Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064906.D
Acq On : 9 Dec 2025 15:39
Operator : RC/JU
Sample : Q3800-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 09 16:22:07 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	25289	20.000	ng	-0.02
21) Naphthalene-d8	10.964	136	100169	20.000	ng	#-0.02
39) Acenaphthene-d10	14.765	164	91375	20.000	ng	-0.01
64) Phenanthrene-d10	17.492	188	223127	20.000	ng	#-0.01
76) Chrysene-d12	21.740	240	277372	20.000	ng	#-0.02
86) Perylene-d12	24.995	264	311452	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	27675	19.110	ng	-0.02
7) Phenol-d6	7.292	99	51793	26.889	ng	-0.02
23) Nitrobenzene-d5	9.313	82	69465	34.288	ng	-0.02
42) 2,4,6-Tribromophenol	16.240	330	116879	65.585	ng	-0.01
45) 2-Fluorobiphenyl	13.396	172	297032	45.358	ng	-0.01
79) Terphenyl-d14	20.077	244	804854	57.079	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.402	42	16779	19.735	ng	# 5
19) n-Nitroso-di-n-propyla...	9.307	70	9752	7.488	ng	# 65
51) 2,6-Dinitrotoluene	14.760	165	11821	8.511	ng	# 21
57) 2,4-Dinitrotoluene	14.760	165	11821	5.677	ng	# 24
67) 4-Bromophenyl-phenylether	16.234	248	7269	2.481	ng	# 1

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

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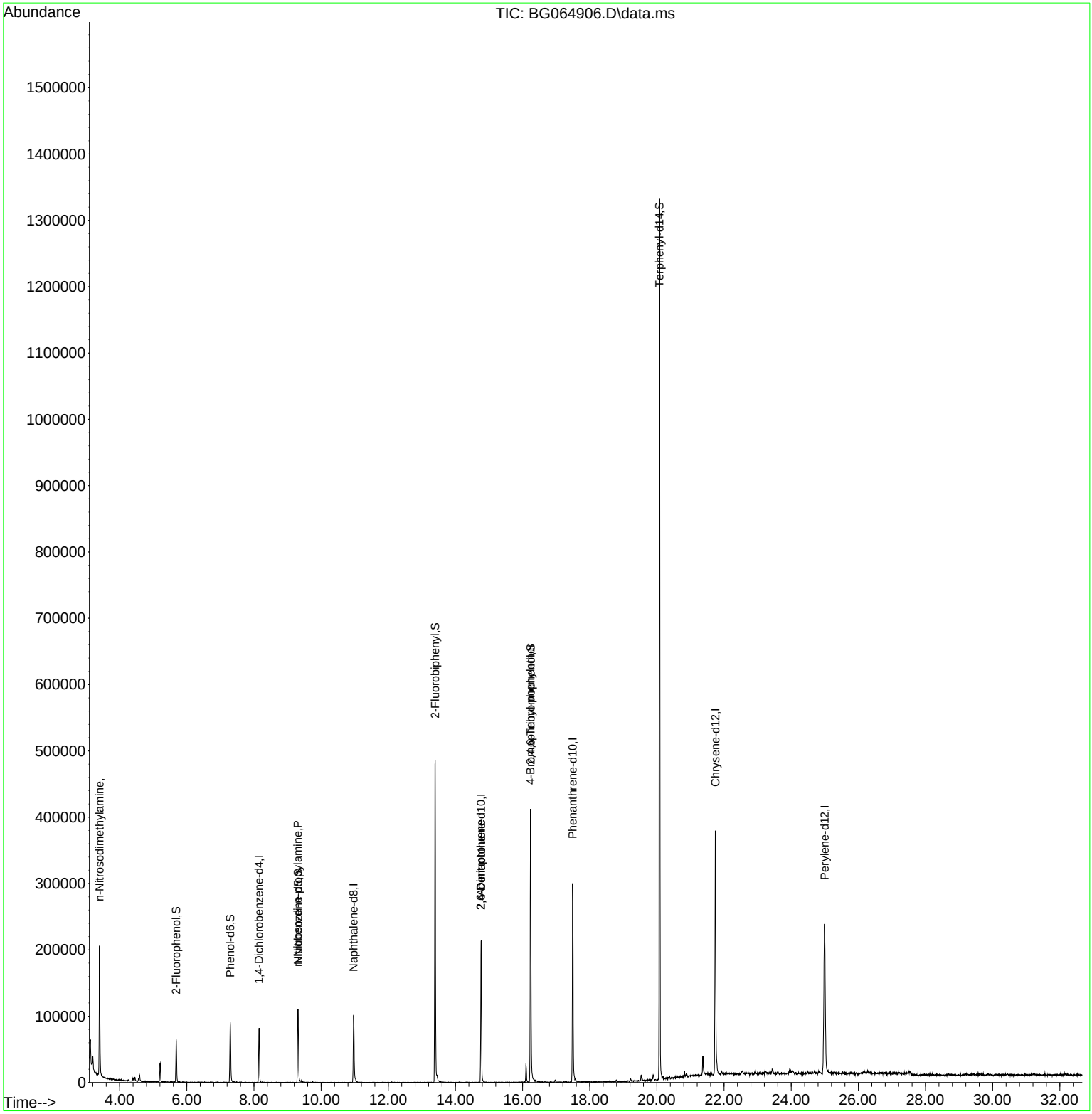
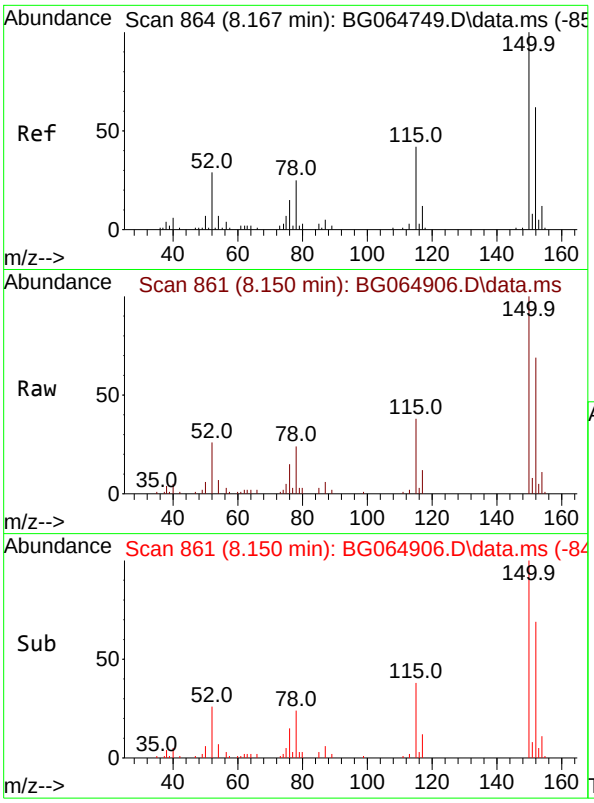


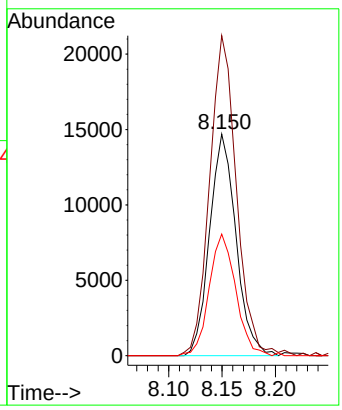


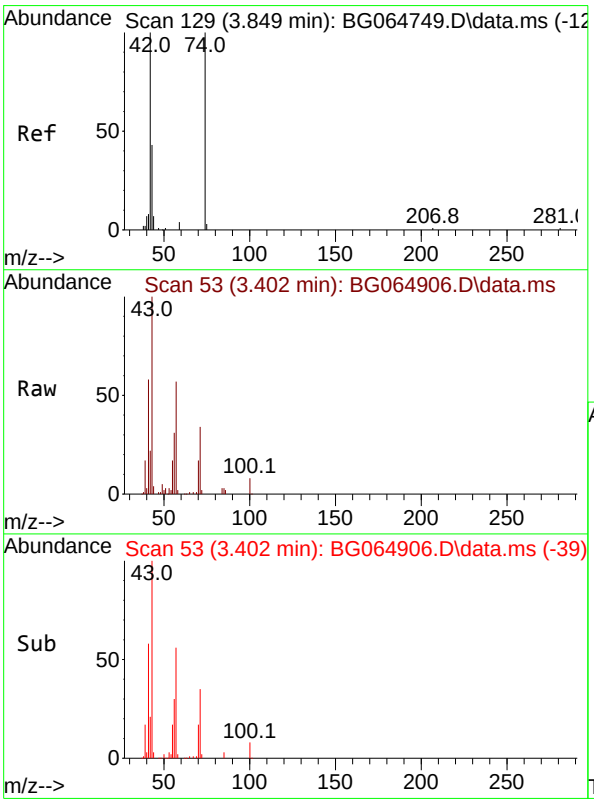
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25289

Ion	Ratio	Lower	Upper
152	100		
150	144.4	129.2	193.8
115	54.8	53.7	80.5

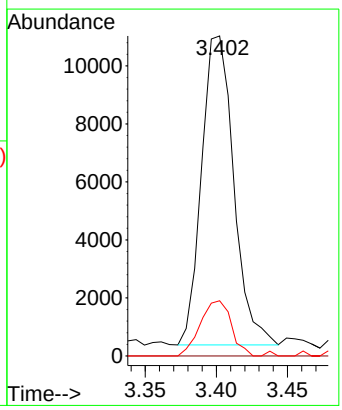


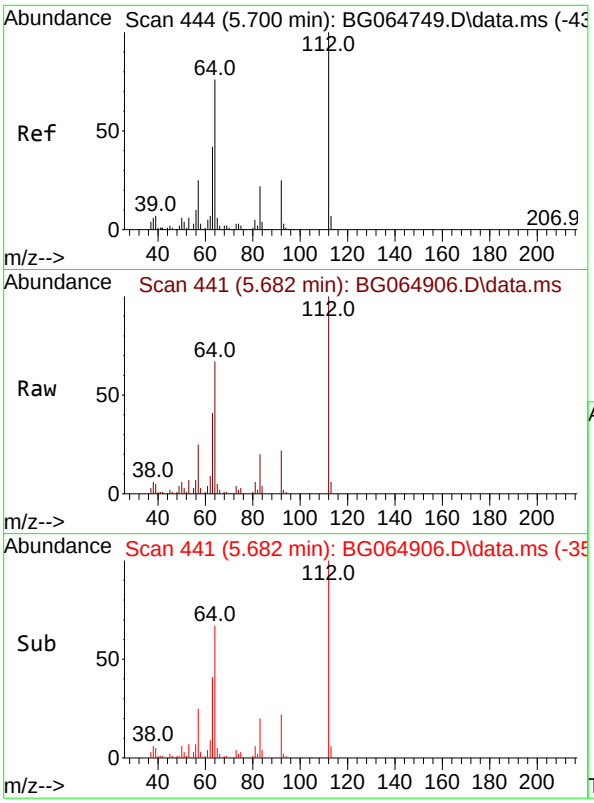


#4
n-Nitrosodimethylamine
Concen: 19.735 ng
RT: 3.402 min Scan# 53
Delta R.T. -0.446 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion: 42 Resp: 16779

Ion	Ratio	Lower	Upper
42	100		
74	0.0	79.8	119.6#
44	17.3	5.9	8.9#



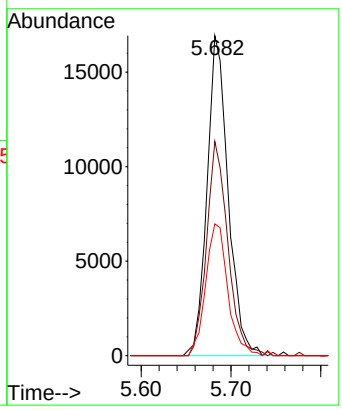


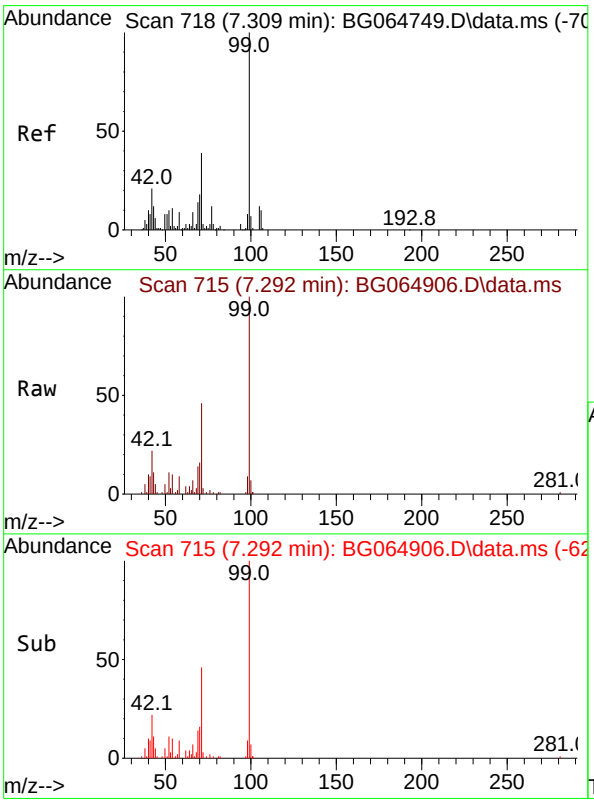
#5
2-Fluorophenol
Concen: 19.110 ng
RT: 5.682 min Scan# 44
Delta R.T. -0.018 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 27675

Ion	Ratio	Lower	Upper
112	100		
64	66.9	61.0	91.4
63	41.2	33.3	49.9

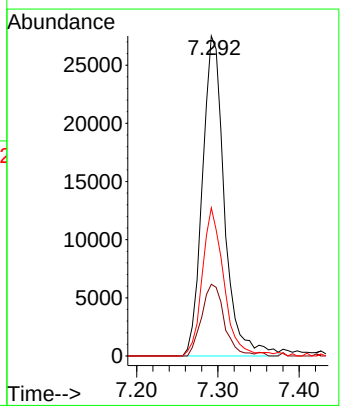


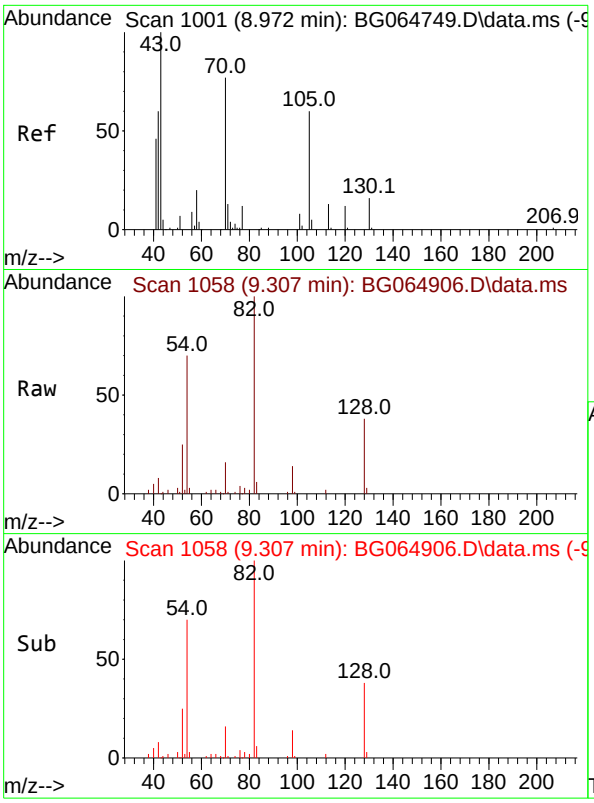


#7
Phenol-d6
Concen: 26.889 ng
RT: 7.292 min Scan# 715
Delta R.T. -0.018 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion: 99 Resp: 51793

Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.8	25.2
71	46.3	31.1	46.7



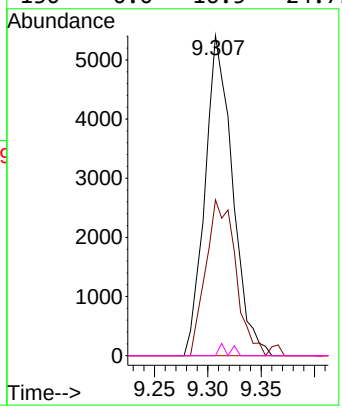


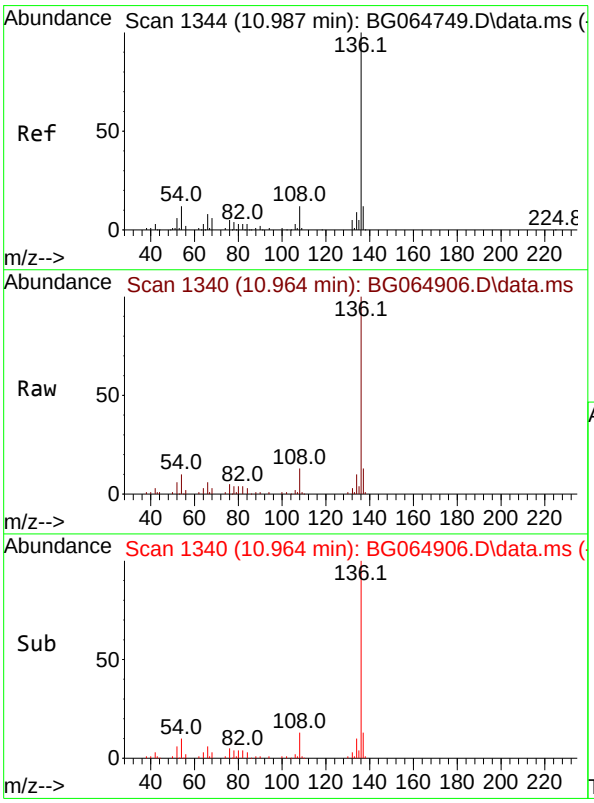
#19
n-Nitroso-di-n-propylamine
Concen: 7.488 ng
RT: 9.307 min Scan# 1
Delta R.T. 0.335 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 9752

Ion	Ratio	Lower	Upper
70	100		
42	48.7	62.6	93.8#
101	0.0	8.0	12.0#
130	0.0	16.5	24.7#

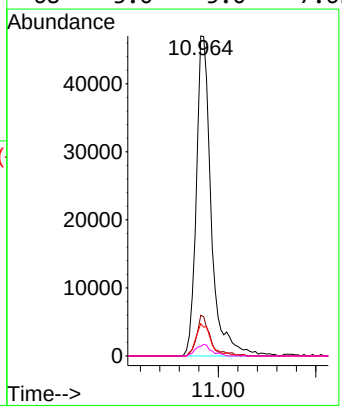


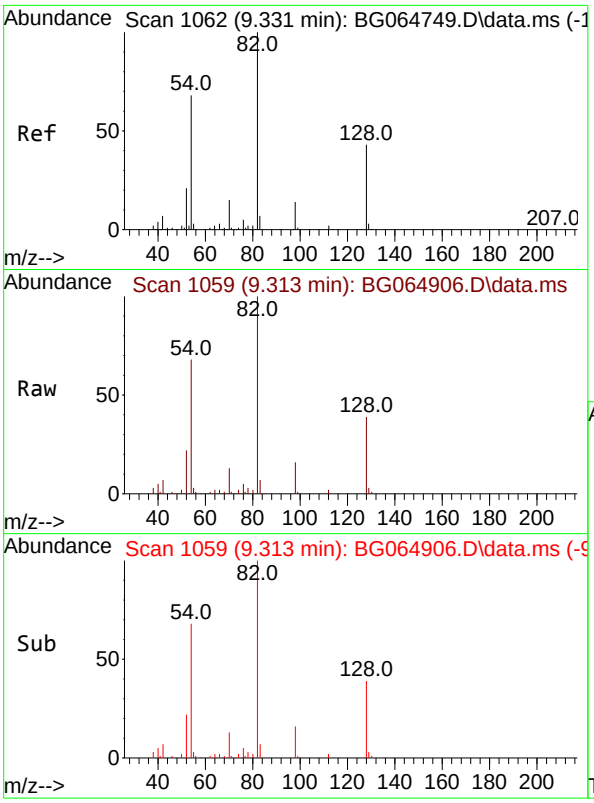


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.964 min Scan# 1340
Delta R.T. -0.023 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion:136 Resp: 100169

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.3	13.9
54	10.1	9.3	13.9
68	3.0	5.0	7.6#



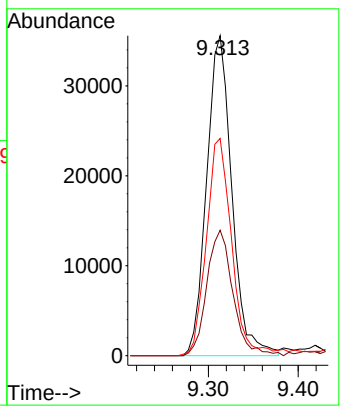


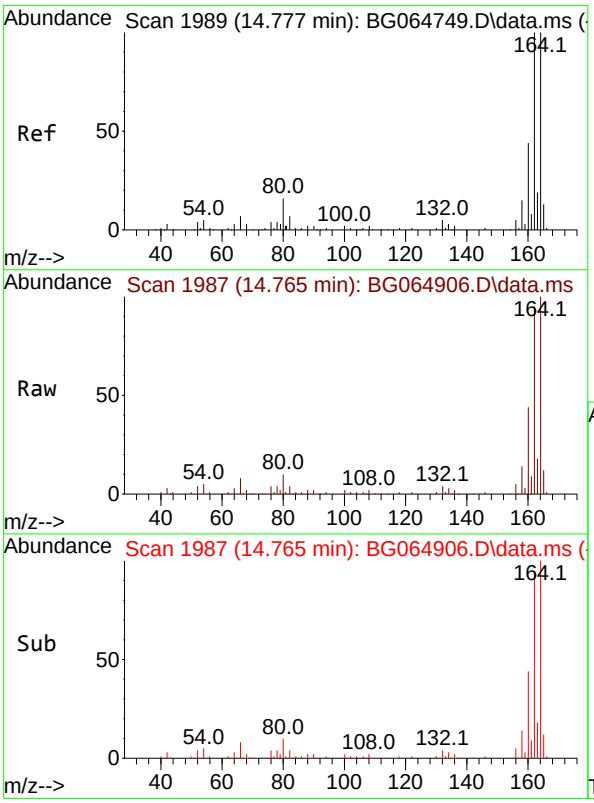
#23
Nitrobenzene-d5
Concen: 34.288 ng
RT: 9.313 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 69465

Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.1	51.1
54	67.9	54.3	81.5

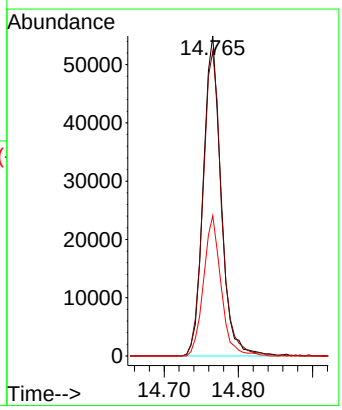


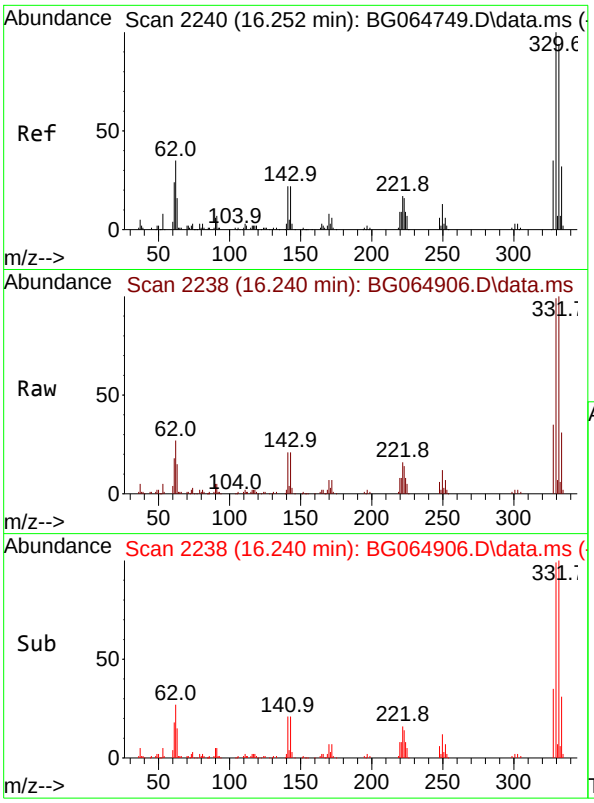


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion:164 Resp: 91375

Ion	Ratio	Lower	Upper
164	100		
162	95.1	79.8	119.6
160	43.8	34.9	52.3



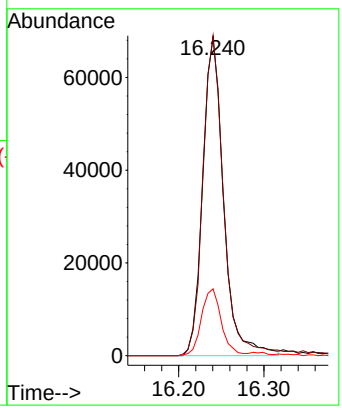


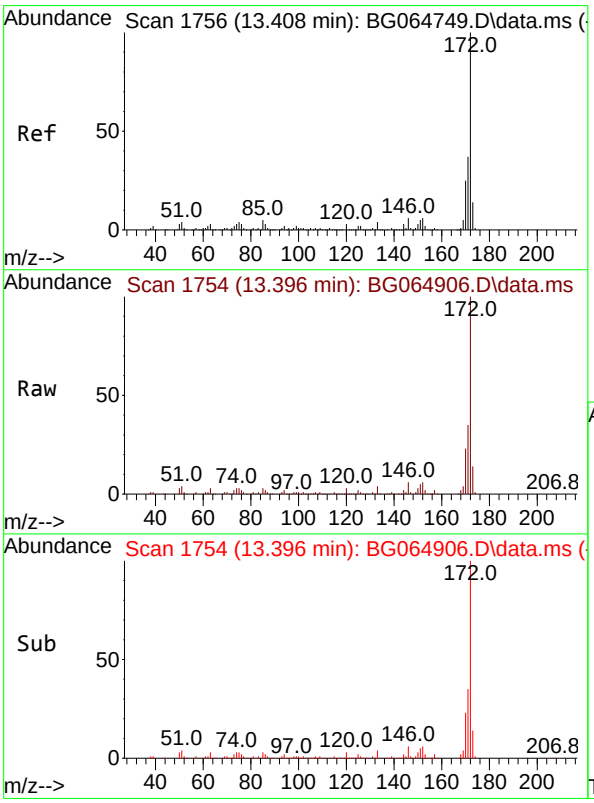
#42
2,4,6-Tribromophenol
Concen: 65.585 ng
RT: 16.240 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 116879

Ion	Ratio	Lower	Upper
330	100		
332	100.9	77.0	115.6
141	20.1	18.2	27.2

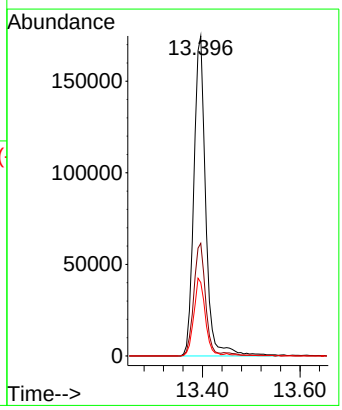


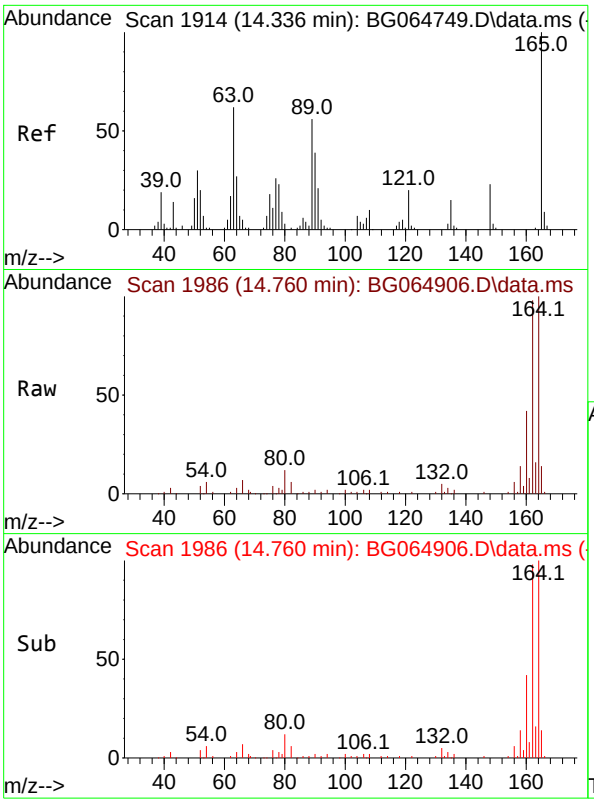


#45
2-Fluorobiphenyl
Concen: 45.358 ng
RT: 13.396 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion:172 Resp: 297032

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	22.9	19.8	29.6



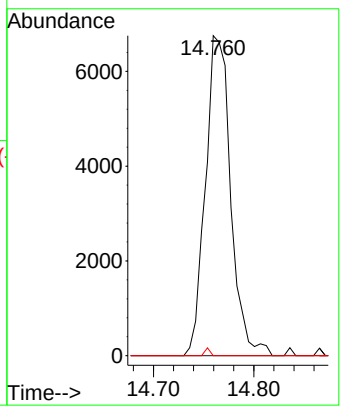


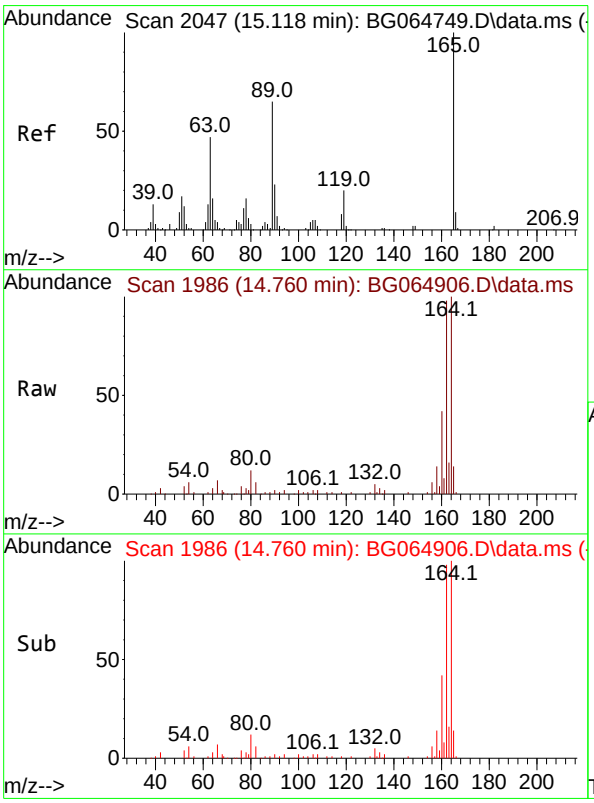
#51
2,6-Dinitrotoluene
Concen: 8.511 ng
RT: 14.760 min Scan# 1
Delta R.T. 0.423 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11821

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

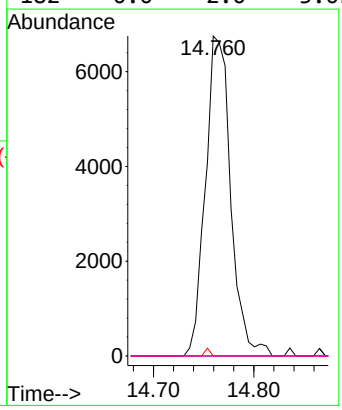


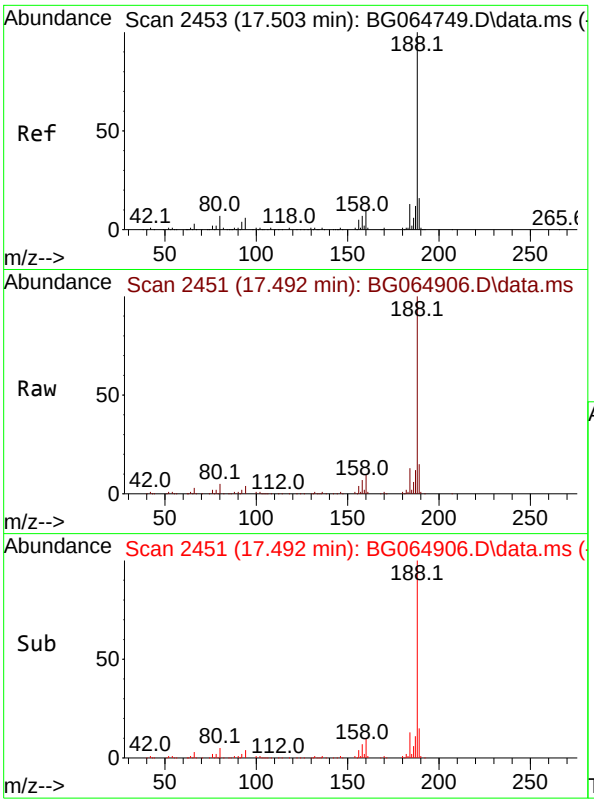


#57
2,4-Dinitrotoluene
Concen: 5.677 ng
RT: 14.760 min Scan# 1986
Delta R.T. -0.358 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion:165 Resp: 11821

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#



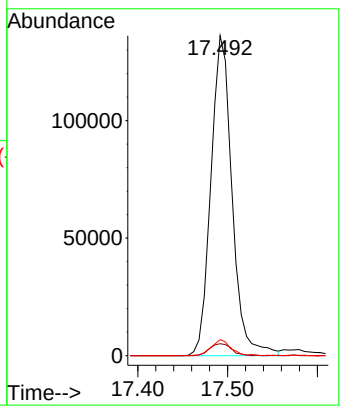


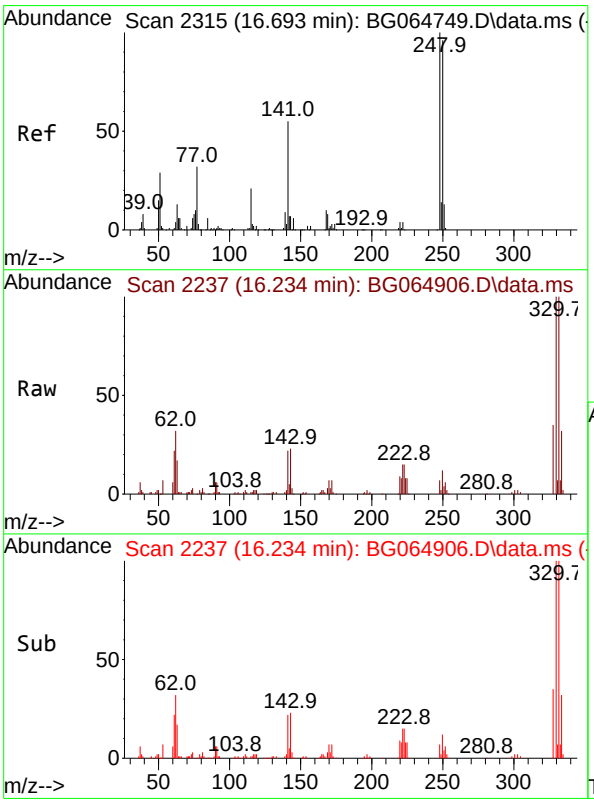
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 223127

Ion	Ratio	Lower	Upper
188	100		
94	3.7	4.7	7.1#
80	5.0	5.4	8.2#

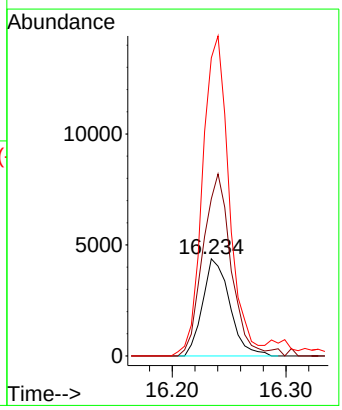


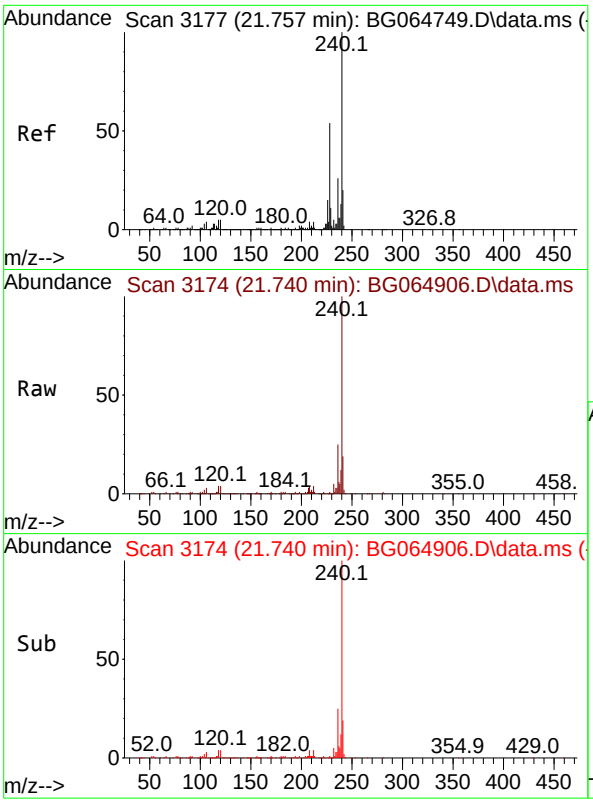


#67
4-Bromophenyl-phenylether
Concen: 2.481 ng
RT: 16.234 min Scan# 2237
Delta R.T. -0.458 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion:248 Resp: 7269

Ion	Ratio	Lower	Upper
248	100		
250	124.0	77.0	115.6#
141	235.3	43.7	65.5#



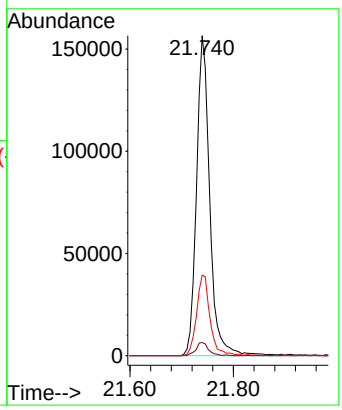


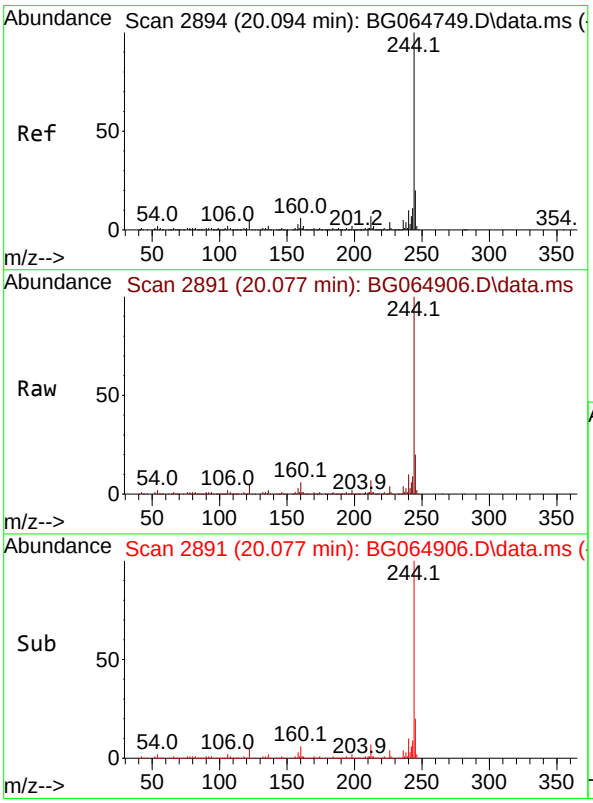
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 277372

Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.2	6.4#
236	25.1	20.8	31.2

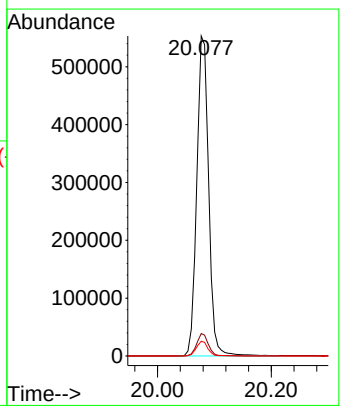


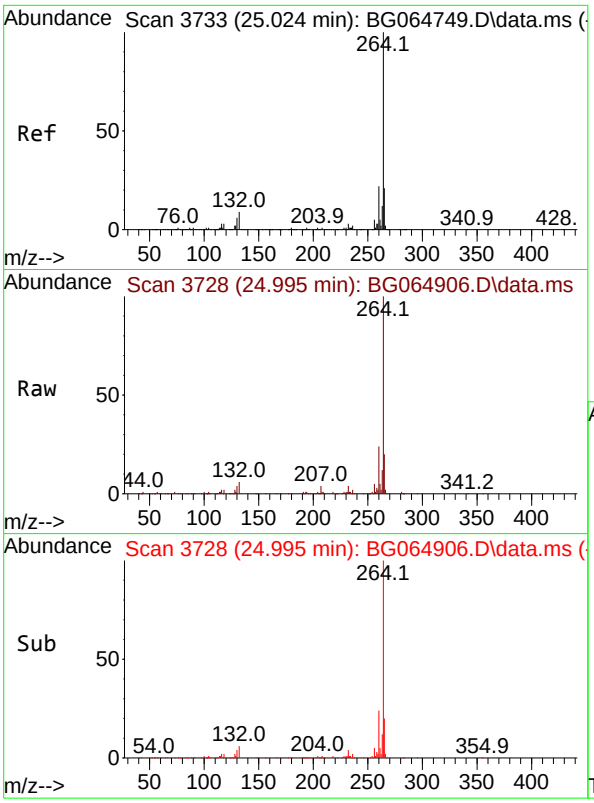


#79
Terphenyl-d14
Concen: 57.079 ng
RT: 20.077 min Scan# 2891
Delta R.T. -0.018 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Tgt Ion:244 Resp: 804854

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	4.6	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064906.D
Acq: 9 Dec 2025 15:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 311452

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.2	25.8
265	20.3	16.6	25.0