Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064267.D
Acq On : 4 Sep 2025 00:40
Operator : RC/JU
Sample : PB169499BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Quant Time: Sep 04 02:08:55 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	7.856	152	32079	20.000	ng	0.00
21) Naphthalene-d8	10.641	136	141828	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	108903	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	243258	20.000	ng	0.00
76) Chrysene-d12	21.446	240	219293	20.000	ng	0.00
86) Perylene-d12	24.454	264	232599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	278254	155.620	ng	0.00
7) Phenol-d6	7.027	99	383548	156.139	ng	0.00
23) Nitrobenzene-d5	9.007	82	257364	101.202	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	214429	148.654	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	674564	94.545	ng	0.00
79) Terphenyl-d14	19.836	244	1048171	99.723	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.001	70	36054	19.178	ng	# 78
51) 2,6-Dinitrotoluene	14.477	165	15199	9.524	ng	# 17
57) 2,4-Dinitrotoluene	14.477	165	15199	6.299	ng	# 19
67) 4-Bromophenyl-phenylether	15.964	248	14690	5.686	ng	# 1
77) Benzidine	19.836	184	20309	4.402	ng	# 83

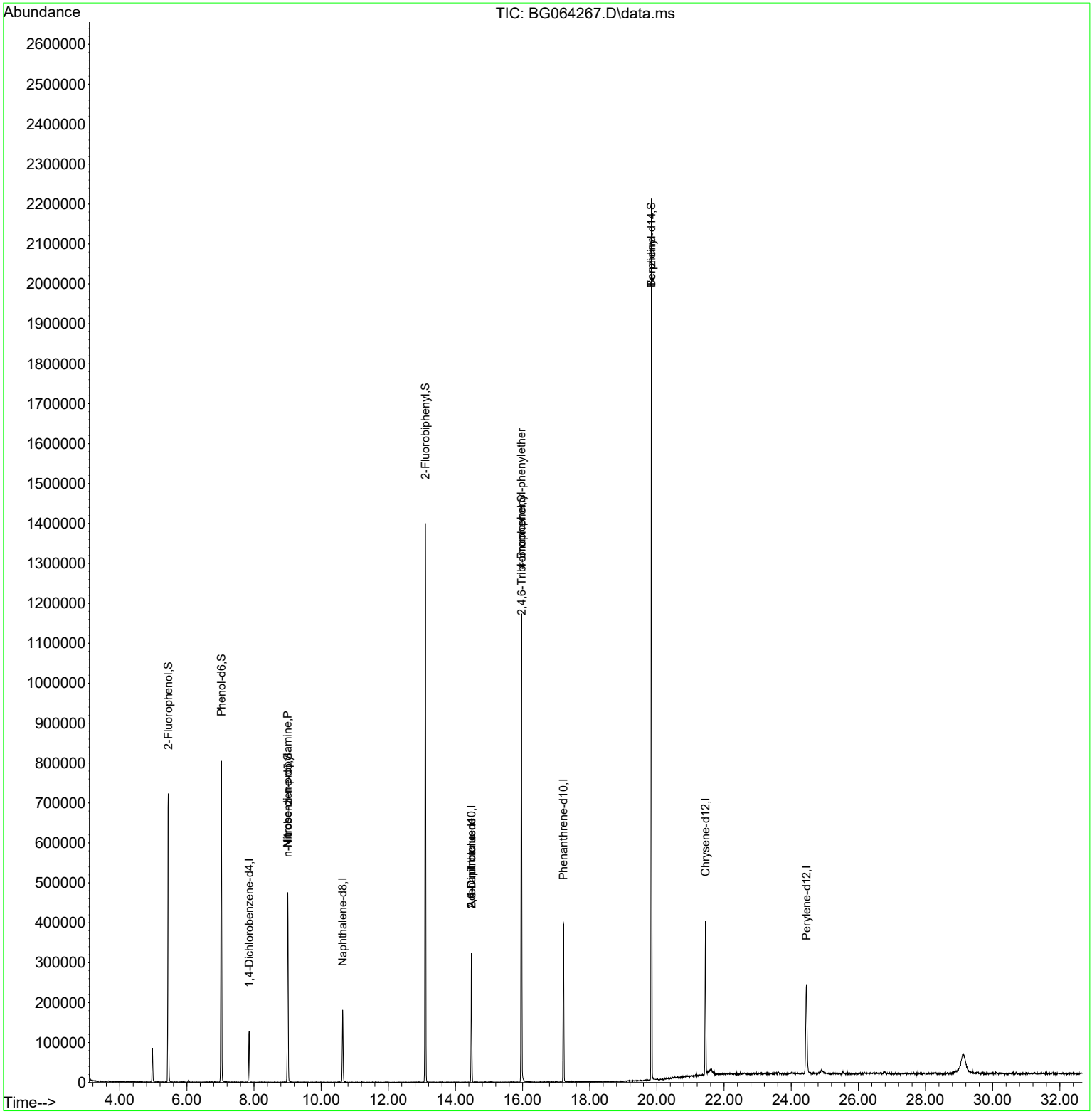
(#) = qualifier out of range (m) = manual integration (+) = signals summed

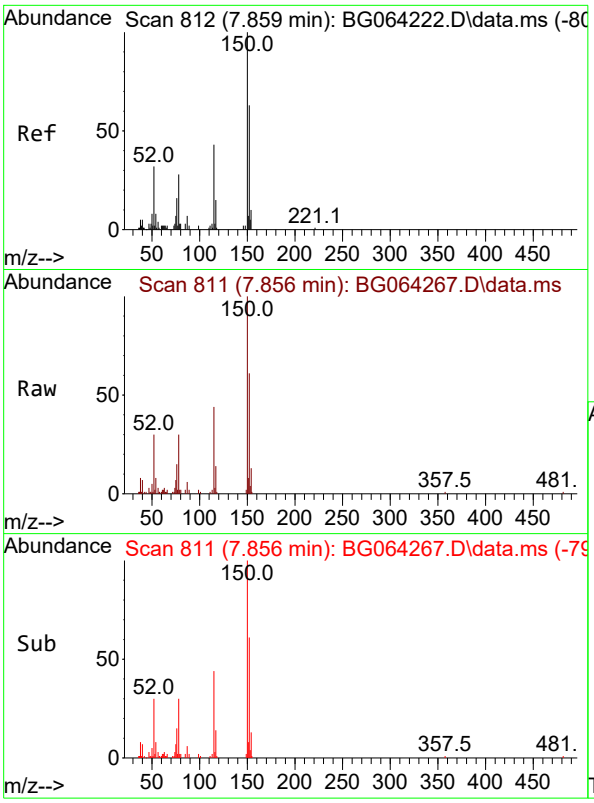
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064267.D
Acq On : 4 Sep 2025 00:40
Operator : RC/JU
Sample : PB169499BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Quant Time: Sep 04 02:08:55 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



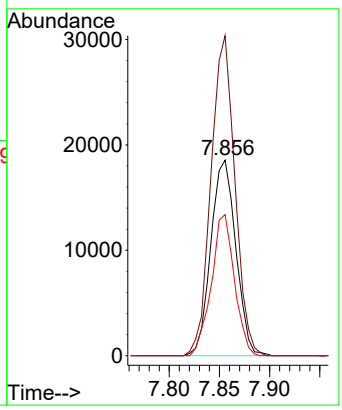


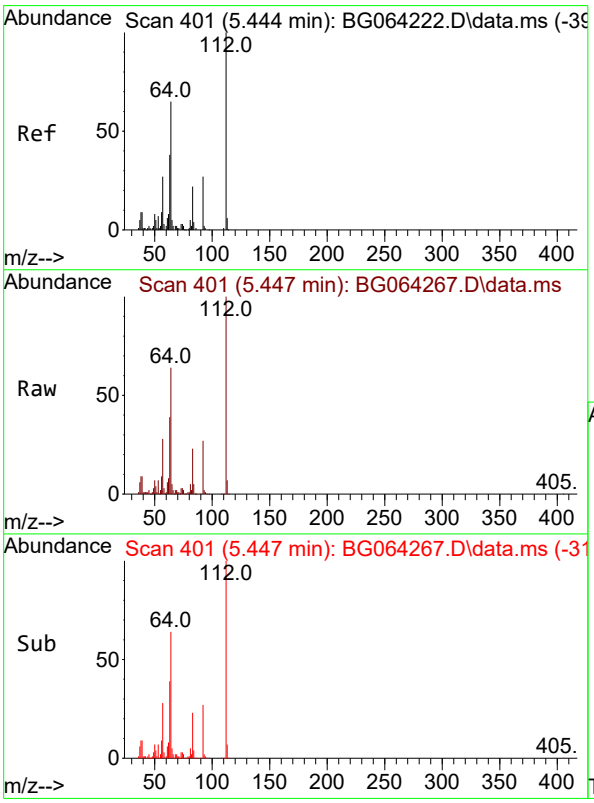
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Tgt Ion:152 Resp: 32079

Ion	Ratio	Lower	Upper
152	100		
150	163.6	128.0	192.0
115	72.2	55.7	83.5

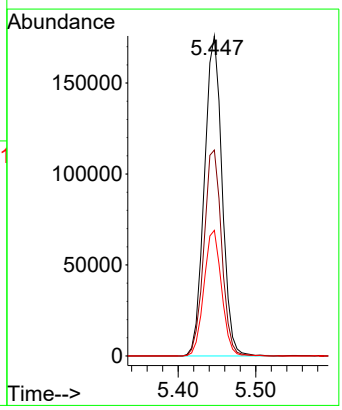


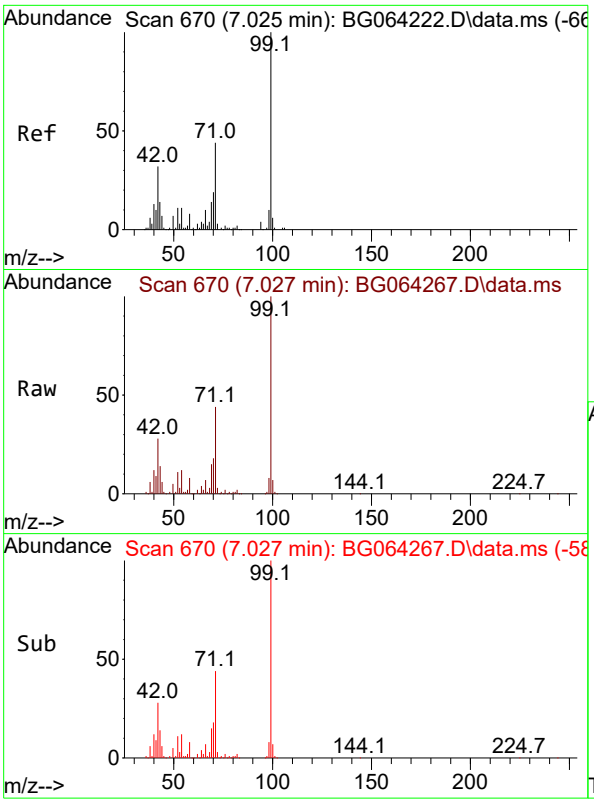


#5
2-Fluorophenol
Concen: 155.620 ng
RT: 5.447 min Scan# 401
Delta R.T. 0.002 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion:112 Resp: 278254

Ion	Ratio	Lower	Upper
112	100		
64	64.4	51.8	77.6
63	39.3	30.6	45.8



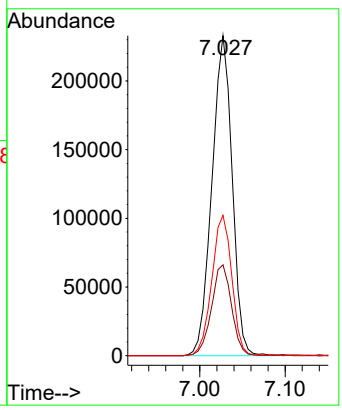


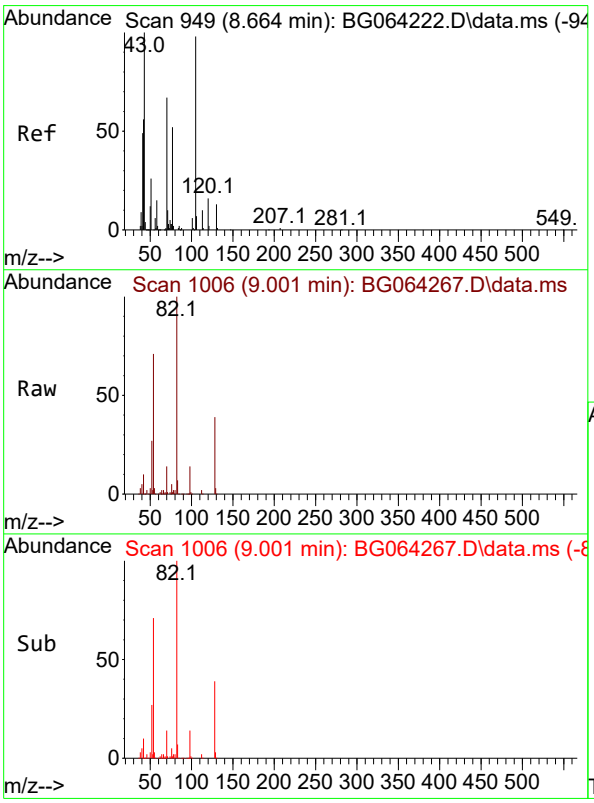
#7
Phenol-d6
Concen: 156.139 ng
RT: 7.027 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Tgt Ion: 99 Resp: 383548

Ion	Ratio	Lower	Upper
99	100		
42	28.4	25.8	38.8
71	43.8	35.2	52.8

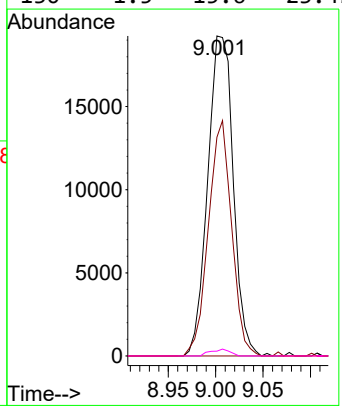


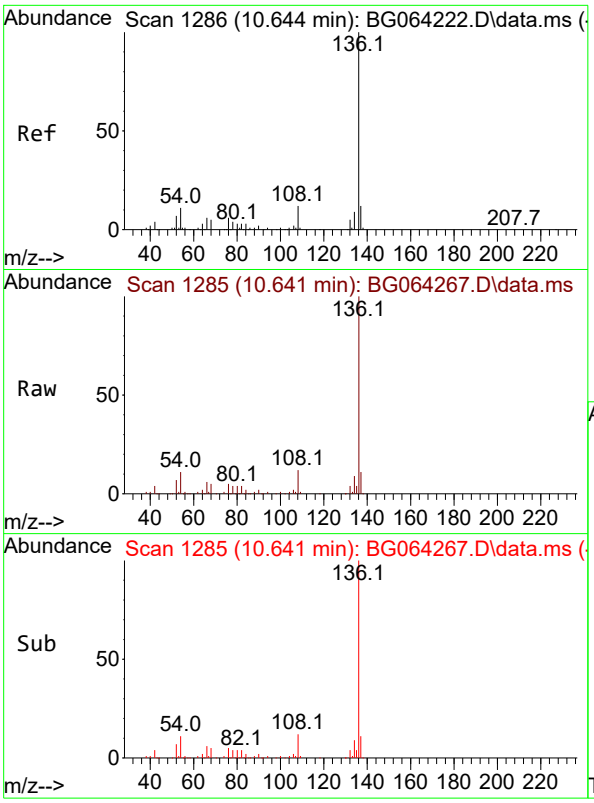


#19
n-Nitroso-di-n-propylamine
Concen: 19.178 ng
RT: 9.001 min Scan# 1006
Delta R.T. 0.337 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion: 70 Resp: 36054

Ion	Ratio	Lower	Upper
70	100		
42	68.3	67.9	101.9
101	0.0	7.3	10.9#
130	1.5	15.6	23.4#



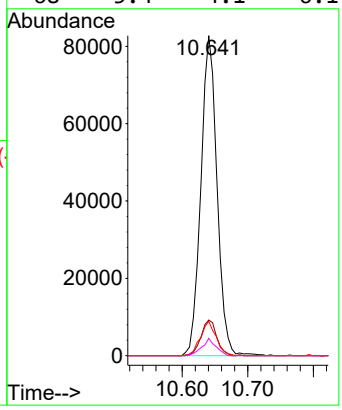


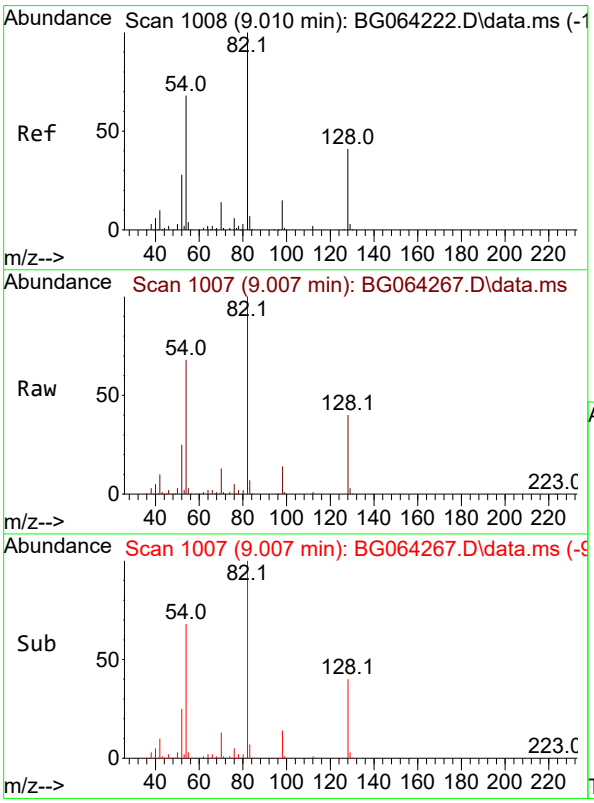
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.641 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Tgt Ion:136 Resp: 141828

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.8	8.8	13.2
68	5.4	4.1	6.1

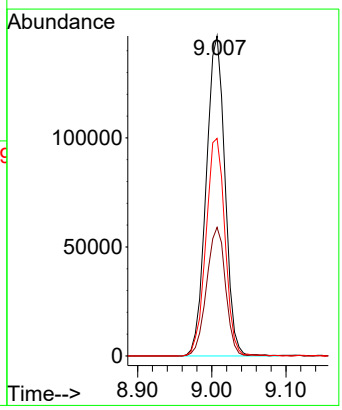


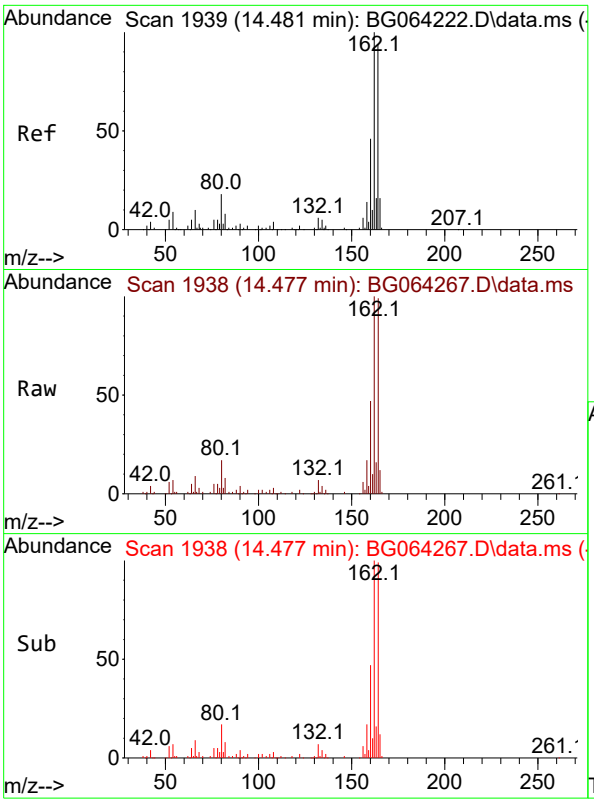


#23
Nitrobenzene-d5
Concen: 101.202 ng
RT: 9.007 min Scan# 1007
Delta R.T. -0.009 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion: 82 Resp: 257364

Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.6	48.8
54	68.0	54.7	82.1



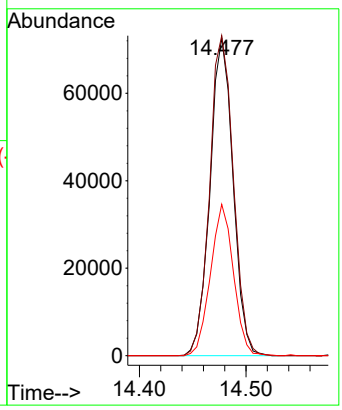


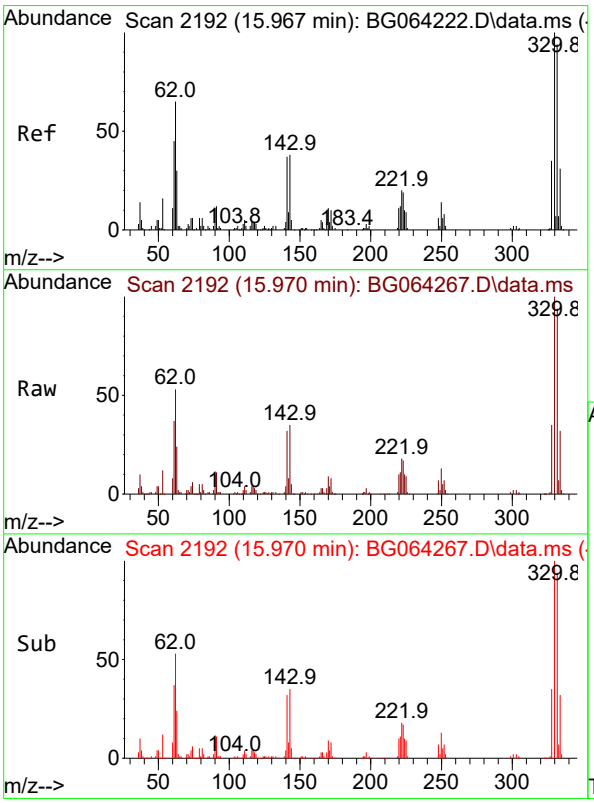
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Tgt Ion:164 Resp: 108903

Ion	Ratio	Lower	Upper
164	100		
162	100.7	85.4	128.0
160	47.6	39.2	58.8

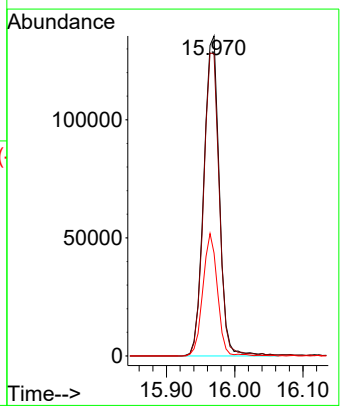


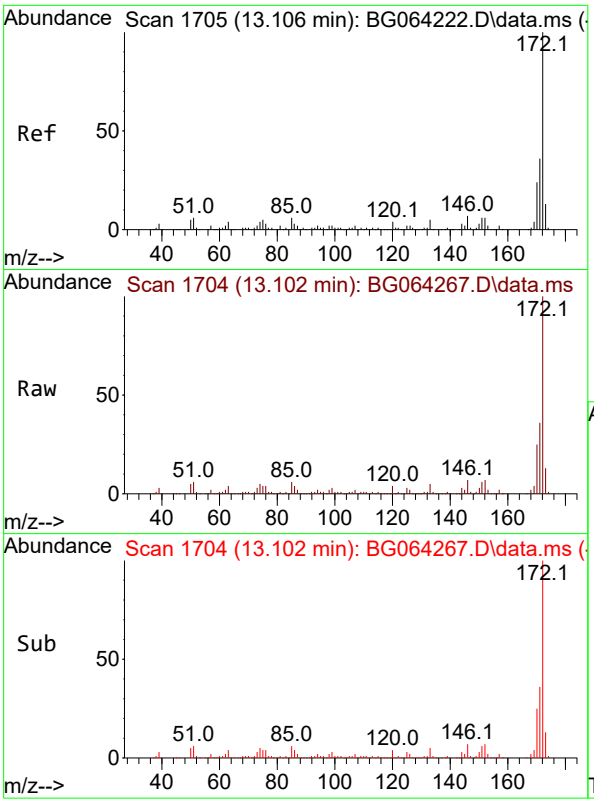


#42
2,4,6-Tribromophenol
Concen: 148.654 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion:330 Resp: 214429

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.6	116.4
141	36.0	29.8	44.6



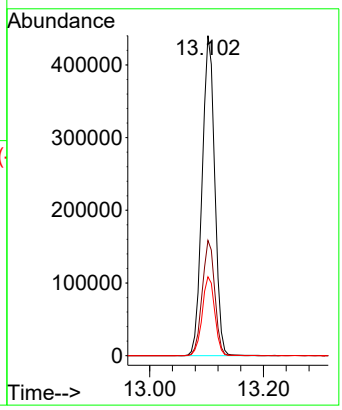


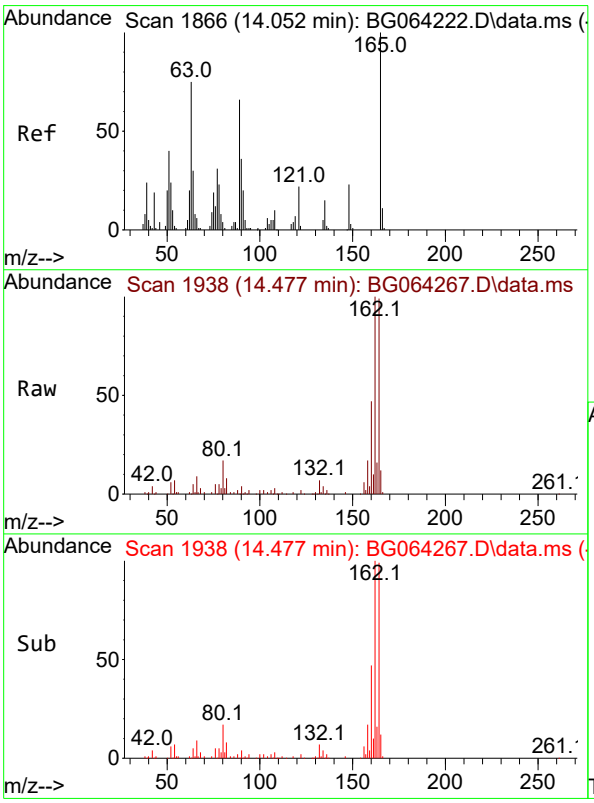
#45
2-Fluorobiphenyl
Concen: 94.545 ng
RT: 13.102 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Tgt Ion:172 Resp: 674564

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	24.7	19.0	28.6

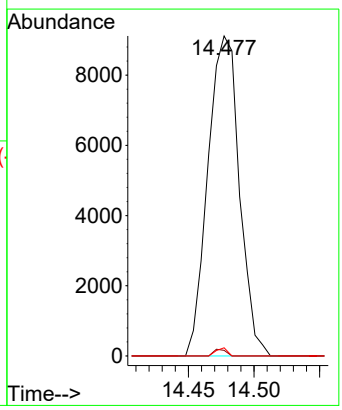


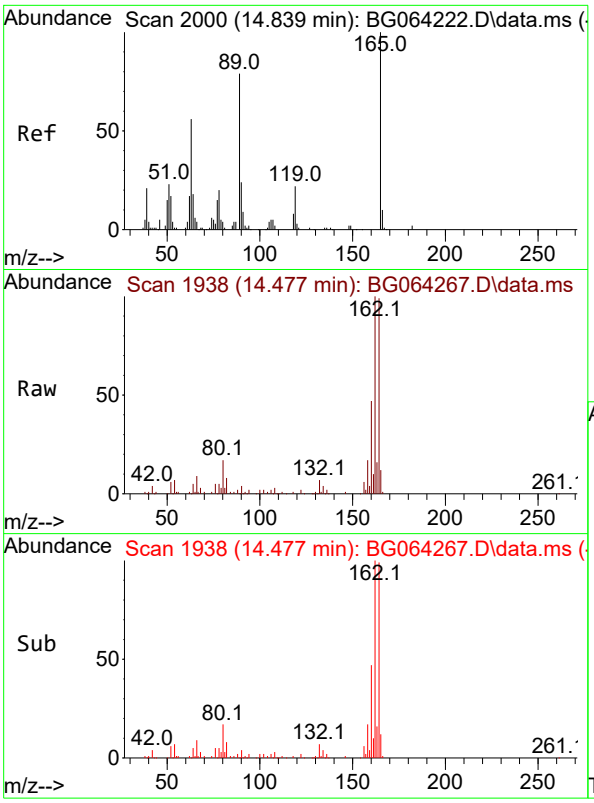


#51
2,6-Dinitrotoluene
Concen: 9.524 ng
RT: 14.477 min Scan# 1938
Delta R.T. 0.419 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion:165 Resp: 15199

Ion	Ratio	Lower	Upper
165	100		
63	1.7	60.3	90.5#
89	2.6	52.9	79.3#



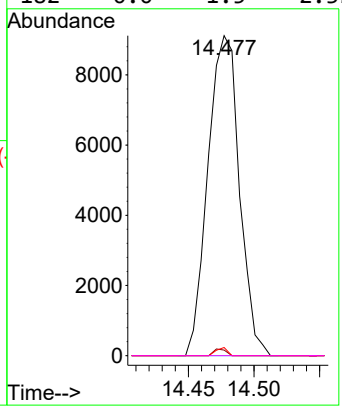


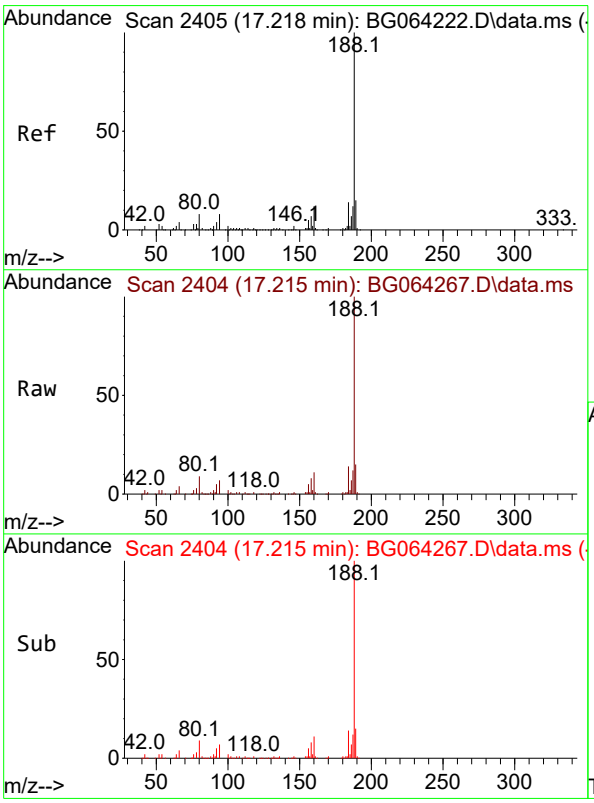
#57
2,4-Dinitrotoluene
Concen: 6.299 ng
RT: 14.477 min Scan# 1
Delta R.T. -0.368 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Tgt Ion:165 Resp: 15199

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.6	67.0#
89	2.6	63.0	94.4#
182	0.0	1.5	2.3#

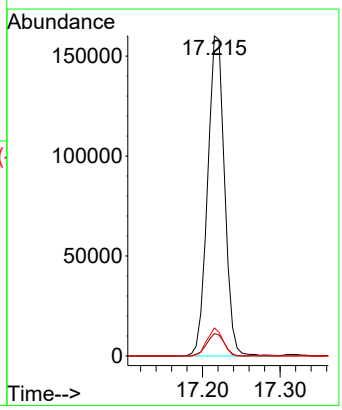


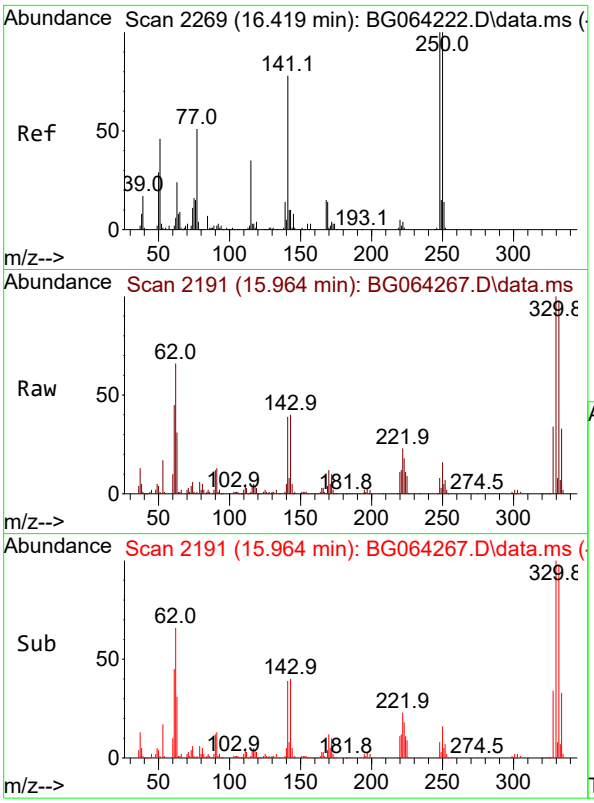


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion:188 Resp: 243258

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.4
80	8.7	6.8	10.2



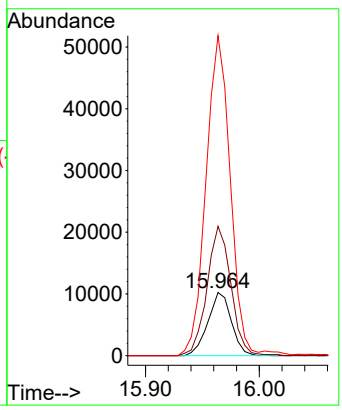


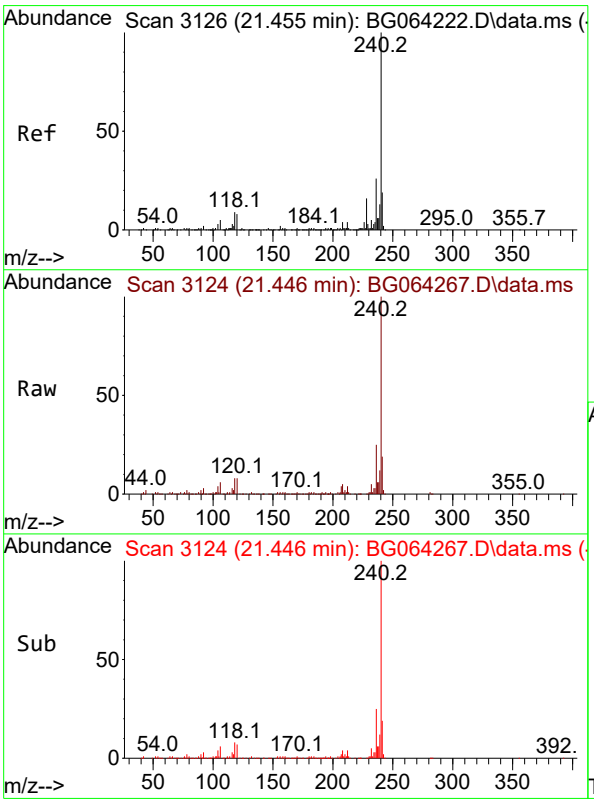
#67
4-Bromophenyl-phenylether
Concen: 5.686 ng
RT: 15.964 min Scan# 21
Delta R.T. -0.456 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Tgt Ion:248 Resp: 14690

Ion	Ratio	Lower	Upper
248	100		
250	204.7	80.2	120.4#
141	506.6	62.4	93.6#

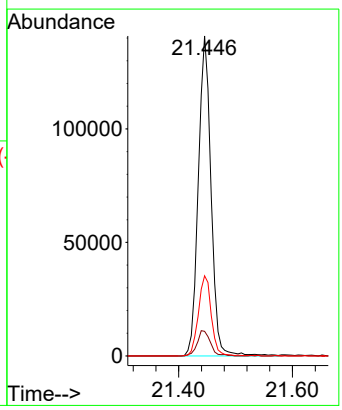


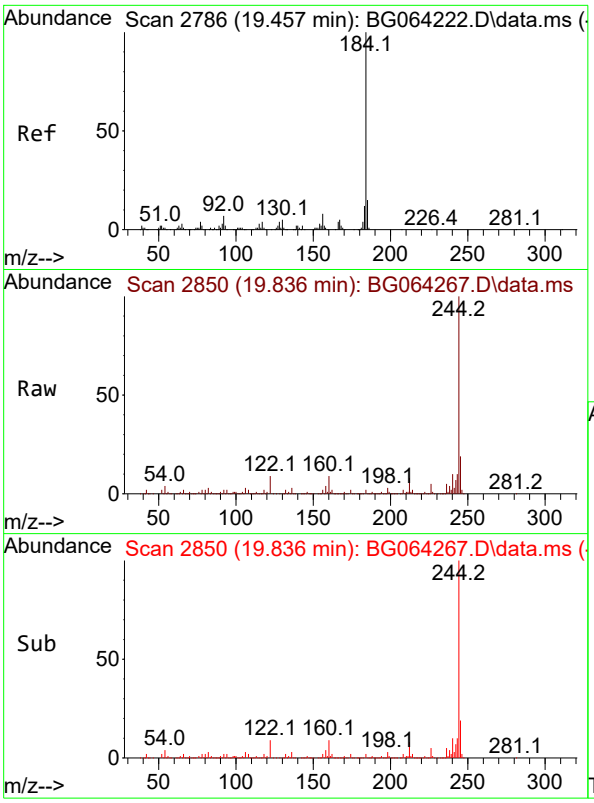


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.009 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion:240 Resp: 219293

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.2	9.4
236	25.1	20.5	30.7



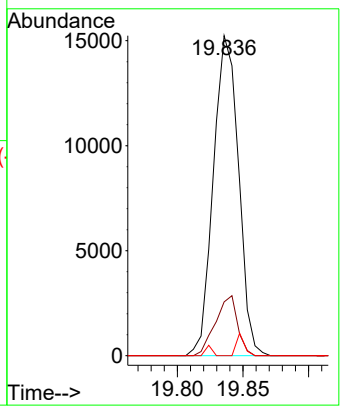


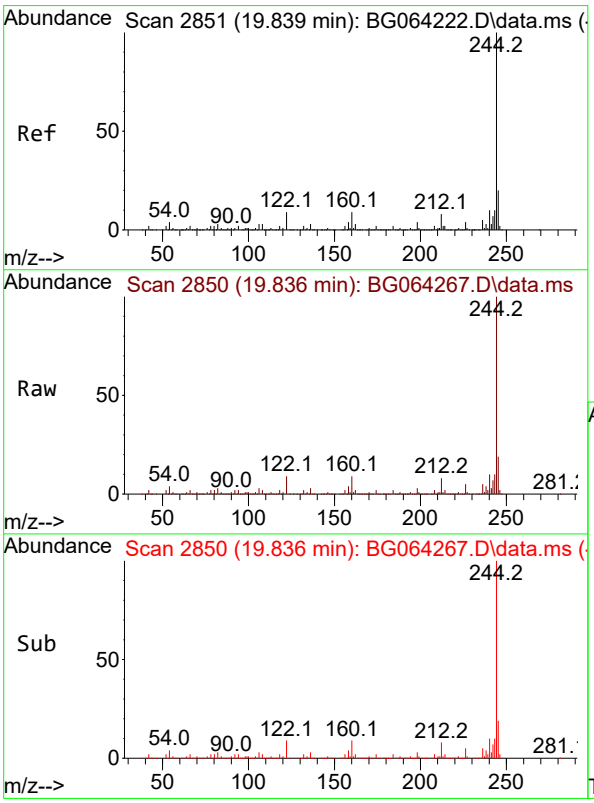
#77
Benzidine
Concen: 4.402 ng
RT: 19.836 min Scan# 2
Delta R.T. 0.378 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Tgt Ion:184 Resp: 20309

Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.7	17.5
183	0.0	9.7	14.5#

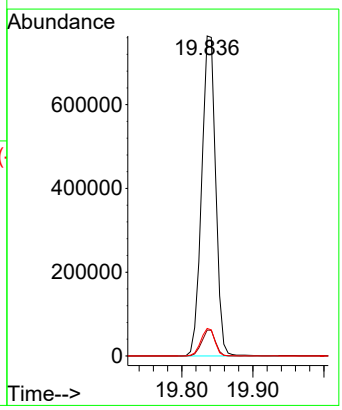


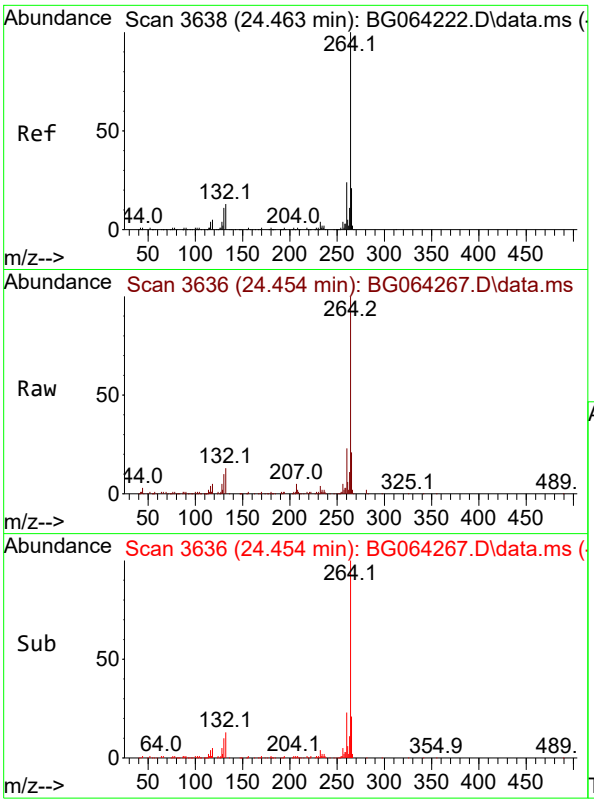


#79
Terphenyl-d14
Concen: 99.723 ng
RT: 19.836 min Scan# 2850
Delta R.T. -0.009 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion:244 Resp: 1048171

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	8.6	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: BG064267.D
Acq: 4 Sep 2025 00:40

Instrument :
BNA_G
ClientSampleId :
PB169499BL

Tgt Ion:264 Resp: 232599

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.0	16.7	25.1