Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064602.D
Acq On : 28 Oct 2025 15:10
Operator : RC/JU
Sample : Q3460-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-4

Quant Time: Oct 28 15:45:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	40793	20.000	ng	0.00
21) Naphthalene-d8	11.039	136	149093	20.000	ng	-0.01
39) Acenaphthene-d10	14.841	164	104779	20.000	ng	0.00
64) Phenanthrene-d10	17.573	188	228288	20.000	ng	0.00
76) Chrysene-d12	21.844	240	303232	20.000	ng	-0.02
86) Perylene-d12	25.182	264	339387	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.751	112	310033	127.568	ng	0.00
7) Phenol-d6	7.350	99	382638	114.737	ng	0.00
23) Nitrobenzene-d5	9.377	82	263389	106.107	ng	-0.01
42) 2,4,6-Tribromophenol	16.316	330	206728	136.700	ng	0.00
45) 2-Fluorobiphenyl	13.466	172	645127	93.325	ng	-0.01
79) Terphenyl-d14	20.164	244	1298985	80.842	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.301	88	17169	15.957	ng	# 1
19) n-Nitroso-di-n-propyla...	9.377	70	34493	14.966	ng	# 75
32) Benzoic acid	10.223	122	877	7.387	ng	95
48) 2-Nitroaniline	13.895	65	58	3.254	ng	# 10
51) 2,6-Dinitrotoluene	14.835	165	13917	13.013	ng	# 18
54) 2,4-Dinitrophenol	15.346	184	55	5.635	ng	# 1
57) 2,4-Dinitrotoluene	14.835	165	13917	9.422	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.316	198	530	5.895	ng	# 1
67) 4-Bromophenyl-phenylether	16.316	248	13120	4.850	ng	# 1
77) Benzidine	20.164	184	20424	3.006	ng	# 97

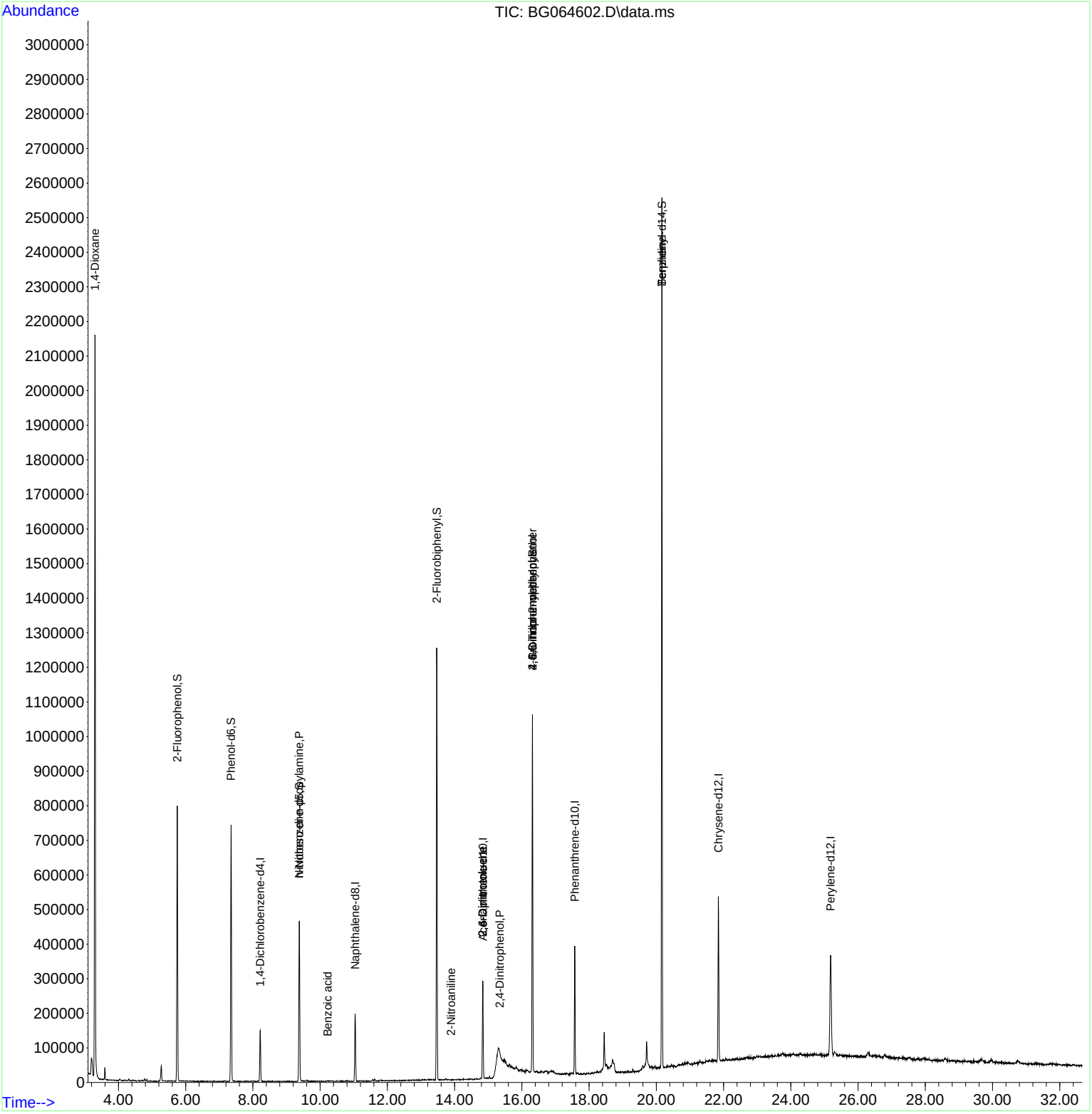
(#) = qualifier out of range (m) = manual integration (+) = signals summed

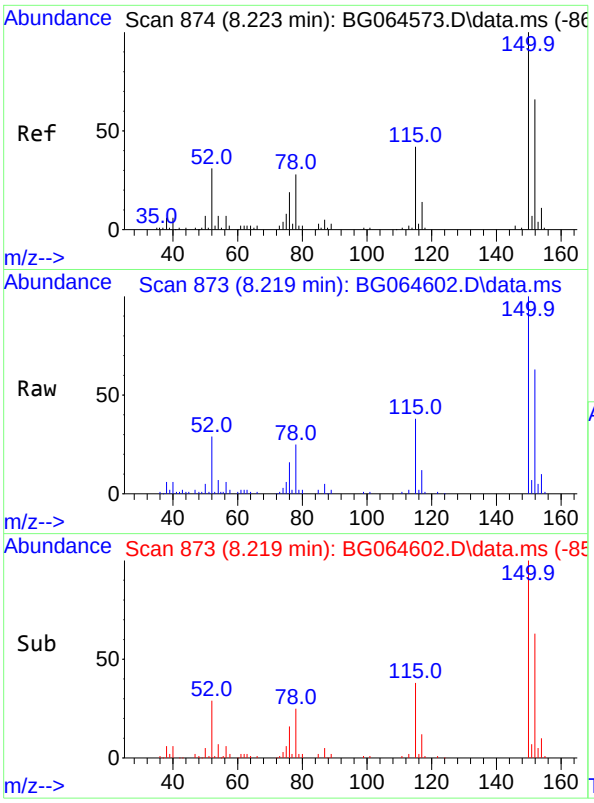
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064602.D
Acq On : 28 Oct 2025 15:10
Operator : RC/JU
Sample : Q3460-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-4

Quant Time: Oct 28 15:45:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



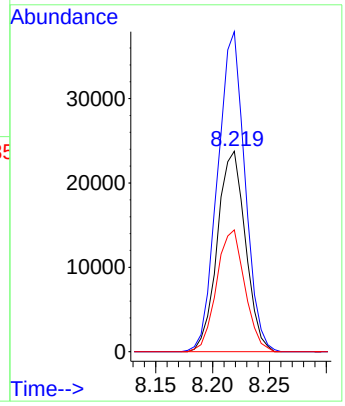


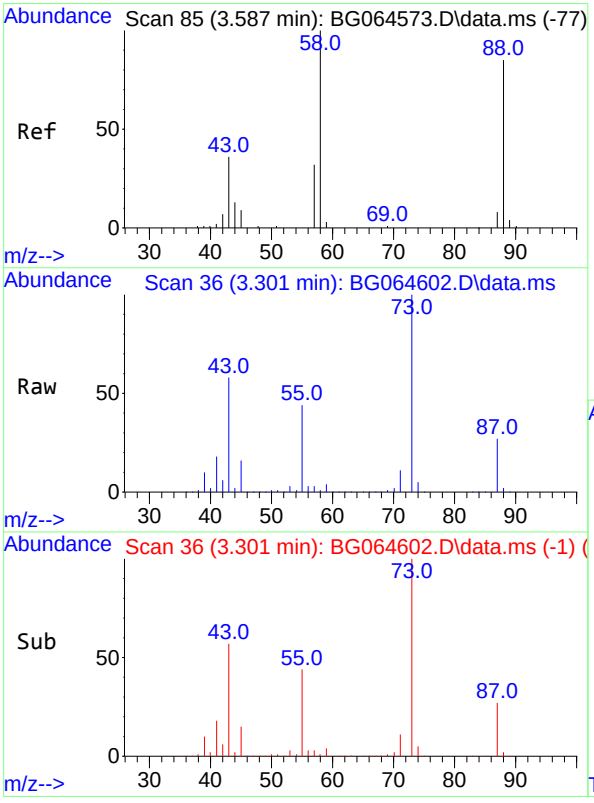
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion:152 Resp: 40793

Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.2	183.4
115	60.8	50.8	76.2

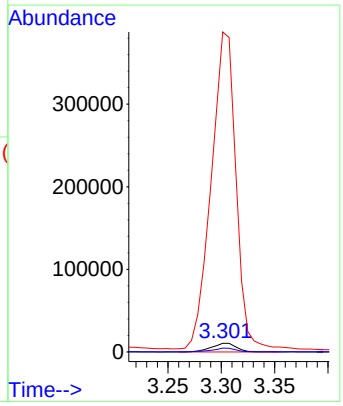


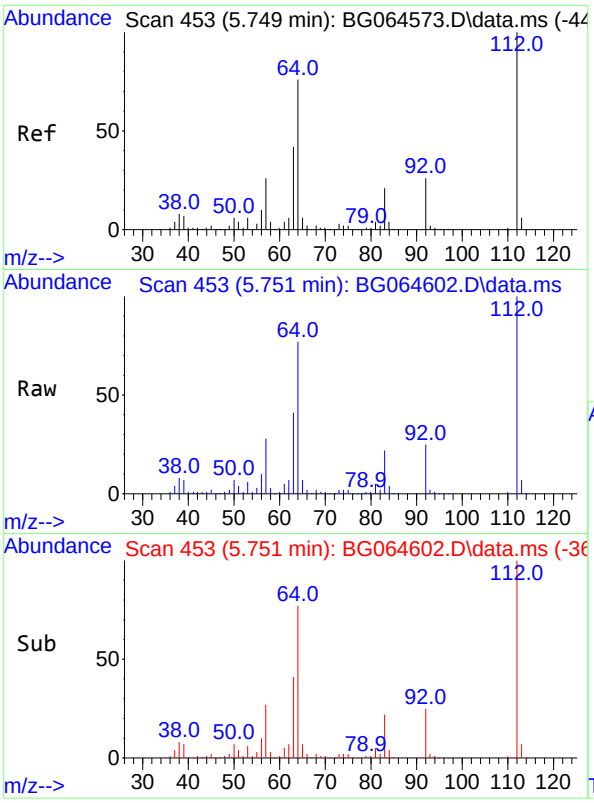


#2
1,4-Dioxane
Concen: 15.957 ng
RT: 3.301 min Scan# 36
Delta R.T. -0.289 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion: 88 Resp: 17169

Ion	Ratio	Lower	Upper
88	100		
58	45.8	92.4	138.6#
43	3652.6	33.0	49.6#



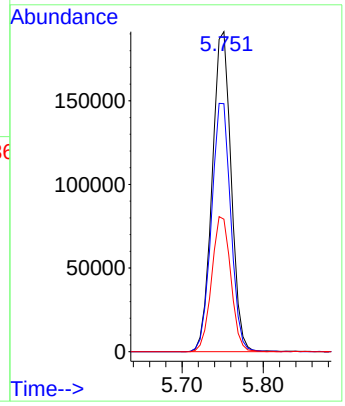


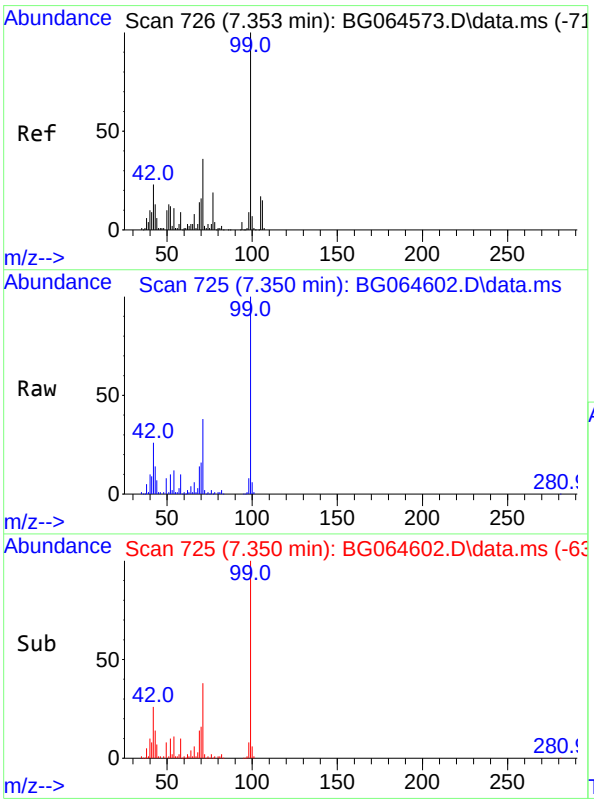
#5
2-Fluorophenol
Concen: 127.568 ng
RT: 5.751 min Scan# 4
Delta R.T. 0.004 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion:112 Resp: 310033

Ion	Ratio	Lower	Upper
112	100		
64	77.5	60.7	91.1
63	41.4	33.4	50.0

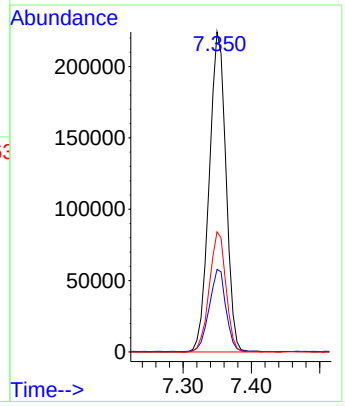


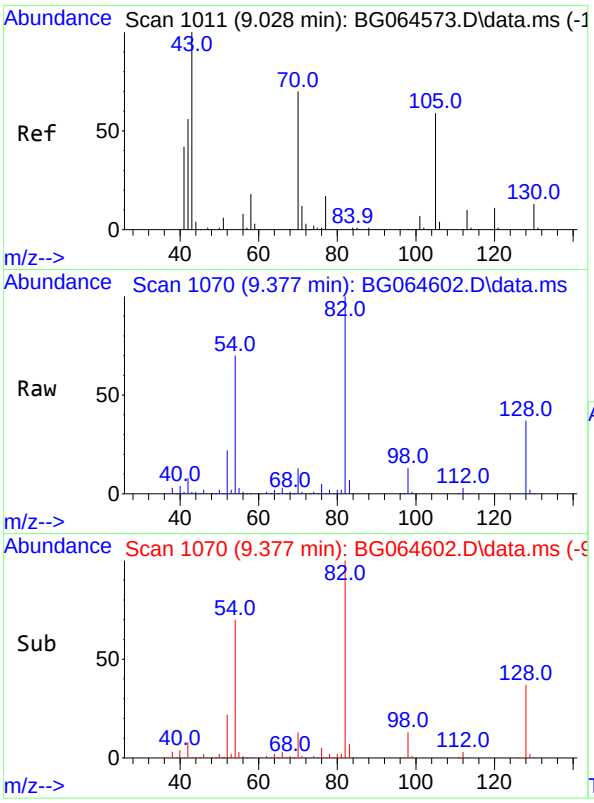


#7
Phenol-d6
Concen: 114.737 ng
RT: 7.350 min Scan# 725
Delta R.T. -0.007 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion: 99 Resp: 382638

Ion	Ratio	Lower	Upper
99	100		
42	25.8	18.3	27.5
71	37.5	28.6	43.0



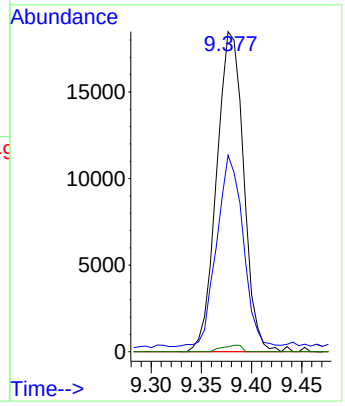


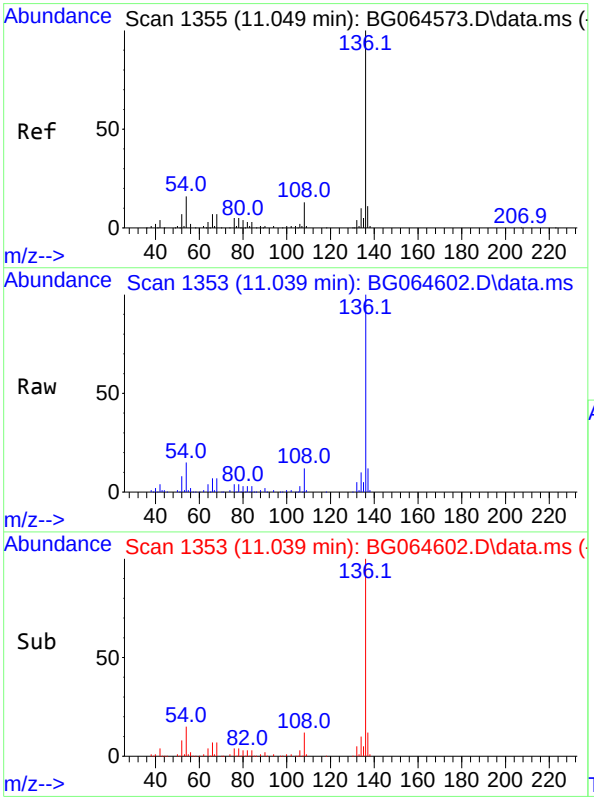
#19
n-Nitroso-di-n-propylamine
Concen: 14.966 ng
RT: 9.377 min Scan# 1
Delta R.T. 0.345 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion: 70 Resp: 34493

Ion	Ratio	Lower	Upper
70	100		
42	61.4	65.2	97.8#
101	0.0	7.9	11.9#
130	1.5	14.3	21.5#

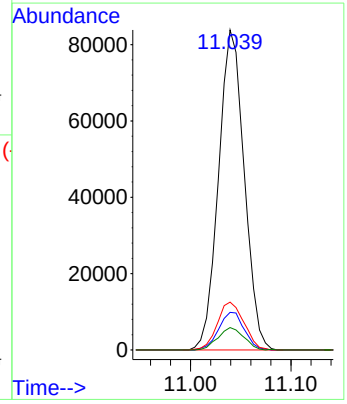


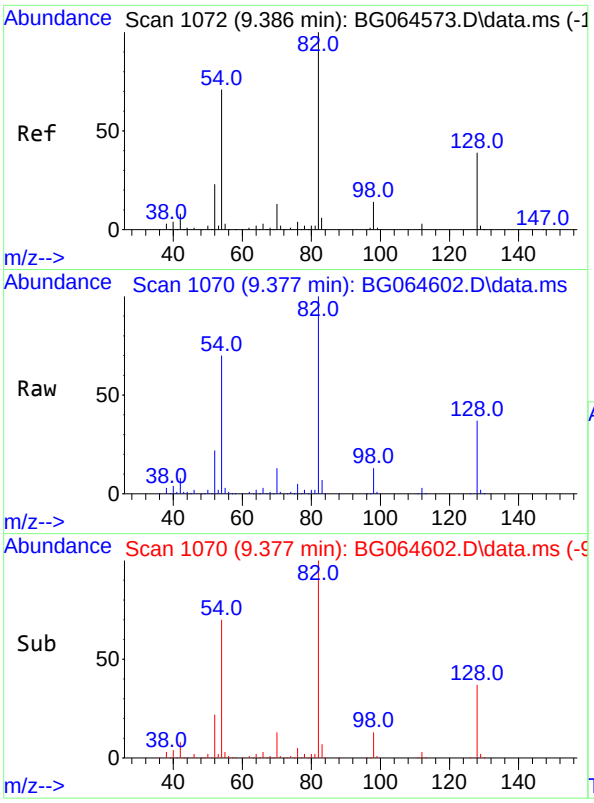


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.039 min Scan# 1353
Delta R.T. -0.013 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:136 Resp: 149093

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	15.0	12.6	19.0
68	7.0	5.7	8.5



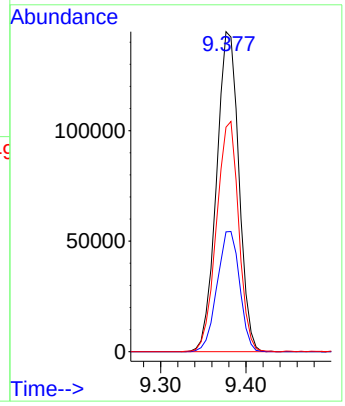


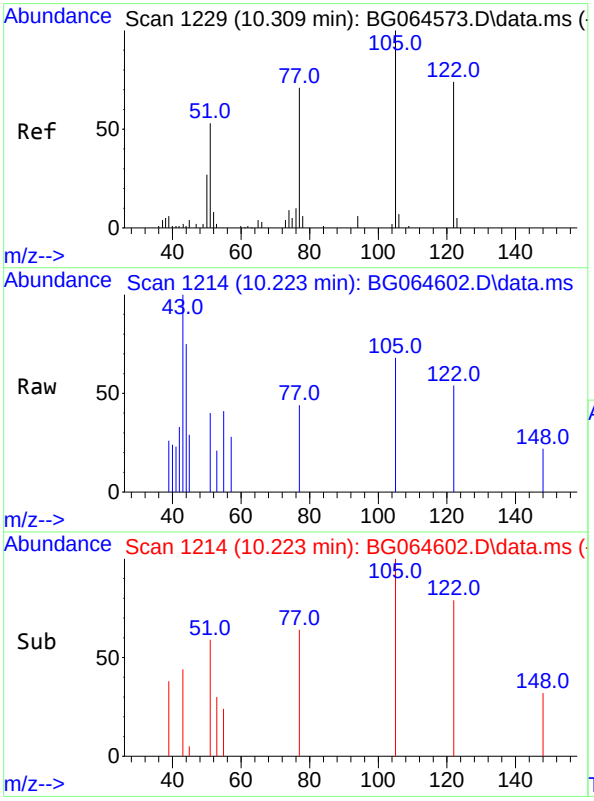
#23
Nitrobenzene-d5
Concen: 106.107 ng
RT: 9.377 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion: 82 Resp: 263389

Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.3	46.9
54	70.2	56.6	84.8

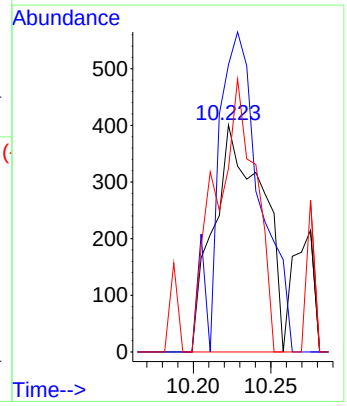


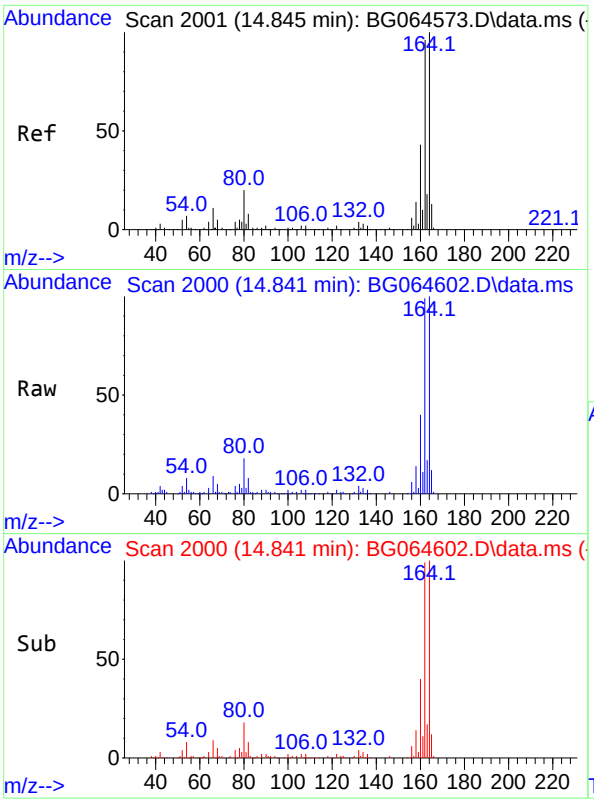


#32
Benzoic acid
Concen: 7.387 ng
RT: 10.223 min Scan# 1214
Delta R.T. -0.119 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:122 Resp: 877

Ion	Ratio	Lower	Upper
122	100		
105	126.4	104.2	144.2
77	80.8	70.2	110.2



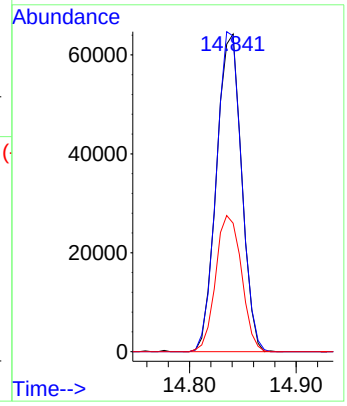


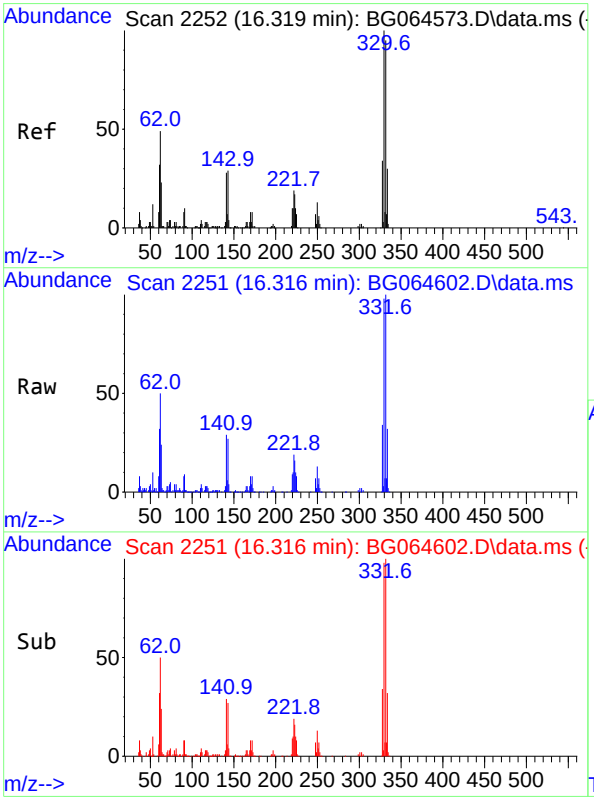
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion:164 Resp: 104779

Ion	Ratio	Lower	Upper
164	100		
162	99.4	77.0	115.6
160	40.4	34.4	51.6

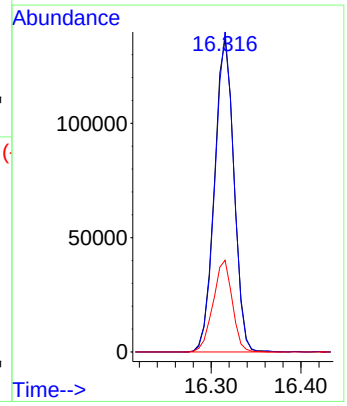


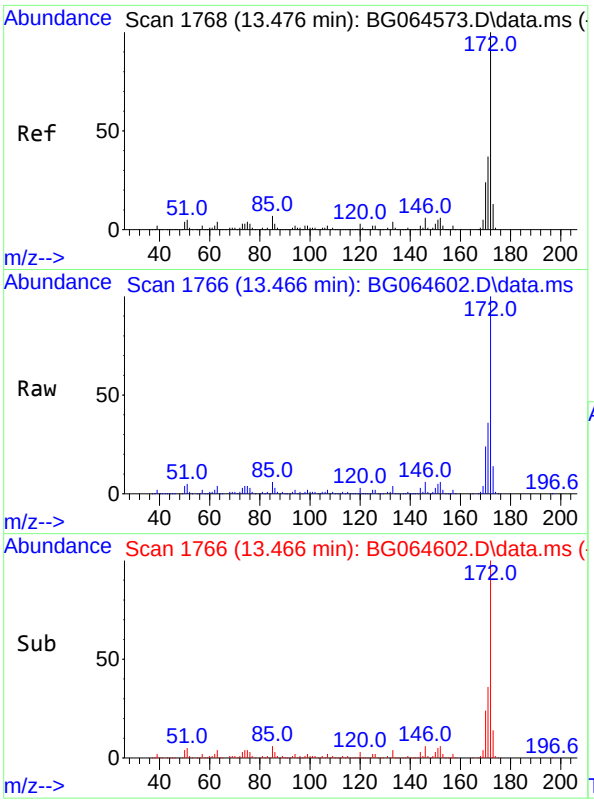


#42
2,4,6-Tribromophenol
Concen: 136.700 ng
RT: 16.316 min Scan# 2251
Delta R.T. -0.008 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:330 Resp: 206728

Ion	Ratio	Lower	Upper
330	100		
332	98.8	78.0	117.0
141	28.7	21.8	32.6



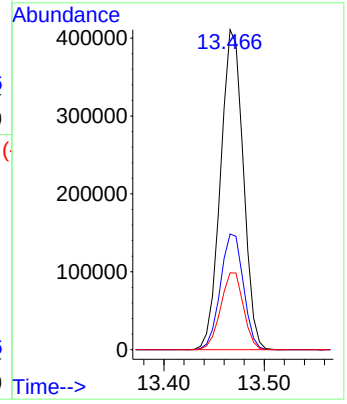


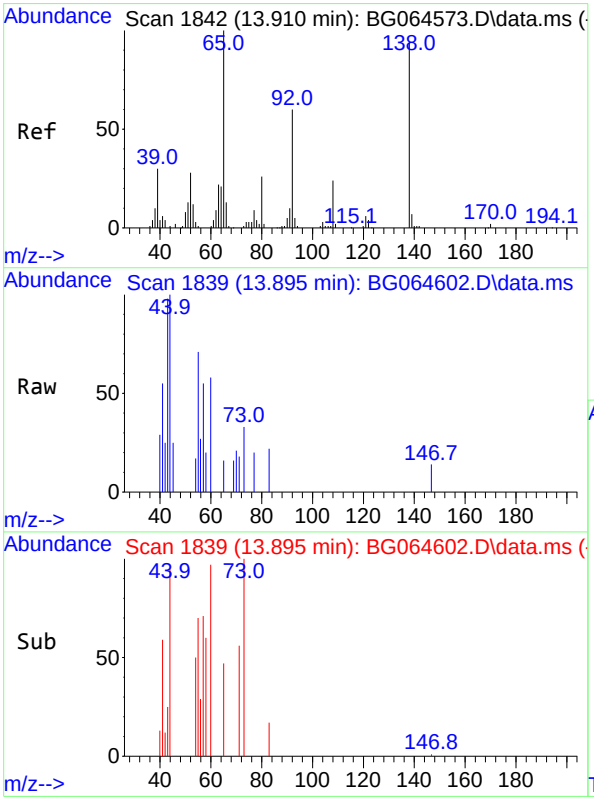
#45
2-Fluorobiphenyl
Concen: 93.325 ng
RT: 13.466 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion:172 Resp: 645127

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.0	19.1	28.7

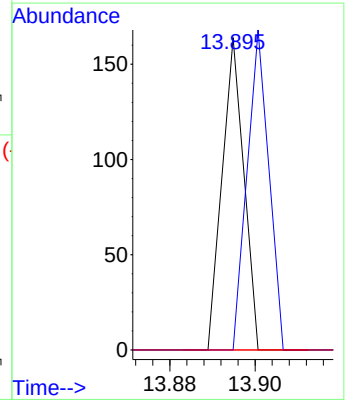


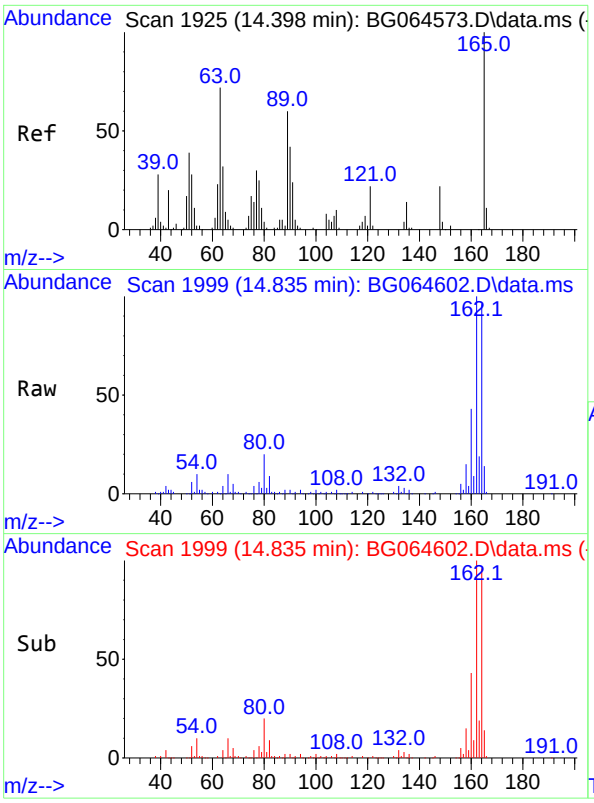


#48
2-Nitroaniline
Concen: 3.254 ng
RT: 13.895 min Scan# 1839
Delta R.T. -0.019 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion: 65 Resp: 58

Ion	Ratio	Lower	Upper
65	100		
92	0.0	48.3	72.5#
138	0.0	74.9	112.3#



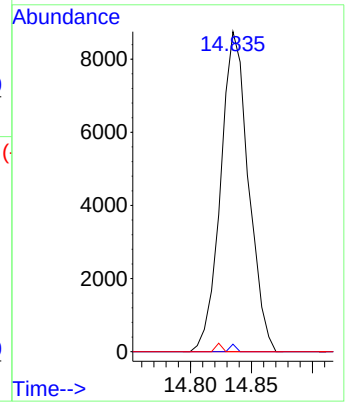


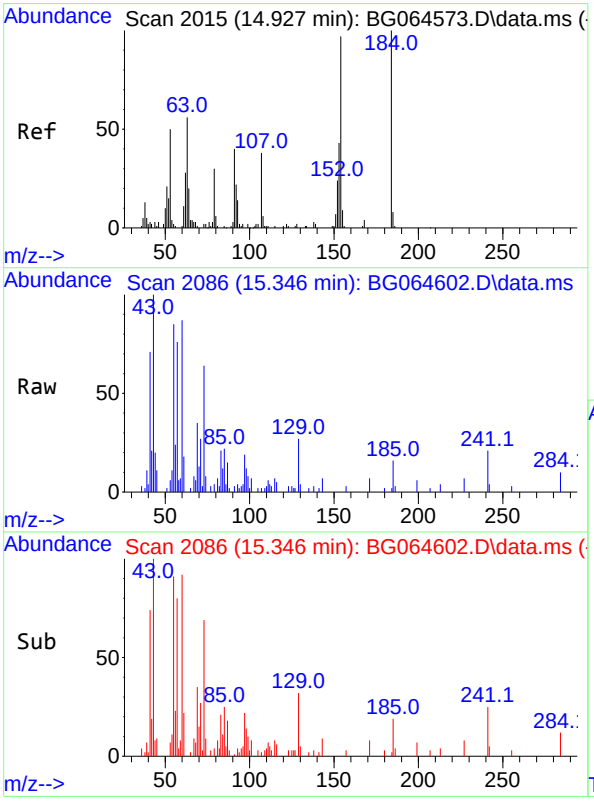
#51
2,6-Dinitrotoluene
Concen: 13.013 ng
RT: 14.835 min Scan# 1
Delta R.T. 0.433 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion:165 Resp: 13917

Ion	Ratio	Lower	Upper
165	100		
63	2.3	57.4	86.0#
89	0.0	47.8	71.8#

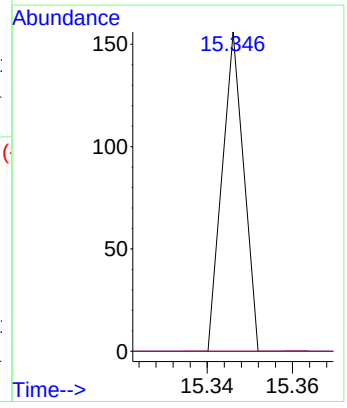


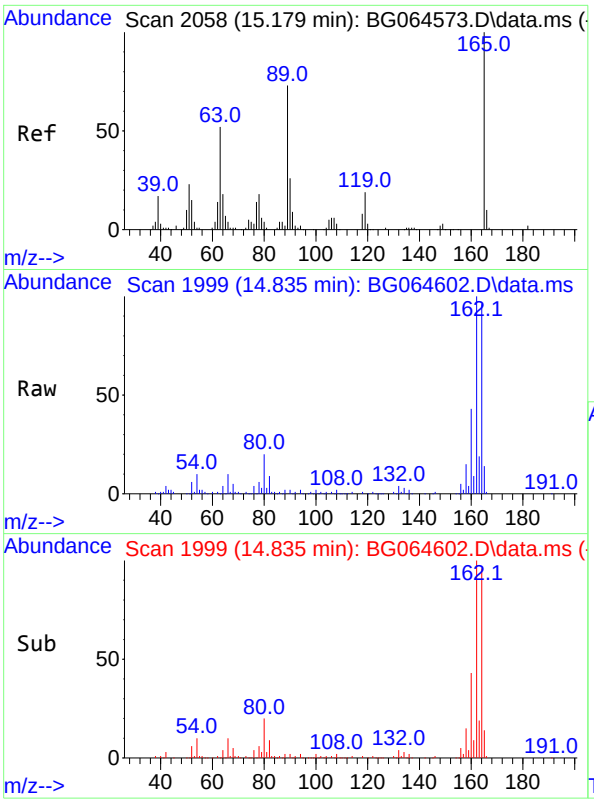


#54
2,4-Dinitrophenol
Concen: 5.635 ng
RT: 15.346 min Scan# 2086
Delta R.T. 0.416 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	56.6	85.0#
154	0.0	158.6	238.0#



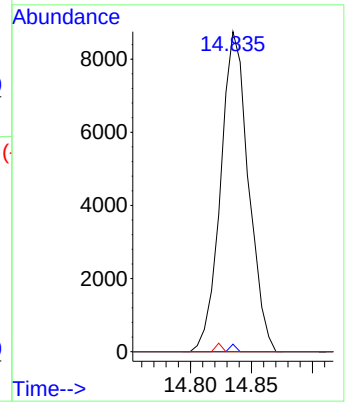


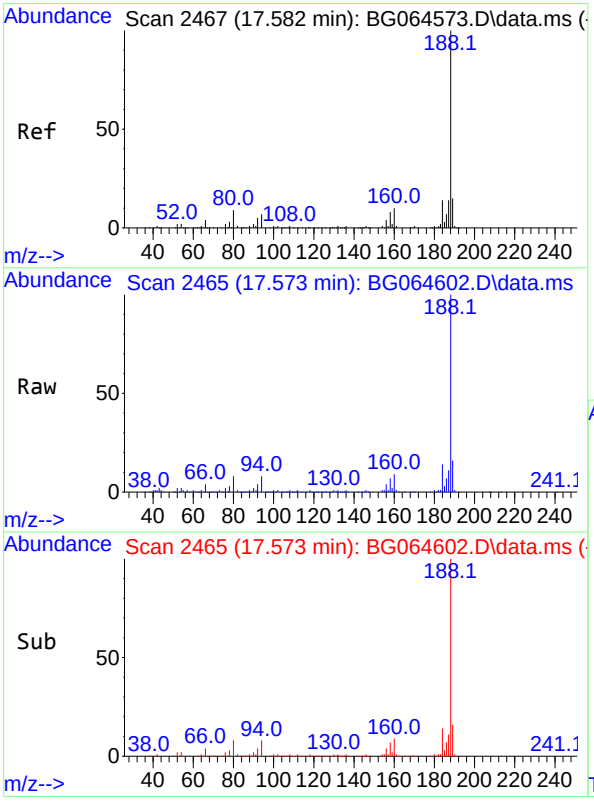
#57
2,4-Dinitrotoluene
Concen: 9.422 ng
RT: 14.835 min Scan# 1
Delta R.T. -0.354 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion:165 Resp: 13917

Ion	Ratio	Lower	Upper
165	100		
63	2.3	41.8	62.8#
89	0.0	58.1	87.1#
182	0.0	1.4	2.0#

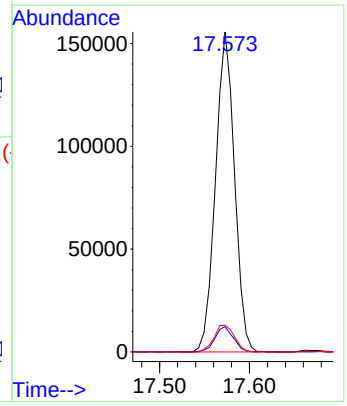


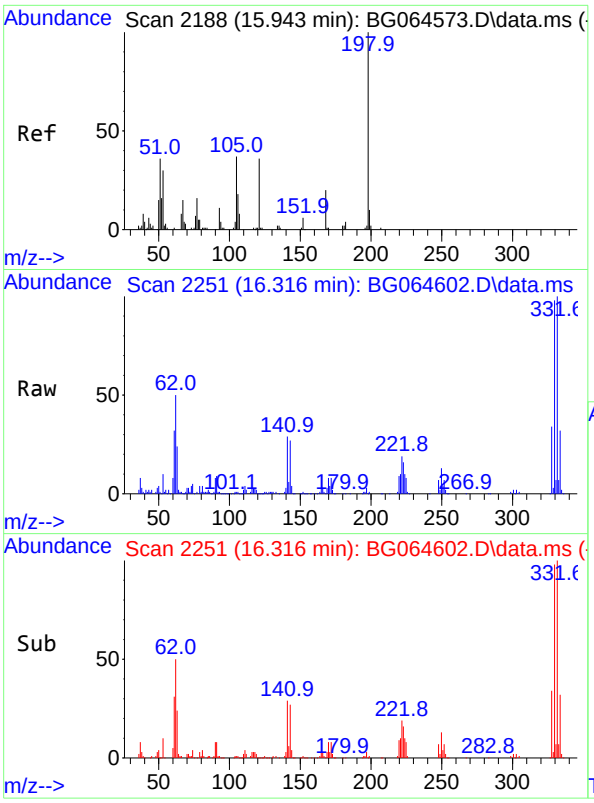


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.573 min Scan# 2465
Delta R.T. -0.007 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:188 Resp: 228288

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.7	8.5
80	8.3	6.8	10.2



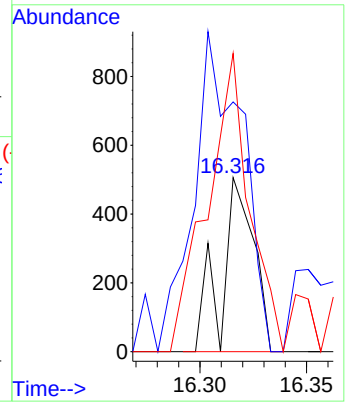


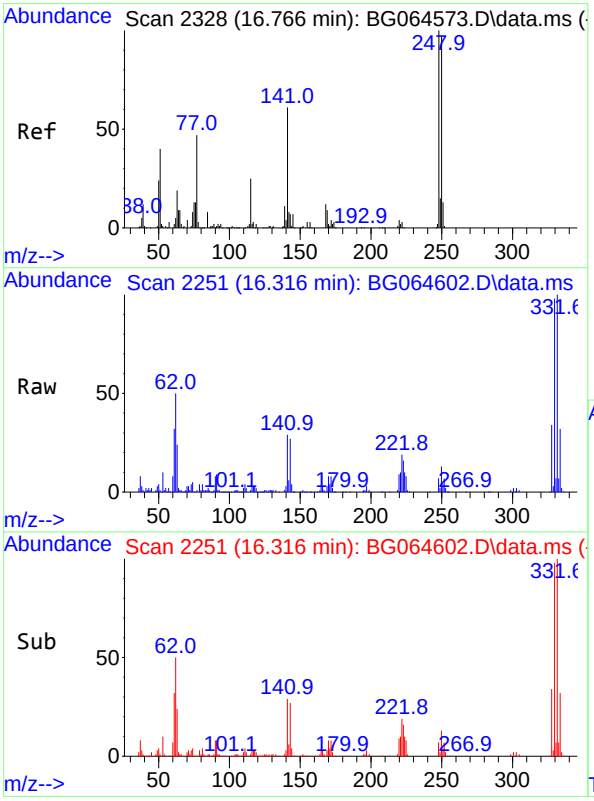
#65
4,6-Dinitro-2-methylphenol
Concen: 5.895 ng
RT: 16.316 min Scan# 2
Delta R.T. 0.369 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion:198 Resp: 530

Ion	Ratio	Lower	Upper
198	100		
51	143.5	24.7	64.7#
105	171.3	18.0	58.0#

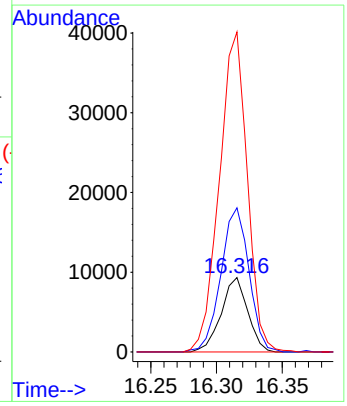


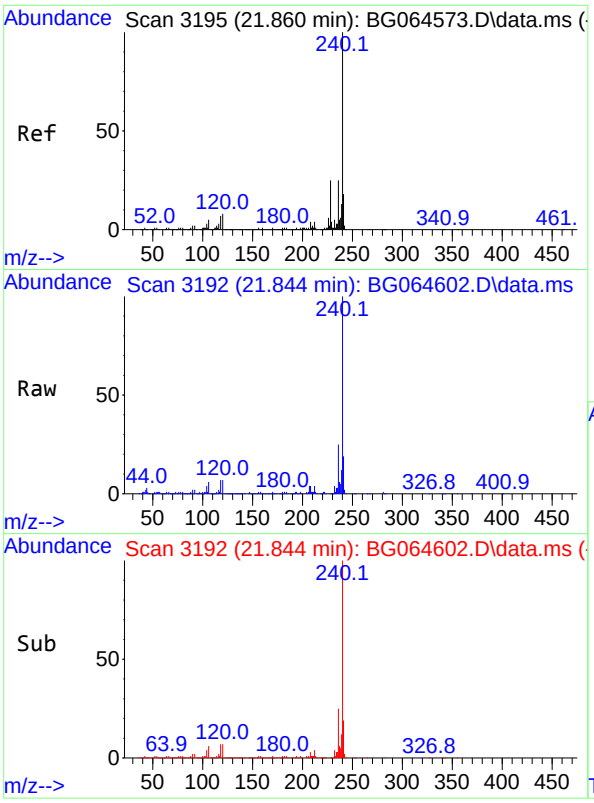


#67
4-Bromophenyl-phenylether
Concen: 4.850 ng
RT: 16.316 min Scan# 2251
Delta R.T. -0.454 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:248 Resp: 13120

Ion	Ratio	Lower	Upper
248	100		
250	151.8	77.7	116.5#
141	337.1	48.6	72.8#



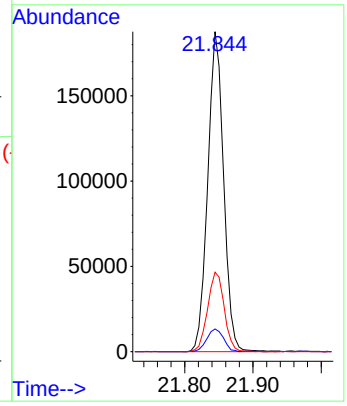


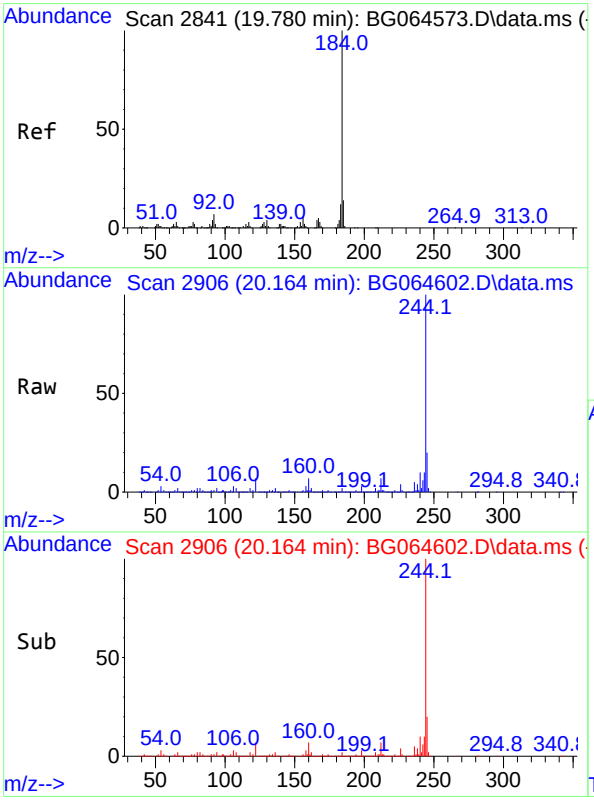
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.844 min Scan# 3
Delta R.T. -0.019 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion:240 Resp: 303232

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.5	9.7
236	24.8	20.2	30.2

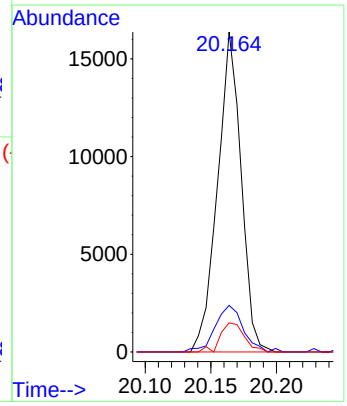


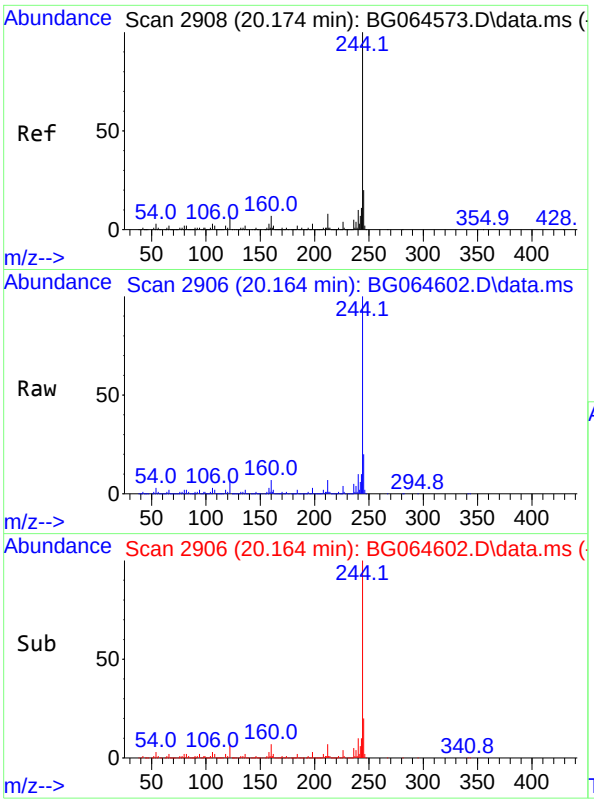


#77
Benzidine
Concen: 3.006 ng
RT: 20.164 min Scan# 2906
Delta R.T. 0.380 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:184 Resp: 20424

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.4	17.2
183	9.1	9.4	14.2#



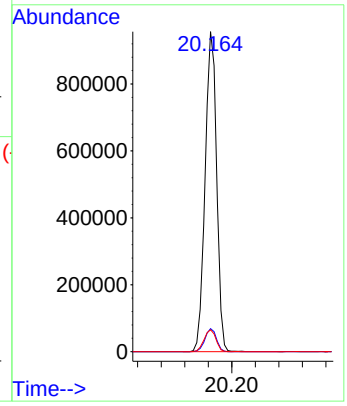


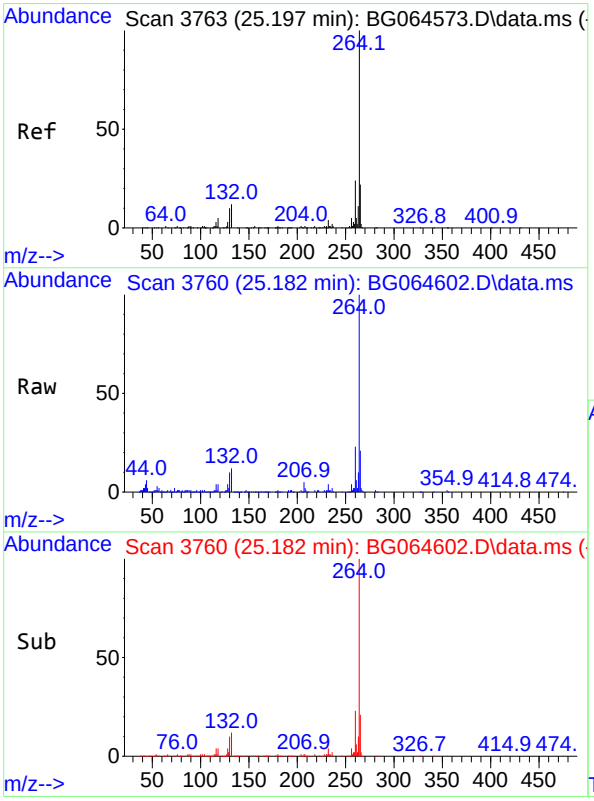
#79
Terphenyl-d14
Concen: 80.842 ng
RT: 20.164 min Scan# 2
Delta R.T. -0.013 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Instrument :
BNA_G
ClientSampleId :
WC-4

Tgt Ion:244 Resp: 1298985

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.8	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.182 min Scan# 3760
Delta R.T. -0.019 min
Lab File: BG064602.D
Acq: 28 Oct 2025 15:10

Tgt Ion:264 Resp: 339387

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.4	17.6	26.4