Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064760.D
Acq On : 13 Nov 2025 17:22
Operator : RC/JU
Sample : Q3609-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 05:01:20 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	32026	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	119447	20.000	ng	# 0.00
39) Acenaphthene-d10	14.775	164	93146	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	235739	20.000	ng	0.00
76) Chrysene-d12	21.755	240	324228	20.000	ng	0.00
86) Perylene-d12	25.010	264	339738	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	158731	86.548	ng	0.00
7) Phenol-d6	7.307	99	211175	86.571	ng	0.00
23) Nitrobenzene-d5	9.328	82	130699	54.100	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	162303	89.343	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	365640	54.773	ng	0.00
79) Terphenyl-d14	20.092	244	965500	58.577	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	3062	4.313	ng	# 1
19) n-Nitroso-di-n-propyla...	9.328	70	16277	9.869	ng	# 71
51) 2,6-Dinitrotoluene	14.775	165	11316	7.992	ng	# 25
57) 2,4-Dinitrotoluene	14.775	165	11316	5.331	ng	# 28
63) Azobenzene	16.114	77	21592	3.683	ng	# 1
67) 4-Bromophenyl-phenylether	16.250	248	10063	3.251	ng	# 1

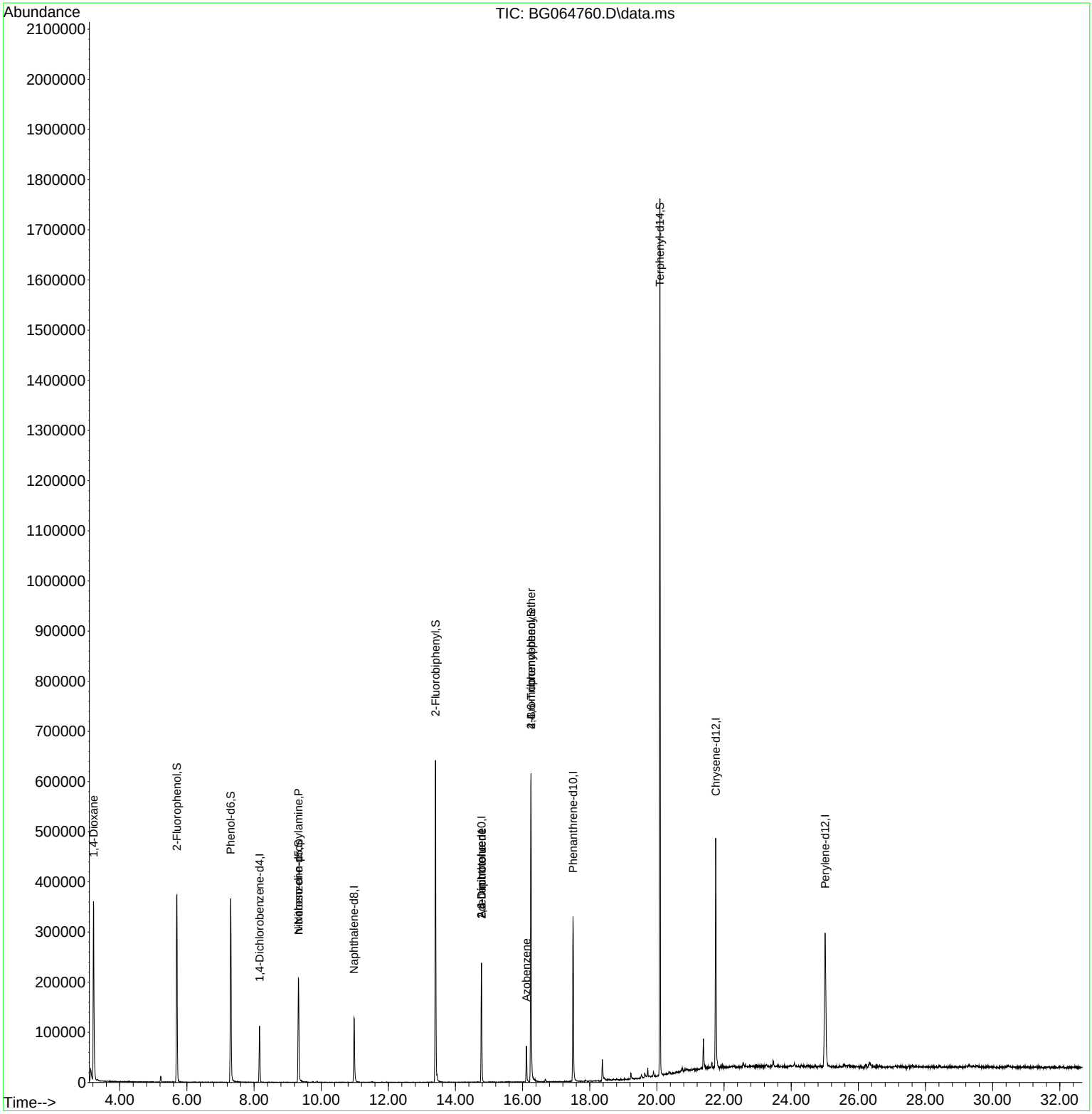
(#) = qualifier out of range (m) = manual integration (+) = signals summed

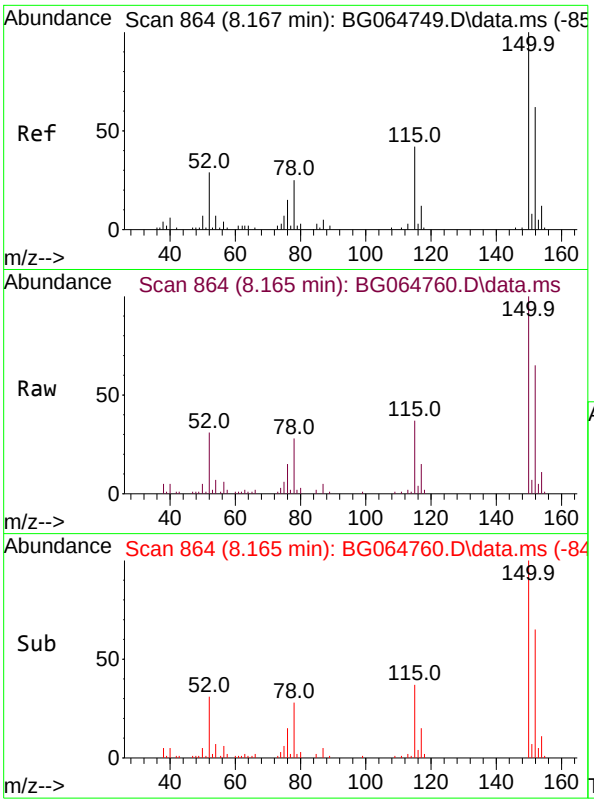
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064760.D
Acq On : 13 Nov 2025 17:22
Operator : RC/JU
Sample : Q3609-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 05:01:20 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



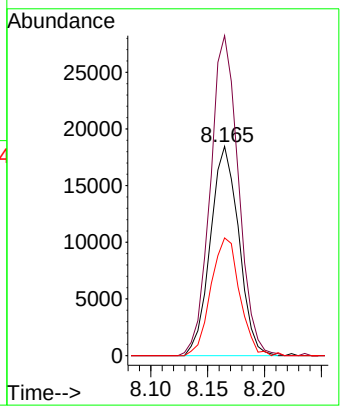


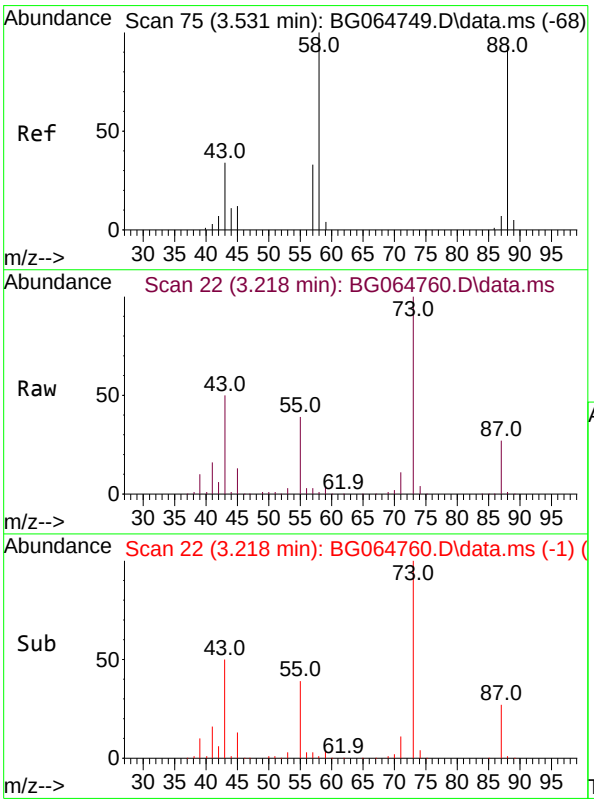
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 32026

Ion	Ratio	Lower	Upper
152	100		
150	152.9	129.2	193.8
115	56.2	53.7	80.5

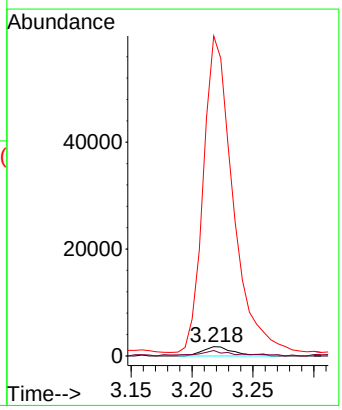


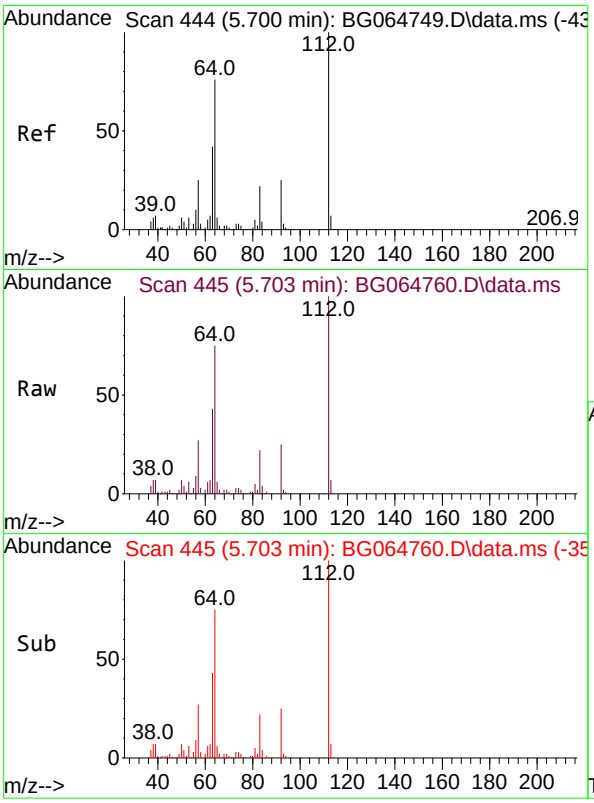


#2
1,4-Dioxane
Concen: 4.313 ng
RT: 3.218 min Scan# 22
Delta R.T. -0.314 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Tgt Ion: 88 Resp: 3062

Ion	Ratio	Lower	Upper
88	100		
58	70.9	84.6	126.8#
43	3271.7	30.0	45.0#



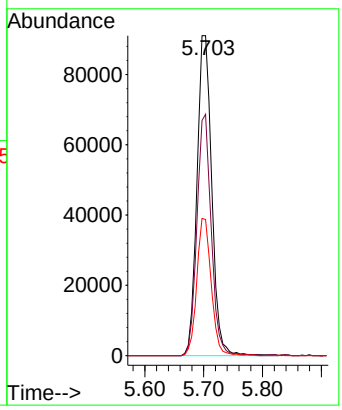


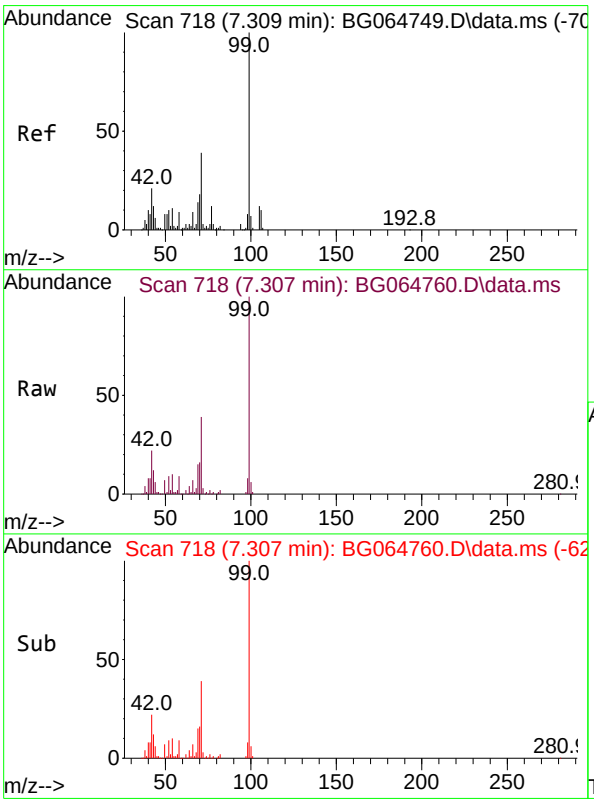
#5
2-Fluorophenol
Concen: 86.548 ng
RT: 5.703 min Scan# 44
Delta R.T. 0.003 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 158731

Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.0	91.4
63	42.5	33.3	49.9

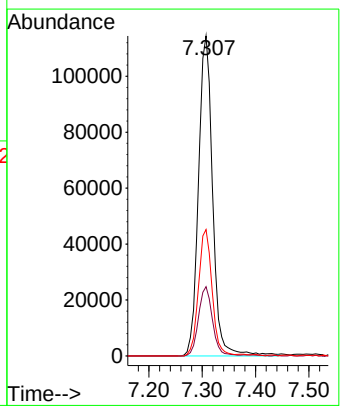


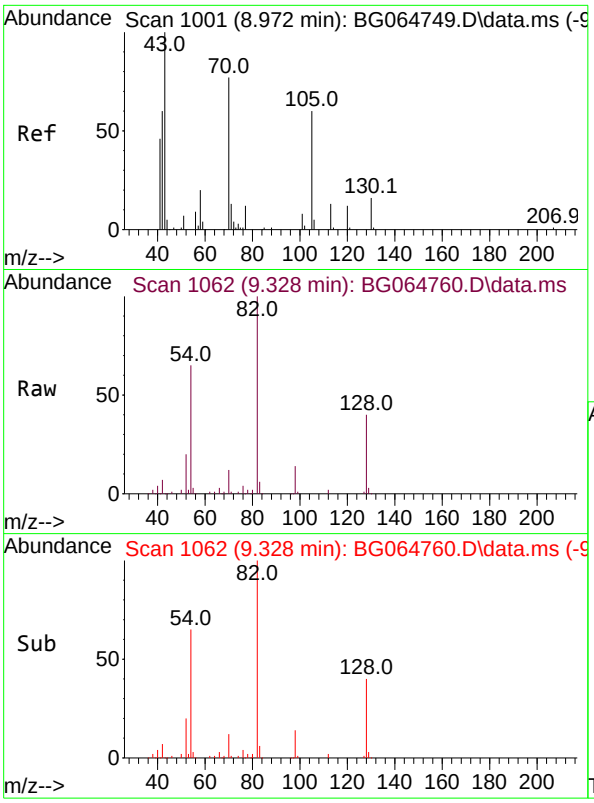


#7
Phenol-d6
Concen: 86.571 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Tgt Ion: 99 Resp: 211175

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.8	25.2
71	39.5	31.1	46.7



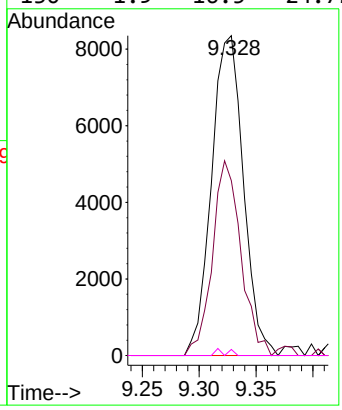


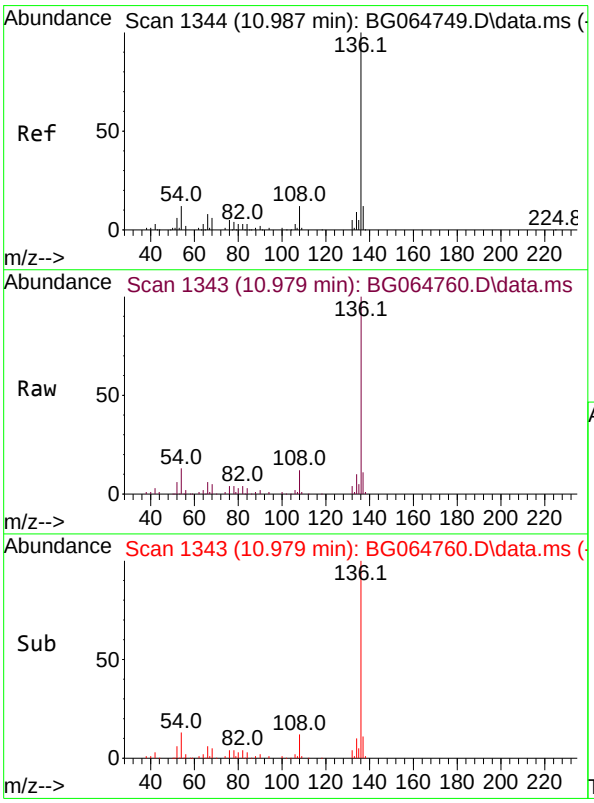
#19
n-Nitroso-di-n-propylamine
Concen: 9.869 ng
RT: 9.328 min Scan# 10
Delta R.T. 0.356 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 16277

Ion	Ratio	Lower	Upper
70	100		
42	54.7	62.6	93.8#
101	0.0	8.0	12.0#
130	1.9	16.5	24.7#

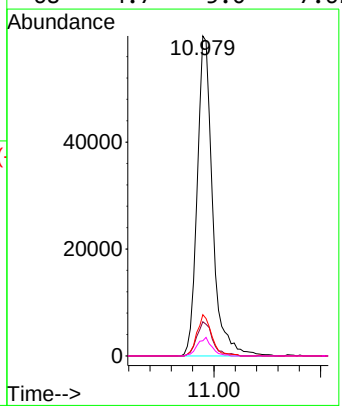


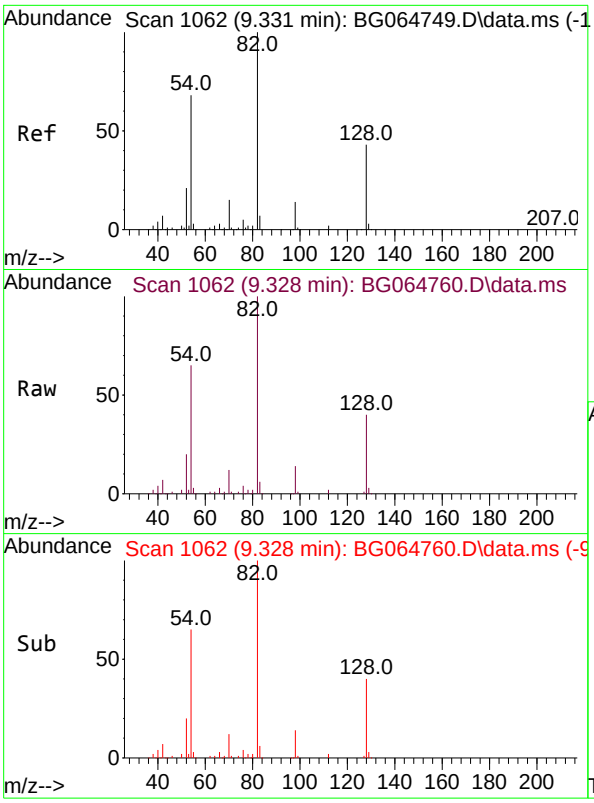


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Tgt Ion:136 Resp: 119447

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	12.9	9.3	13.9
68	4.7	5.0	7.6#



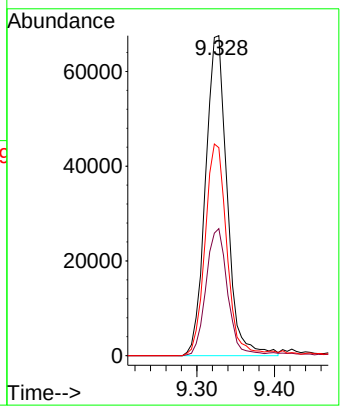


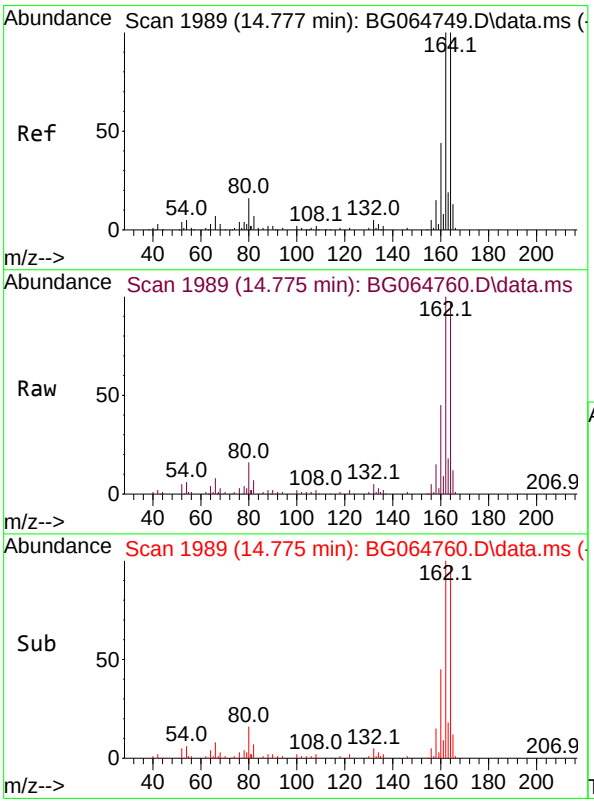
#23
Nitrobenzene-d5
Concen: 54.100 ng
RT: 9.328 min Scan# 10
Delta R.T. -0.002 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 130699

Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.1	51.1
54	65.0	54.3	81.5

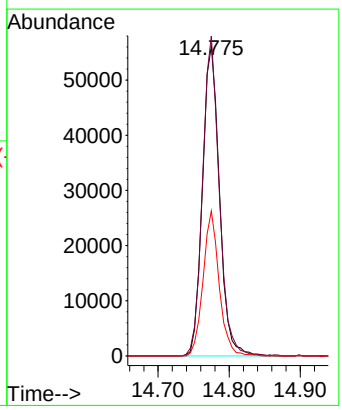


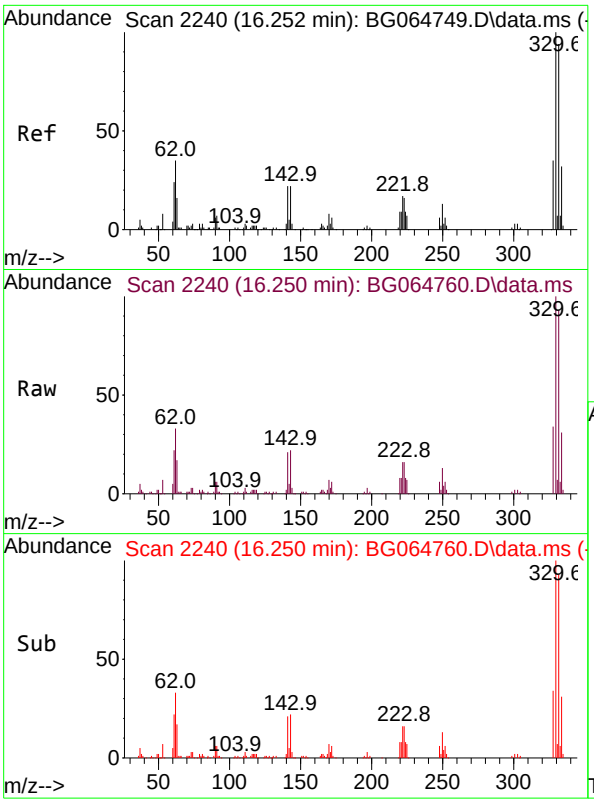


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Tgt Ion:164 Resp: 93146

Ion	Ratio	Lower	Upper
164	100		
162	103.3	79.8	119.6
160	46.8	34.9	52.3



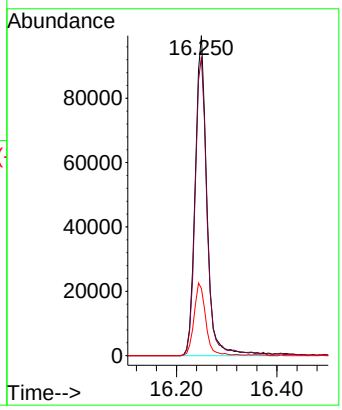


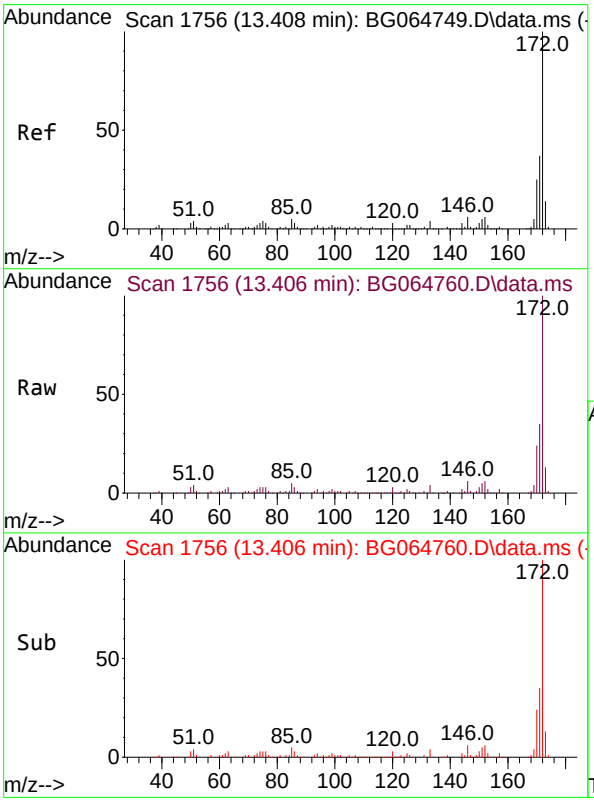
#42
2,4,6-Tribromophenol
Concen: 89.343 ng
RT: 16.250 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 162303

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	22.3	18.2	27.2

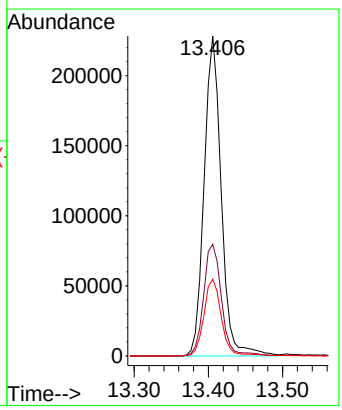


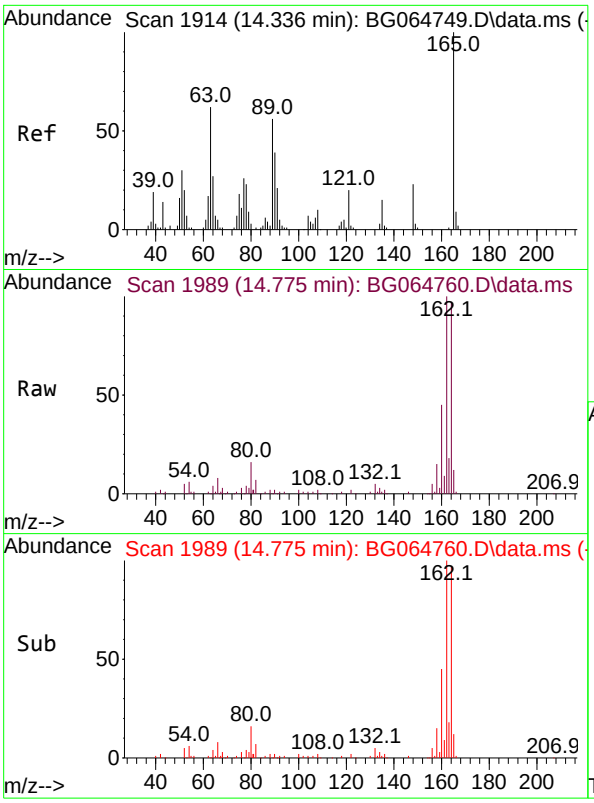


#45
2-Fluorobiphenyl
Concen: 54.773 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Tgt Ion:172 Resp: 365640

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	24.0	19.8	29.6



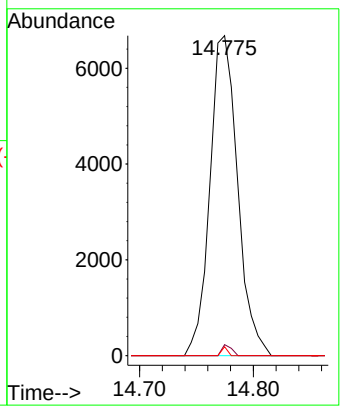


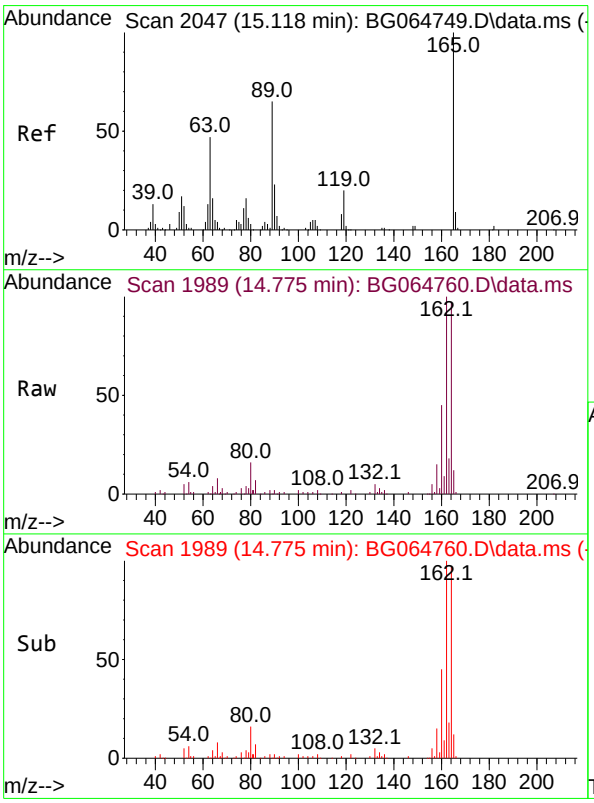
#51
2,6-Dinitrotoluene
Concen: 7.992 ng
RT: 14.775 min Scan# 19
Delta R.T. 0.438 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11316

Ion	Ratio	Lower	Upper
165	100		
63	3.4	49.8	74.8#
89	2.8	45.0	67.4#

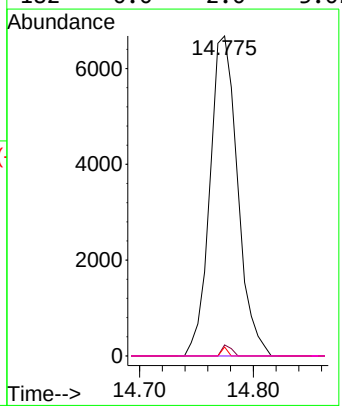


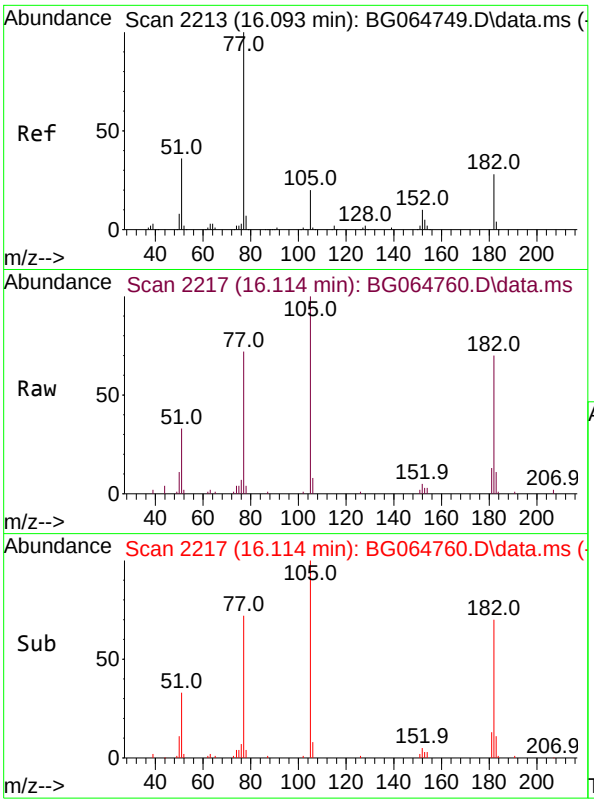


#57
2,4-Dinitrotoluene
Concen: 5.331 ng
RT: 14.775 min Scan# 1989
Delta R.T. -0.343 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Tgt Ion:165 Resp: 11316

Ion	Ratio	Lower	Upper
165	100		
63	3.4	37.8	56.6#
89	2.8	51.6	77.4#
182	0.0	2.0	3.0#



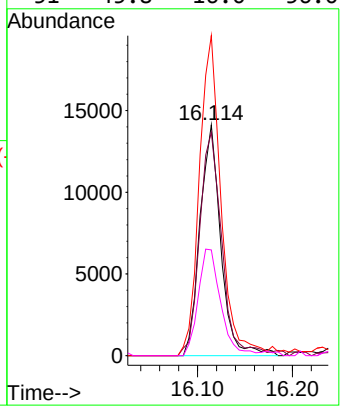


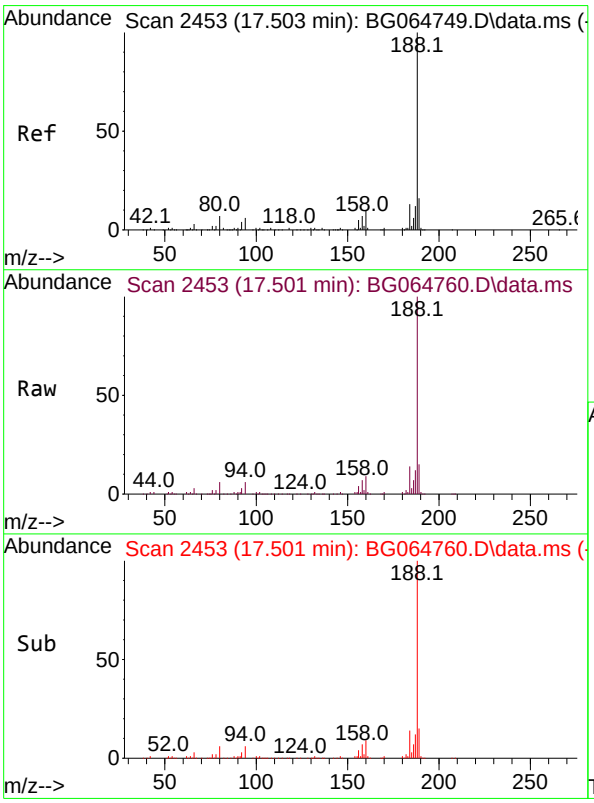
#63
Azobenzene
Concen: 3.683 ng
RT: 16.114 min Scan# 2
Delta R.T. 0.021 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 21592

Ion	Ratio	Lower	Upper
77	100		
182	96.8	8.1	48.1#
105	138.7	0.1	40.1#
51	45.8	16.0	56.0

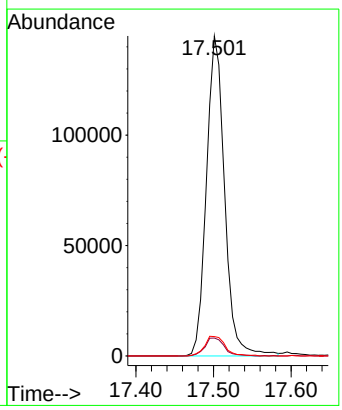


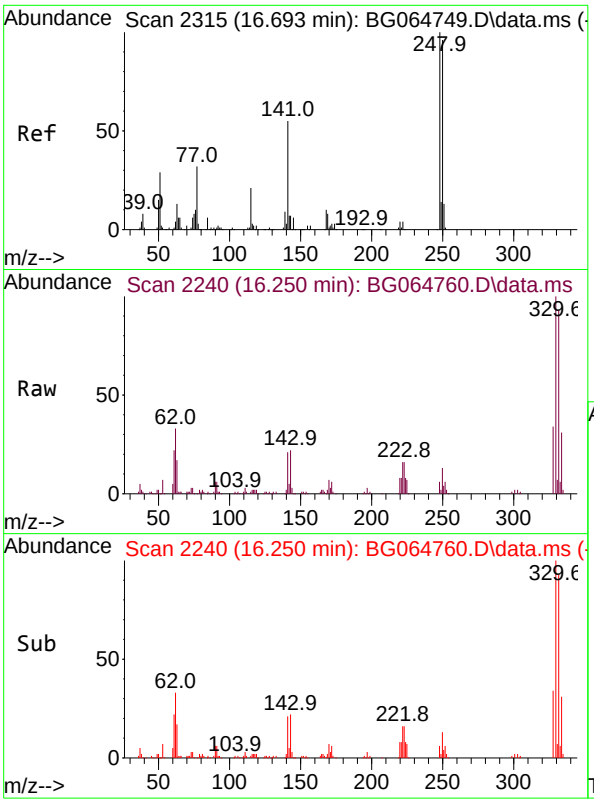


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Tgt Ion:188 Resp: 235739

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.7	7.1
80	6.0	5.4	8.2



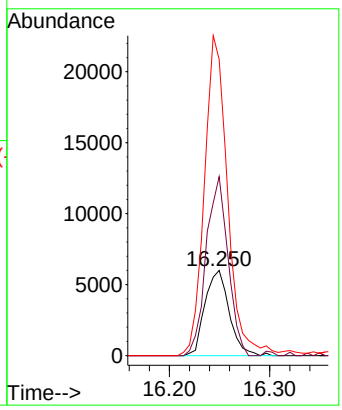


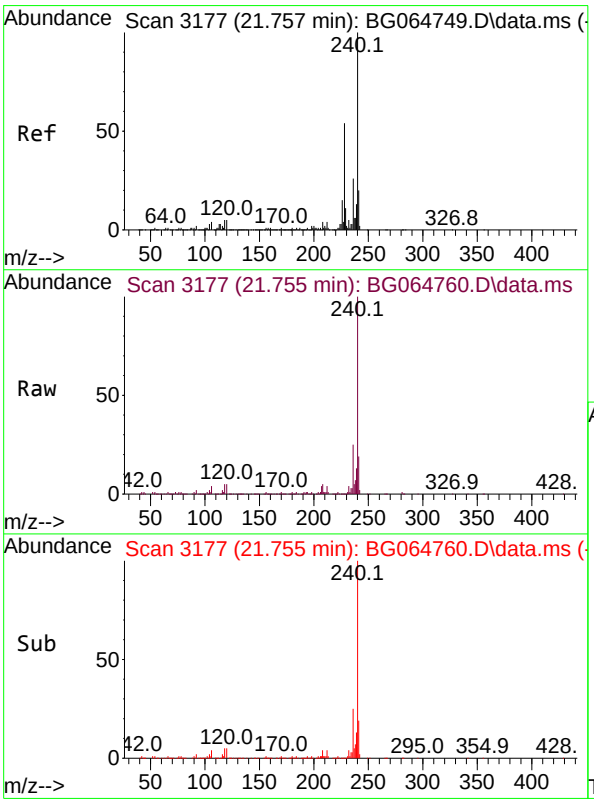
#67
4-Bromophenyl-phenylether
Concen: 3.251 ng
RT: 16.250 min Scan# 2
Delta R.T. -0.443 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10063

Ion	Ratio	Lower	Upper
248	100		
250	210.4	77.0	115.6#
141	271.6	43.7	65.5#

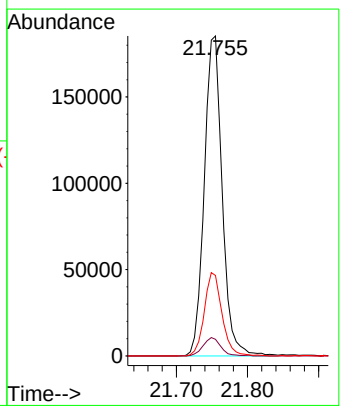


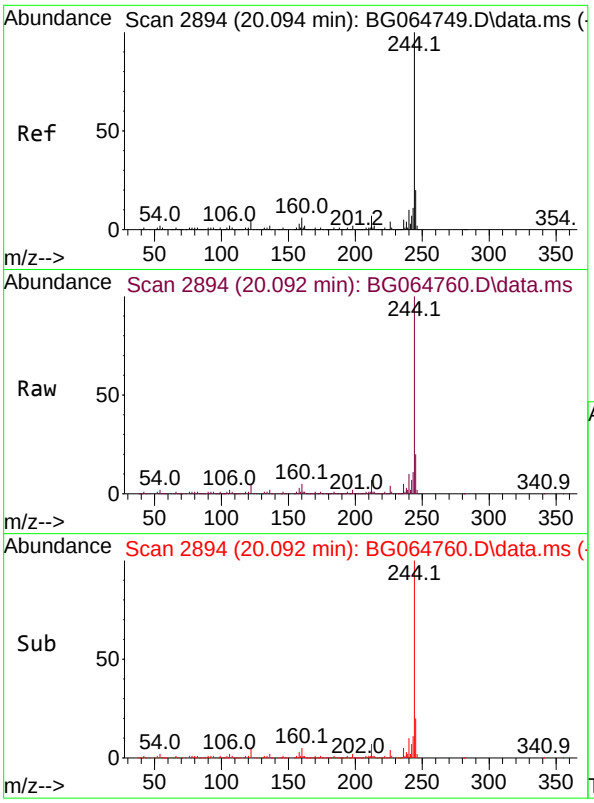


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.755 min Scan# 3177
Delta R.T. -0.002 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Tgt Ion:240 Resp: 324228

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.2	6.4
236	25.1	20.8	31.2



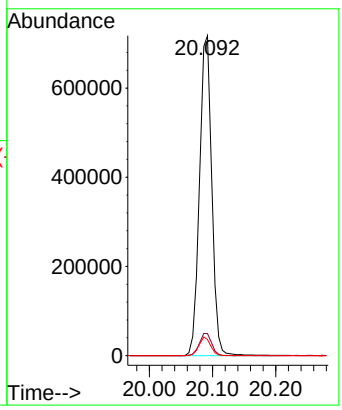


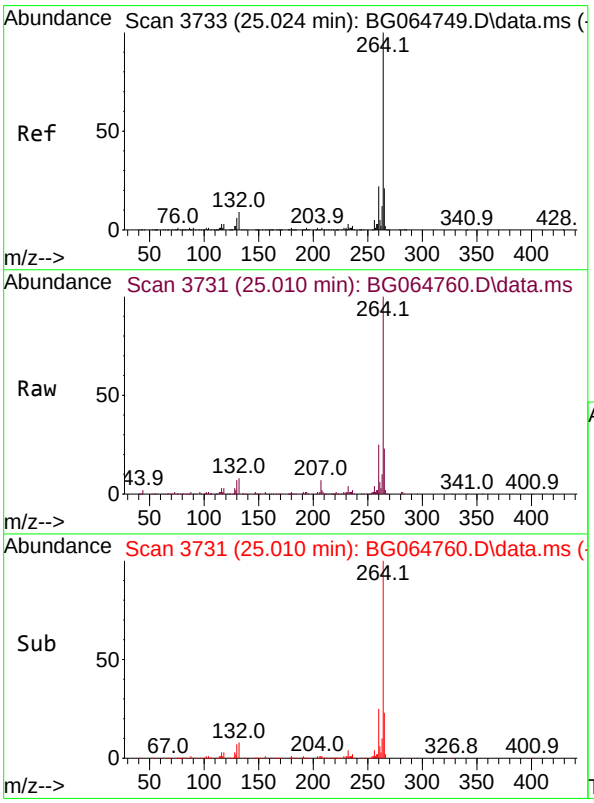
#79
Terphenyl-d14
Concen: 58.577 ng
RT: 20.092 min Scan# 28
Delta R.T. -0.002 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 965500

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.010 min Scan# 3731
Delta R.T. -0.014 min
Lab File: BG064760.D
Acq: 13 Nov 2025 17:22

Tgt Ion:264 Resp: 339738

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.2	25.8
265	23.0	16.6	25.0