Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064910.D
Acq On : 9 Dec 2025 18:22
Operator : RC/JU
Sample : Q3795-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 10 00:14:42 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	8.150	152	18339	20.000	ng	-0.02
21) Naphthalene-d8	10.970	136	71934	20.000	ng	#-0.02
39) Acenaphthene-d10	14.766	164	66009	20.000	ng	-0.01
64) Phenanthrene-d10	17.492	188	160763	20.000	ng	#-0.01
76) Chrysene-d12	21.740	240	215874	20.000	ng	#-0.02
86) Perylene-d12	24.989	264	225824	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	115671	110.140	ng	-0.01
7) Phenol-d6	7.298	99	127878	91.549	ng	-0.01
23) Nitrobenzene-d5	9.314	82	113168	77.784	ng	-0.02
42) 2,4,6-Tribromophenol	16.241	330	194082	150.757	ng	-0.01
45) 2-Fluorobiphenyl	13.397	172	379005	80.117	ng	-0.01
79) Terphenyl-d14	20.083	244	1072338	97.714	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.221	88	1316	3.237	ng	# 1
19) n-Nitroso-di-n-propyla...	9.314	70	16526	17.498	ng	# 71
51) 2,6-Dinitrotoluene	14.760	165	8245	8.217	ng	# 21
57) 2,4-Dinitrotoluene	14.760	165	8245	5.481	ng	# 24
67) 4-Bromophenyl-phenylether	16.235	248	11120	5.267	ng	# 1
77) Benzidine	20.077	184	14543	2.249	ng	96

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

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Misc :
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Instrument :
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Quant Time: Dec 10 00:14:42 2025
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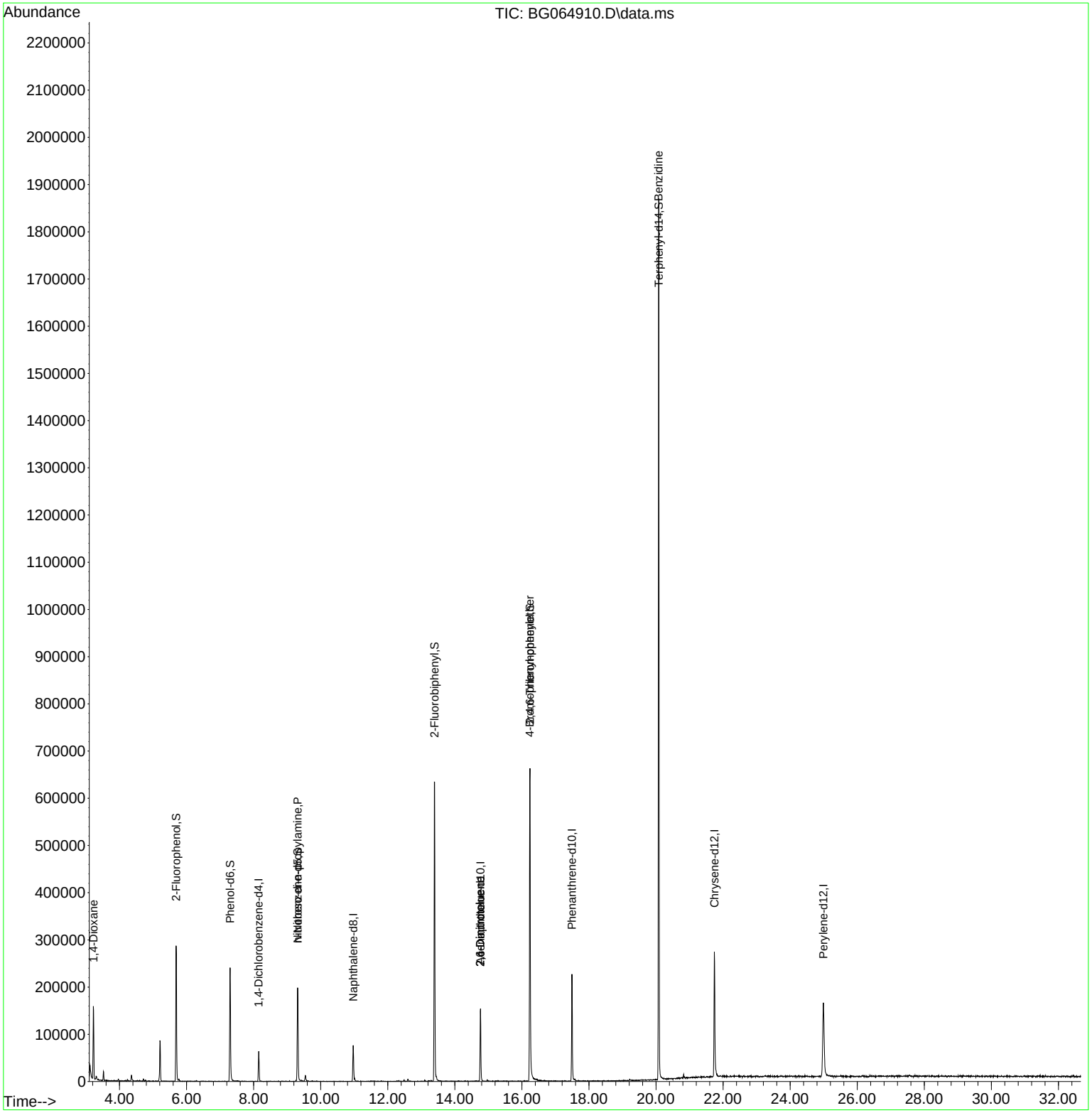
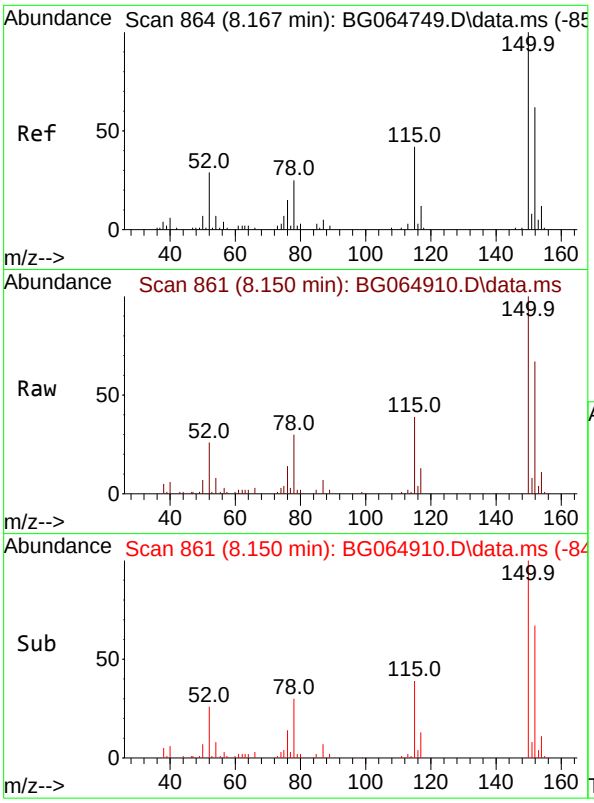


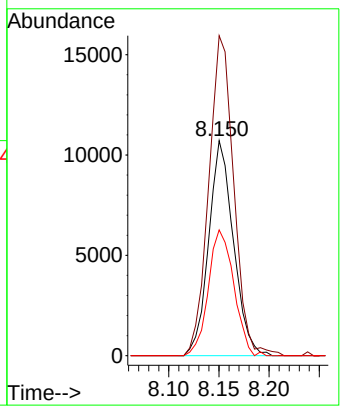


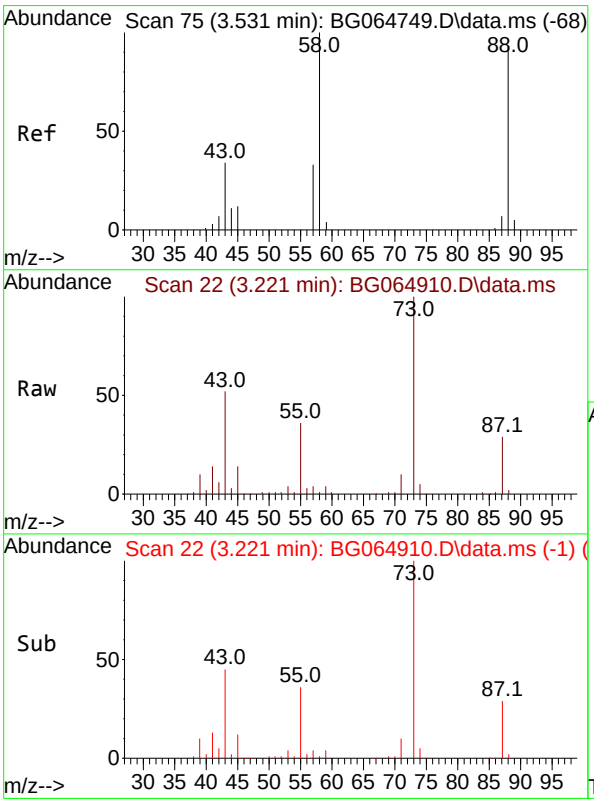
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 18339

Ion	Ratio	Lower	Upper
152	100		
150	148.9	129.2	193.8
115	58.5	53.7	80.5

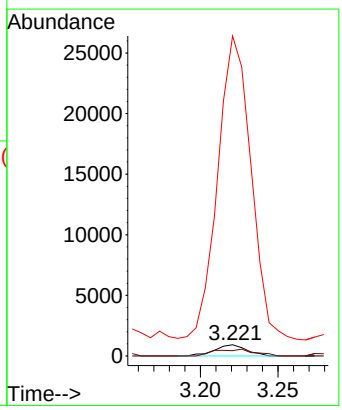


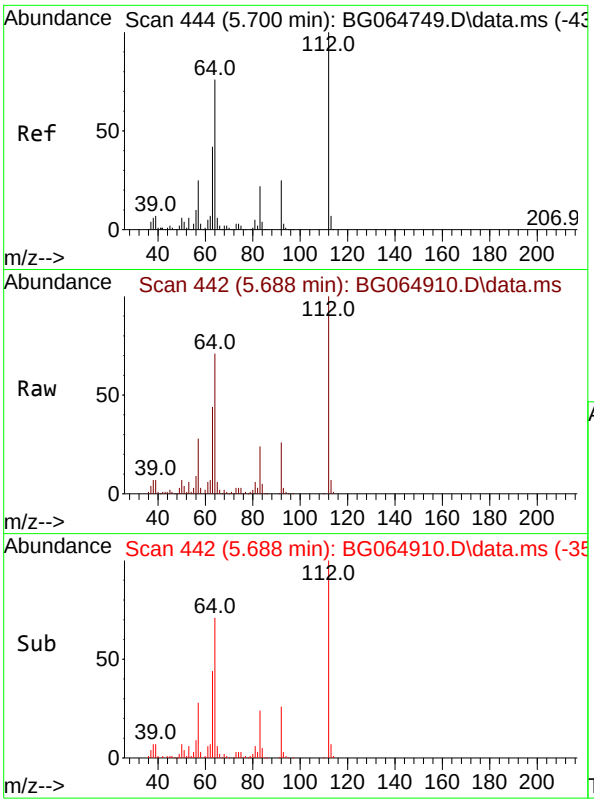


#2
1,4-Dioxane
Concen: 3.237 ng
RT: 3.221 min Scan# 22
Delta R.T. -0.311 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Tgt Ion: 88 Resp: 1316

Ion	Ratio	Lower	Upper
88	100		
58	75.6	84.6	126.8#
43	2855.0	30.0	45.0#



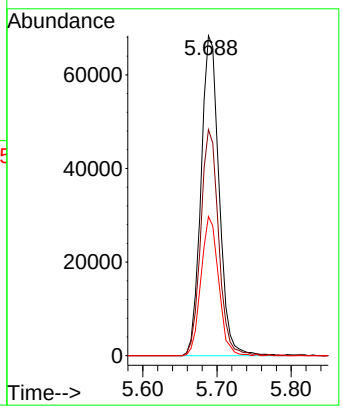


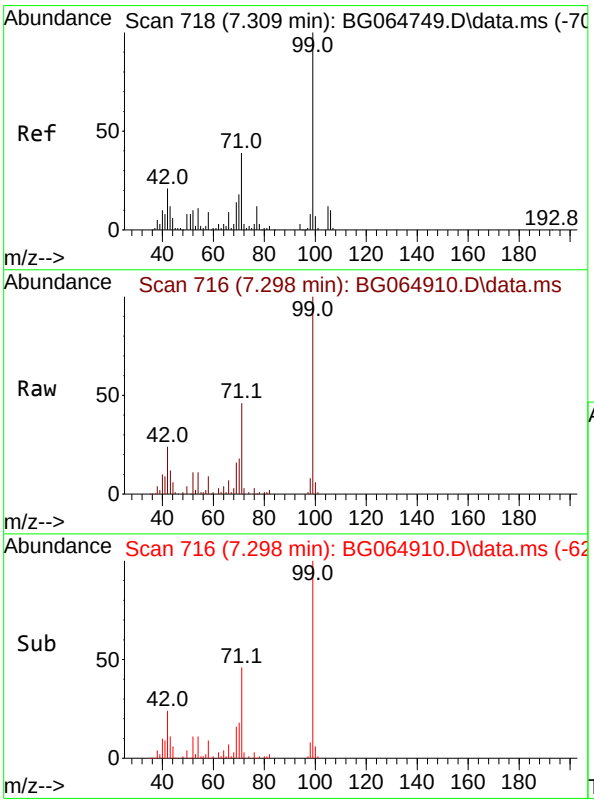
#5
2-Fluorophenol
Concen: 110.140 ng
RT: 5.688 min Scan# 44
Delta R.T. -0.011 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 115671

Ion	Ratio	Lower	Upper
112	100		
64	70.6	61.0	91.4
63	43.5	33.3	49.9

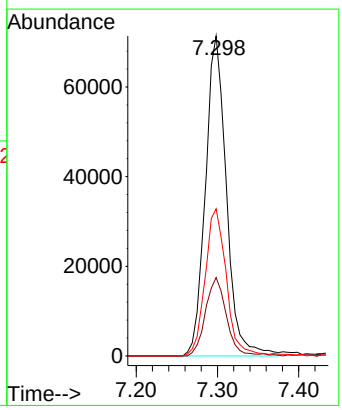


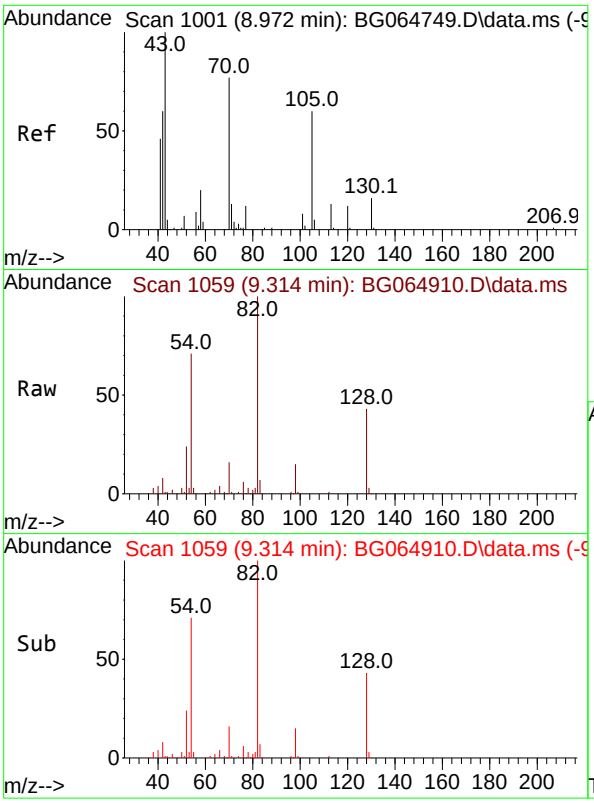


#7
Phenol-d6
Concen: 91.549 ng
RT: 7.298 min Scan# 716
Delta R.T. -0.011 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Tgt Ion: 99 Resp: 127878

Ion	Ratio	Lower	Upper
99	100		
42	24.5	16.8	25.2
71	46.0	31.1	46.7



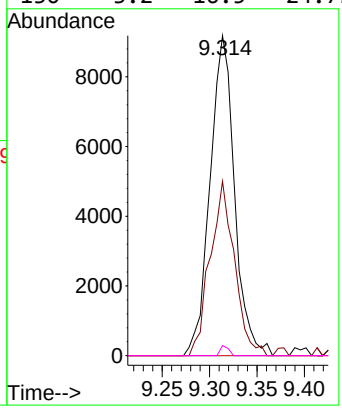


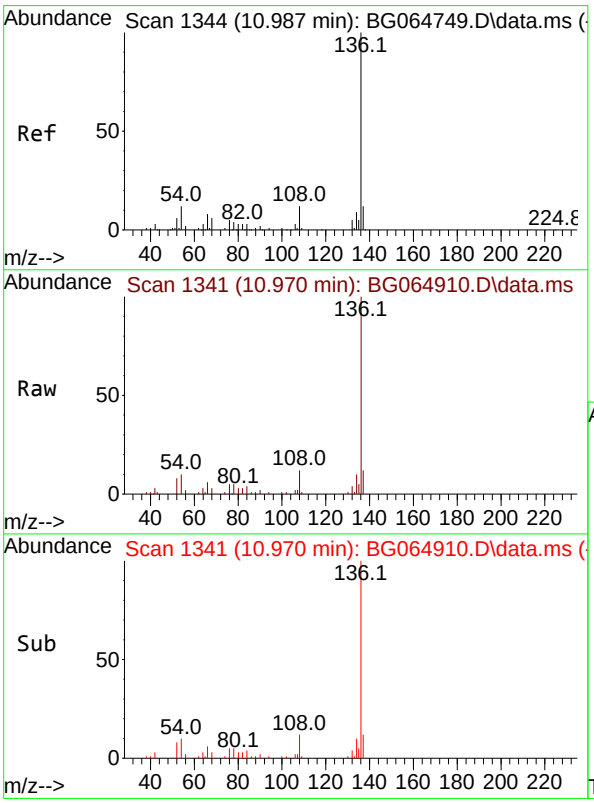
#19
n-Nitroso-di-n-propylamine
Concen: 17.498 ng
RT: 9.314 min Scan# 1
Delta R.T. 0.341 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 16526

Ion	Ratio	Lower	Upper
70	100		
42	54.5	62.6	93.8#
101	0.0	8.0	12.0#
130	3.2	16.5	24.7#

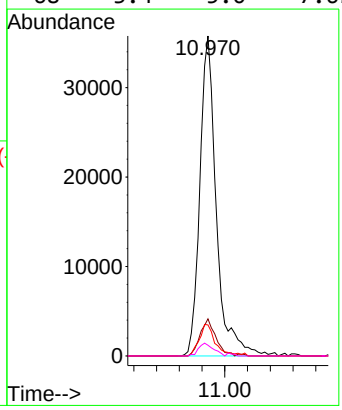


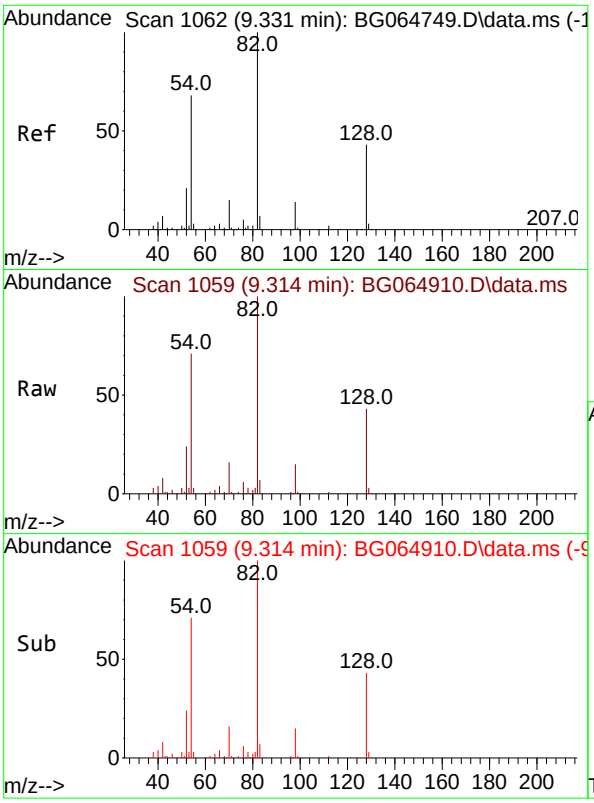


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.970 min Scan# 1341
Delta R.T. -0.017 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Tgt Ion:136 Resp: 71934

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	9.7	9.3	13.9
68	3.4	5.0	7.6#



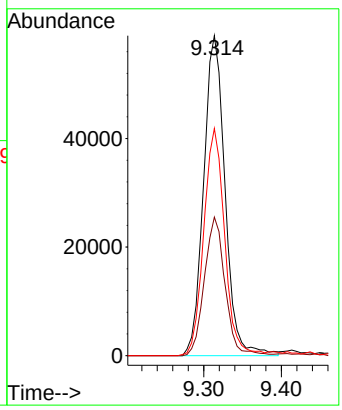


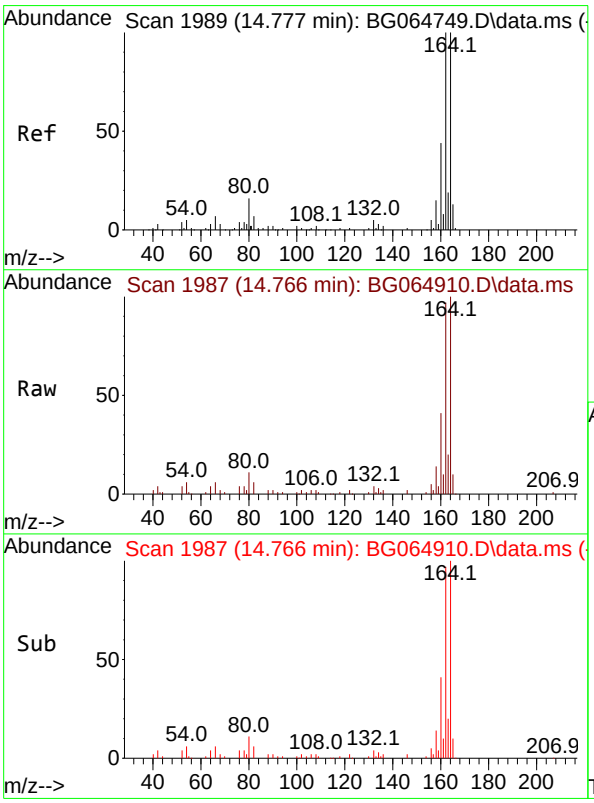
#23
Nitrobenzene-d5
Concen: 77.784 ng
RT: 9.314 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 113168

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.1	51.1
54	71.0	54.3	81.5

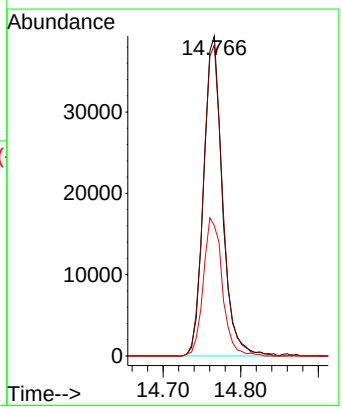


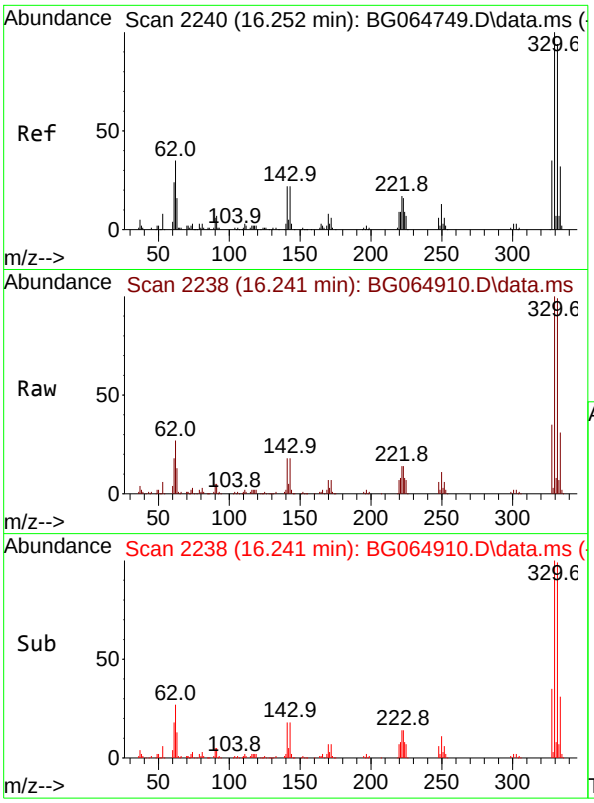


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Tgt Ion:164 Resp: 66009

Ion	Ratio	Lower	Upper
164	100		
162	97.2	79.8	119.6
160	40.7	34.9	52.3



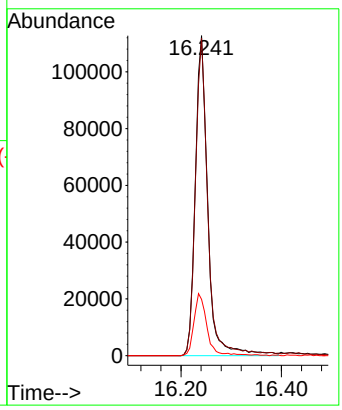


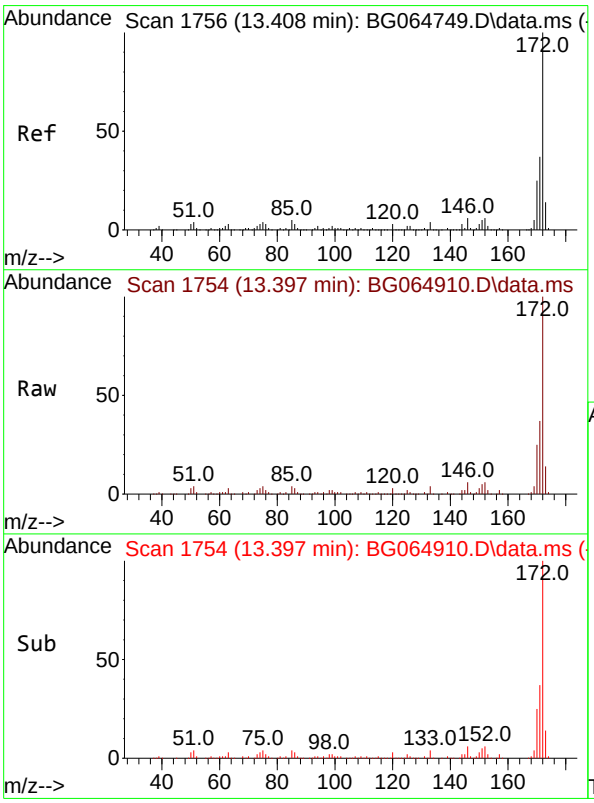
#42
2,4,6-Tribromophenol
Concen: 150.757 ng
RT: 16.241 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 194082

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	20.1	18.2	27.2

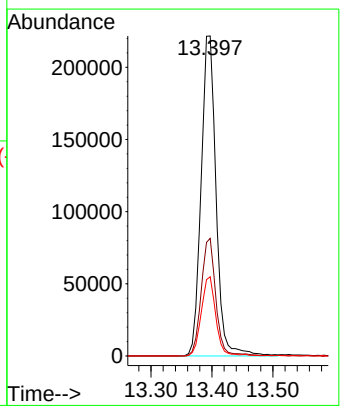


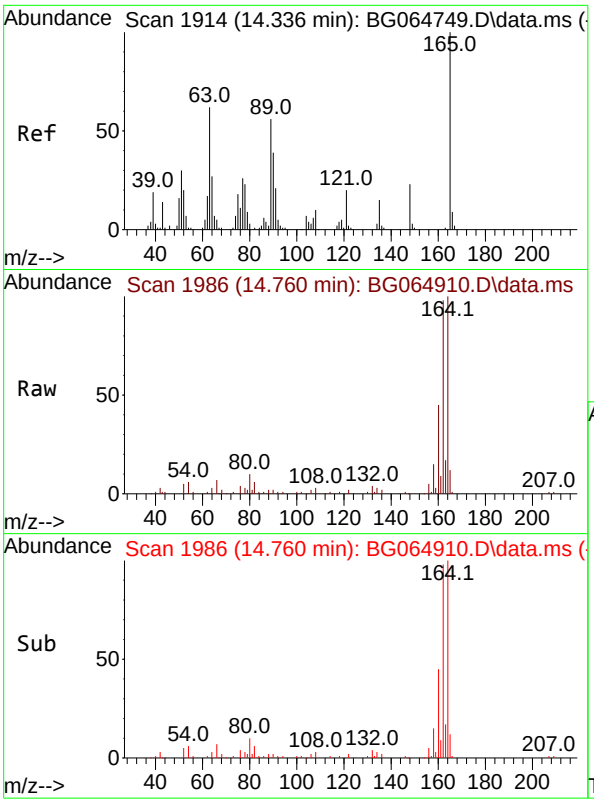


#45
2-Fluorobiphenyl
Concen: 80.117 ng
RT: 13.397 min Scan# 1754
Delta R.T. -0.011 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Tgt Ion:172 Resp: 379005

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.8	19.8	29.6



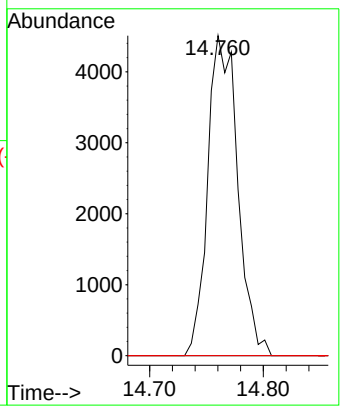


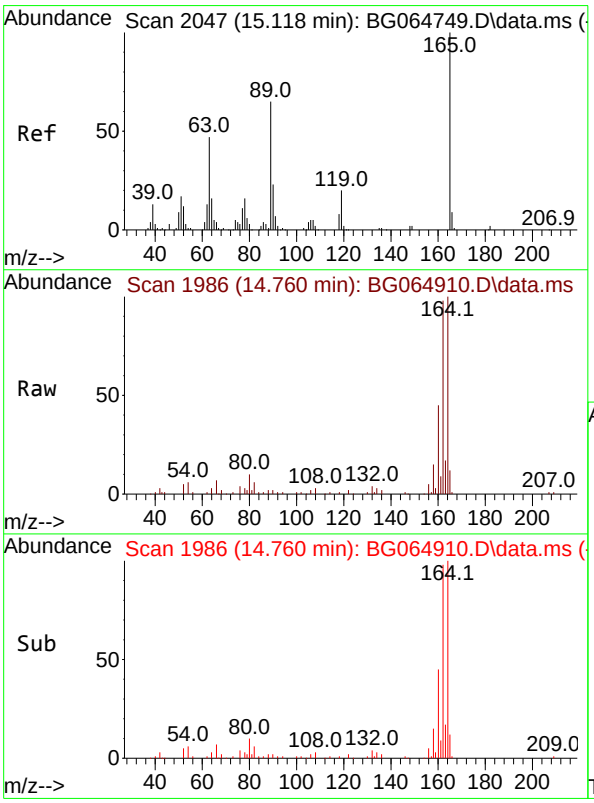
#51
2,6-Dinitrotoluene
Concen: 8.217 ng
RT: 14.760 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8245

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

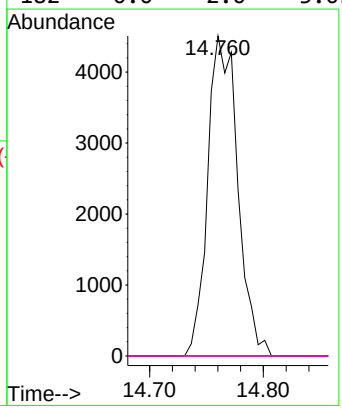


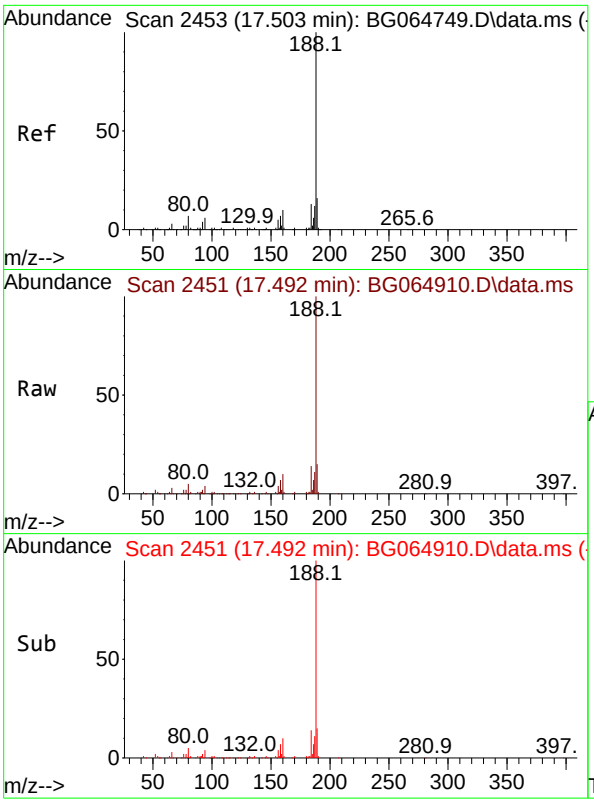


#57
2,4-Dinitrotoluene
Concen: 5.481 ng
RT: 14.760 min Scan# 1986
Delta R.T. -0.358 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Tgt Ion:165 Resp: 8245

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#



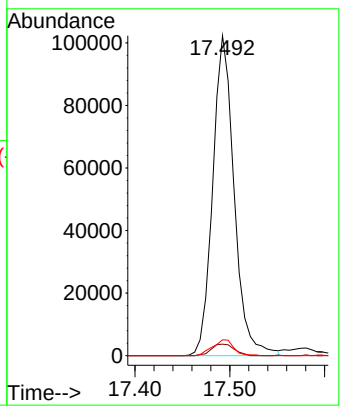


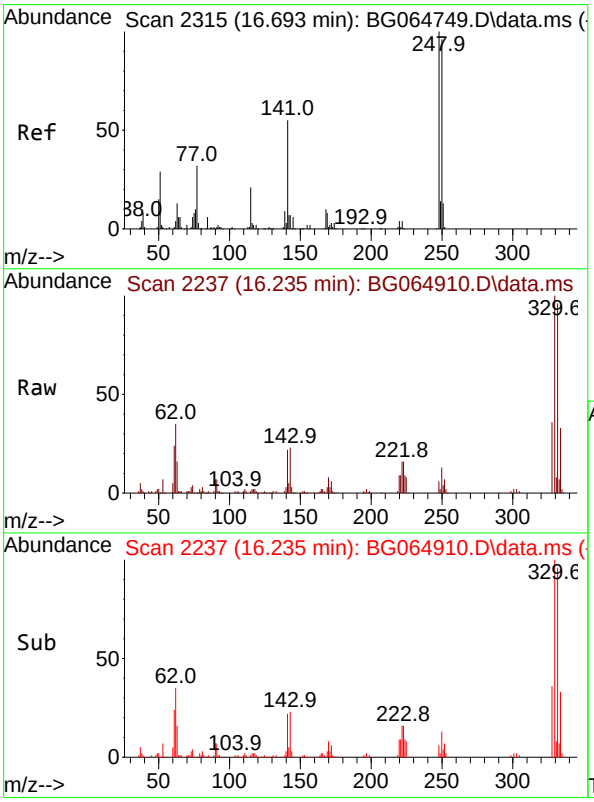
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 160763

Ion	Ratio	Lower	Upper
188	100		
94	3.6	4.7	7.1#
80	5.5	5.4	8.2

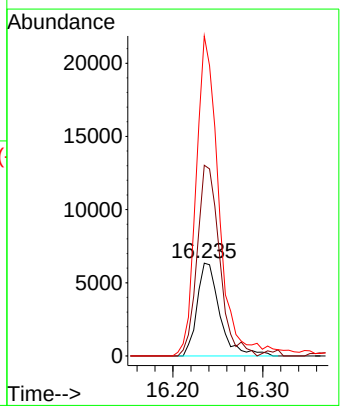


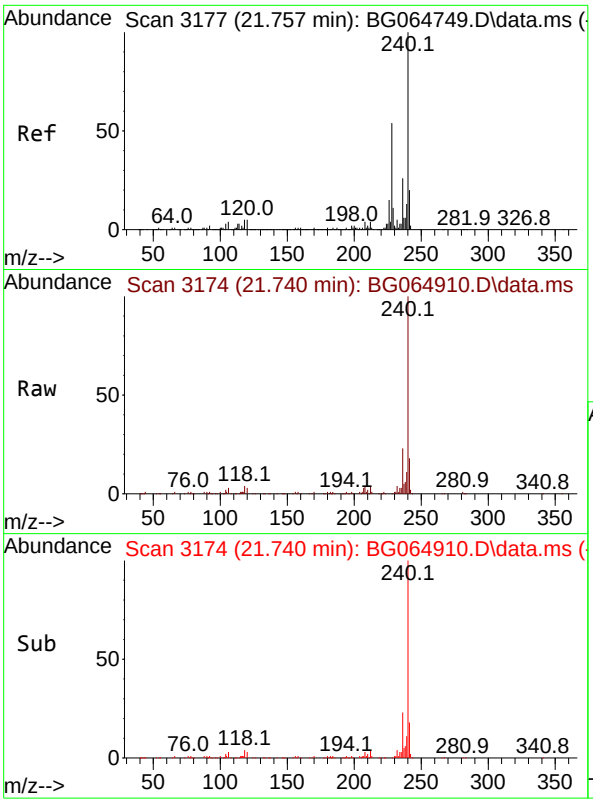


#67
4-Bromophenyl-phenylether
Concen: 5.267 ng
RT: 16.235 min Scan# 2237
Delta R.T. -0.458 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Tgt Ion:248 Resp: 11120

Ion	Ratio	Lower	Upper
248	100		
250	158.9	77.0	115.6#
141	266.6	43.7	65.5#



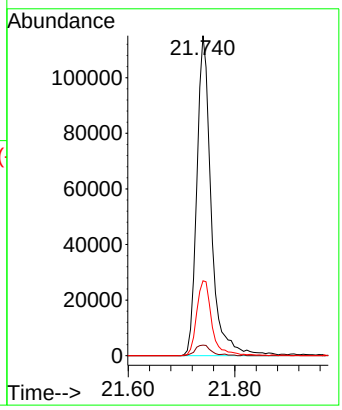


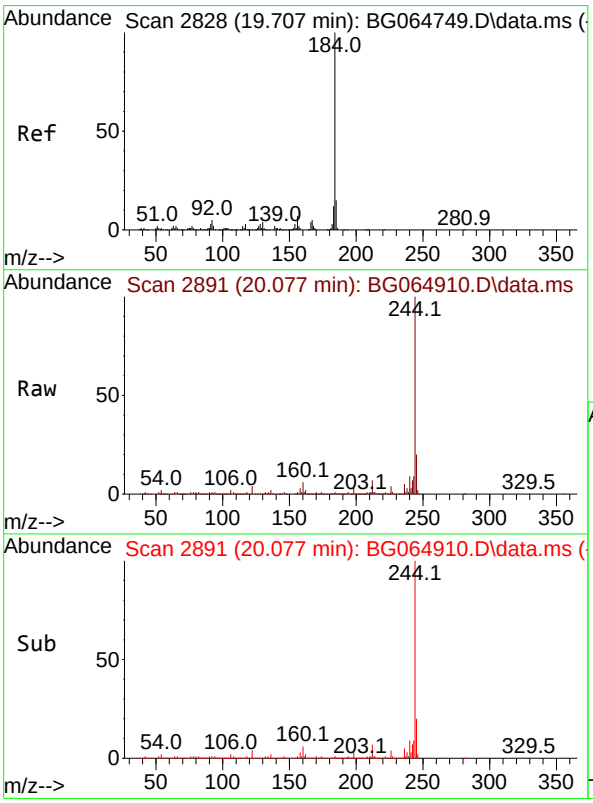
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 215874

Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.2	6.4#
236	23.4	20.8	31.2

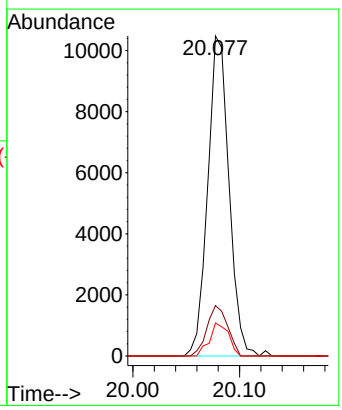


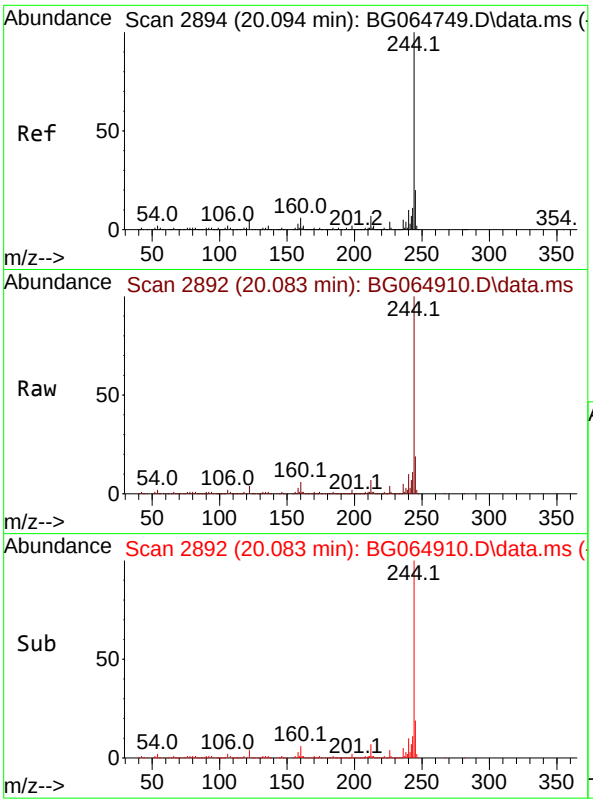


#77
Benzidine
Concen: 2.249 ng
RT: 20.077 min Scan# 2891
Delta R.T. 0.371 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Tgt Ion:184 Resp: 14543

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.6
183	10.3	9.8	14.6



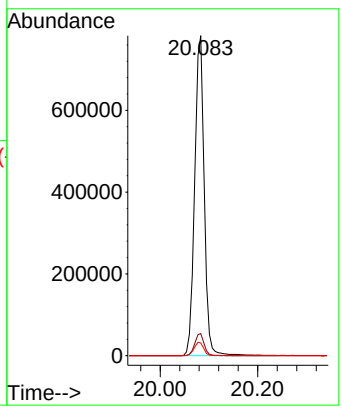


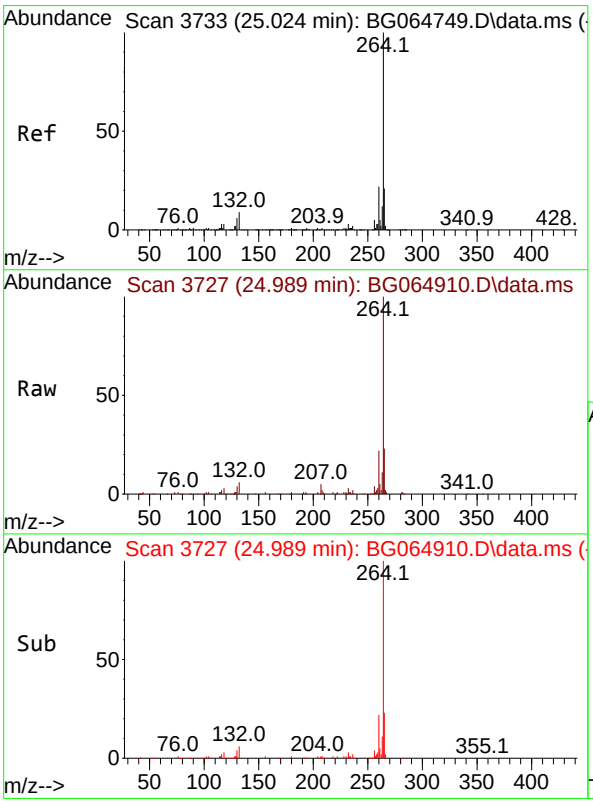
#79
Terphenyl-d14
Concen: 97.714 ng
RT: 20.083 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1072338

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	4.0	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3727
Delta R.T. -0.035 min
Lab File: BG064910.D
Acq: 9 Dec 2025 18:22

Tgt Ion:264 Resp: 225824

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.2	25.8
265	22.7	16.6	25.0