Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064302.D
Acq On : 8 Sep 2025 11:12
Operator : RC/JU
Sample : PB169566BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 08 12:15:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	21844	20.000	ng	0.00
21) Naphthalene-d8	10.635	136	88744	20.000	ng	#-0.02
39) Acenaphthene-d10	14.477	164	70127	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	186655	20.000	ng	# 0.00
76) Chrysene-d12	21.445	240	205964	20.000	ng	# 0.00
86) Perylene-d12	24.454	264	225743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	173234	142.281	ng	0.00
7) Phenol-d6	7.021	99	227793	136.182	ng	0.00
23) Nitrobenzene-d5	9.001	82	163352	102.657	ng	-0.02
42) 2,4,6-Tribromophenol	15.964	330	156211	168.174	ng	0.00
45) 2-Fluorobiphenyl	13.096	172	425539	92.621	ng	-0.02
79) Terphenyl-d14	19.836	244	965803	97.833	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.995	70	23804	18.594	ng	# 76
51) 2,6-Dinitrotoluene	14.471	165	9846	9.582	ng	# 14
57) 2,4-Dinitrotoluene	14.471	165	9846	6.337	ng	# 17
67) 4-Bromophenyl-phenylether	15.964	248	10666	5.380	ng	# 1
77) Benzidine	19.836	184	18770	4.332	ng	# 94

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

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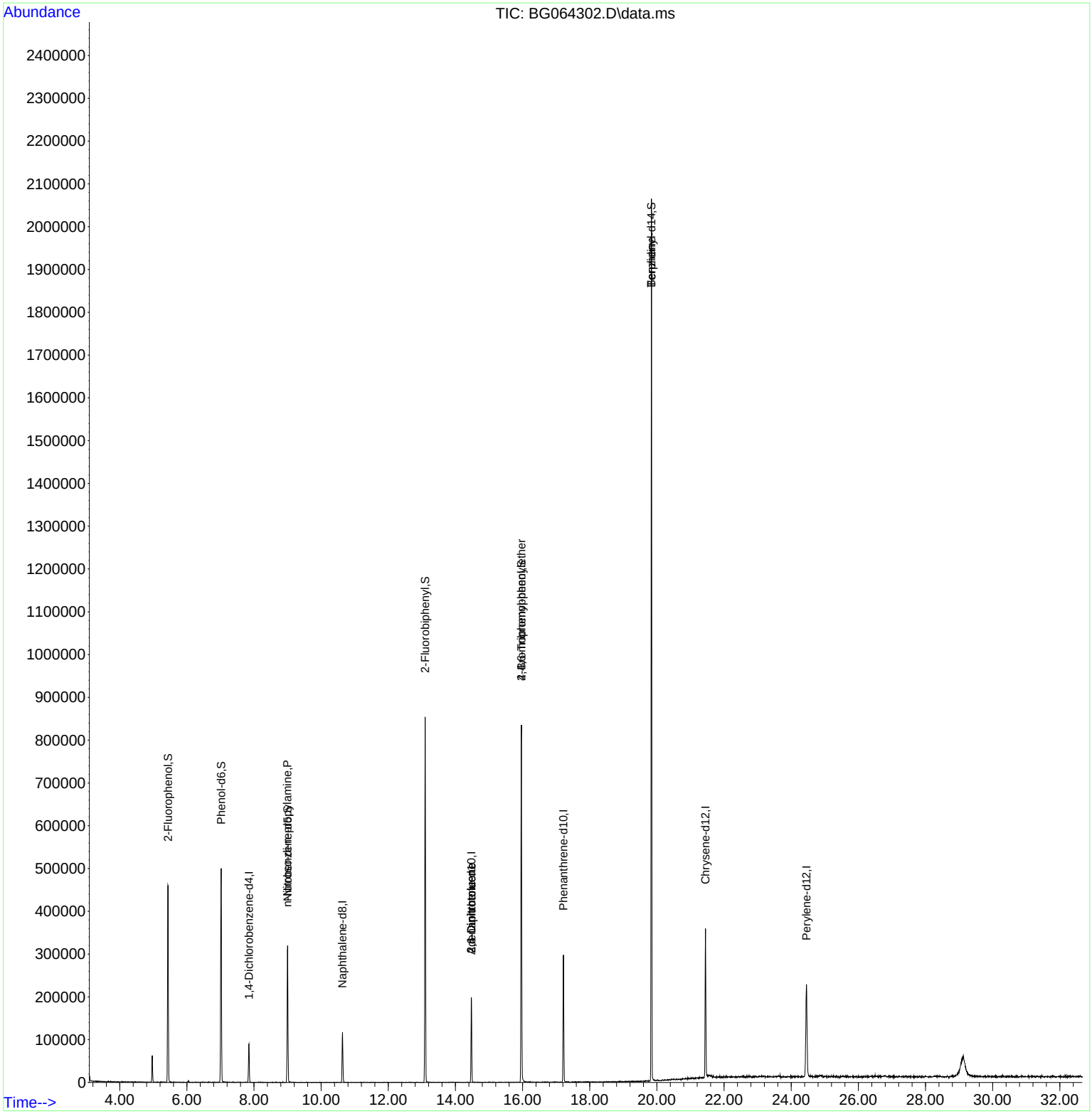
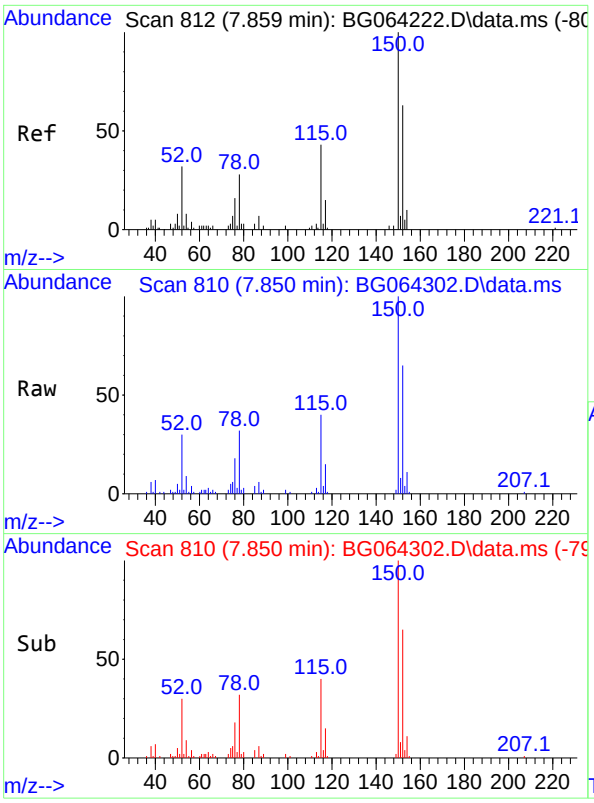


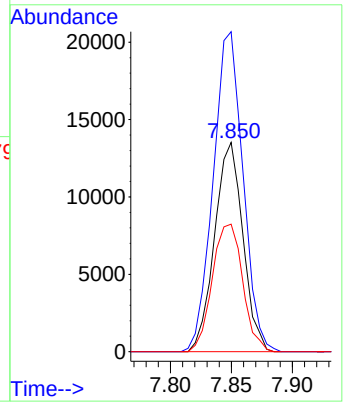


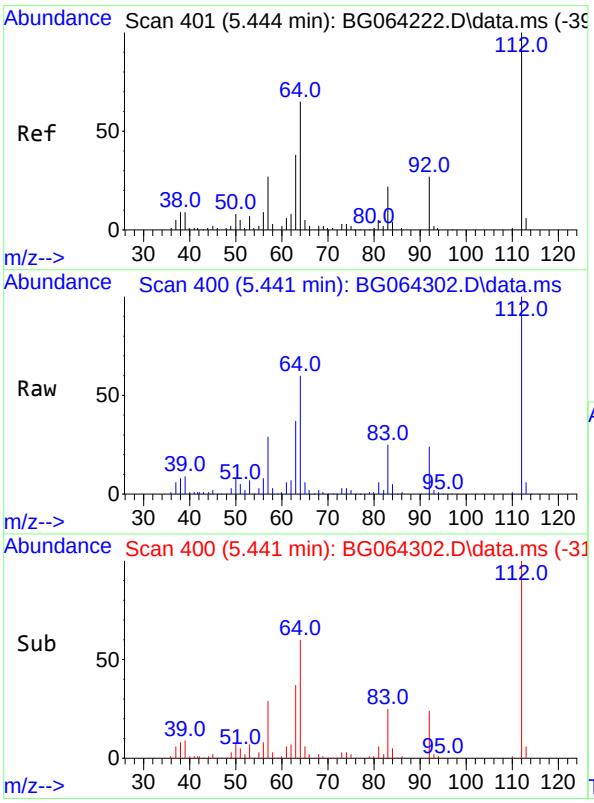
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.850 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 21844

Ion	Ratio	Lower	Upper
152	100		
150	152.9	128.0	192.0
115	60.9	55.7	83.5

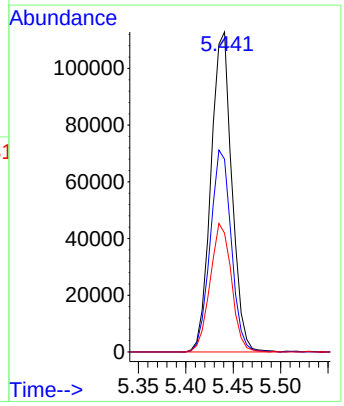


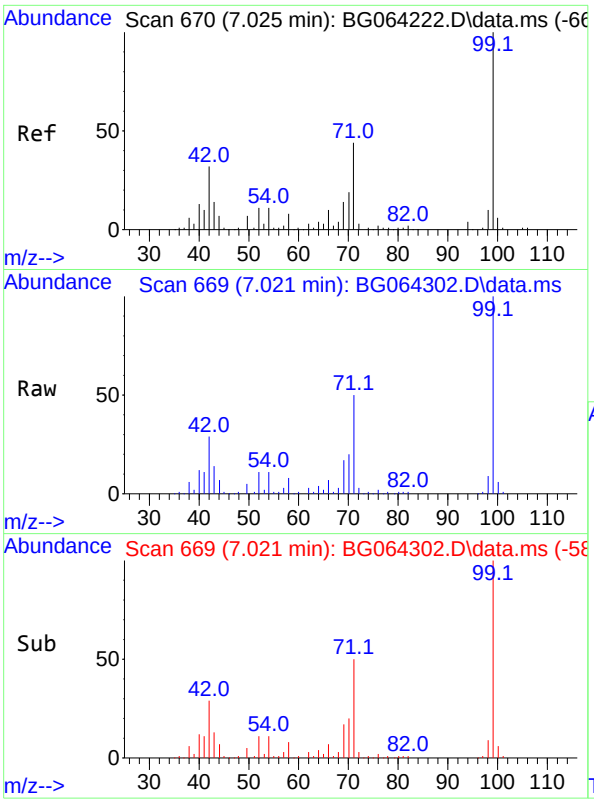


#5
2-Fluorophenol
Concen: 142.281 ng
RT: 5.441 min Scan# 400
Delta R.T. -0.004 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion:112 Resp: 173234

Ion	Ratio	Lower	Upper
112	100		
64	60.2	51.8	77.6
63	37.1	30.6	45.8



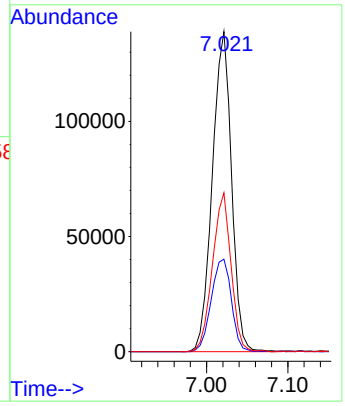


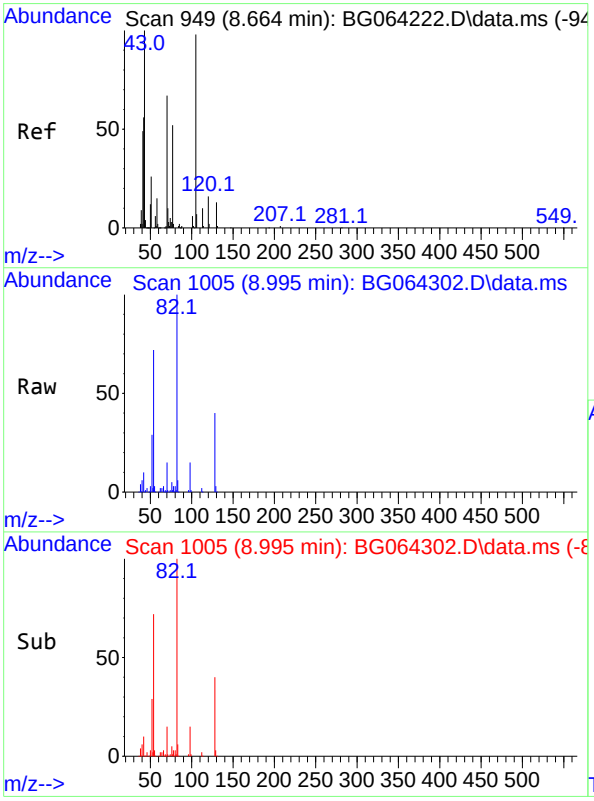
#7
Phenol-d6
Concen: 136.182 ng
RT: 7.021 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 227793

Ion	Ratio	Lower	Upper
99	100		
42	28.9	25.8	38.8
71	49.6	35.2	52.8

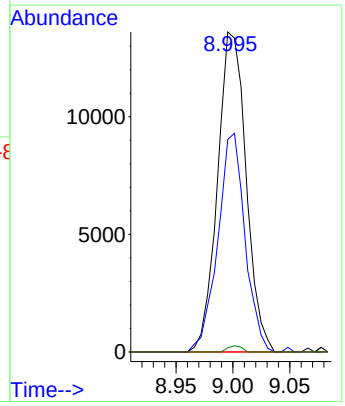


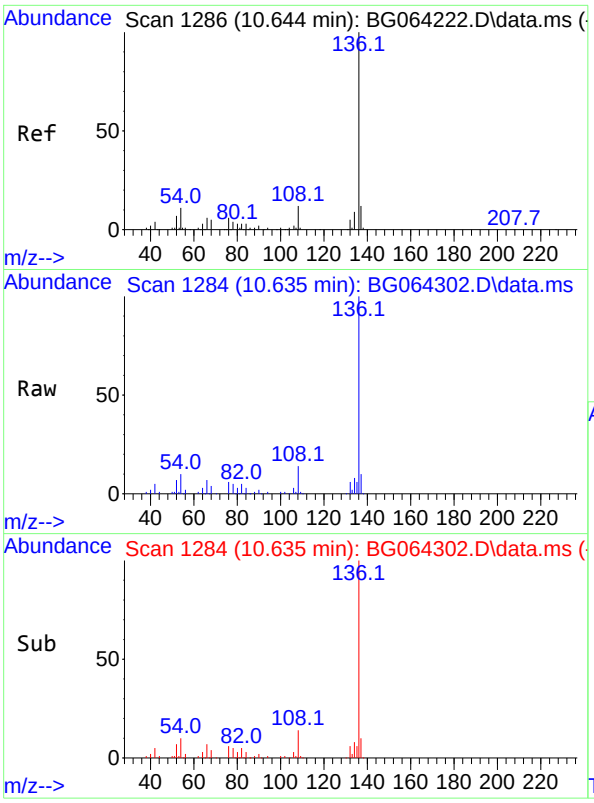


#19
n-Nitroso-di-n-propylamine
Concen: 18.594 ng
RT: 8.995 min Scan# 1005
Delta R.T. 0.331 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion: 70 Resp: 23804

Ion	Ratio	Lower	Upper
70	100		
42	66.4	67.9	101.9#
101	0.0	7.3	10.9#
130	1.3	15.6	23.4#



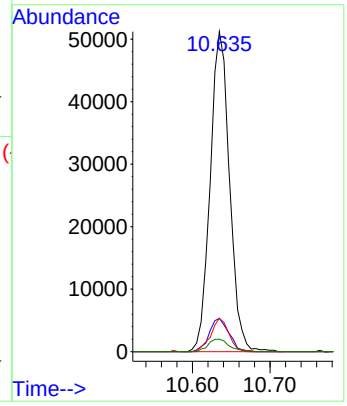


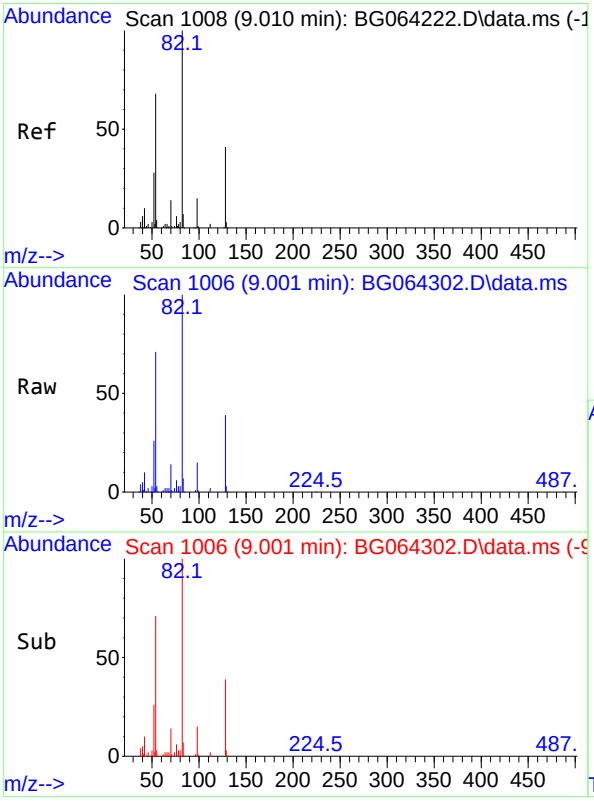
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.635 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 88744

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	10.5	8.8	13.2
68	3.9	4.1	6.1#

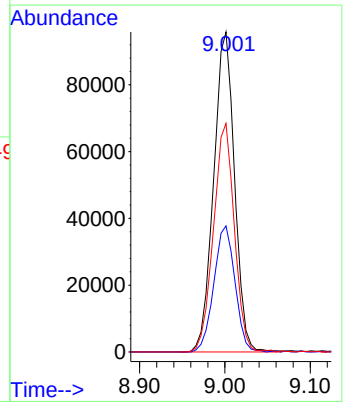


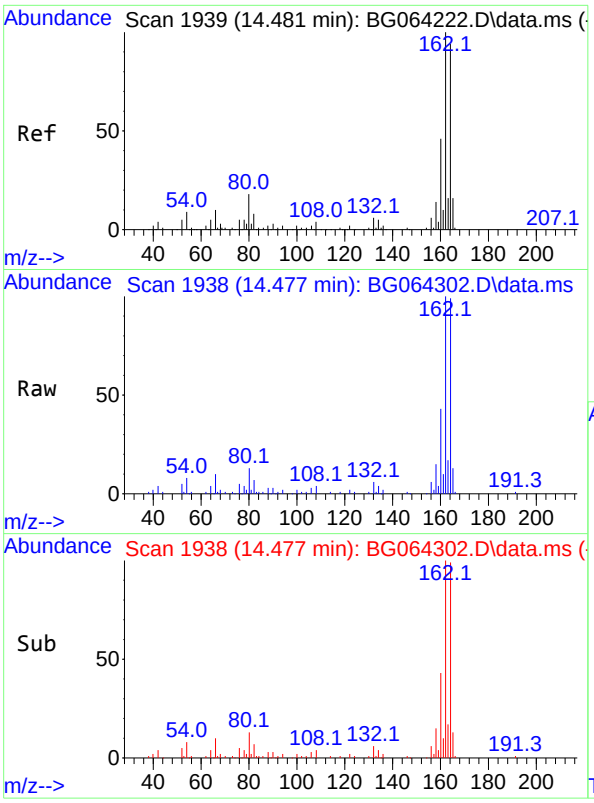


#23
Nitrobenzene-d5
Concen: 102.657 ng
RT: 9.001 min Scan# 1006
Delta R.T. -0.015 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion: 82 Resp: 163352

Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.6	48.8
54	71.4	54.7	82.1



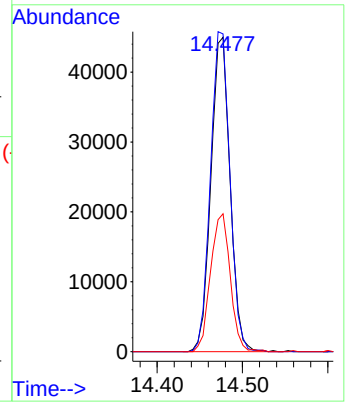


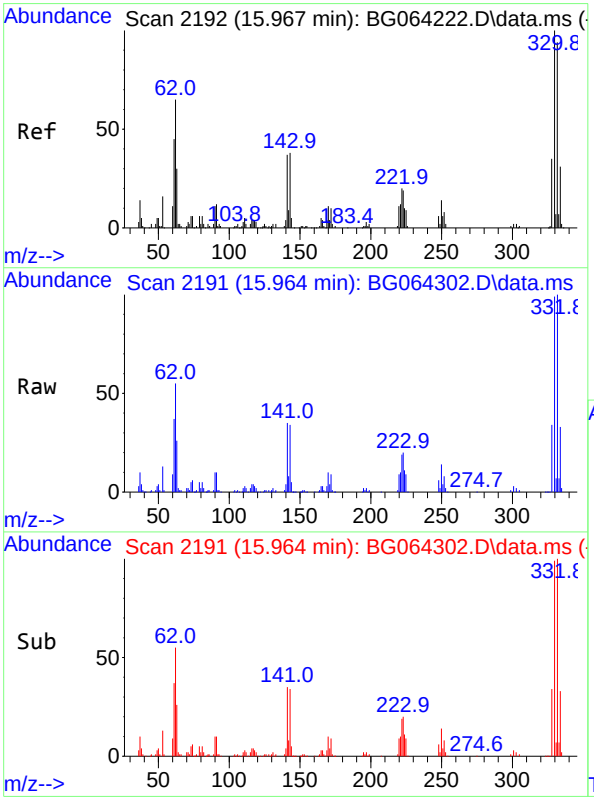
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 70127

Ion	Ratio	Lower	Upper
164	100		
162	101.1	85.4	128.0
160	43.9	39.2	58.8

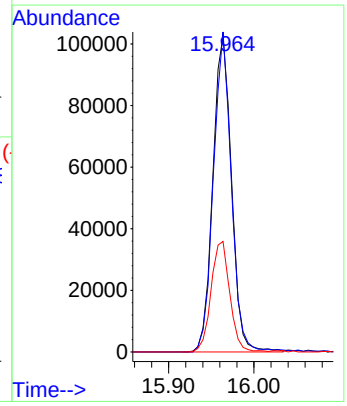


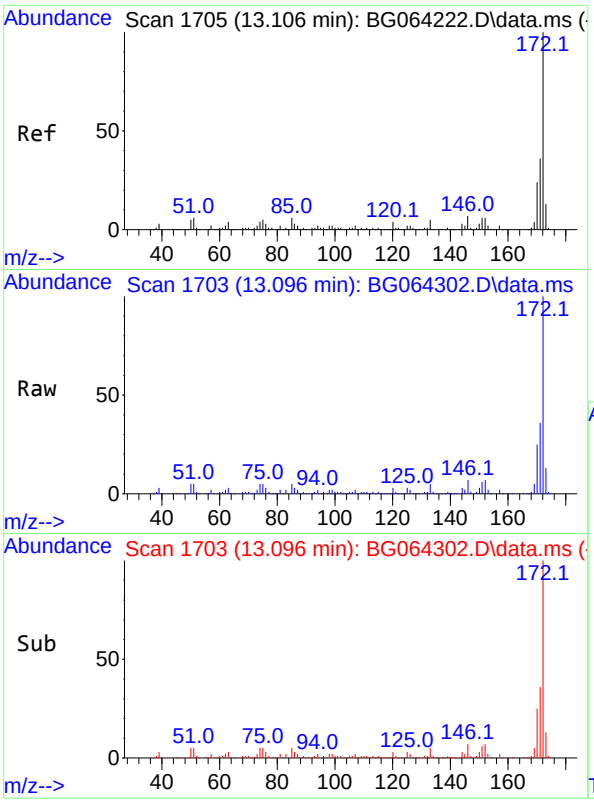


#42
2,4,6-Tribromophenol
Concen: 168.174 ng
RT: 15.964 min Scan# 2191
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion:330 Resp: 156211

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	35.1	29.8	44.6



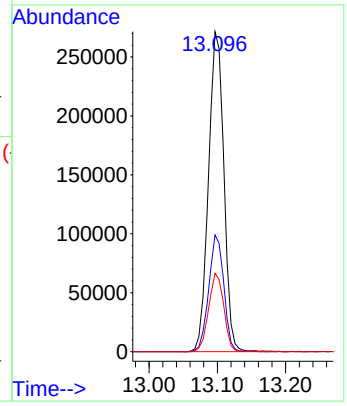


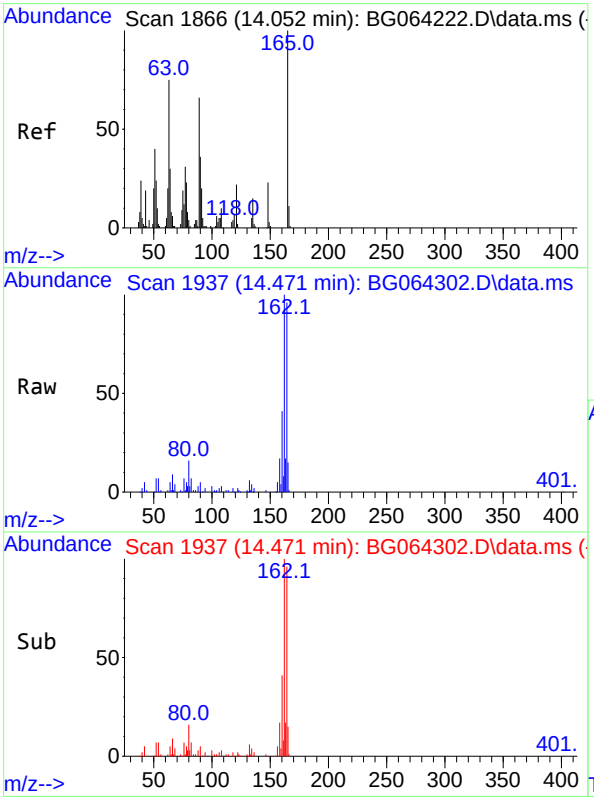
#45
2-Fluorobiphenyl
Concen: 92.621 ng
RT: 13.096 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 425539

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.7	43.1
170	24.5	19.0	28.6

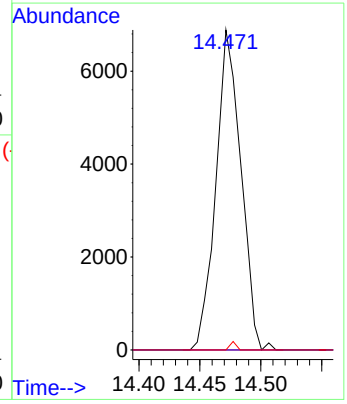


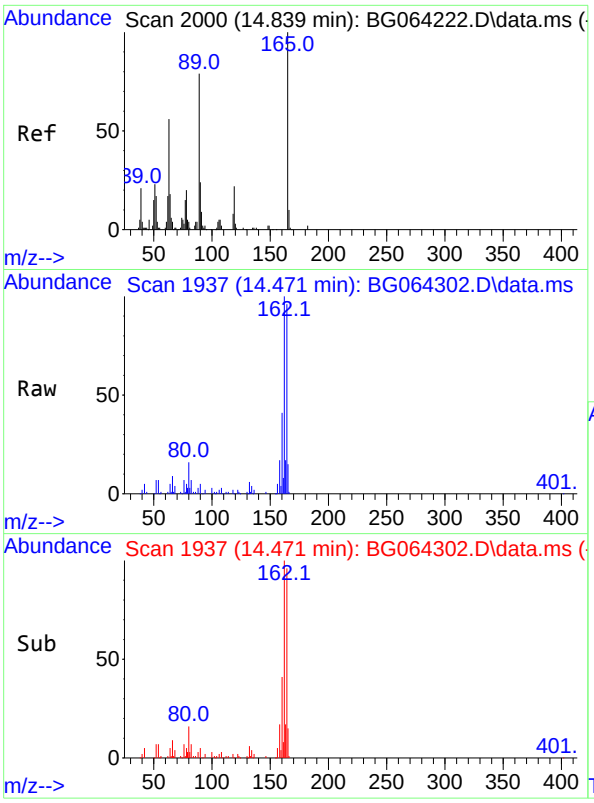


#51
2,6-Dinitrotoluene
Concen: 9.582 ng
RT: 14.471 min Scan# 1937
Delta R.T. 0.414 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion:165 Resp: 9846

Ion	Ratio	Lower	Upper
165	100		
63	0.0	60.3	90.5#
89	0.0	52.9	79.3#



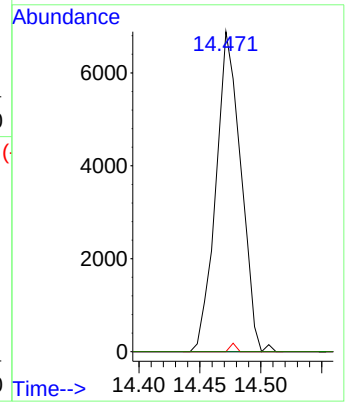


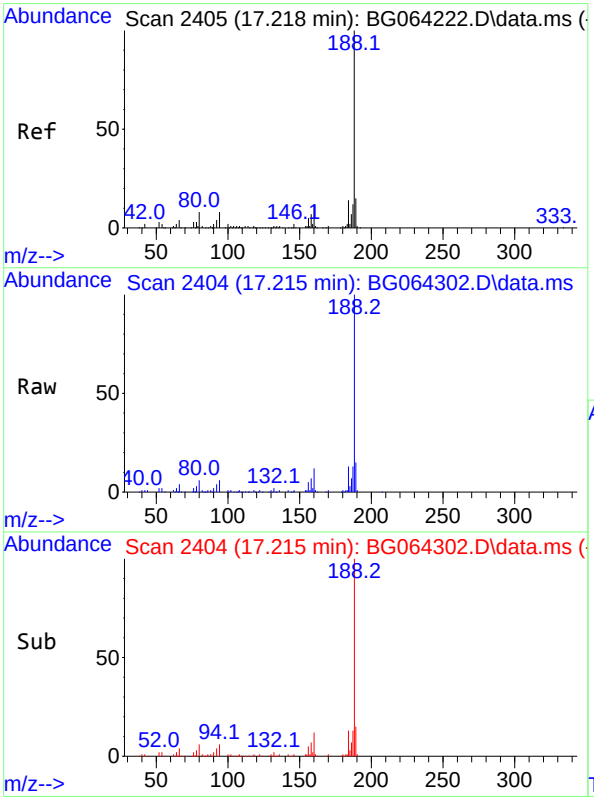
#57
2,4-Dinitrotoluene
Concen: 6.337 ng
RT: 14.471 min Scan# 1
Delta R.T. -0.374 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9846

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	67.0#
89	0.0	63.0	94.4#
182	0.0	1.5	2.3#

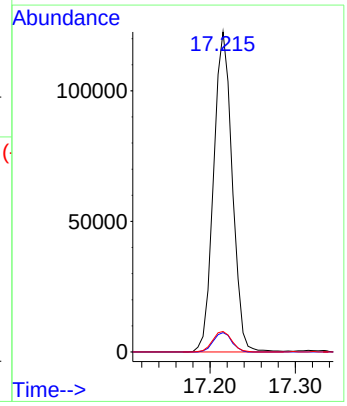


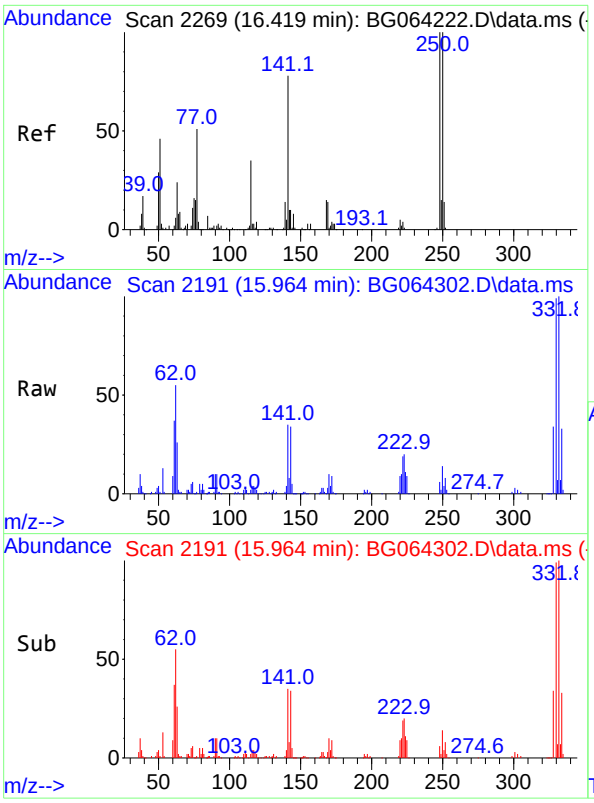


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion:188 Resp: 186655

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.2	9.4#
80	6.4	6.8	10.2#



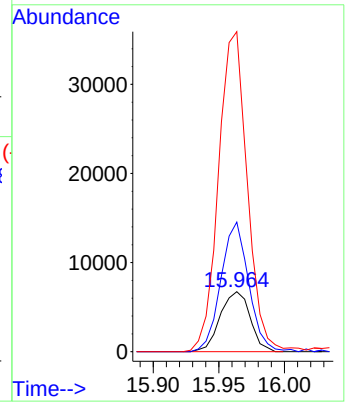


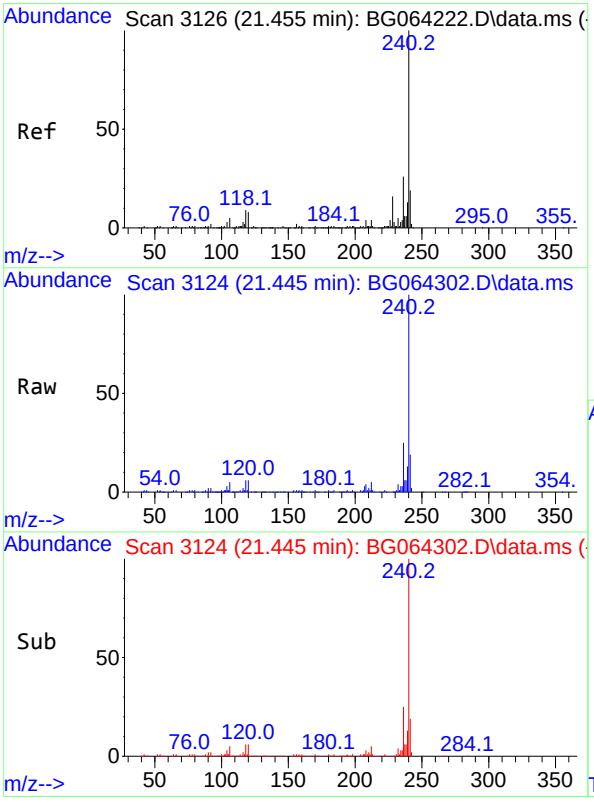
#67
4-Bromophenyl-phenylether
Concen: 5.380 ng
RT: 15.964 min Scan# 2
Delta R.T. -0.456 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10666

Ion	Ratio	Lower	Upper
248	100		
250	216.0	80.2	120.4#
141	533.3	62.4	93.6#

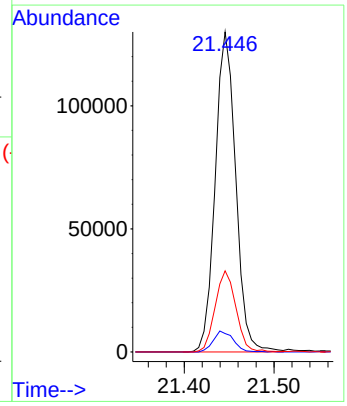


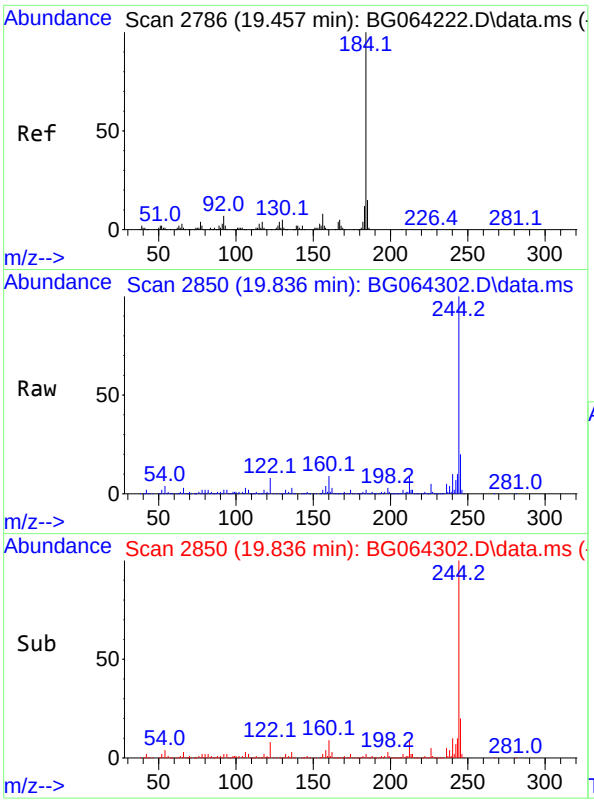


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion:240 Resp: 205964

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.2	9.4#
236	25.3	20.5	30.7



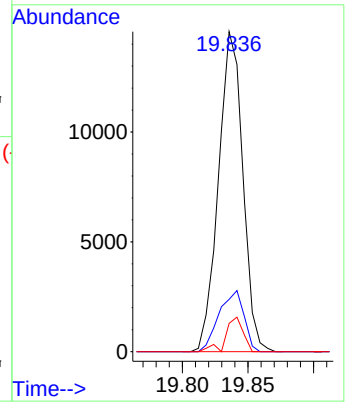


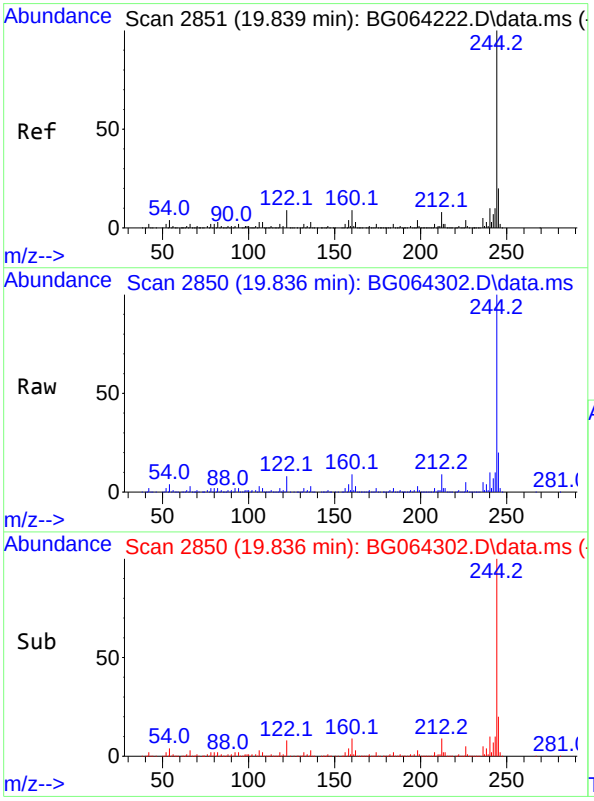
#77
Benzidine
Concen: 4.332 ng
RT: 19.836 min Scan# 2
Delta R.T. 0.378 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 18770

Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.7	17.5
183	8.8	9.7	14.5#

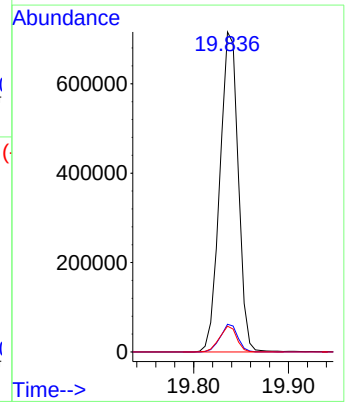


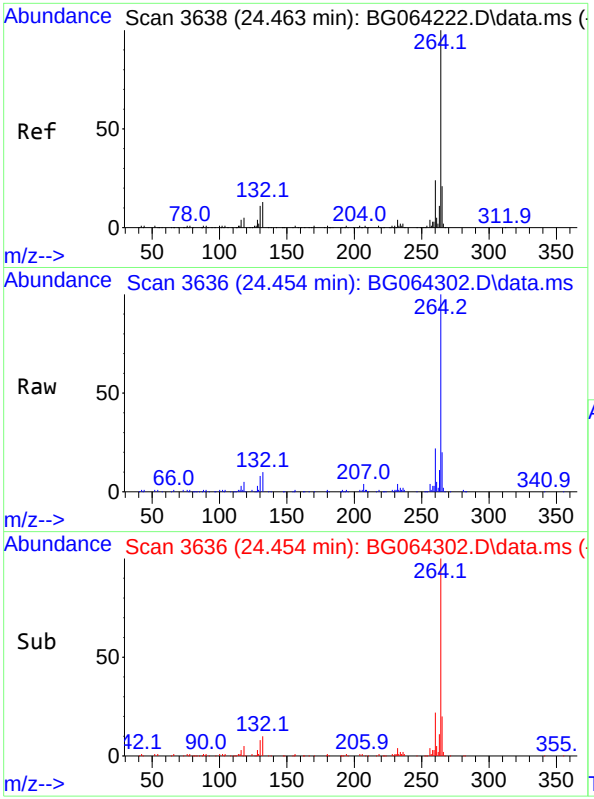


#79
Terphenyl-d14
Concen: 97.833 ng
RT: 19.836 min Scan# 2850
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Tgt Ion:244 Resp: 965803

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	8.1	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.454 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064302.D
Acq: 8 Sep 2025 11:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 225743

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.9	28.3
265	20.1	16.7	25.1