Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064660.D
Acq On : 31 Oct 2025 17:35
Operator : RC/JU
Sample : Q3477-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 31 18:10:32 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	8.222	152	39970	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	158222	20.000	ng	# 0.00
39) Acenaphthene-d10	14.844	164	124556	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	285843	20.000	ng	0.00
76) Chrysene-d12	21.854	240	301816	20.000	ng	# 0.00
86) Perylene-d12	25.197	264	333252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	109388	45.936	ng	0.00
7) Phenol-d6	7.353	99	103091	31.549	ng	0.00
23) Nitrobenzene-d5	9.386	82	225892	85.751	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	267117	148.587	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	617454	75.139	ng	0.00
79) Terphenyl-d14	20.167	244	1395846	87.278	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	12563	11.916	ng	# 1
19) n-Nitroso-di-n-propyla...	9.380	70	30052	13.308	ng	# 67
32) Benzoic acid	10.250	122	231	7.040	ng	92
48) 2-Nitroaniline	13.728	65	767	3.544	ng	# 10
51) 2,6-Dinitrotoluene	14.838	165	16170	12.791	ng	# 19
57) 2,4-Dinitrotoluene	14.838	165	16170	9.278	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.301	198	596	5.847	ng	# 53
67) 4-Bromophenyl-phenylether	16.319	248	17057	5.036	ng	# 1
77) Benzidine	20.167	184	20643	3.053	ng	# 92

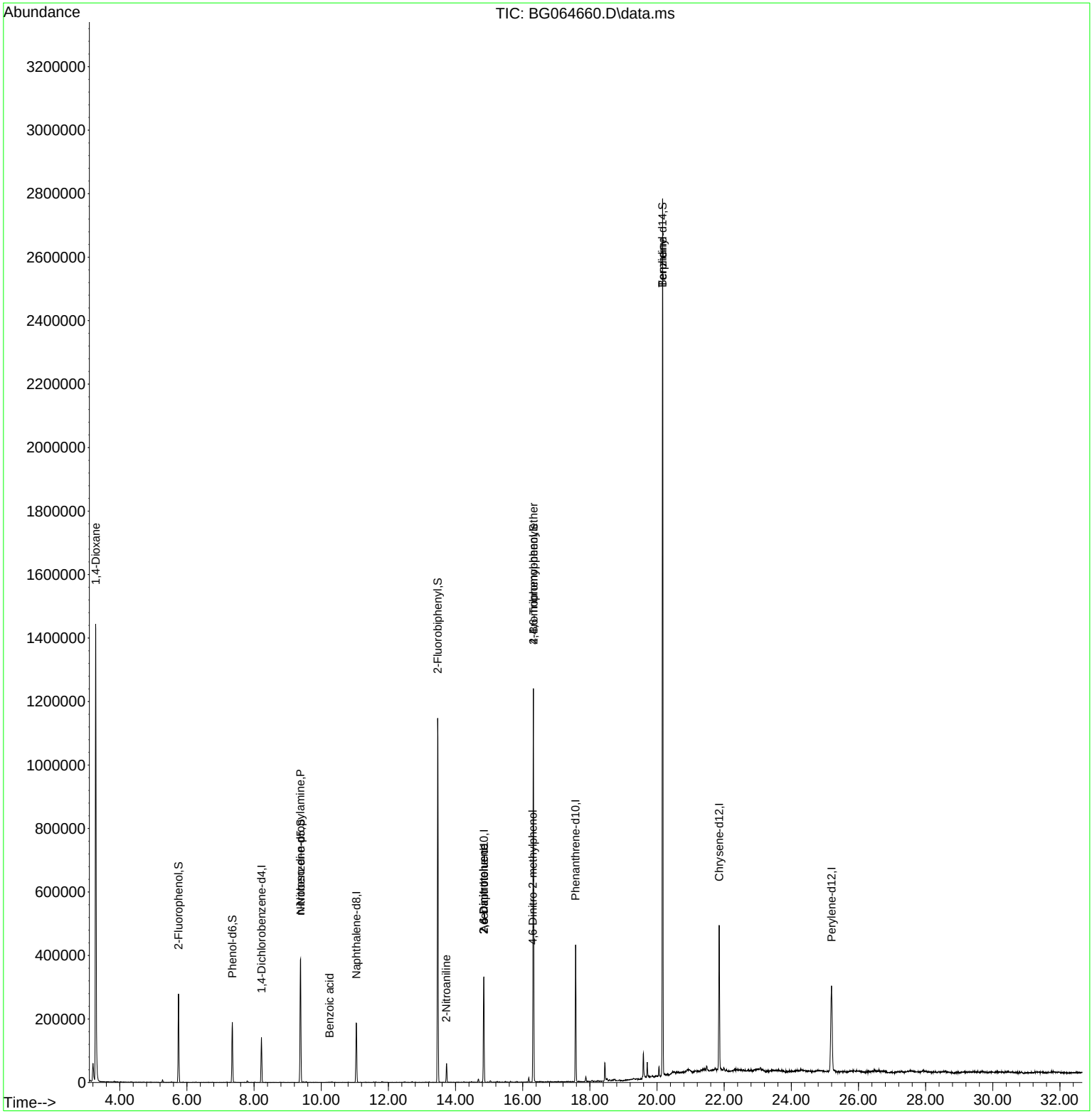
(#) = qualifier out of range (m) = manual integration (+) = signals summed

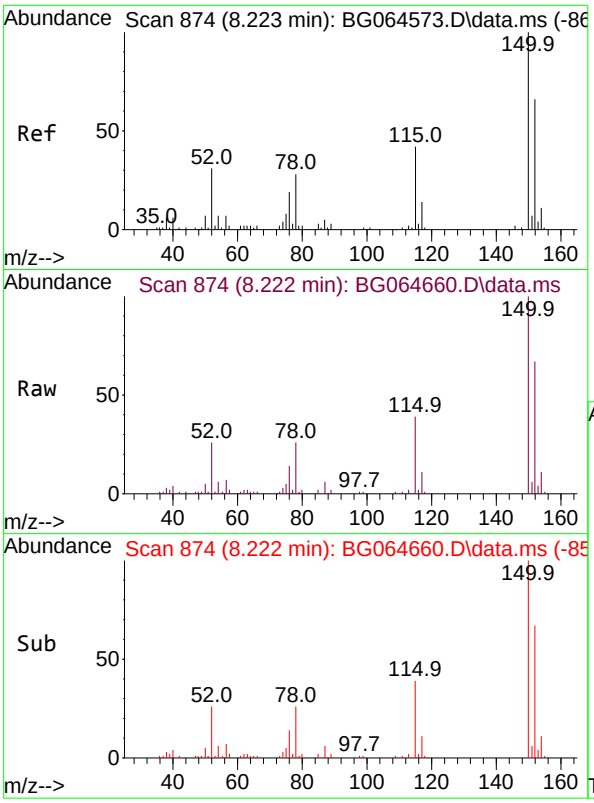
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064660.D
Acq On : 31 Oct 2025 17:35
Operator : RC/JU
Sample : Q3477-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 31 18:10:32 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



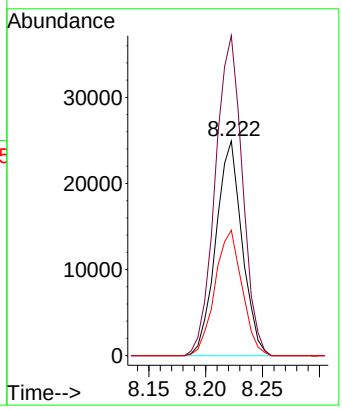


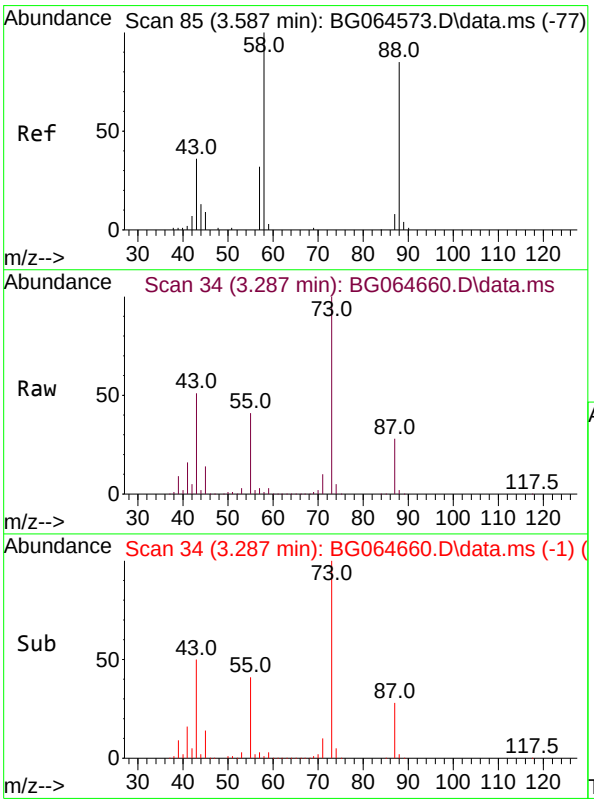
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 39970

Ion	Ratio	Lower	Upper
152	100		
150	149.1	122.2	183.4
115	58.4	50.8	76.2

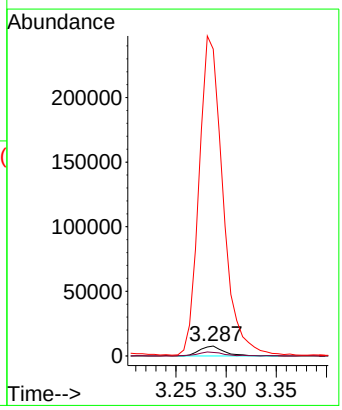


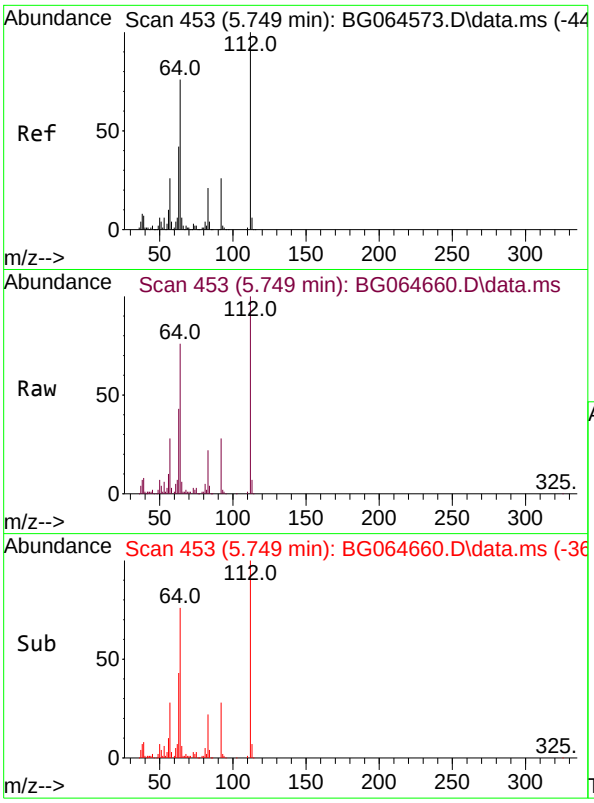


#2
1,4-Dioxane
Concen: 11.916 ng
RT: 3.287 min Scan# 34
Delta R.T. -0.304 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion: 88 Resp: 12563

Ion	Ratio	Lower	Upper
88	100		
58	42.3	92.4	138.6#
43	3246.8	33.0	49.6#



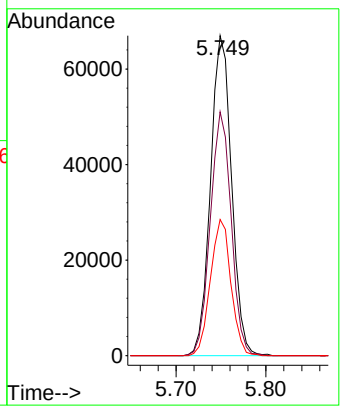


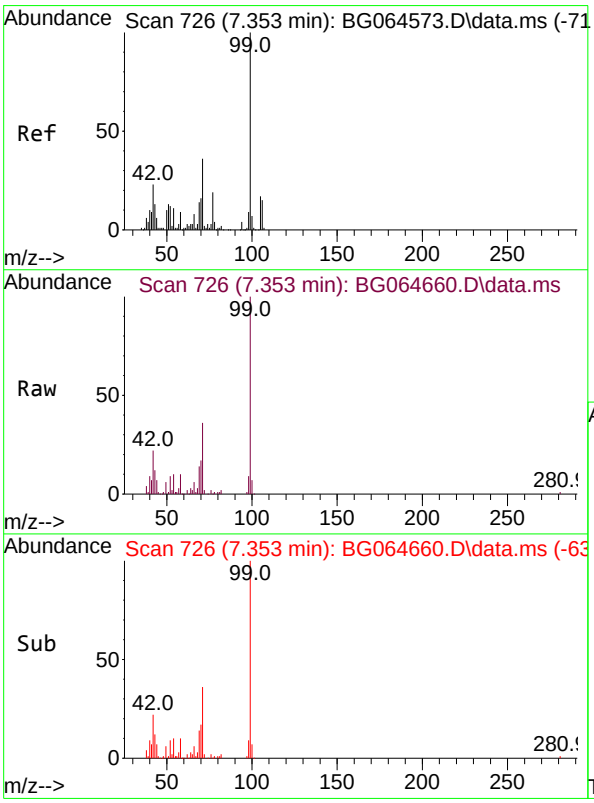
#5
2-Fluorophenol
Concen: 45.936 ng
RT: 5.749 min Scan# 4
Delta R.T. 0.002 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 109388

Ion	Ratio	Lower	Upper
112	100		
64	76.2	60.7	91.1
63	42.5	33.4	50.0

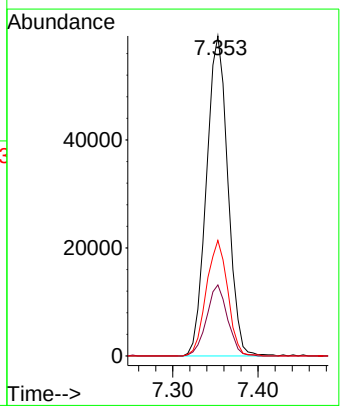


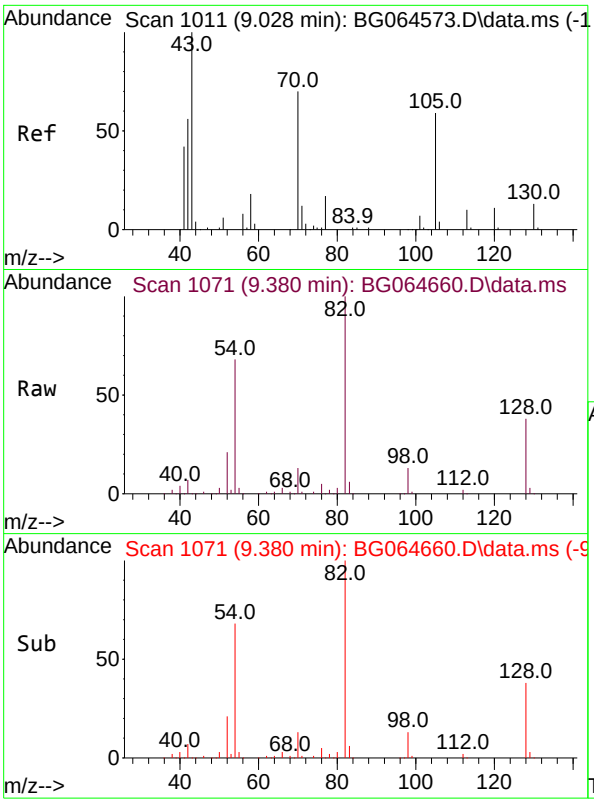


#7
Phenol-d6
Concen: 31.549 ng
RT: 7.353 min Scan# 726
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion: 99 Resp: 103091

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.3	27.5
71	36.1	28.6	43.0



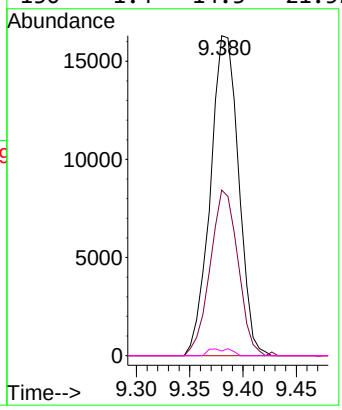


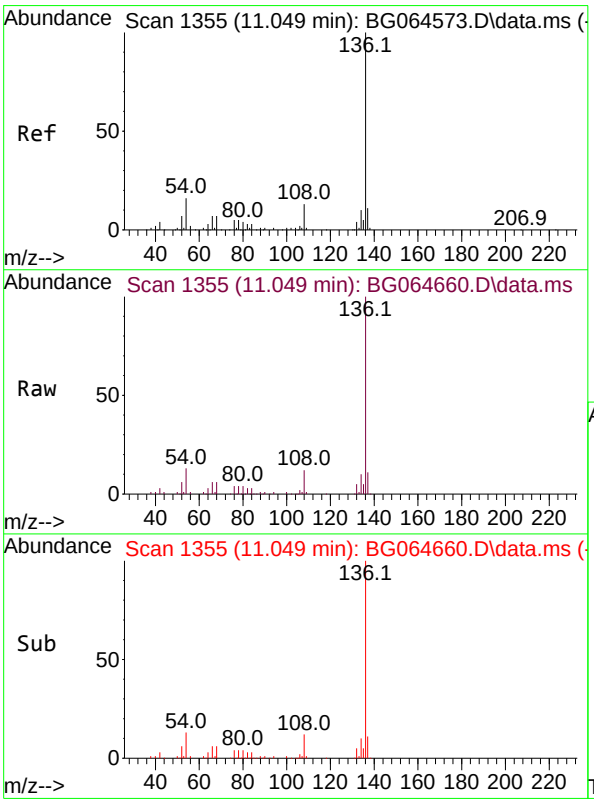
#19
n-Nitroso-di-n-propylamine
Concen: 13.308 ng
RT: 9.380 min Scan# 10
Delta R.T. 0.349 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 30052

Ion	Ratio	Lower	Upper
70	100		
42	51.7	65.2	97.8#
101	0.0	7.9	11.9#
130	1.4	14.3	21.5#

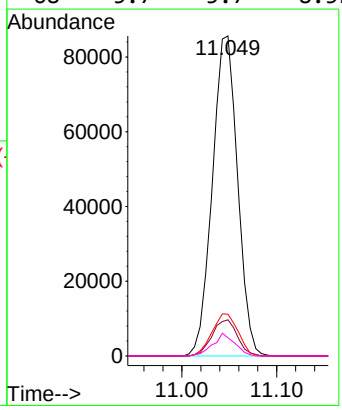


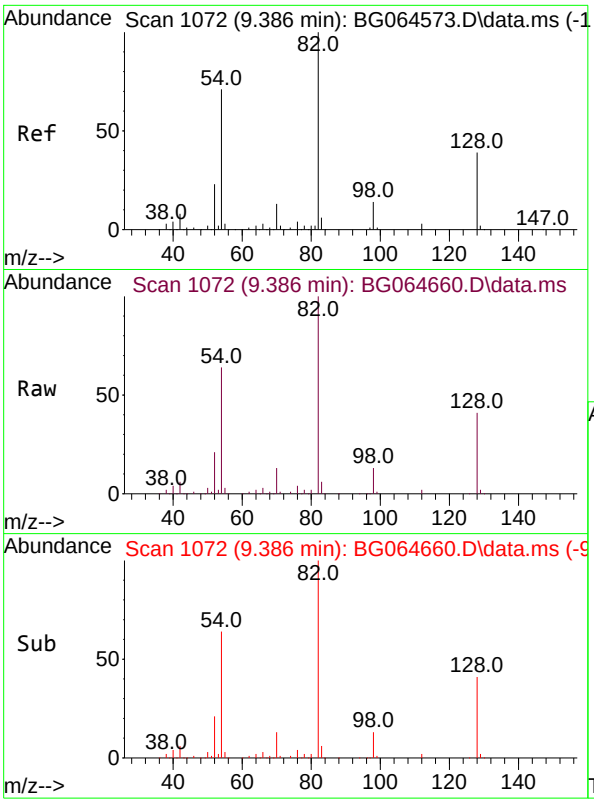


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion:136 Resp: 158222

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	13.1	12.6	19.0
68	5.7	5.7	8.5#



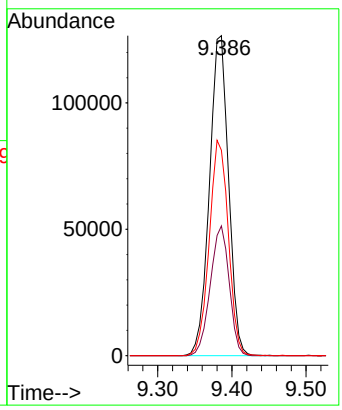


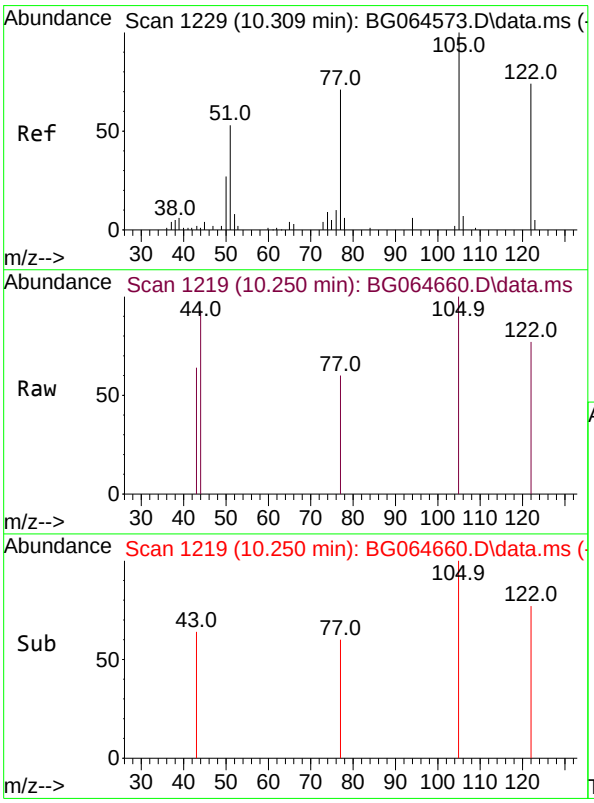
#23
Nitrobenzene-d5
Concen: 85.751 ng
RT: 9.386 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 225892

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.3	46.9
54	64.2	56.6	84.8

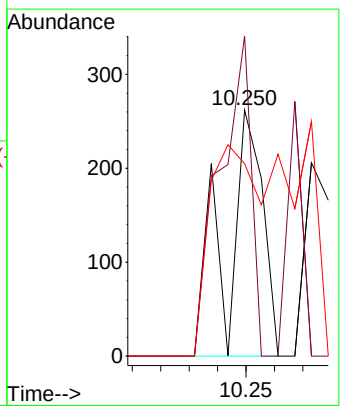


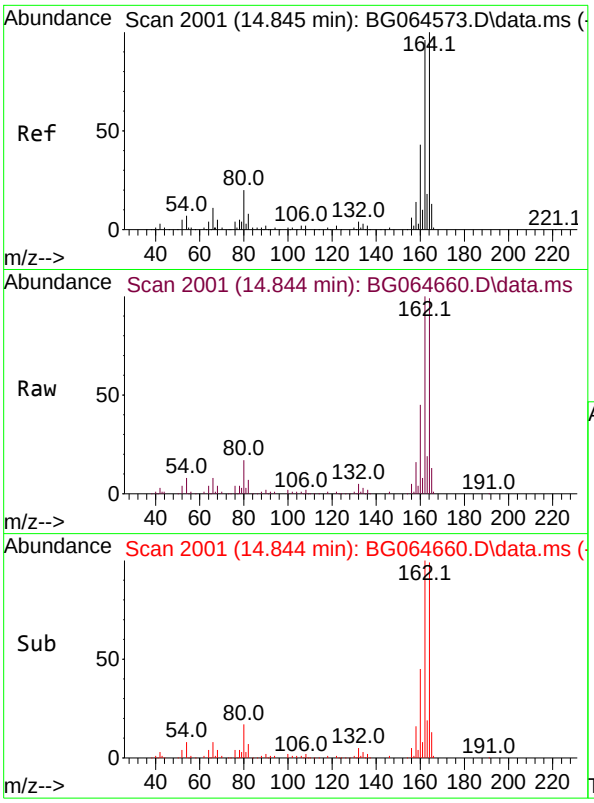


#32
Benzoic acid
Concen: 7.040 ng
RT: 10.250 min Scan# 1219
Delta R.T. -0.092 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion:122 Resp: 231

Ion	Ratio	Lower	Upper
122	100		
105	130.2	104.2	144.2
77	78.2	70.2	110.2



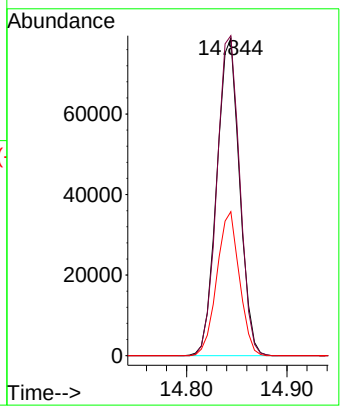


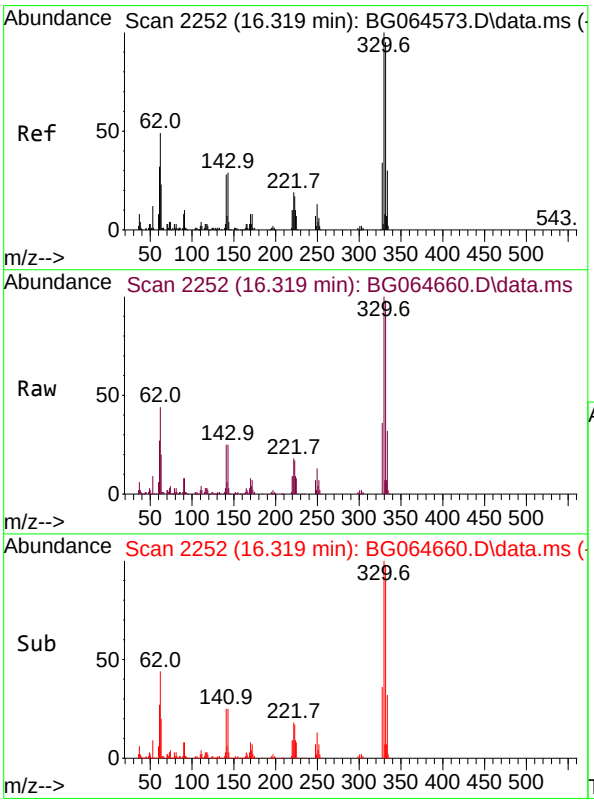
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 124556

Ion	Ratio	Lower	Upper
164	100		
162	100.8	77.0	115.6
160	45.3	34.4	51.6

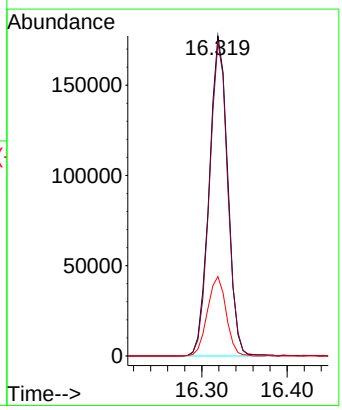


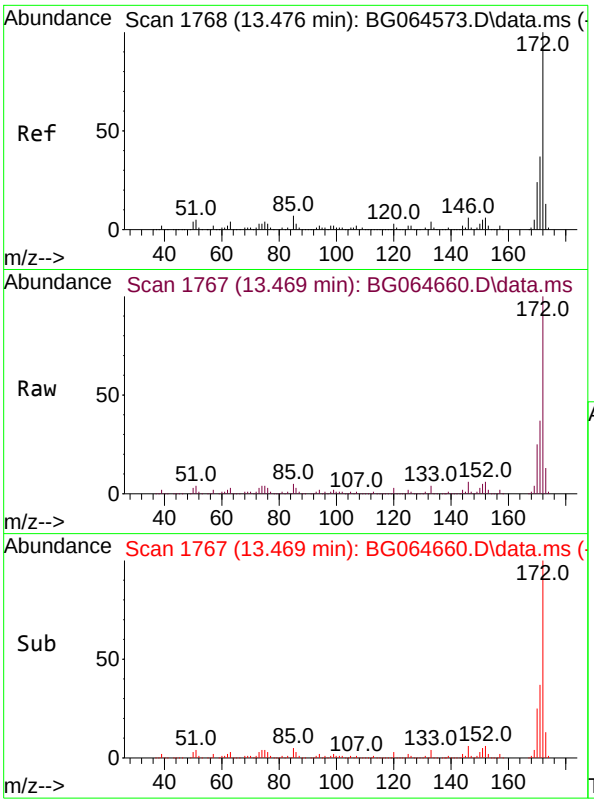


#42
2,4,6-Tribromophenol
Concen: 148.587 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion:330 Resp: 267117

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.0	117.0
141	25.0	21.8	32.6



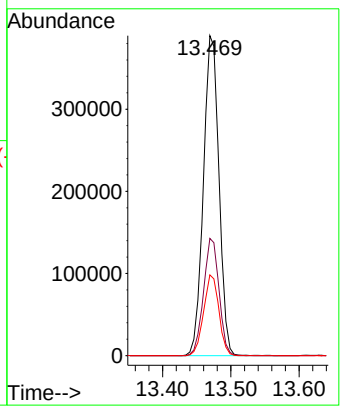


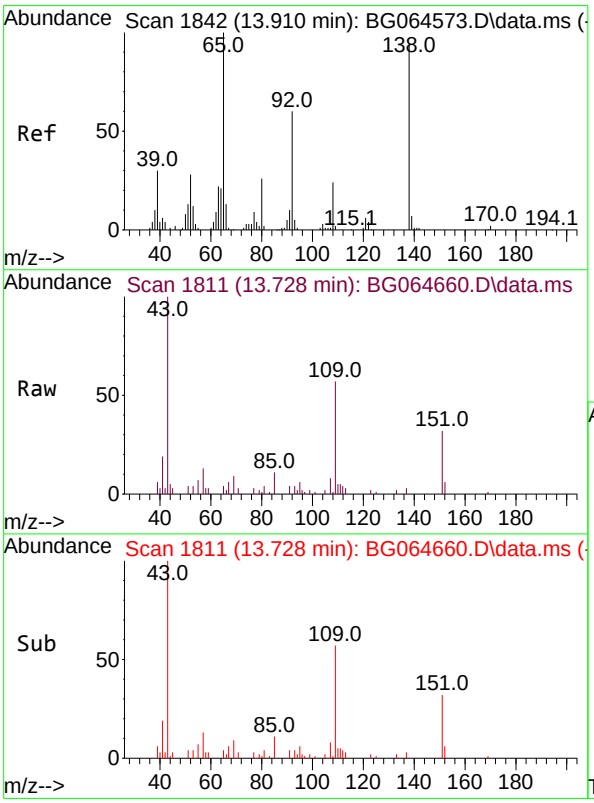
#45
2-Fluorobiphenyl
Concen: 75.139 ng
RT: 13.469 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 617454

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.2	19.1	28.7

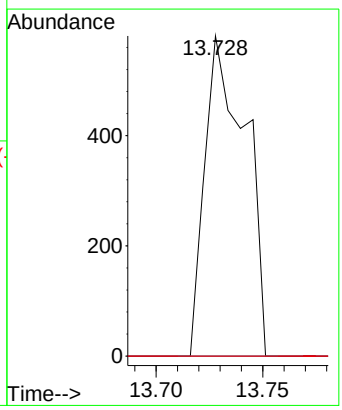


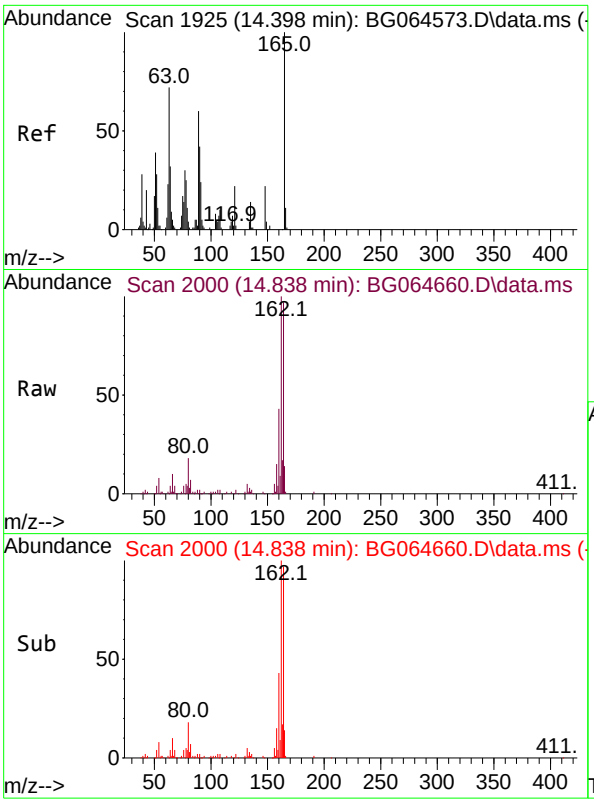


#48
2-Nitroaniline
Concen: 3.544 ng
RT: 13.728 min Scan# 1811
Delta R.T. -0.186 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion: 65 Resp: 767

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



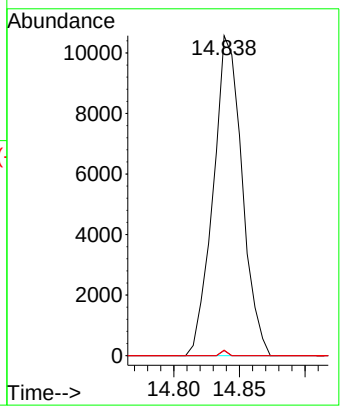


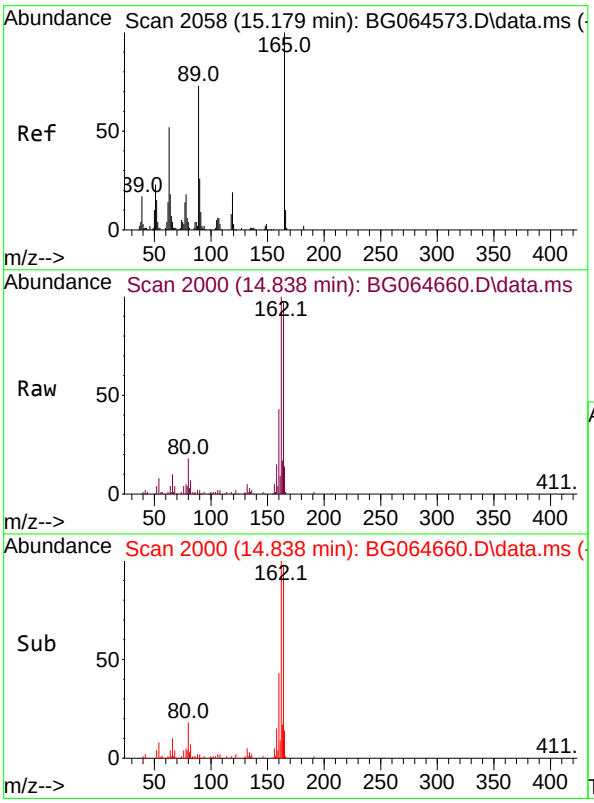
#51
2,6-Dinitrotoluene
Concen: 12.791 ng
RT: 14.838 min Scan# 2
Delta R.T. 0.436 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16170

Ion	Ratio	Lower	Upper
165	100		
63	1.6	57.4	86.0#
89	1.7	47.8	71.8#

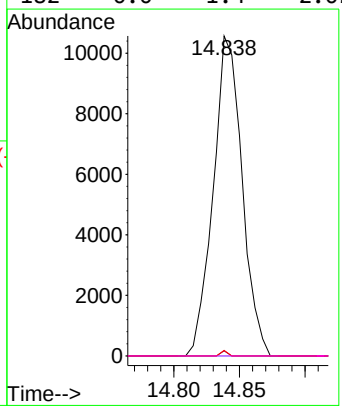


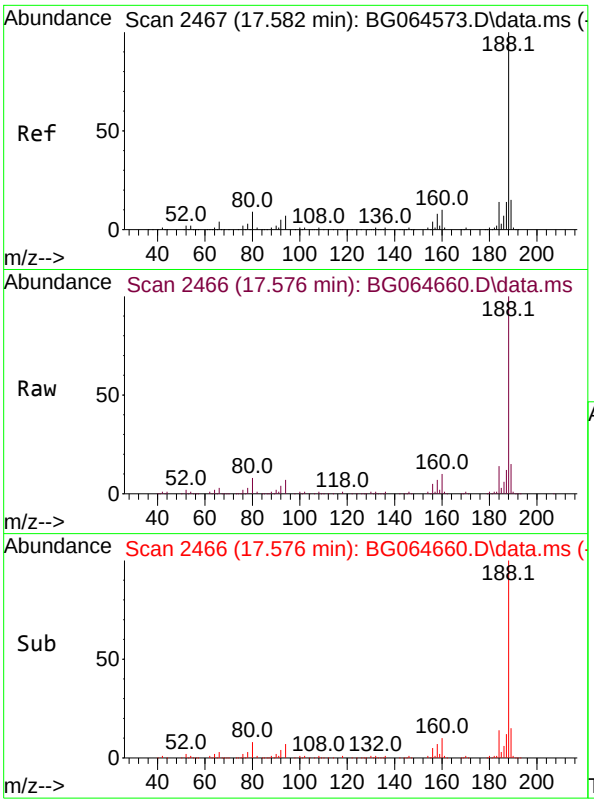


#57
2,4-Dinitrotoluene
Concen: 9.278 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.351 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion:165 Resp: 16170

Ion	Ratio	Lower	Upper
165	100		
63	1.6	41.8	62.8#
89	1.7	58.1	87.1#
182	0.0	1.4	2.0#



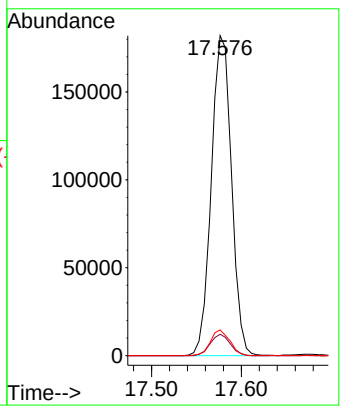


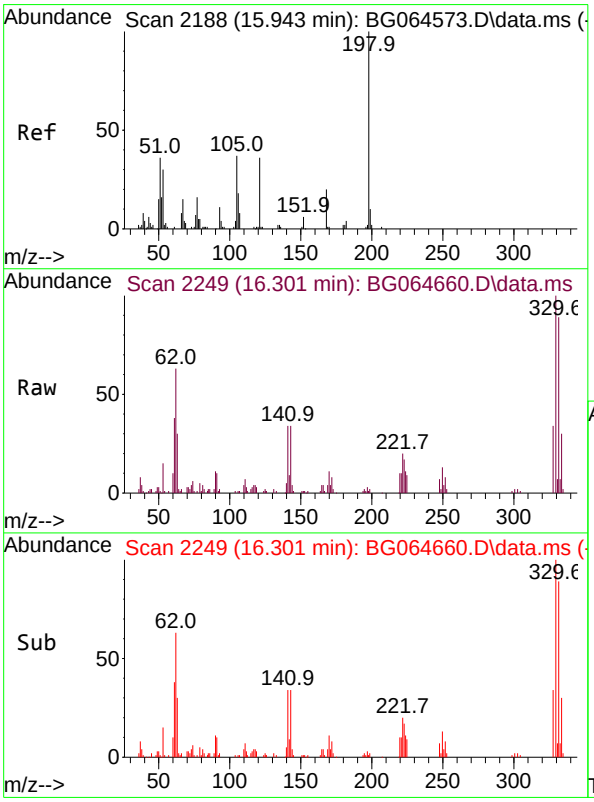
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 285843

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.7	8.5
80	8.0	6.8	10.2

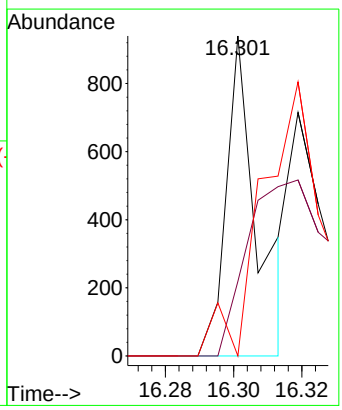


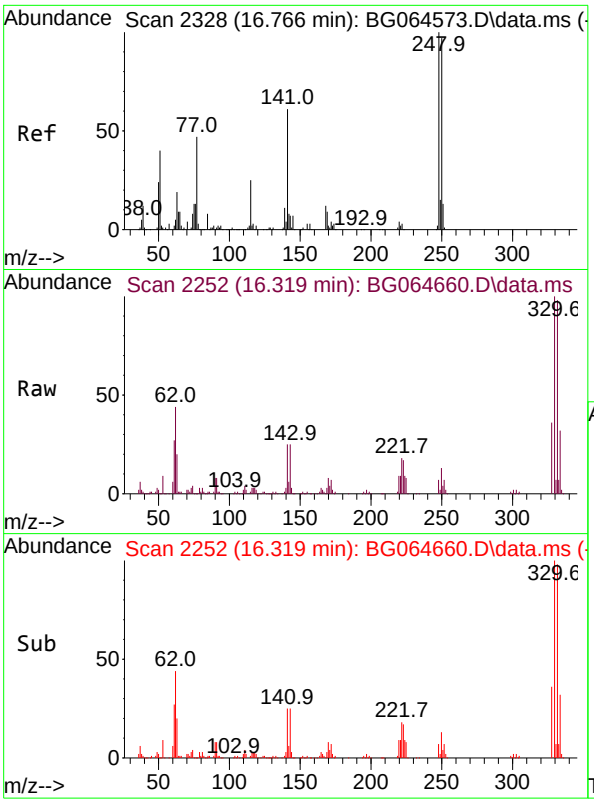


#65
4,6-Dinitro-2-methylphenol
Concen: 5.847 ng
RT: 16.301 min Scan# 2249
Delta R.T. 0.354 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion:198 Resp: 596

Ion	Ratio	Lower	Upper
198	100		
51	23.3	24.7	64.7#
105	0.0	18.0	58.0#



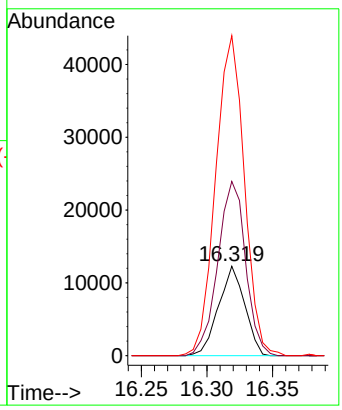


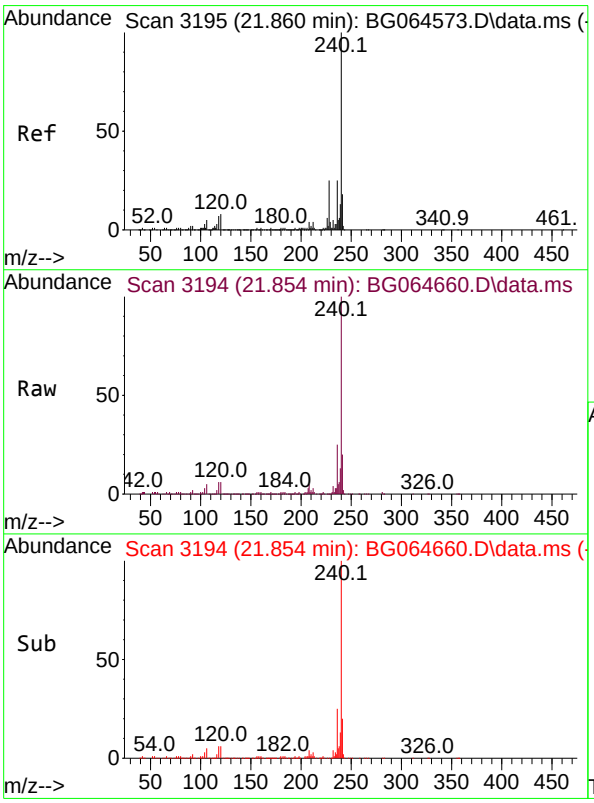
#67
4-Bromophenyl-phenylether
Concen: 5.036 ng
RT: 16.319 min Scan# 2
Delta R.T. -0.450 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17057

Ion	Ratio	Lower	Upper
248	100		
250	253.3	77.7	116.5#
141	358.1	48.6	72.8#

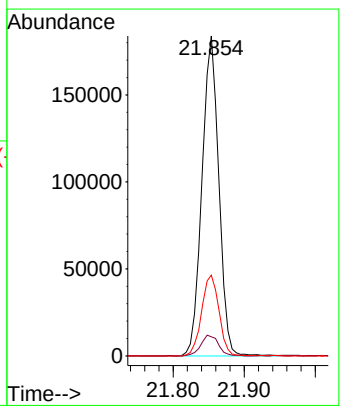


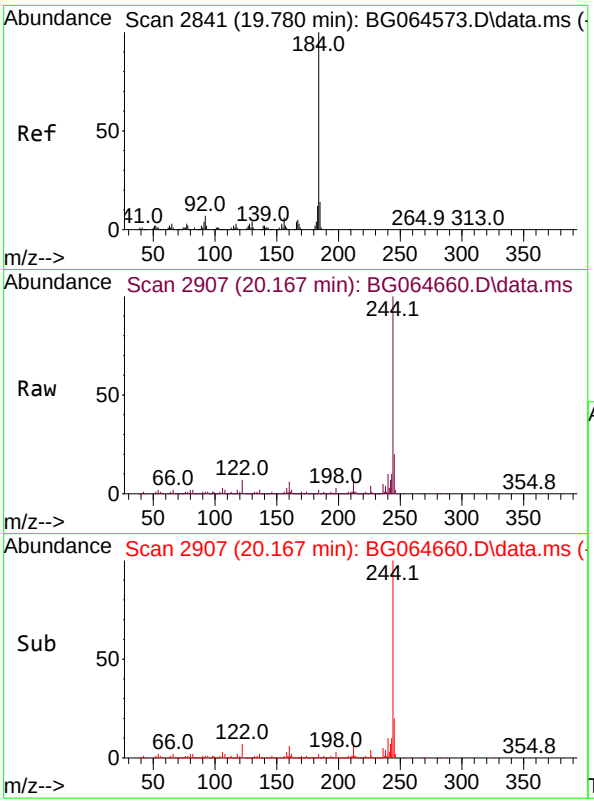


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.010 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion:240 Resp: 301816

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.5	9.7#
236	25.2	20.2	30.2



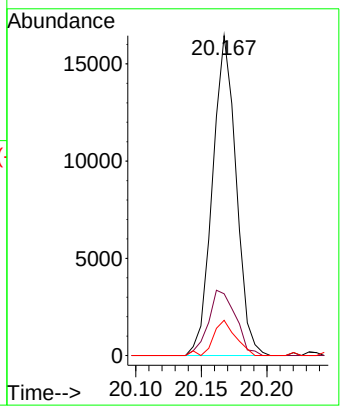


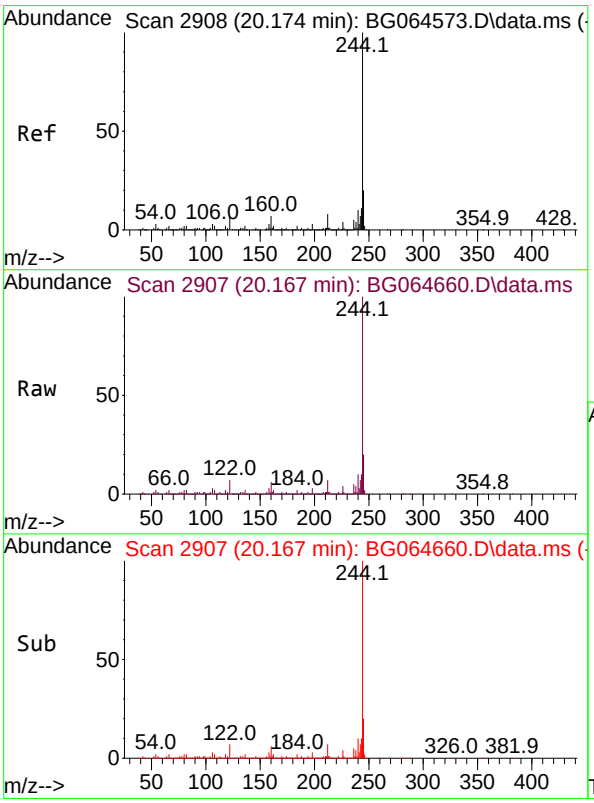
#77
Benzidine
Concen: 3.053 ng
RT: 20.167 min Scan# 29
Delta R.T. 0.384 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 20643

Ion	Ratio	Lower	Upper
184	100		
185	19.3	11.4	17.2#
183	11.0	9.4	14.2

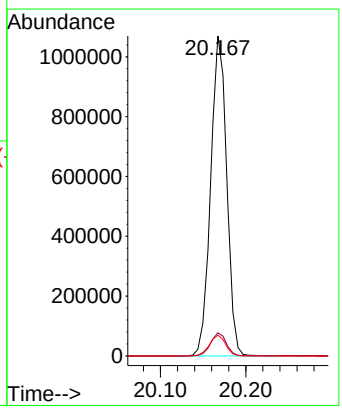


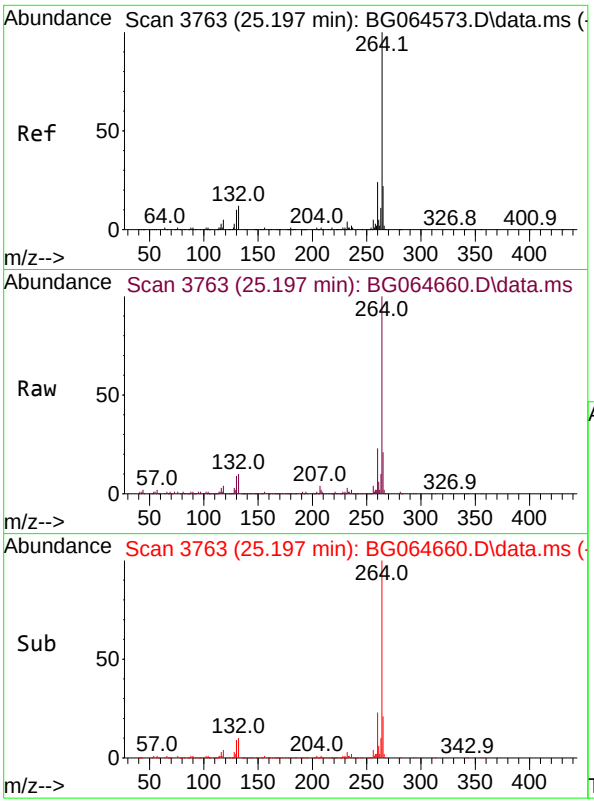


#79
Terphenyl-d14
Concen: 87.278 ng
RT: 20.167 min Scan# 2907
Delta R.T. -0.010 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion:244 Resp: 1395846

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.5	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 333252

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.0	17.6	26.4