Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064913.D
Acq On : 9 Dec 2025 20:25
Operator : RC/JU
Sample : Q3795-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Quant Time: Dec 10 00:16:41 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	8.148	152	18551	20.000	ng	-0.02
21) Naphthalene-d8	10.969	136	70993	20.000	ng	#-0.02
39) Acenaphthene-d10	14.764	164	68210	20.000	ng	-0.01
64) Phenanthrene-d10	17.490	188	164648	20.000	ng	#-0.01
76) Chrysene-d12	21.738	240	216908	20.000	ng	#-0.02
86) Perylene-d12	24.993	264	233913	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	111530	104.984	ng	-0.01
7) Phenol-d6	7.297	99	131764	93.253	ng	-0.01
23) Nitrobenzene-d5	9.312	82	106108	73.899	ng	-0.02
42) 2,4,6-Tribromophenol	16.239	330	196415	147.647	ng	-0.01
45) 2-Fluorobiphenyl	13.395	172	363372	74.333	ng	-0.01
79) Terphenyl-d14	20.082	244	1170541	106.154	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.318	70	16263	17.023	ng	# 62
51) 2,6-Dinitrotoluene	14.764	165	9126	8.802	ng	# 21
57) 2,4-Dinitrotoluene	14.764	165	9126	5.871	ng	# 24
67) 4-Bromophenyl-phenylether	16.239	248	10855	5.020	ng	# 1
77) Benzidine	20.082	184	16235	2.499	ng	# 96

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

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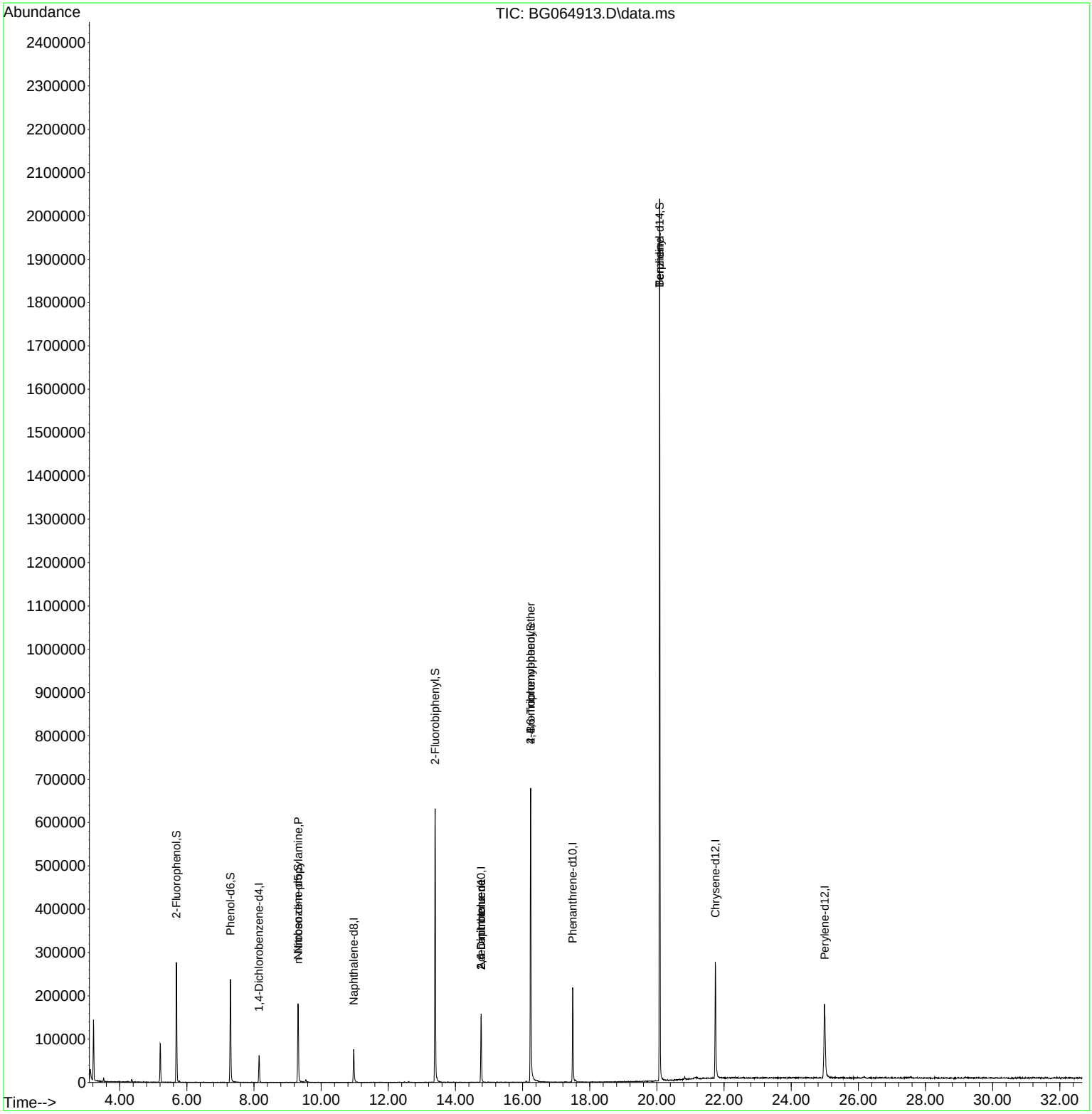
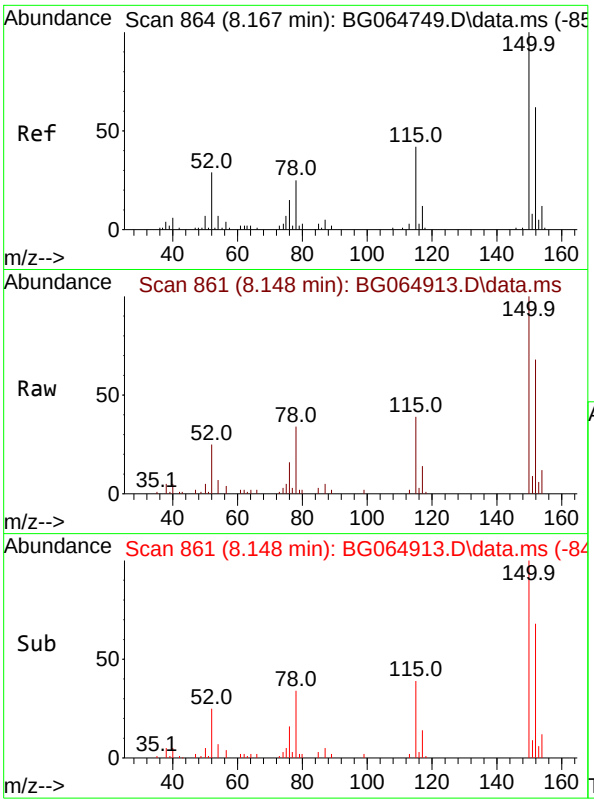


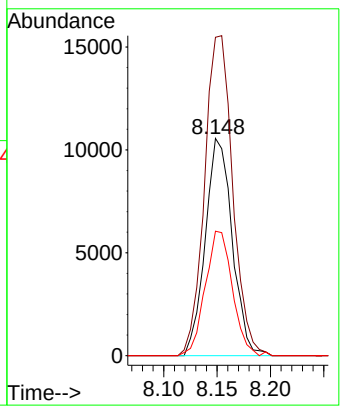


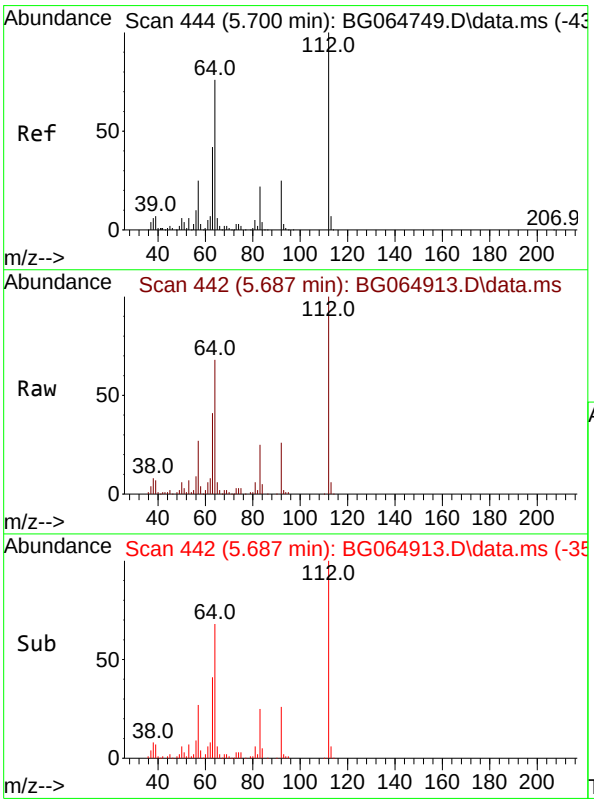
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 8
Delta R.T. -0.019 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:152 Resp: 18551

Ion	Ratio	Lower	Upper
152	100		
150	146.6	129.2	193.8
115	57.3	53.7	80.5

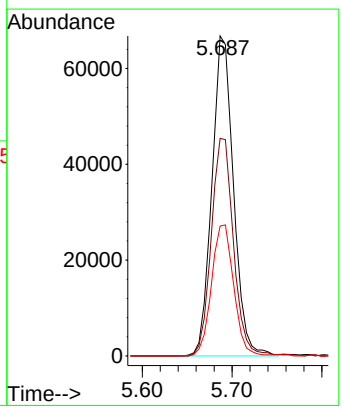


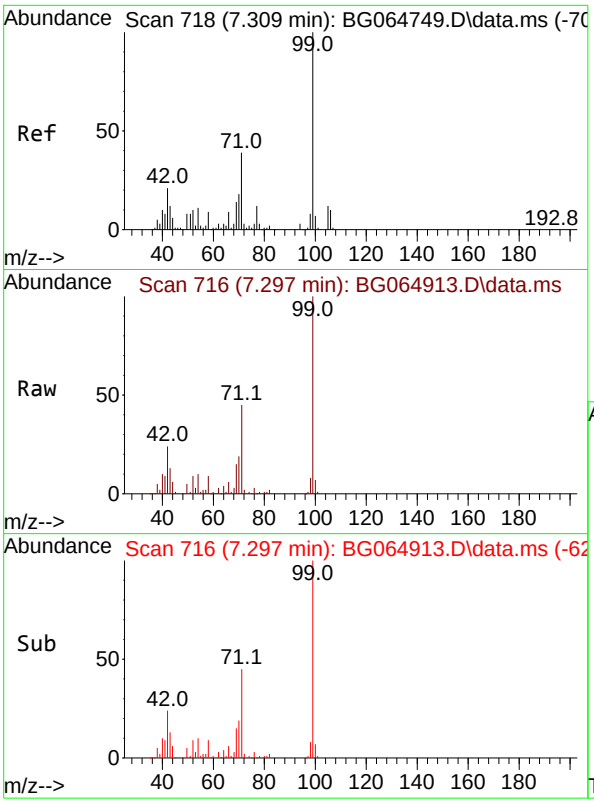


#5
2-Fluorophenol
Concen: 104.984 ng
RT: 5.687 min Scan# 442
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion:112 Resp: 111530

Ion	Ratio	Lower	Upper
112	100		
64	68.0	61.0	91.4
63	40.6	33.3	49.9



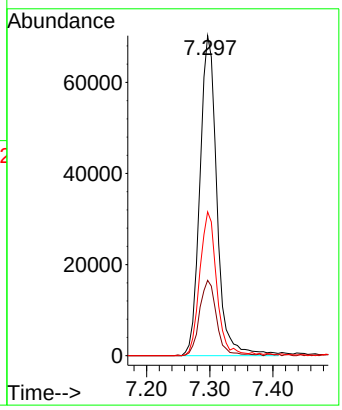


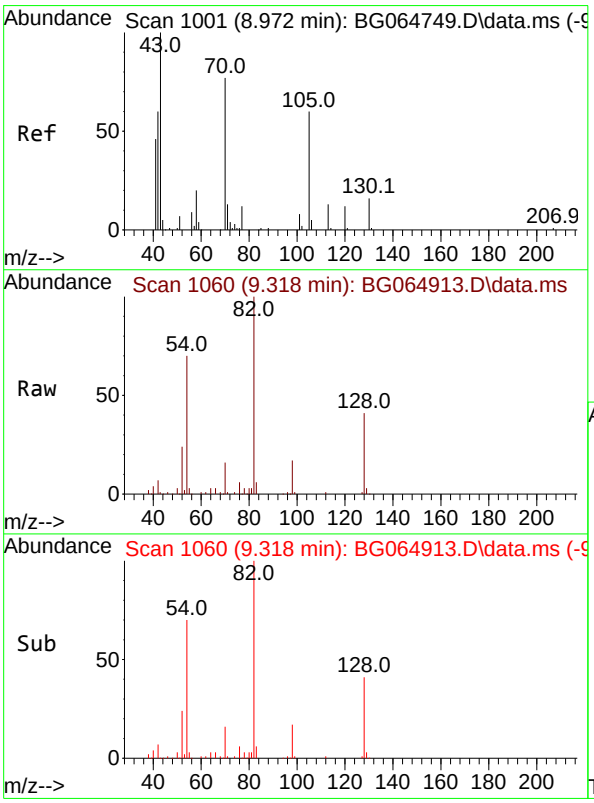
#7
Phenol-d6
Concen: 93.253 ng
RT: 7.297 min Scan# 7
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion: 99 Resp: 131764

Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.8	25.2
71	45.0	31.1	46.7

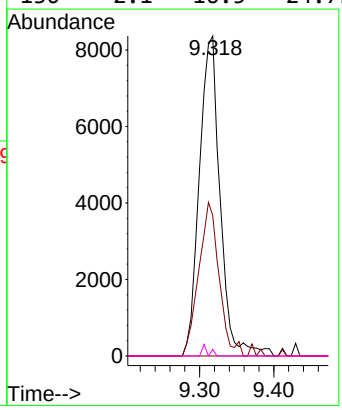


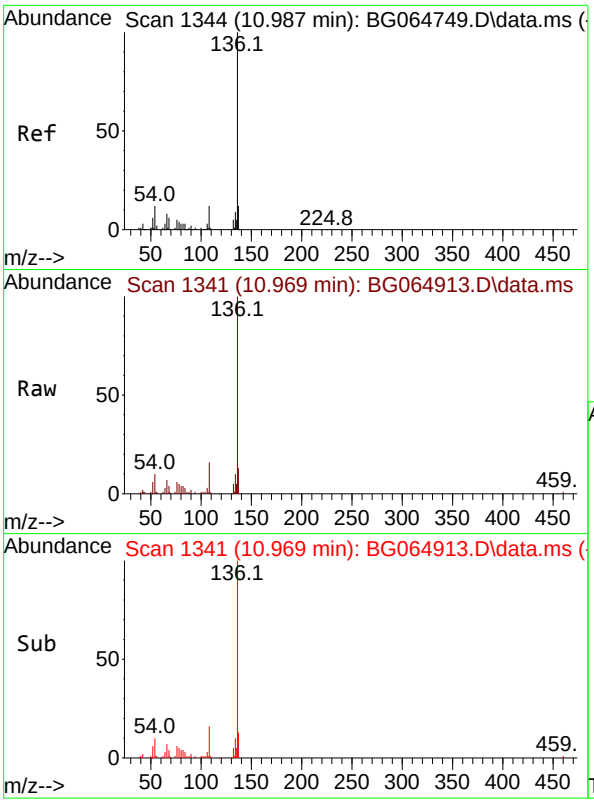


#19
n-Nitroso-di-n-propylamine
Concen: 17.023 ng
RT: 9.318 min Scan# 1060
Delta R.T. 0.346 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion: 70 Resp: 16263

Ion	Ratio	Lower	Upper
70	100		
42	43.9	62.6	93.8#
101	0.0	8.0	12.0#
130	2.1	16.5	24.7#



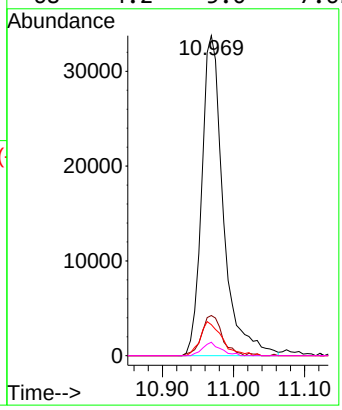


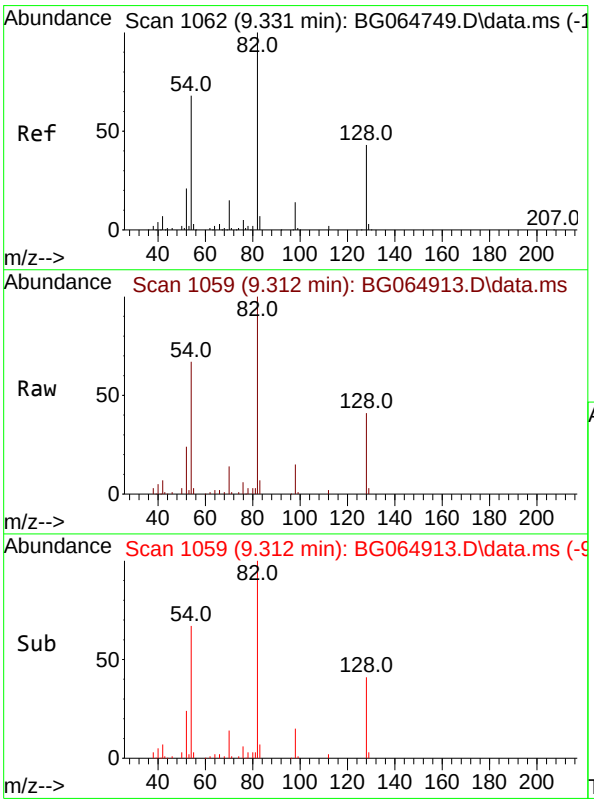
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:136 Resp: 70993

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.3	13.9
54	9.7	9.3	13.9
68	4.2	5.0	7.6#

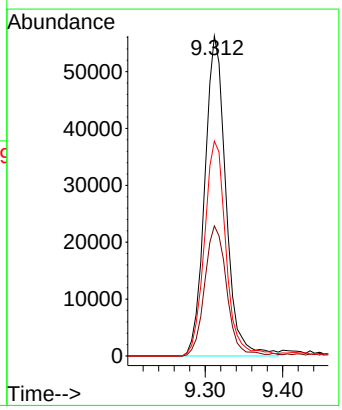


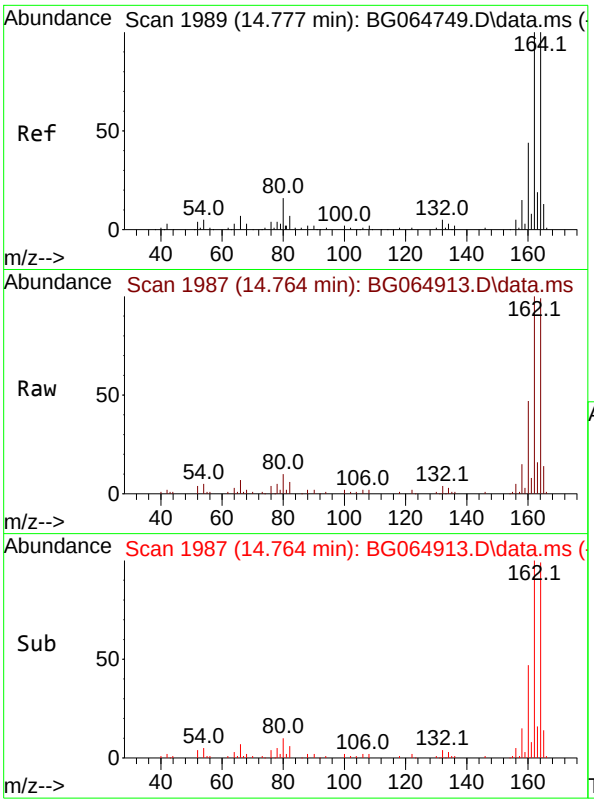


#23
Nitrobenzene-d5
Concen: 73.899 ng
RT: 9.312 min Scan# 1059
Delta R.T. -0.019 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion: 82 Resp: 106108

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.1	51.1
54	67.2	54.3	81.5



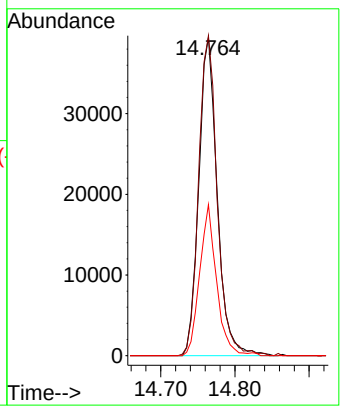


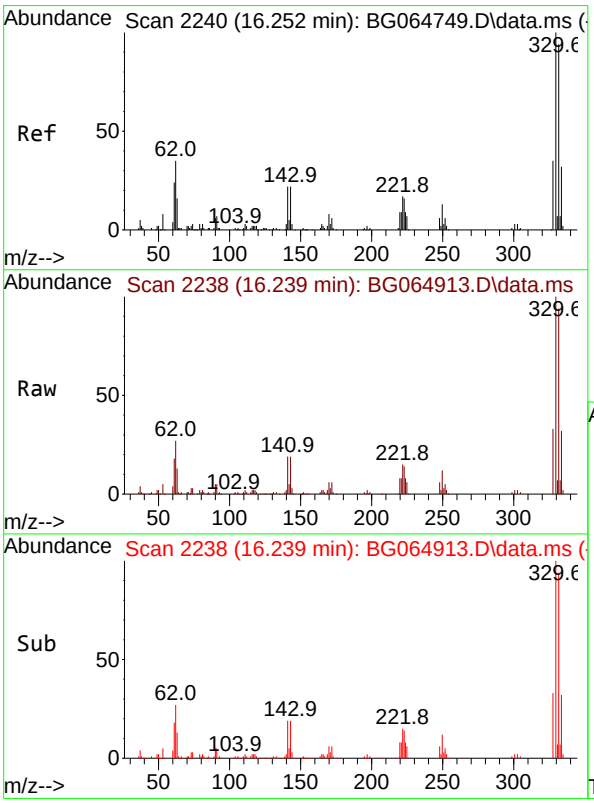
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.764 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:164 Resp: 68210

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.8	119.6
160	47.5	34.9	52.3

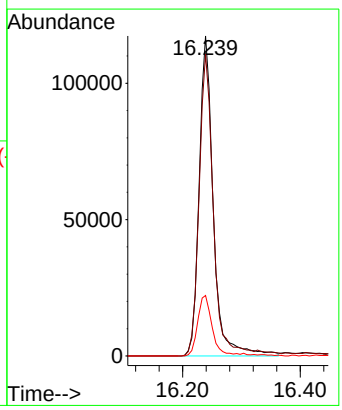


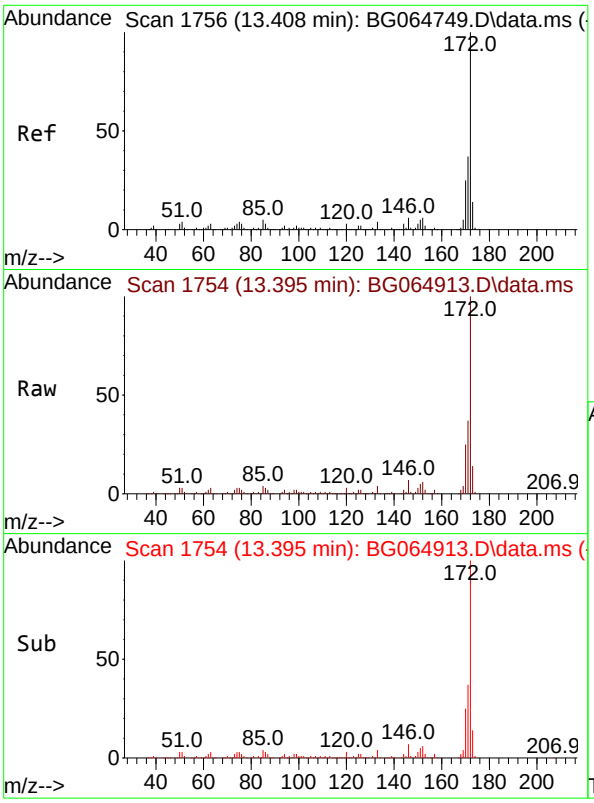


#42
2,4,6-Tribromophenol
Concen: 147.647 ng
RT: 16.239 min Scan# 2238
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion:330 Resp: 196415

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	19.7	18.2	27.2



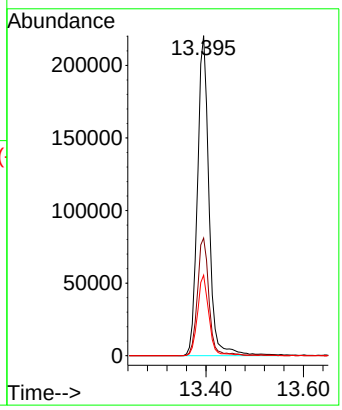


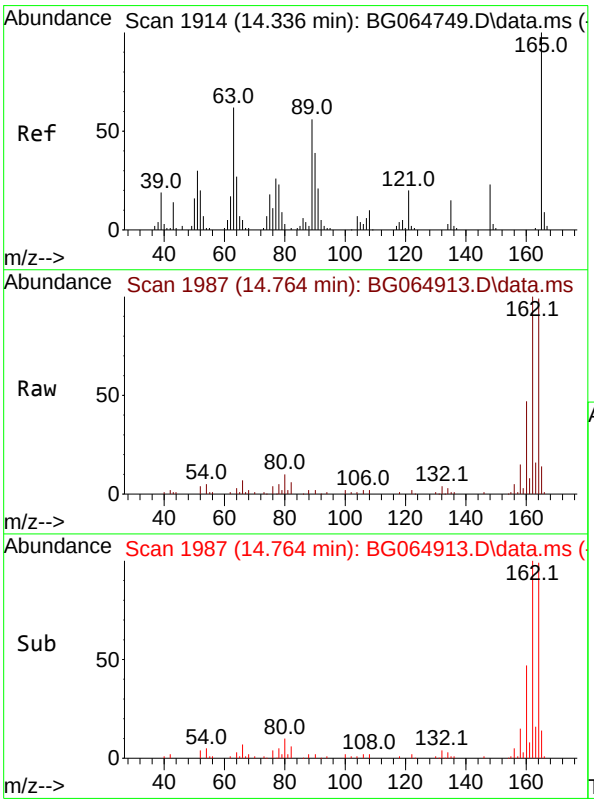
#45
2-Fluorobiphenyl
Concen: 74.333 ng
RT: 13.395 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:172 Resp: 363372

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	25.1	19.8	29.6

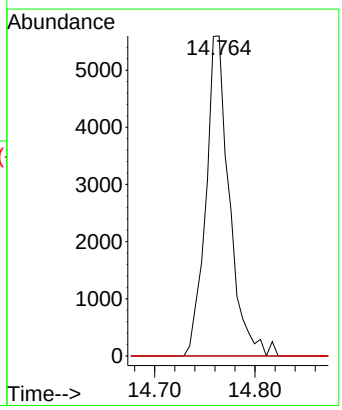


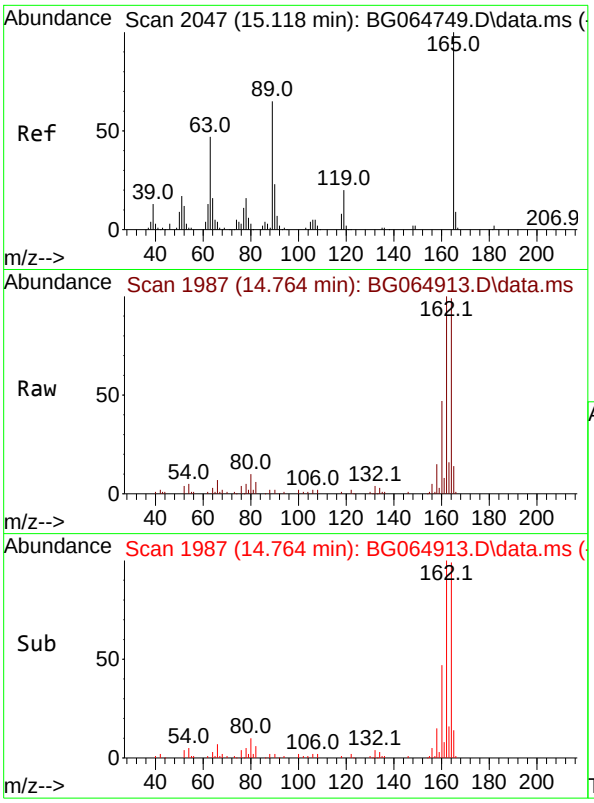


#51
2,6-Dinitrotoluene
Concen: 8.802 ng
RT: 14.764 min Scan# 1987
Delta R.T. 0.428 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion:165 Resp: 9126

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



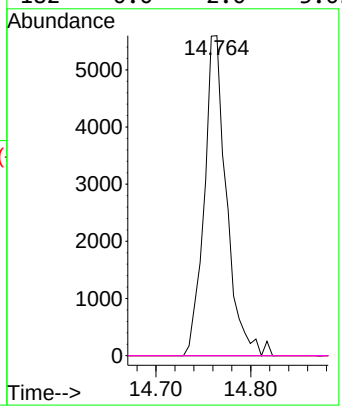


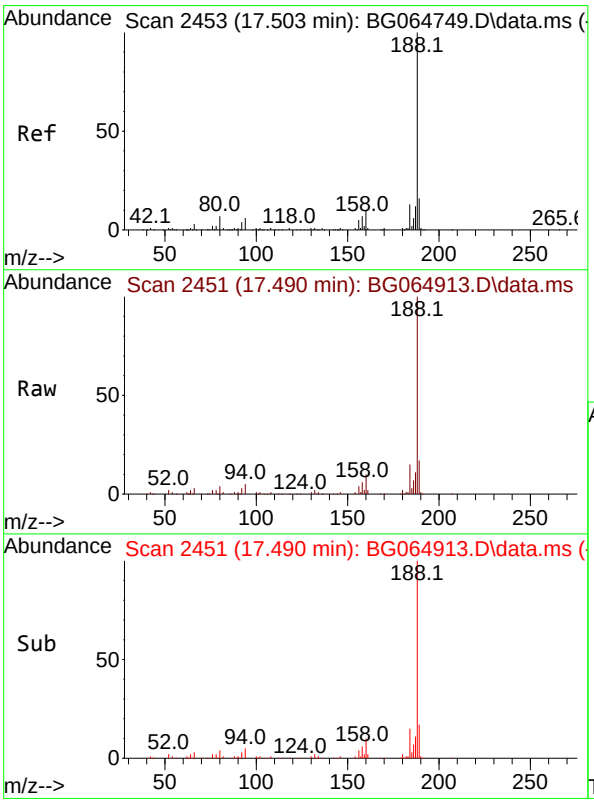
#57
2,4-Dinitrotoluene
Concen: 5.871 ng
RT: 14.764 min Scan# 1
Delta R.T. -0.354 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:165 Resp: 9126

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#

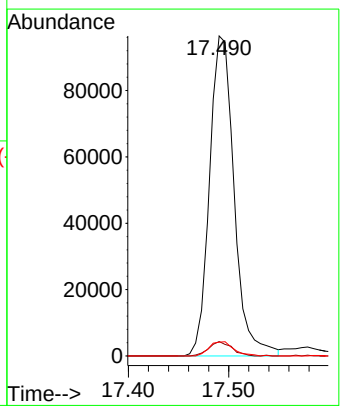


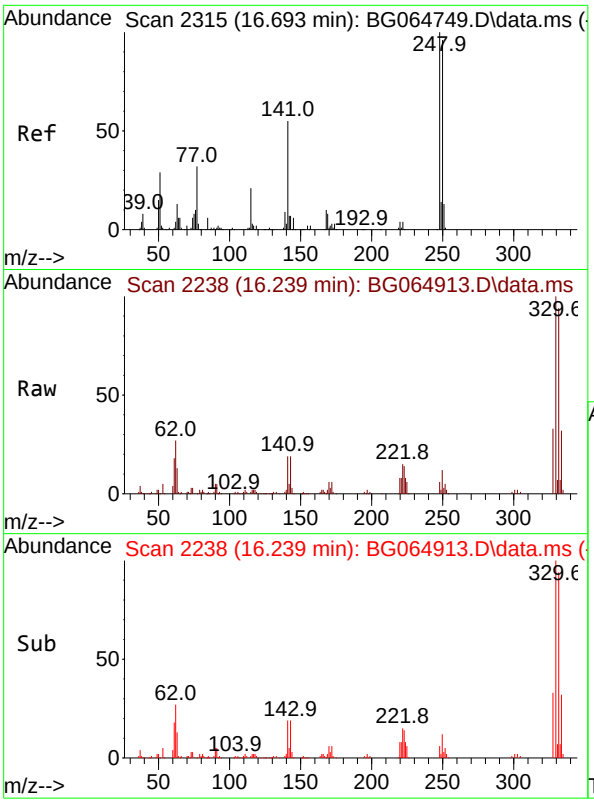


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.490 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion:188 Resp: 164648

Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.7	7.1#
80	4.3	5.4	8.2#



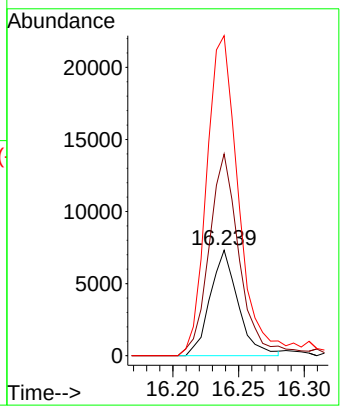


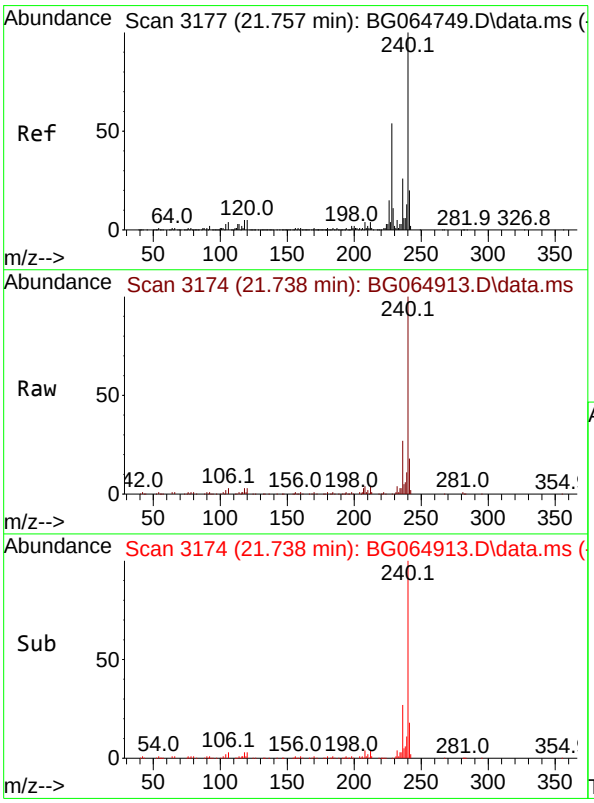
#67
4-Bromophenyl-phenylether
Concen: 5.020 ng
RT: 16.239 min Scan# 2
Delta R.T. -0.454 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:248 Resp: 10855

Ion	Ratio	Lower	Upper
248	100		
250	151.7	77.0	115.6#
141	240.5	43.7	65.5#

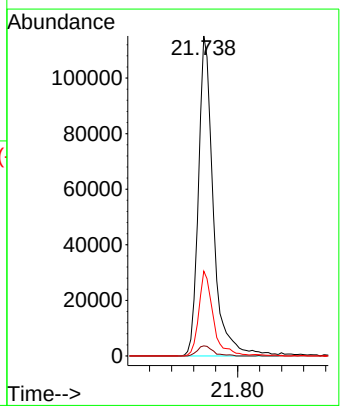


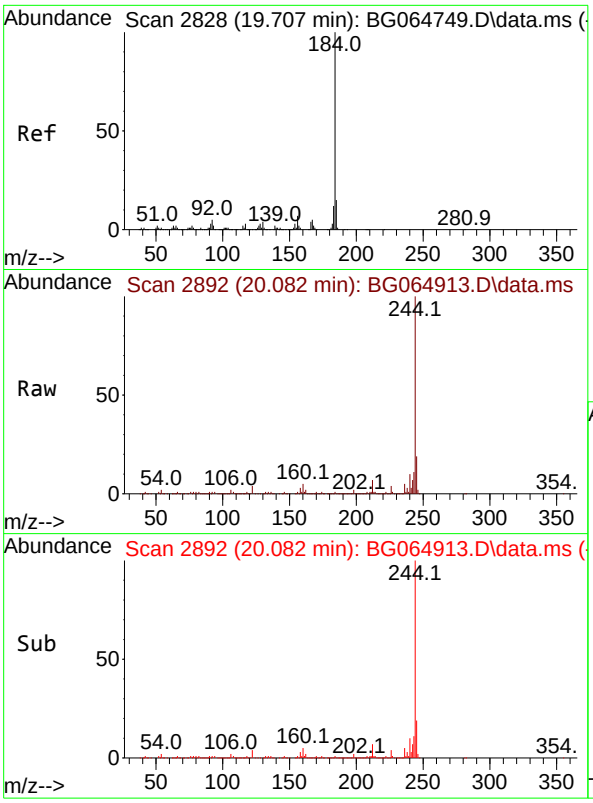


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.738 min Scan# 3174
Delta R.T. -0.019 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion:240 Resp: 216908

Ion	Ratio	Lower	Upper
240	100		
120	3.1	4.2	6.4#
236	26.5	20.8	31.2



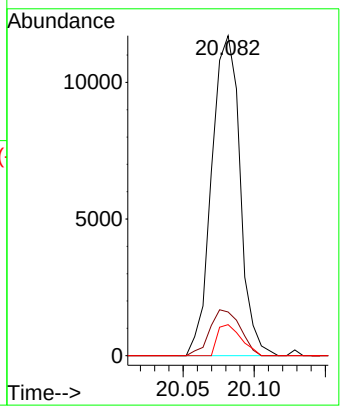


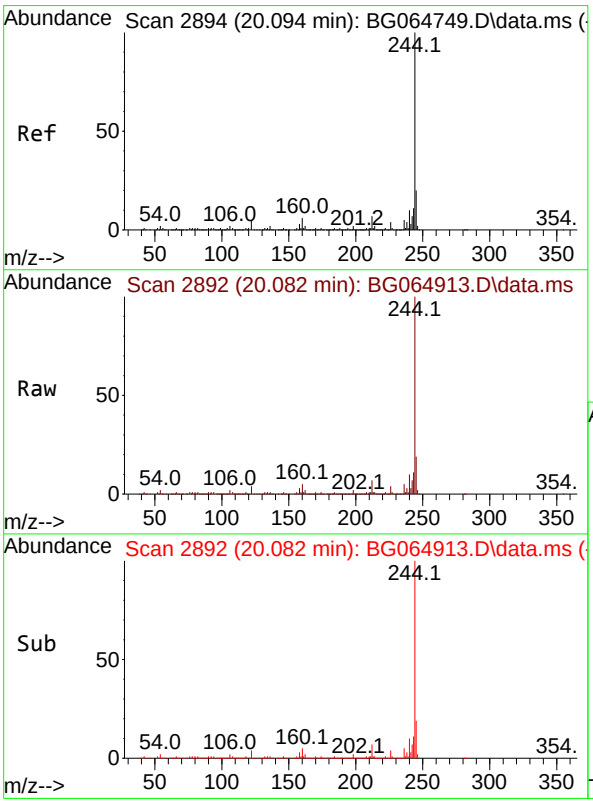
#77
Benzidine
Concen: 2.499 ng
RT: 20.082 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:184 Resp: 16235

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.8	17.6
183	9.7	9.8	14.6#

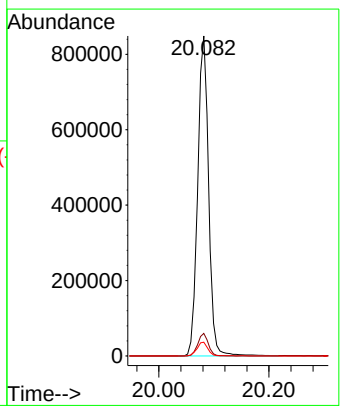


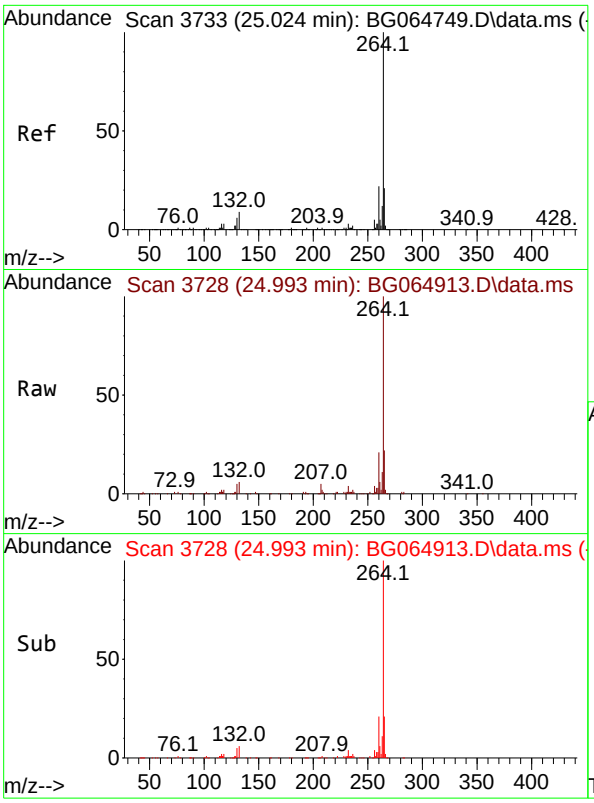


#79
Terphenyl-d14
Concen: 106.154 ng
RT: 20.082 min Scan# 2892
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion:244 Resp: 1170541

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	4.3	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.993 min Scan# 3
Delta R.T. -0.030 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion:264 Resp: 233913

Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.2	25.8
265	21.6	16.6	25.0