Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
Data File : BG064652.D
Acq On : 30 Oct 2025 22:35
Operator : RC/JU
Sample : Q3482-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-5

Quant Time: Oct 31 01:50:38 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	8.217	152	32684	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	123384	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	90672	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	202629	20.000	ng	0.00
76) Chrysene-d12	21.848	240	252991	20.000	ng	-0.02
86) Perylene-d12	25.191	264	287493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	138522	71.138	ng	0.00
7) Phenol-d6	7.353	99	206023	77.105	ng	0.00
23) Nitrobenzene-d5	9.380	82	132394	64.449	ng	0.00
42) 2,4,6-Tribromophenol	16.313	330	101690	77.705	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	355780	59.475	ng	0.00
79) Terphenyl-d14	20.162	244	743954	55.495	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.282	88	3276	3.800	ng	# 1
19) n-Nitroso-di-n-propyla...	9.380	70	17709	9.590	ng	# 73
48) 2-Nitroaniline	13.470	65	643	3.592	ng	# 24
51) 2,6-Dinitrotoluene	14.839	165	11857	12.861	ng	# 19
57) 2,4-Dinitrotoluene	14.839	165	11857	9.324	ng	# 22
65) 4,6-Dinitro-2-methylph...	15.673	198	59	5.485	ng	# 34
67) 4-Bromophenyl-phenylether	16.313	248	6736	2.805	ng	# 1

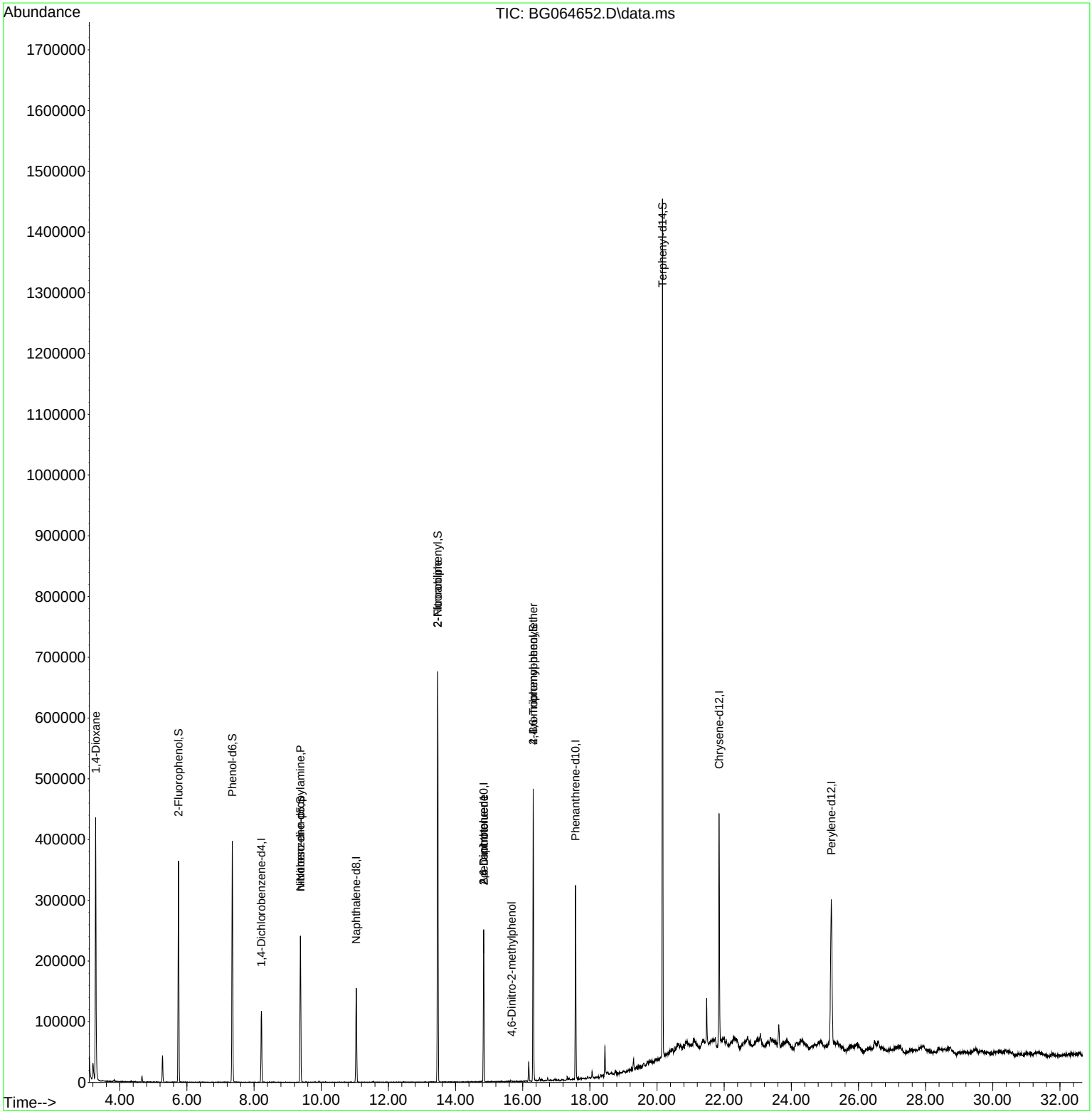
(#) = qualifier out of range (m) = manual integration (+) = signals summed

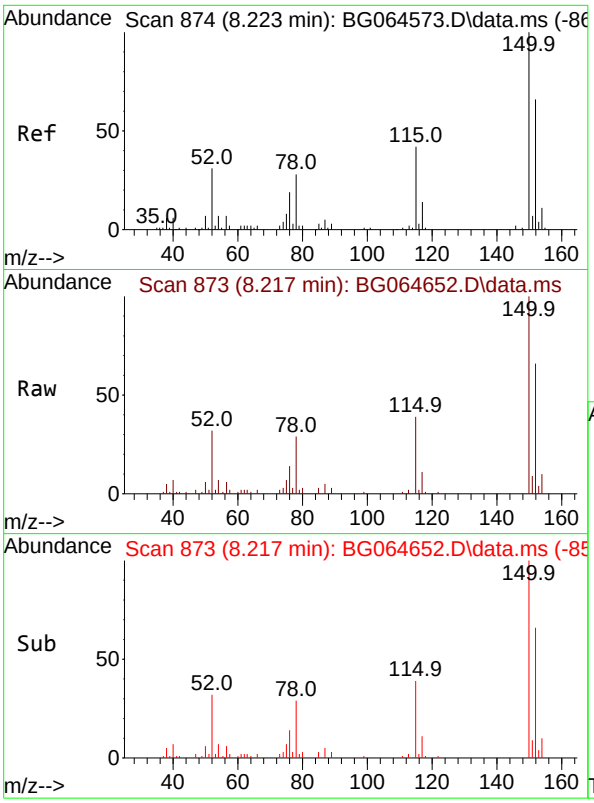
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
Data File : BG064652.D
Acq On : 30 Oct 2025 22:35
Operator : RC/JU
Sample : Q3482-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-5

Quant Time: Oct 31 01:50:38 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



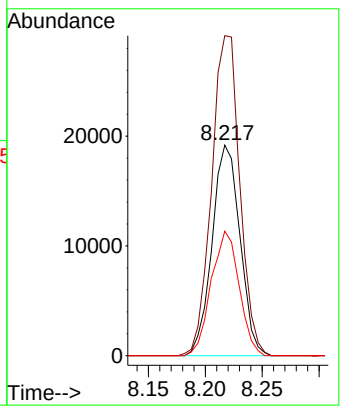


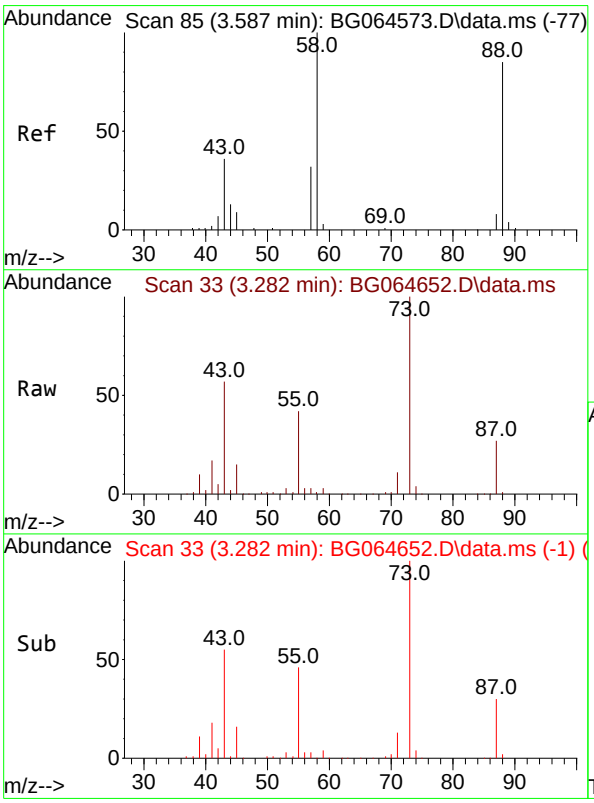
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:152 Resp: 32684

Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.2	183.4
115	59.1	50.8	76.2

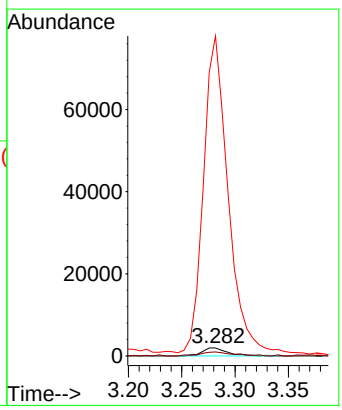


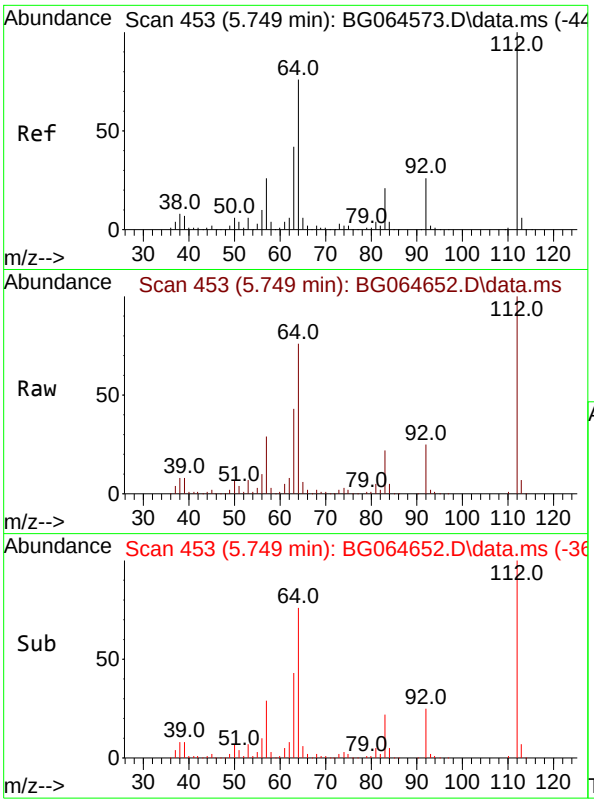


#2
1,4-Dioxane
Concen: 3.800 ng
RT: 3.282 min Scan# 33
Delta R.T. -0.309 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion: 88 Resp: 3276

Ion	Ratio	Lower	Upper
88	100		
58	64.3	92.4	138.6#
43	3849.6	33.0	49.6#



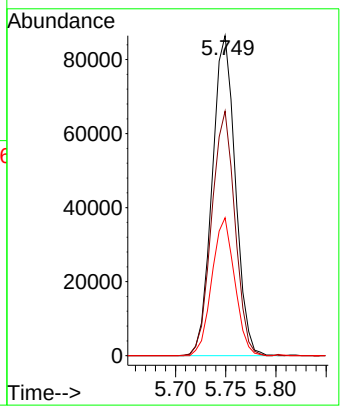


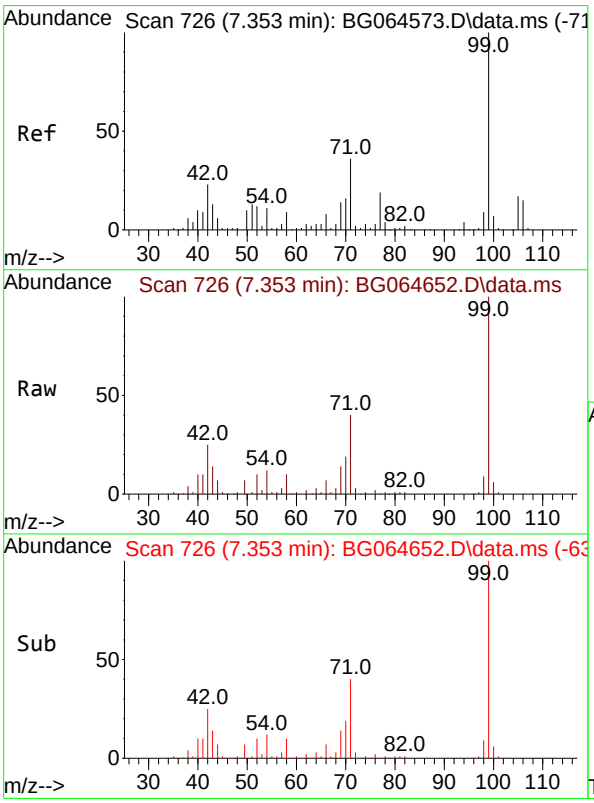
#5
2-Fluorophenol
Concen: 71.138 ng
RT: 5.749 min Scan# 4
Delta R.T. 0.002 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:112 Resp: 138522

Ion	Ratio	Lower	Upper
112	100		
64	76.4	60.7	91.1
63	43.1	33.4	50.0

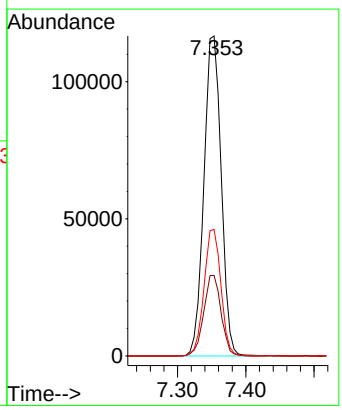


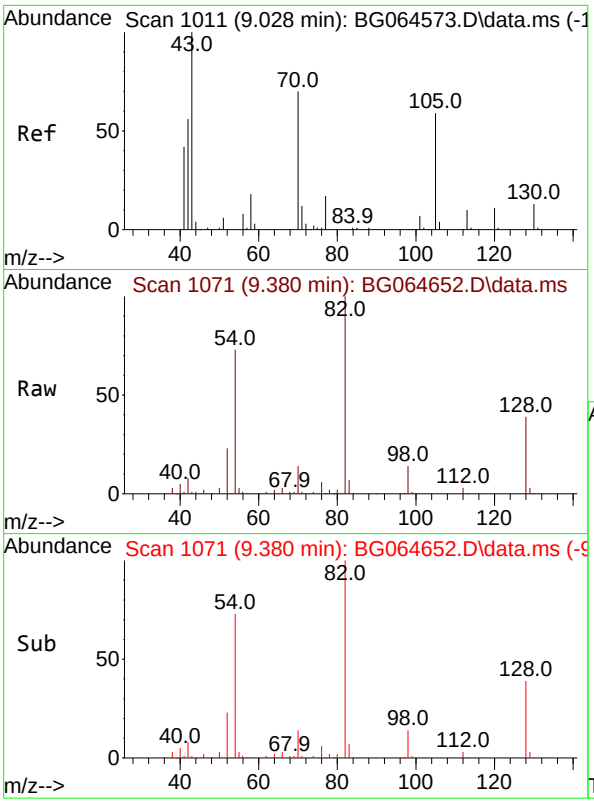


#7
Phenol-d6
Concen: 77.105 ng
RT: 7.353 min Scan# 726
Delta R.T. -0.003 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion: 99 Resp: 206023

Ion	Ratio	Lower	Upper
99	100		
42	25.2	18.3	27.5
71	39.5	28.6	43.0



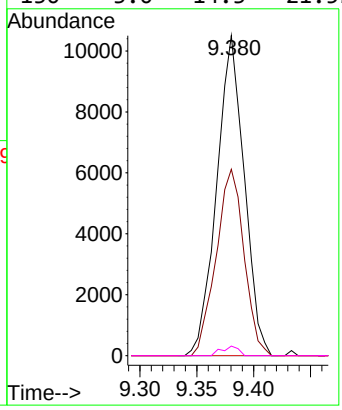


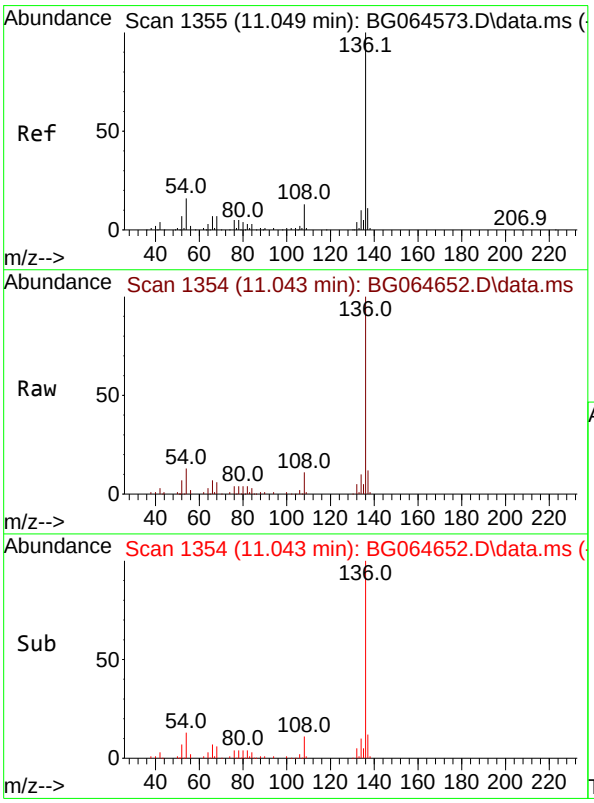
#19
n-Nitroso-di-n-propylamine
Concen: 9.590 ng
RT: 9.380 min Scan# 1
Delta R.T. 0.349 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion: 70 Resp: 17709

Ion	Ratio	Lower	Upper
70	100		
42	58.3	65.2	97.8#
101	0.0	7.9	11.9#
130	3.0	14.3	21.5#

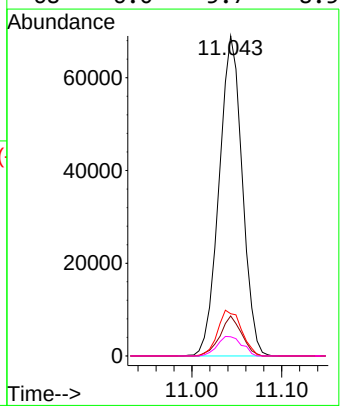


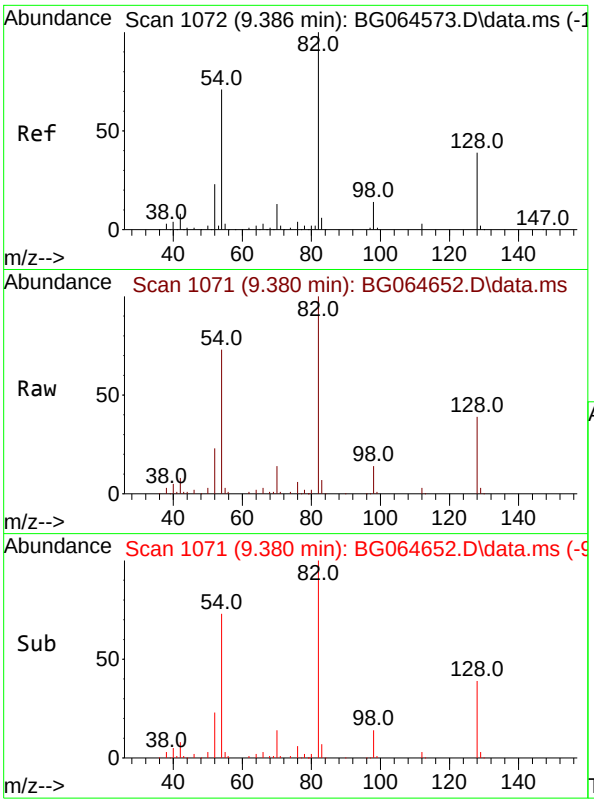


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:136 Resp: 123384

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	13.2	12.6	19.0
68	6.0	5.7	8.5



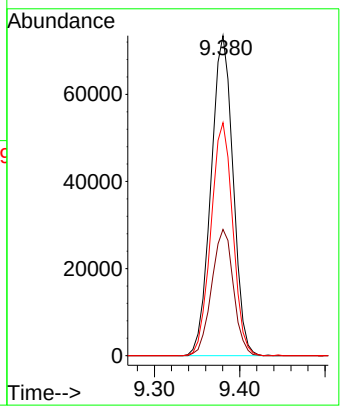


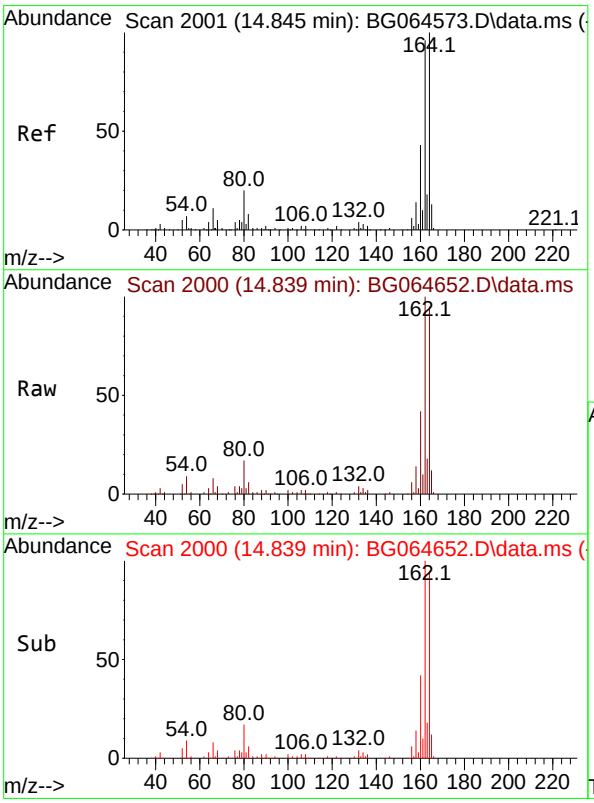
#23
Nitrobenzene-d5
Concen: 64.449 ng
RT: 9.380 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion: 82 Resp: 132394

Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	72.8	56.6	84.8

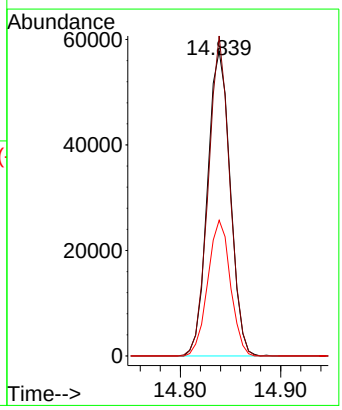


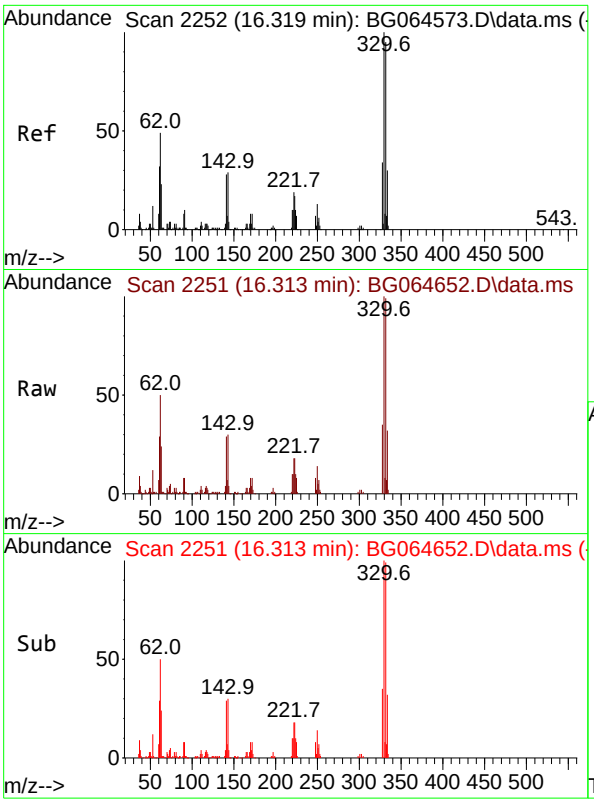


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:164 Resp: 90672

Ion	Ratio	Lower	Upper
164	100		
162	105.0	77.0	115.6
160	44.5	34.4	51.6



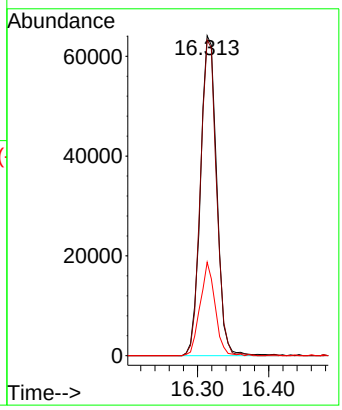


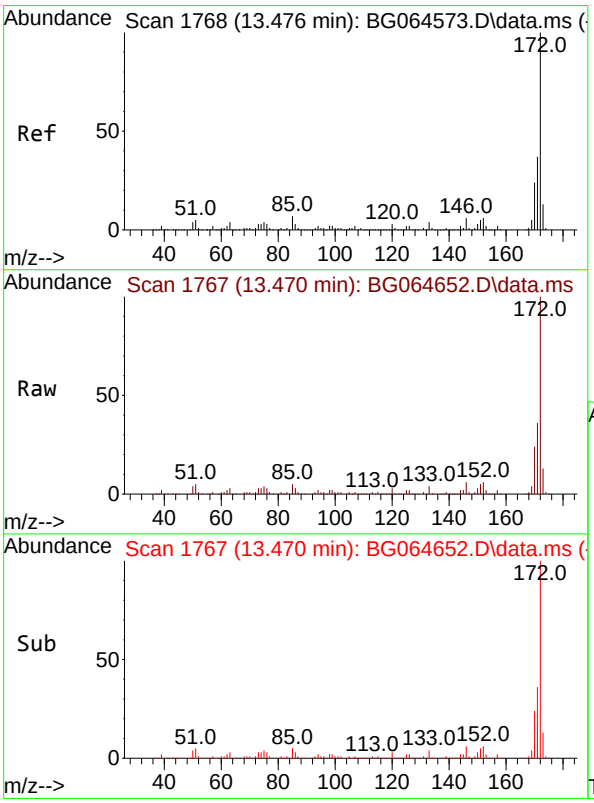
#42
2,4,6-Tribromophenol
Concen: 77.705 ng
RT: 16.313 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:330 Resp: 101690

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.0	117.0
141	27.1	21.8	32.6

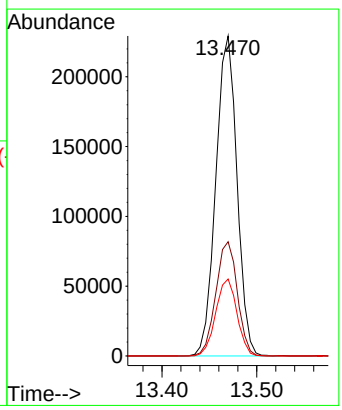


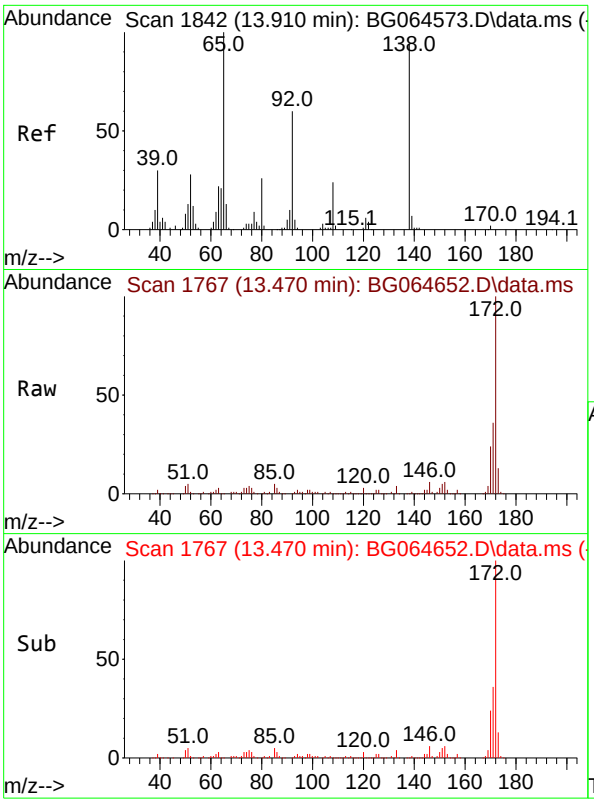


#45
2-Fluorobiphenyl
Concen: 59.475 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:172 Resp: 355780

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.1	19.1	28.7



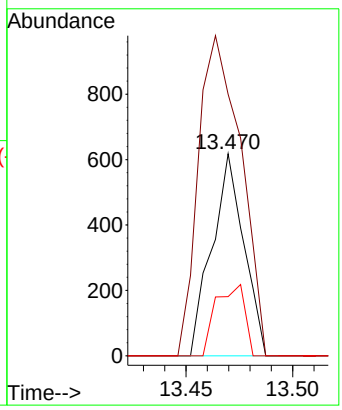


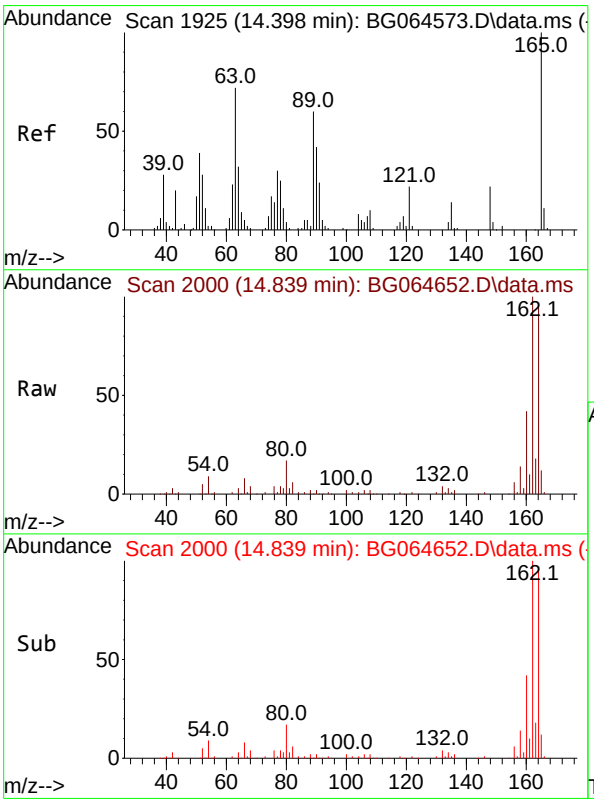
#48
2-Nitroaniline
Concen: 3.592 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.444 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion: 65 Resp: 643

Ion	Ratio	Lower	Upper
65	100		
92	129.4	48.3	72.5#
138	29.3	74.9	112.3#

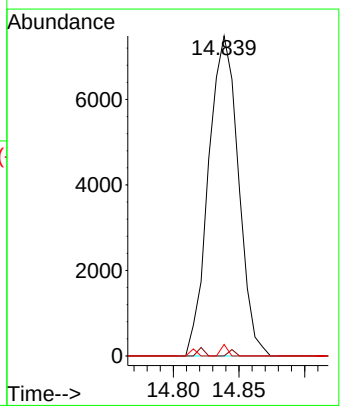


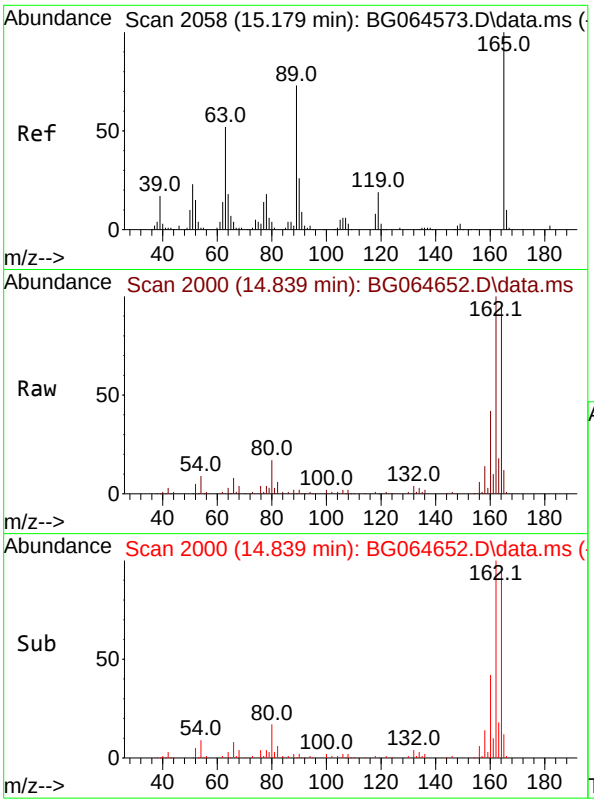


#51
2,6-Dinitrotoluene
Concen: 12.861 ng
RT: 14.839 min Scan# 2000
Delta R.T. 0.437 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:165 Resp: 11857

Ion	Ratio	Lower	Upper
165	100		
63	0.0	57.4	86.0#
89	3.6	47.8	71.8#



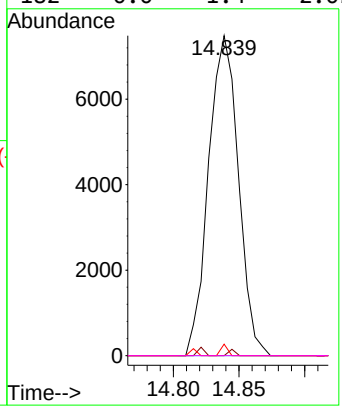


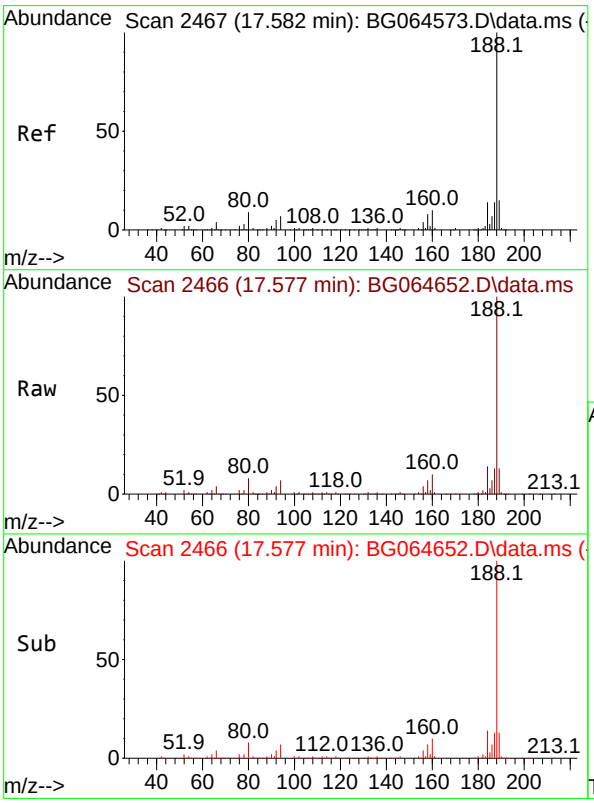
#57
2,4-Dinitrotoluene
Concen: 9.324 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.350 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:165 Resp: 11857

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	3.6	58.1	87.1#
182	0.0	1.4	2.0#

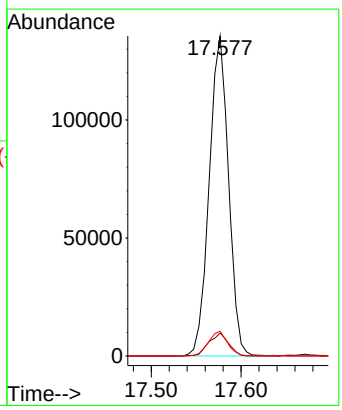


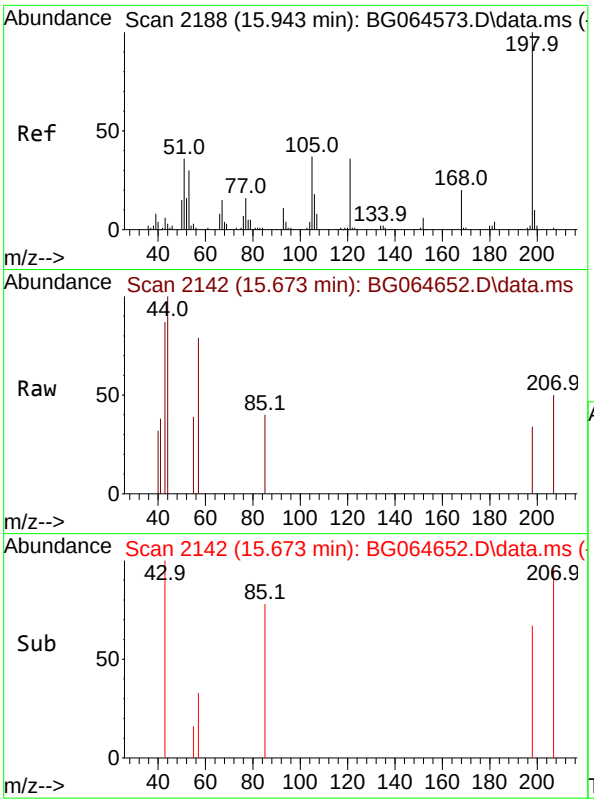


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:188 Resp: 202629

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.7	6.8	10.2



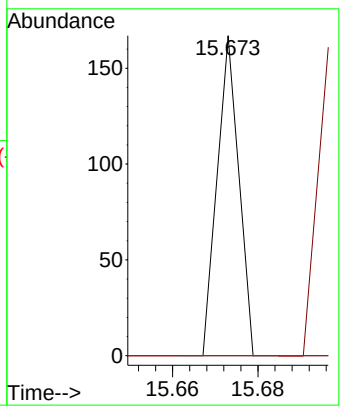


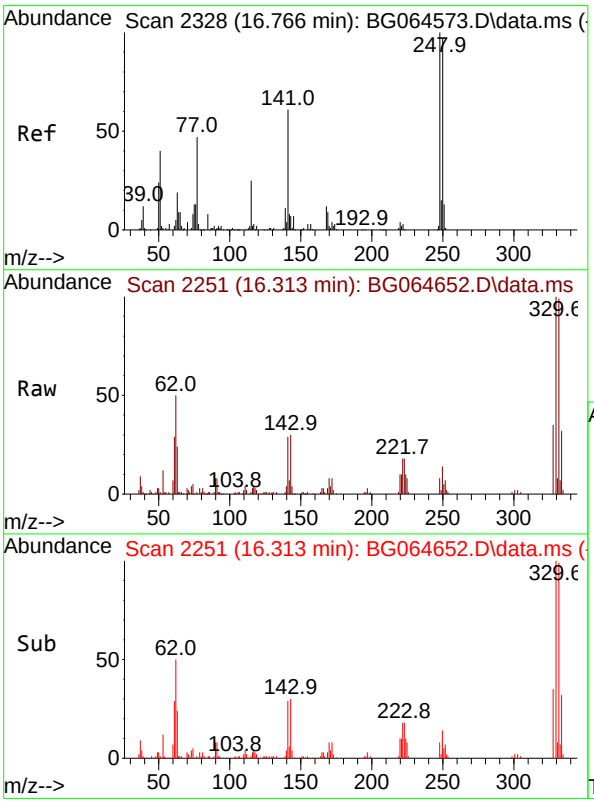
#65
4,6-Dinitro-2-methylphenol
Concen: 5.485 ng
RT: 15.673 min Scan# 21
Delta R.T. -0.274 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:198 Resp: 59

Ion	Ratio	Lower	Upper
198	100		
51	0.0	24.7	64.7#
105	0.0	18.0	58.0#

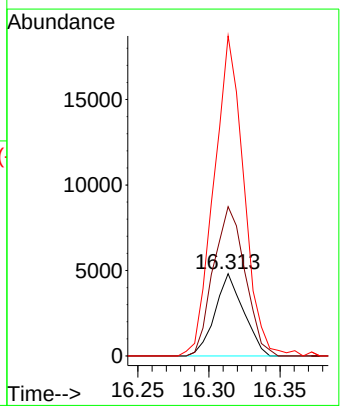


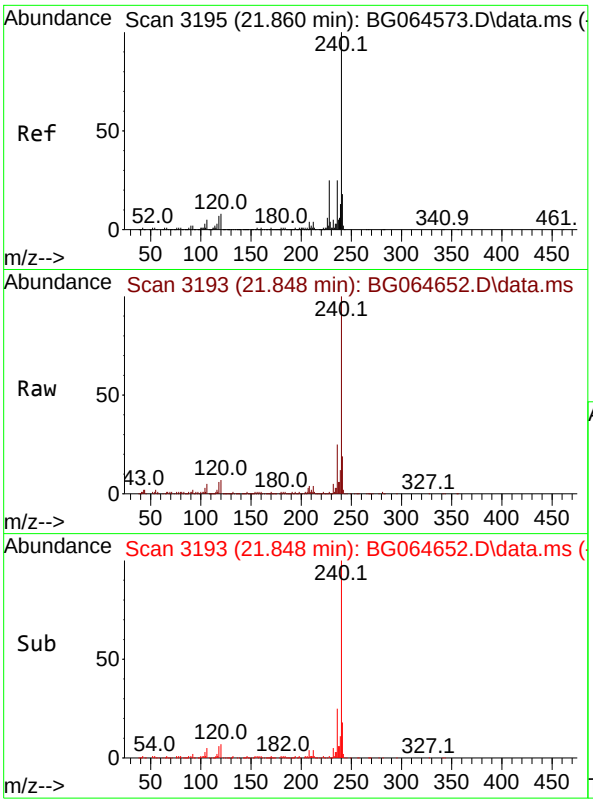


#67
4-Bromophenyl-phenylether
Concen: 2.805 ng
RT: 16.313 min Scan# 2251
Delta R.T. -0.456 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:248 Resp: 6736

Ion	Ratio	Lower	Upper
248	100		
250	193.7	77.7	116.5#
141	308.5	48.6	72.8#



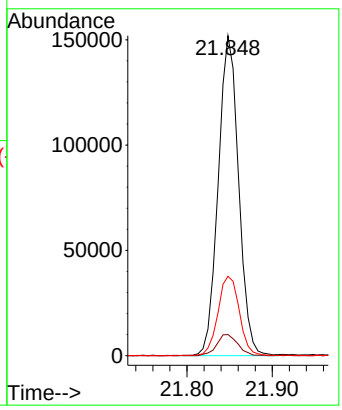


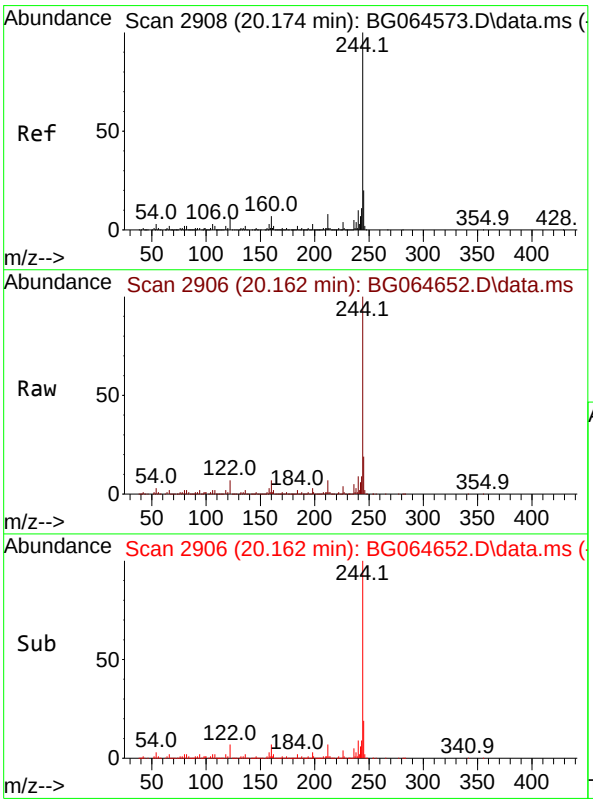
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:240 Resp: 252991

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.5	9.7
236	24.8	20.2	30.2

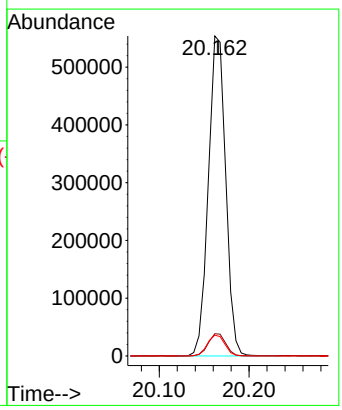


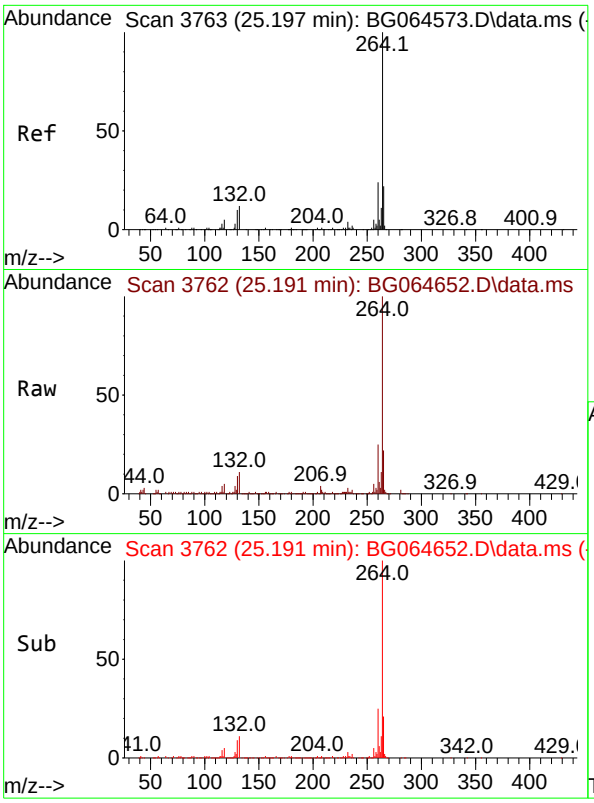


#79
Terphenyl-d14
Concen: 55.495 ng
RT: 20.162 min Scan# 2906
Delta R.T. -0.015 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Tgt Ion:244 Resp: 743954

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	6.5	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.191 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064652.D
Acq: 30 Oct 2025 22:35

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:264 Resp: 287493

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.4
265	21.7	17.6	26.4