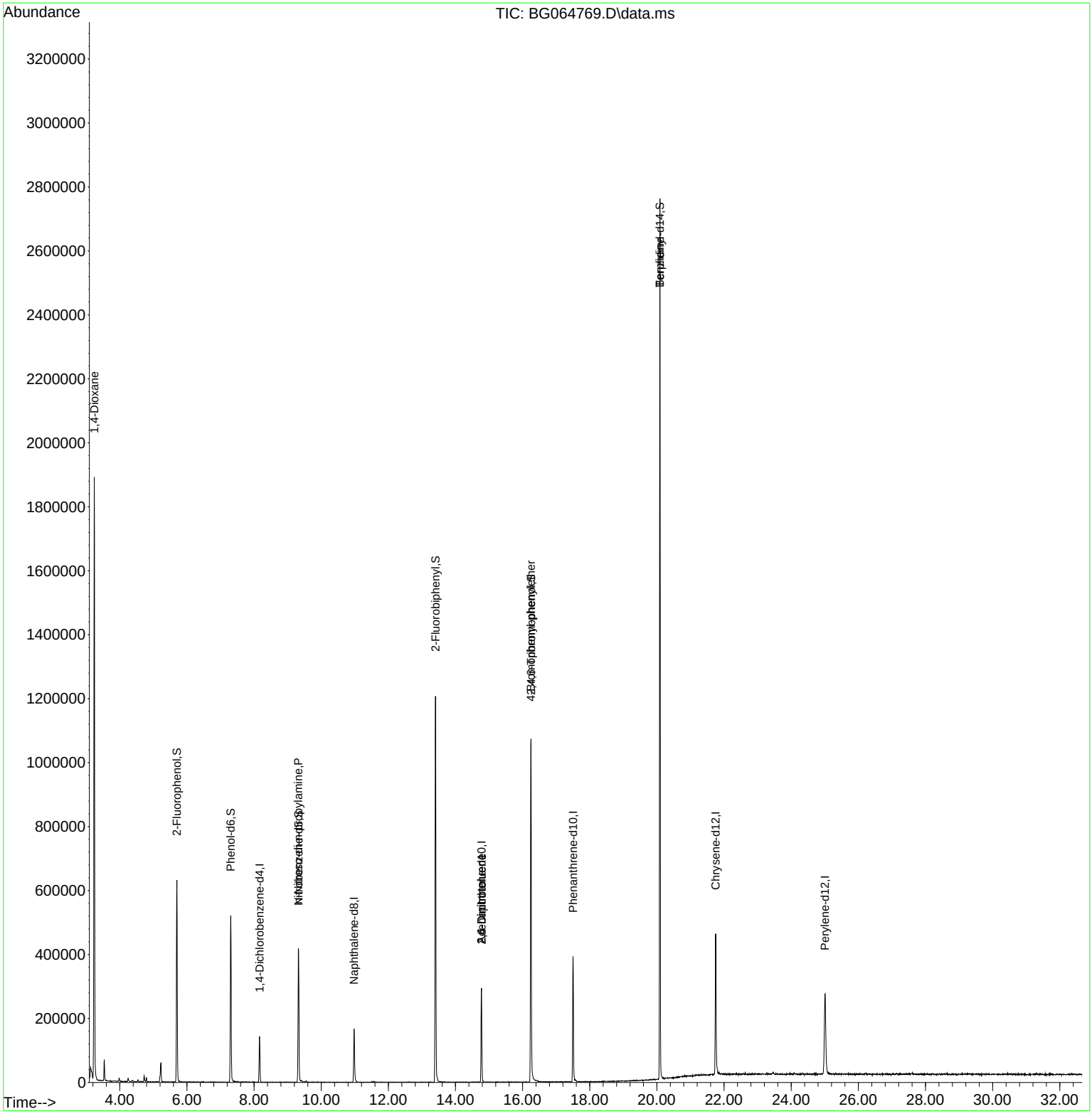
(#) = qualifier out of range (m) = manual integration (+) = signals summed

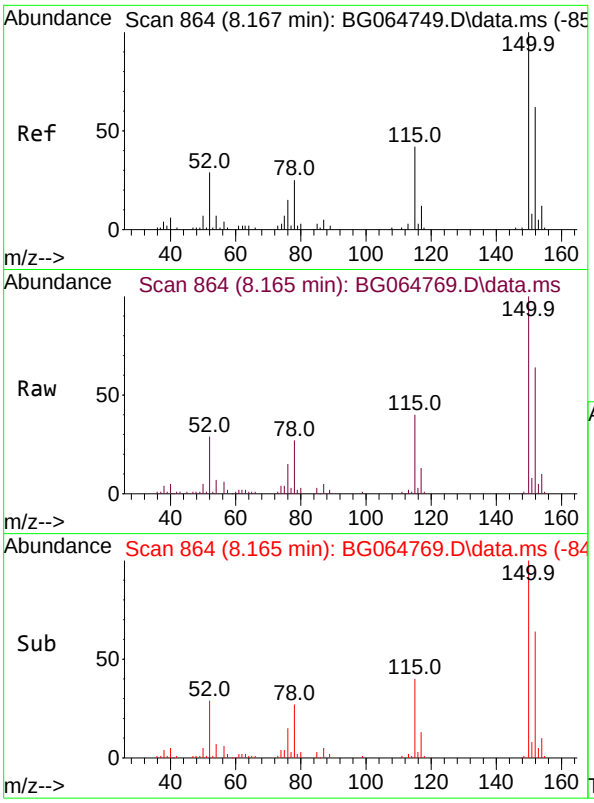
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064769.D
Acq On : 13 Nov 2025 23:29
Operator : RC/JU
Sample : Q3609-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 05:05:33 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



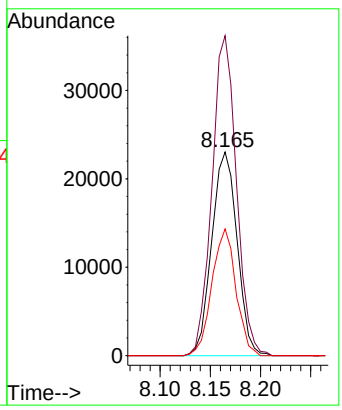


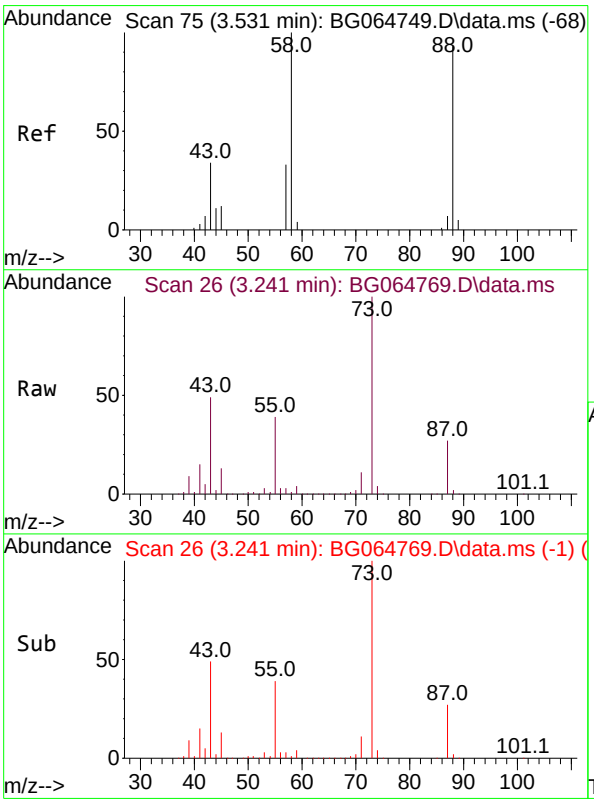
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40492

Ion	Ratio	Lower	Upper
152	100		
150	157.1	129.2	193.8
115	62.2	53.7	80.5

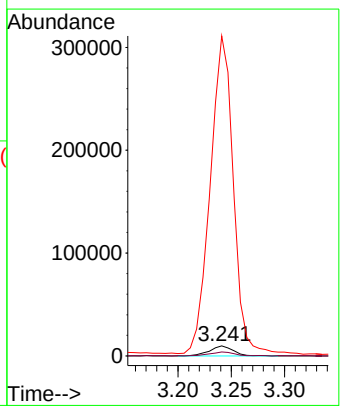


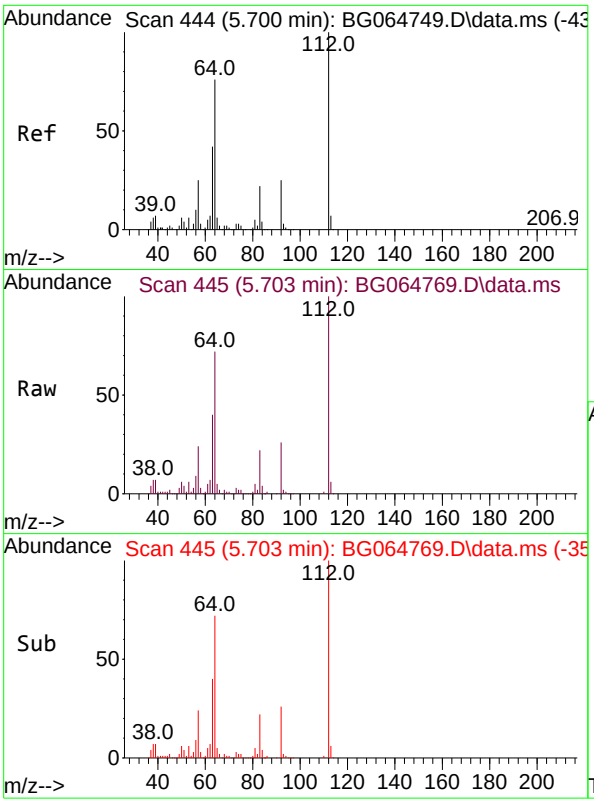


#2
1,4-Dioxane
Concen: 16.553 ng
RT: 3.241 min Scan# 26
Delta R.T. -0.291 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion: 88 Resp: 14860

Ion	Ratio	Lower	Upper
88	100		
58	43.3	84.6	126.8#
43	3176.0	30.0	45.0#



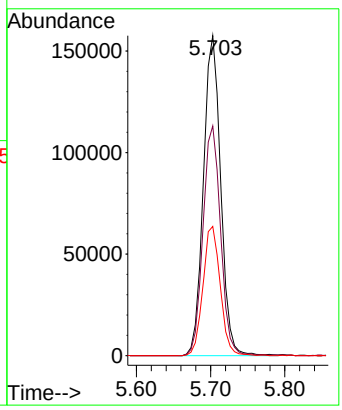


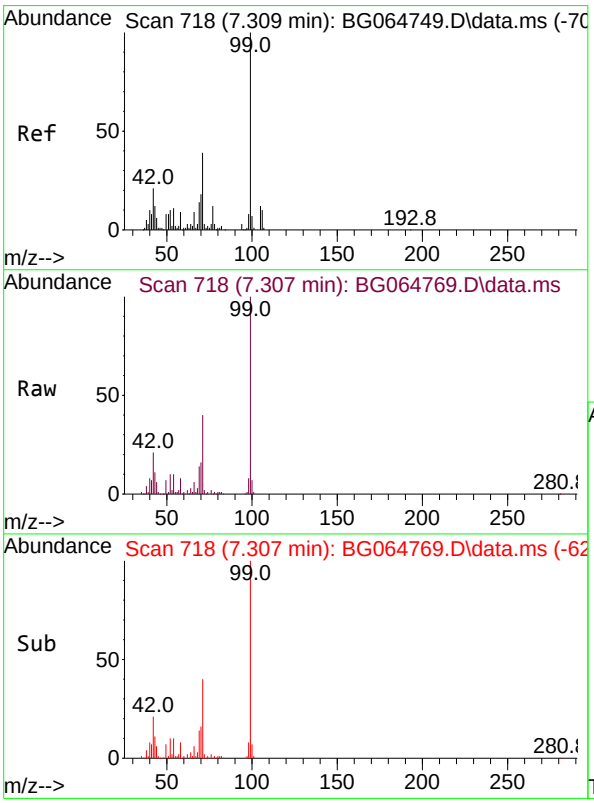
#5
2-Fluorophenol
Concen: 110.101 ng
RT: 5.703 min Scan# 44
Delta R.T. 0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 255307

Ion	Ratio	Lower	Upper
112	100		
64	71.8	61.0	91.4
63	40.4	33.3	49.9

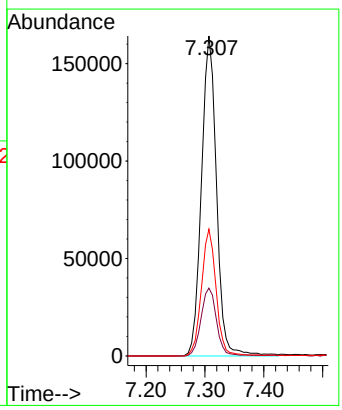


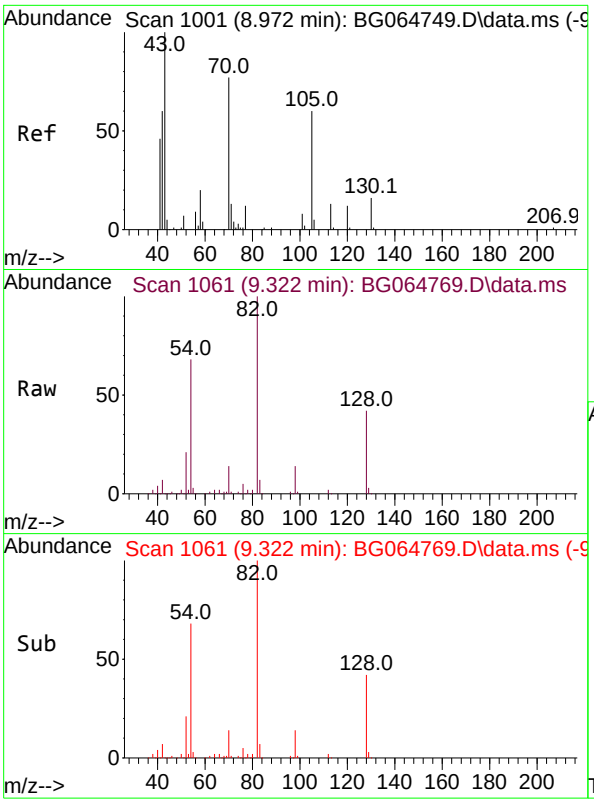


#7
Phenol-d6
Concen: 94.909 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion: 99 Resp: 292713

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.8	25.2
71	39.6	31.1	46.7



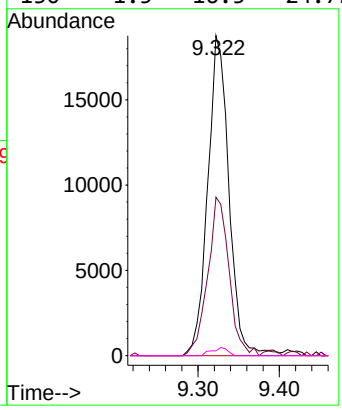


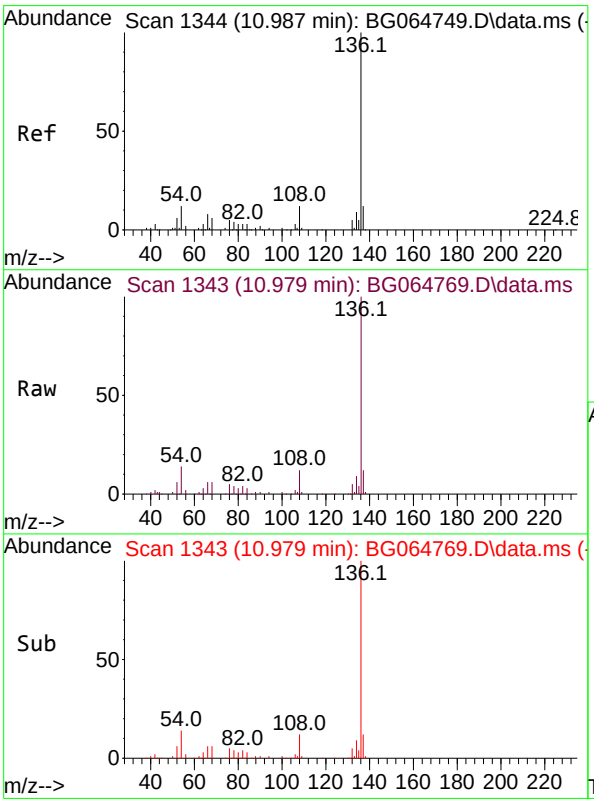
#19
n-Nitroso-di-n-propylamine
Concen: 16.315 ng
RT: 9.322 min Scan# 10
Delta R.T. 0.350 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 34022

Ion	Ratio	Lower	Upper
70	100		
42	49.5	62.6	93.8#
101	0.0	8.0	12.0#
130	1.5	16.5	24.7#

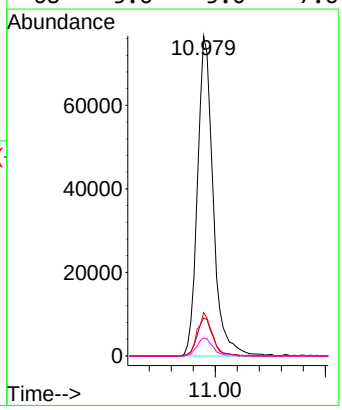


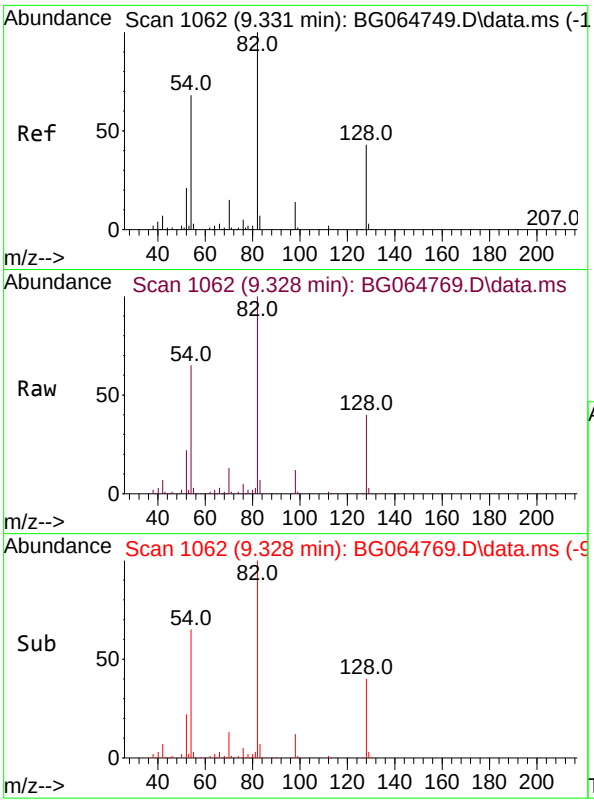


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion:136 Resp: 151428

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	13.6	9.3	13.9
68	5.6	5.0	7.6



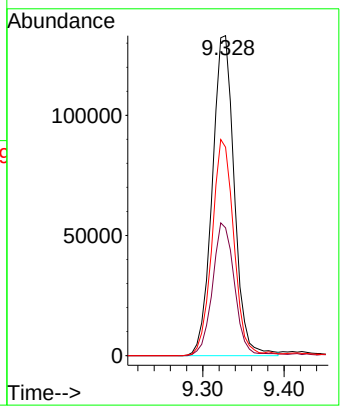


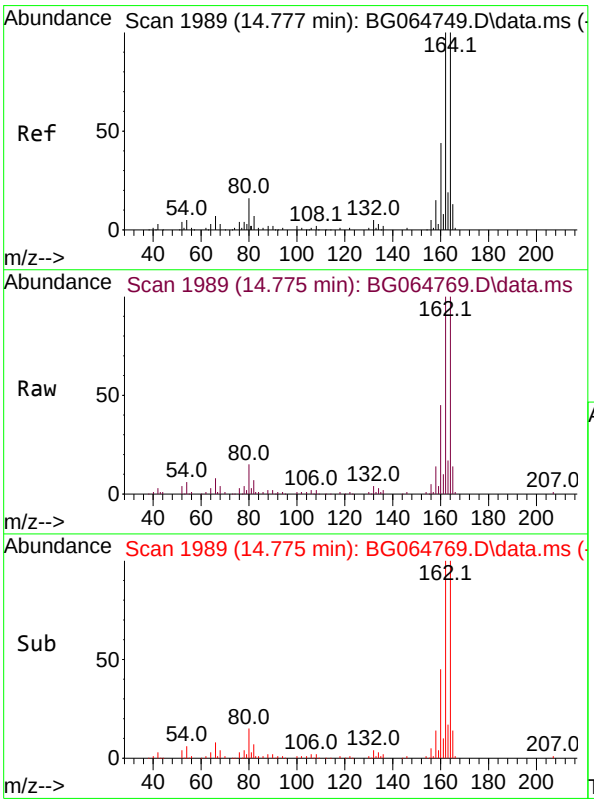
#23
Nitrobenzene-d5
Concen: 81.882 ng
RT: 9.328 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 250779

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.1	51.1
54	65.1	54.3	81.5

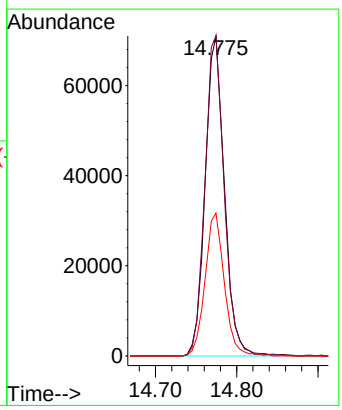


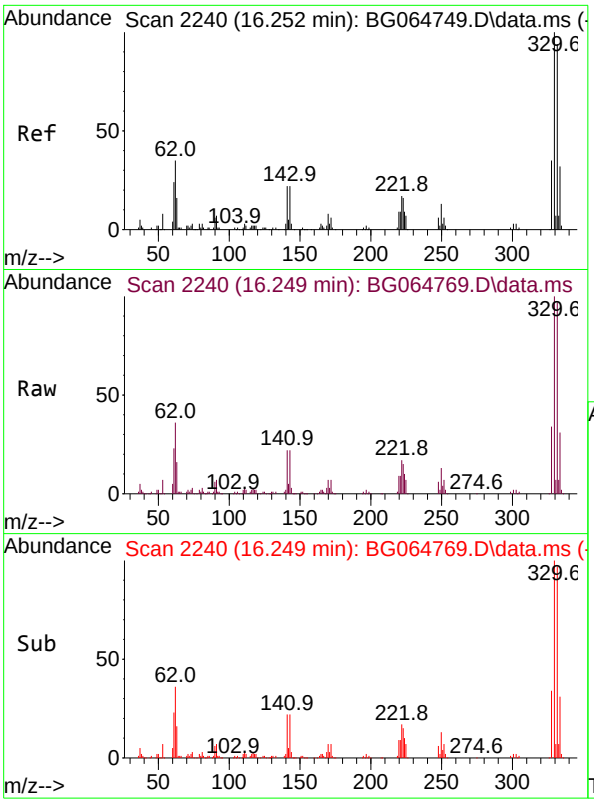


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion:164 Resp: 116412

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.8	119.6
160	44.6	34.9	52.3



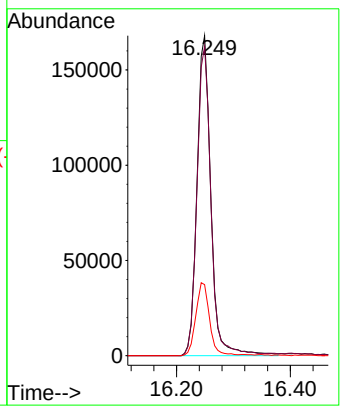


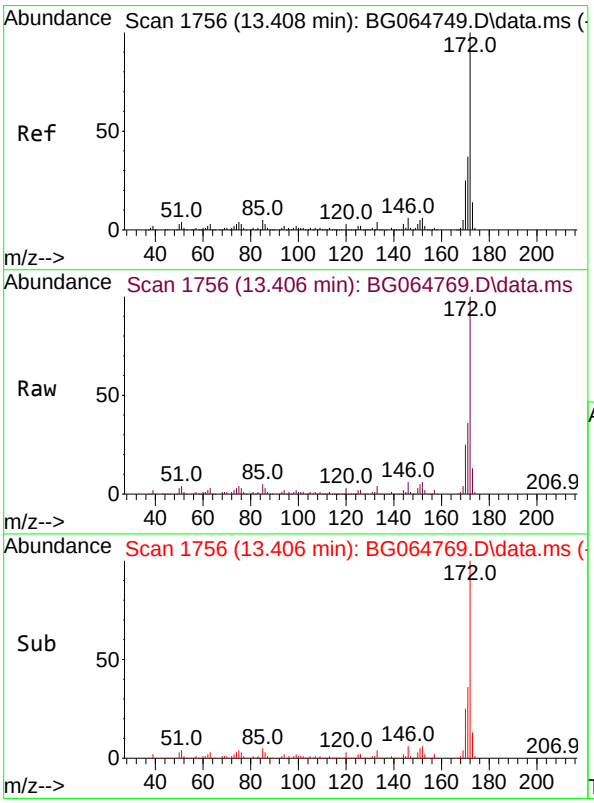
#42
2,4,6-Tribromophenol
Concen: 124.750 ng
RT: 16.249 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 283232

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	22.5	18.2	27.2

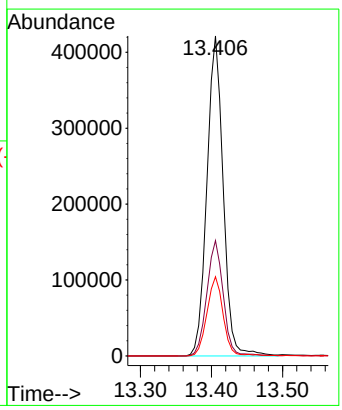


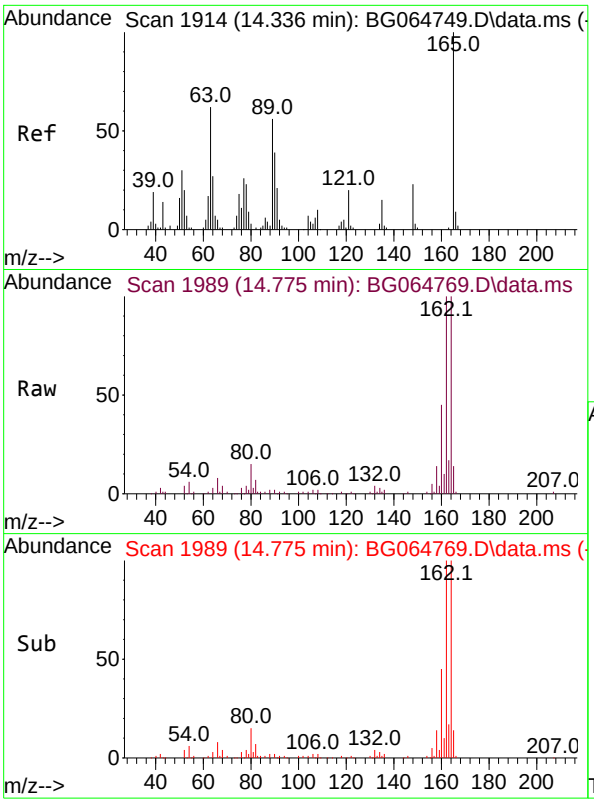


#45
2-Fluorobiphenyl
Concen: 80.228 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion:172 Resp: 669335

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	24.8	19.8	29.6



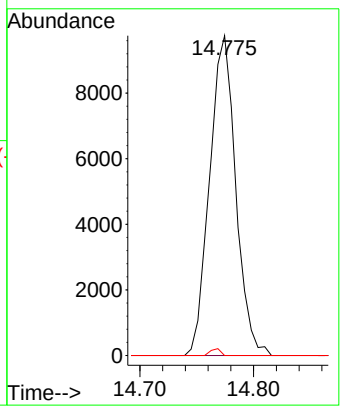


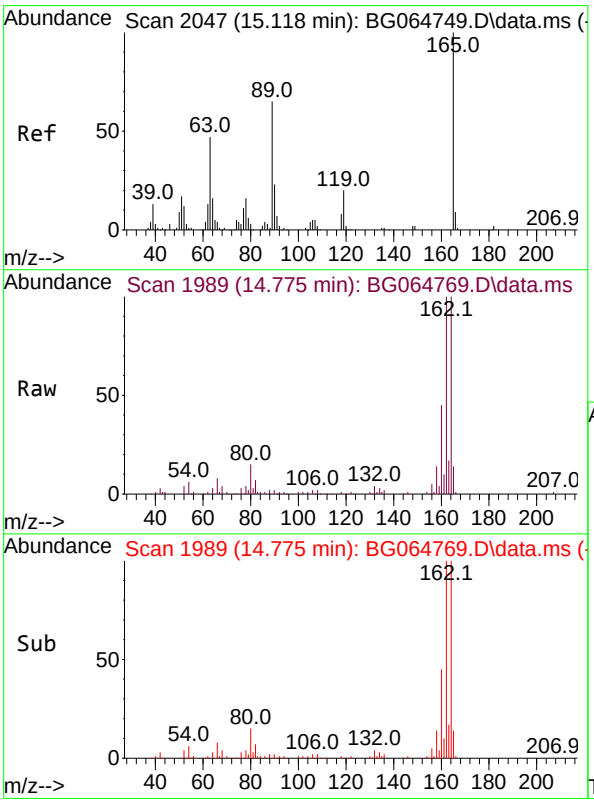
#51
2,6-Dinitrotoluene
Concen: 8.810 ng
RT: 14.775 min Scan# 19
Delta R.T. 0.438 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15590

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

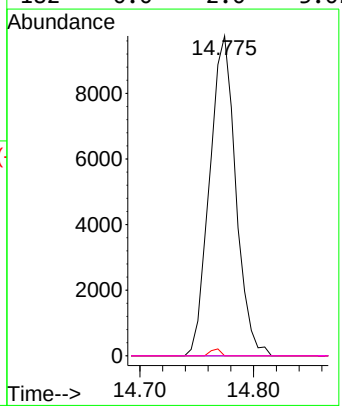


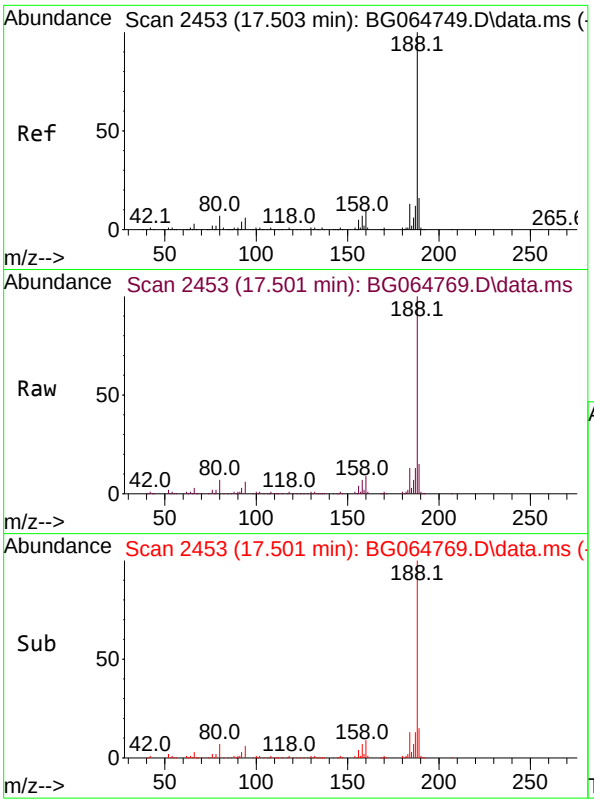


#57
2,4-Dinitrotoluene
Concen: 5.877 ng
RT: 14.775 min Scan# 1989
Delta R.T. -0.343 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion:165 Resp: 15590

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#



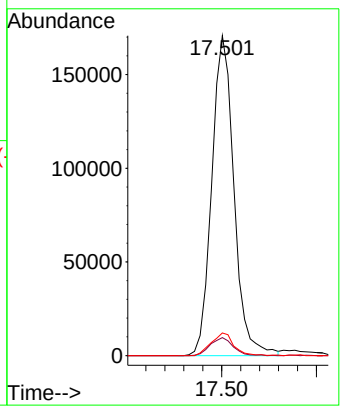


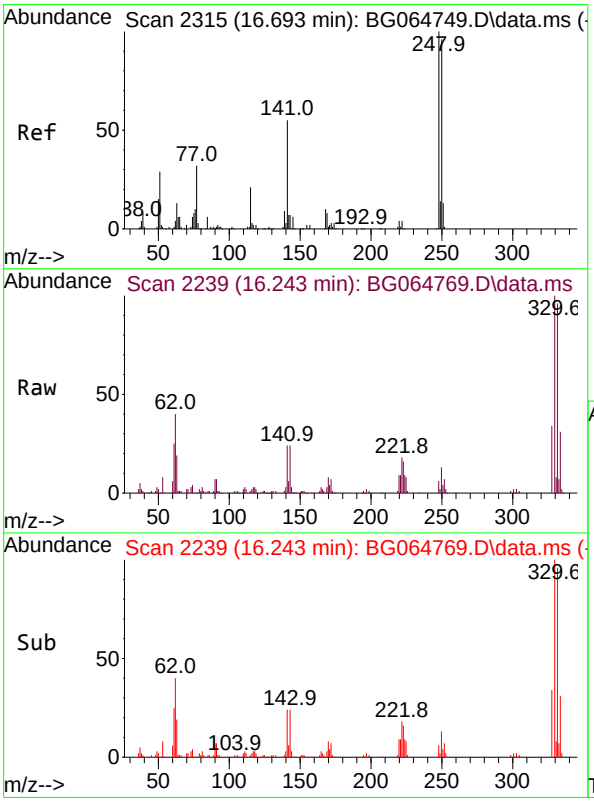
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 277775

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.7	7.1
80	7.1	5.4	8.2

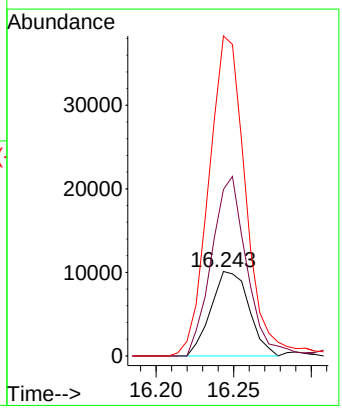


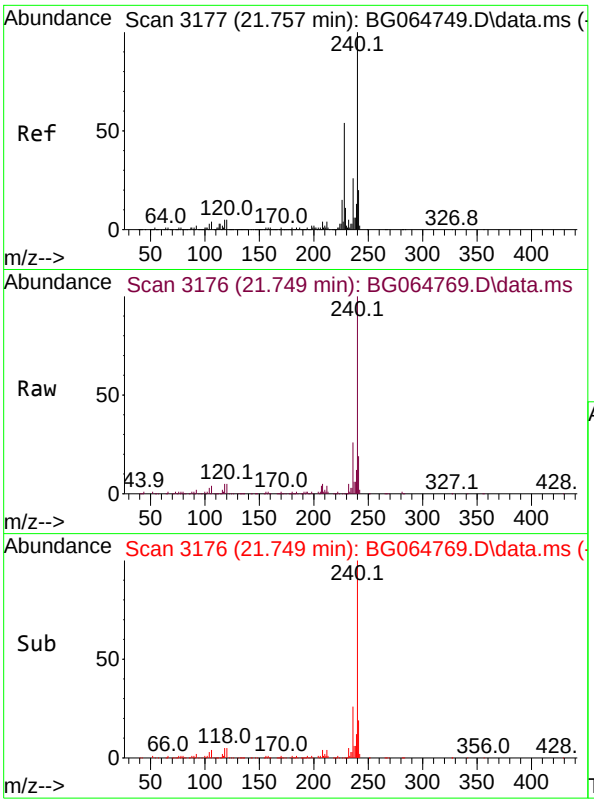


#67
4-Bromophenyl-phenylether
Concen: 4.727 ng
RT: 16.243 min Scan# 2239
Delta R.T. -0.449 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion:248 Resp: 17244

Ion	Ratio	Lower	Upper
248	100		
250	193.6	77.0	115.6#
141	283.8	43.7	65.5#



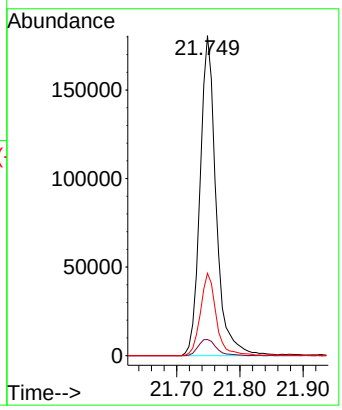


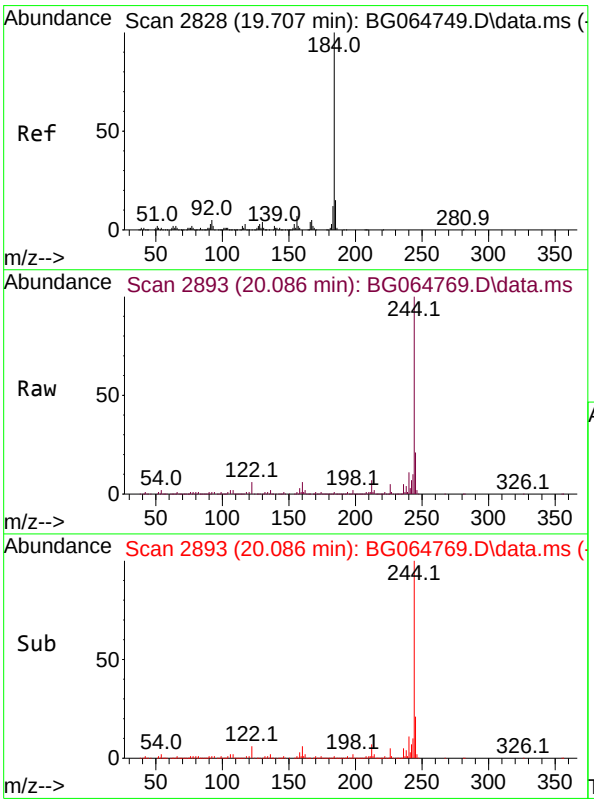
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 318527

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.2	6.4
236	25.7	20.8	31.2

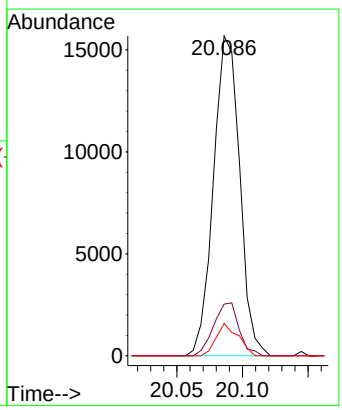


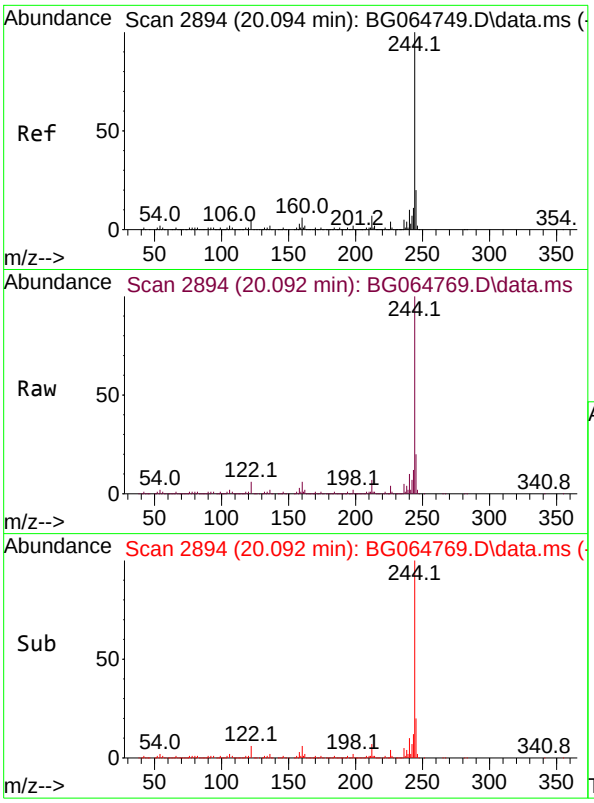


#77
Benzidine
Concen: 2.286 ng
RT: 20.086 min Scan# 2893
Delta R.T. 0.379 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion:184 Resp: 21806

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.8	17.6
183	10.1	9.8	14.6



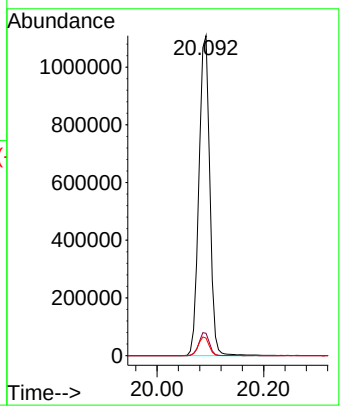


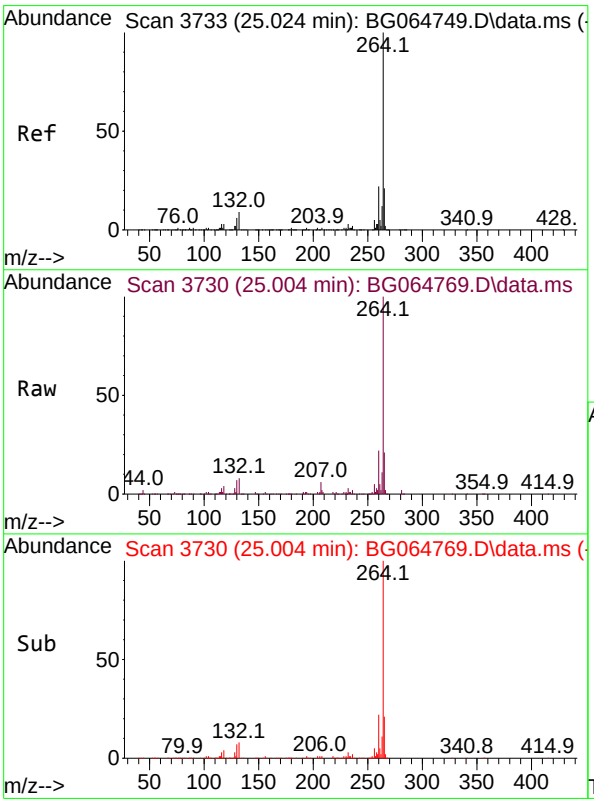
#79
Terphenyl-d14
Concen: 96.422 ng
RT: 20.092 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1561338

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	5.5	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3730
Delta R.T. -0.020 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion:264 Resp: 327313

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.2	25.8
265	21.0	16.6	25.0