Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064251.D
Acq On : 3 Sep 2025 13:02
Operator : RC/JU
Sample : PB169490BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Quant Time: Sep 03 14:01:43 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	7.853	152	35595	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	149885	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	104319	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	223148	20.000	ng	0.00
76) Chrysene-d12	21.449	240	229168	20.000	ng	0.00
86) Perylene-d12	24.463	264	241225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	308651	155.569	ng	0.00
7) Phenol-d6	7.025	99	428518	157.214	ng	0.00
23) Nitrobenzene-d5	9.005	82	284052	105.692	ng	-0.01
42) 2,4,6-Tribromophenol	15.967	330	197669	143.057	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	682691	99.889	ng	0.00
79) Terphenyl-d14	19.845	244	1128360	102.726	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.005	70	39737	19.049	ng	# 76
51) 2,6-Dinitrotoluene	14.481	165	13945	9.123	ng	# 16
57) 2,4-Dinitrotoluene	14.481	165	13945	6.033	ng	# 19
67) 4-Bromophenyl-phenylether	15.967	248	14573	6.149	ng	# 1
77) Benzidine	19.839	184	21099	4.377	ng	# 77

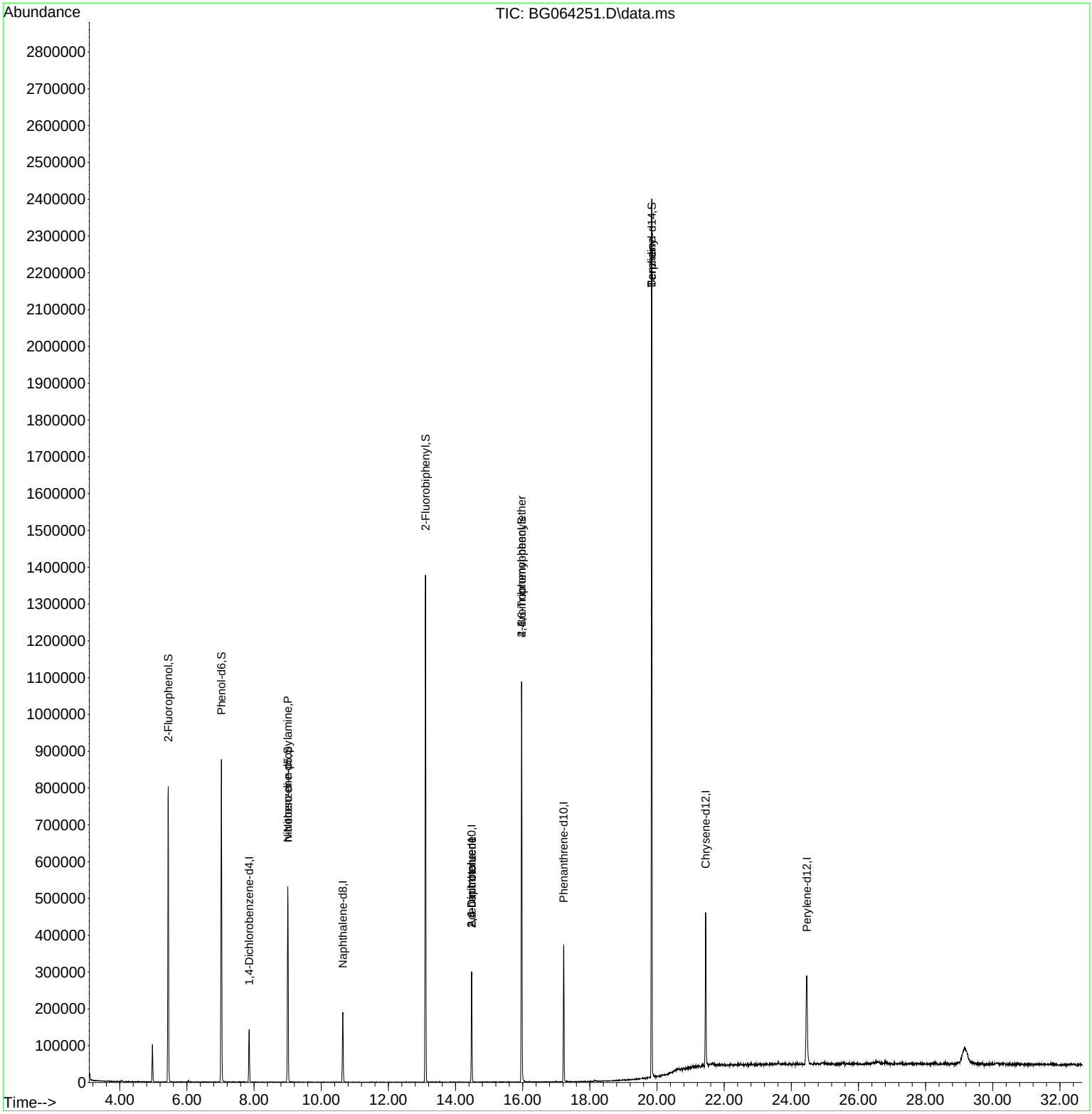
(#) = qualifier out of range (m) = manual integration (+) = signals summed

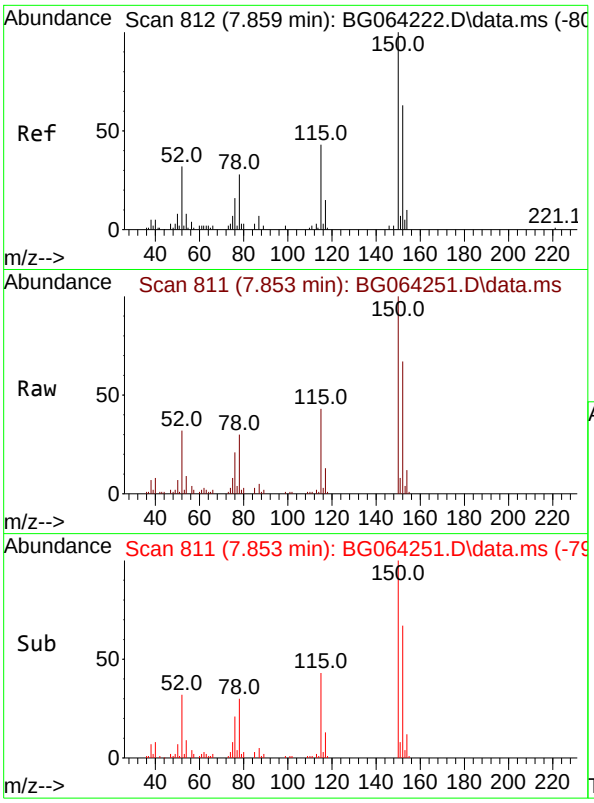
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064251.D
Acq On : 3 Sep 2025 13:02
Operator : RC/JU
Sample : PB169490BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Quant Time: Sep 03 14:01:43 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



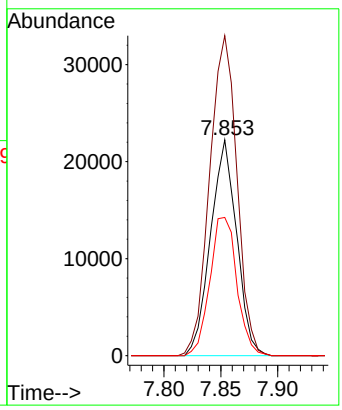


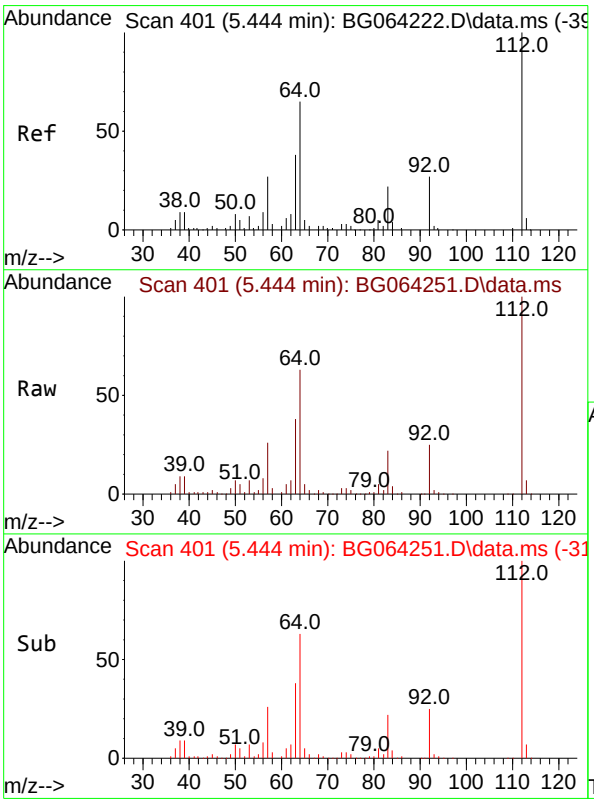
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Tgt Ion:152 Resp: 35595

Ion	Ratio	Lower	Upper
152	100		
150	148.3	128.0	192.0
115	64.1	55.7	83.5

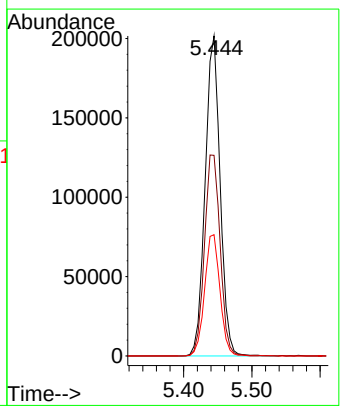


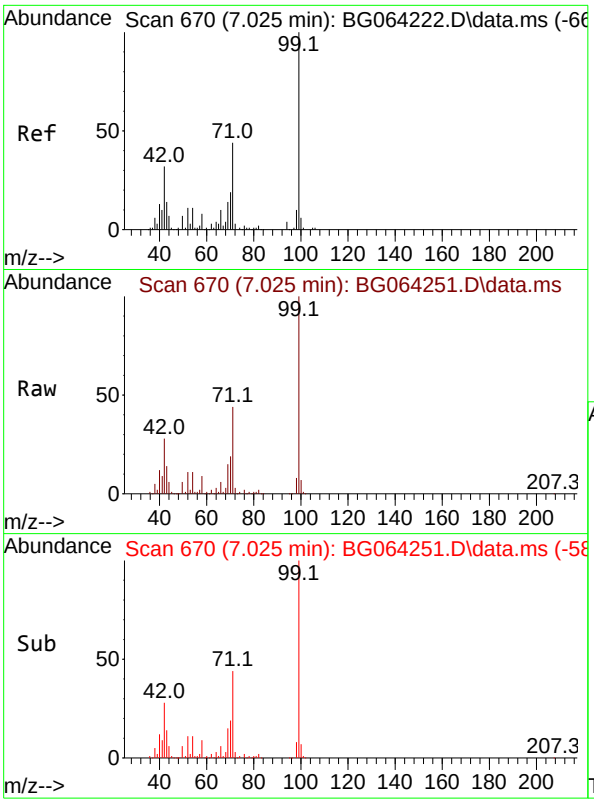


#5
2-Fluorophenol
Concen: 155.569 ng
RT: 5.444 min Scan# 401
Delta R.T. 0.000 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion:112 Resp: 308651

Ion	Ratio	Lower	Upper
112	100		
64	62.7	51.8	77.6
63	37.9	30.6	45.8



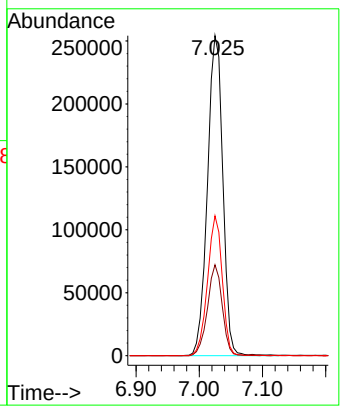


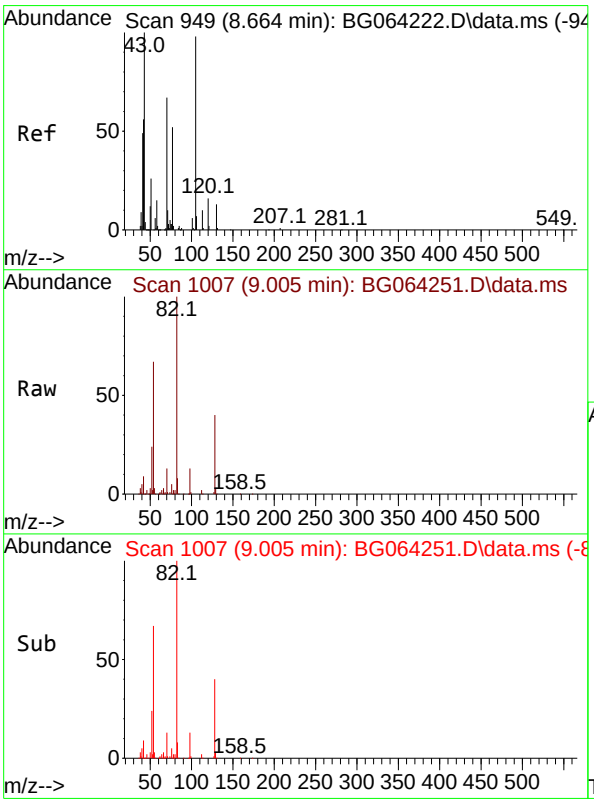
#7
Phenol-d6
Concen: 157.214 ng
RT: 7.025 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Tgt Ion: 99 Resp: 428518

Ion	Ratio	Lower	Upper
99	100		
42	28.4	25.8	38.8
71	43.7	35.2	52.8

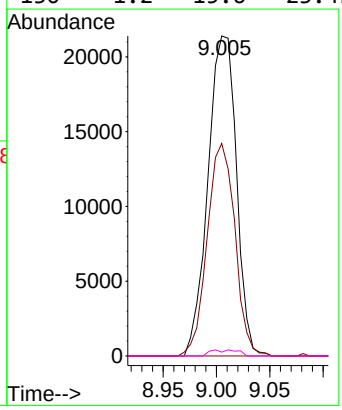


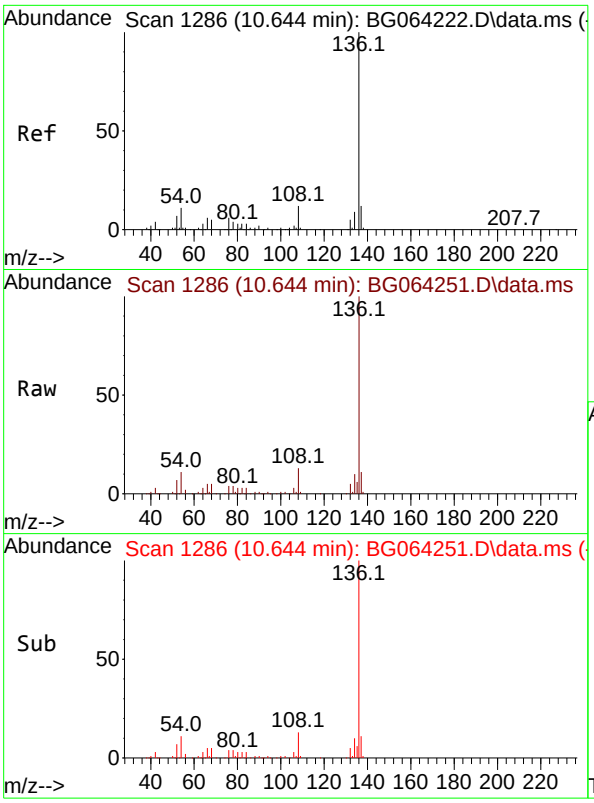


#19
n-Nitroso-di-n-propylamine
Concen: 19.049 ng
RT: 9.005 min Scan# 1007
Delta R.T. 0.341 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion: 70 Resp: 39737

Ion	Ratio	Lower	Upper
70	100		
42	66.4	67.9	101.9#
101	0.0	7.3	10.9#
130	1.2	15.6	23.4#



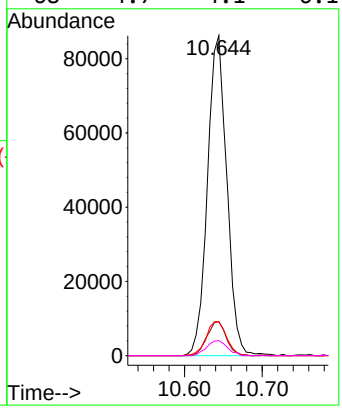


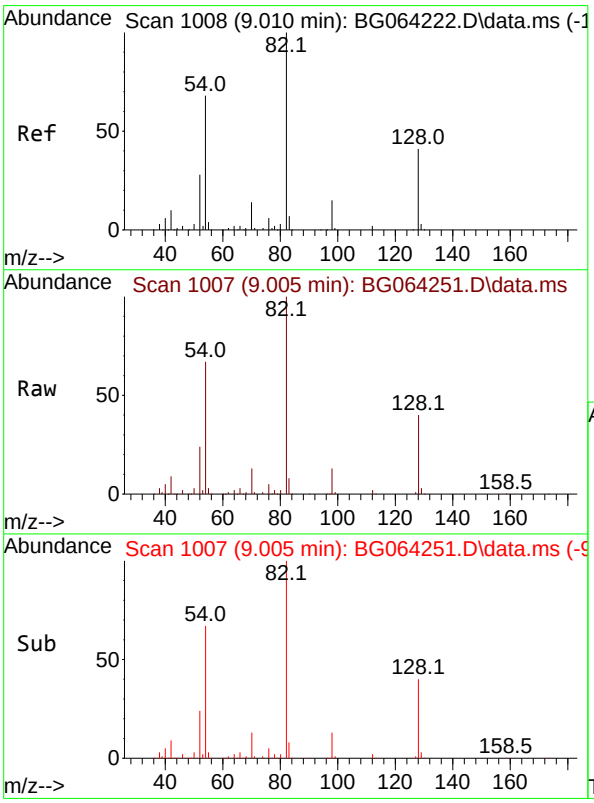
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Tgt Ion:136 Resp: 149885

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	10.7	8.8	13.2
68	4.7	4.1	6.1

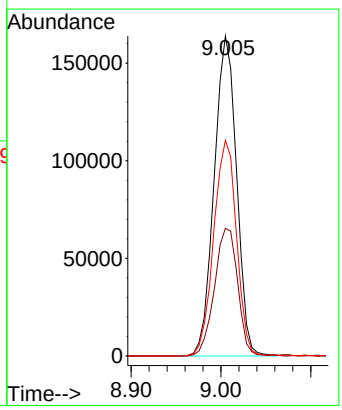


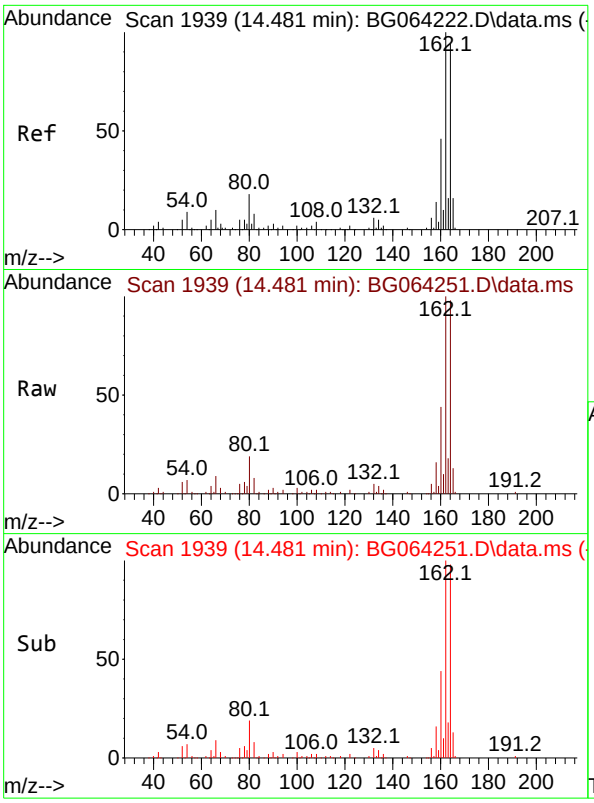


#23
Nitrobenzene-d5
Concen: 105.692 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion: 82 Resp: 284052

Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.6	48.8
54	67.4	54.7	82.1



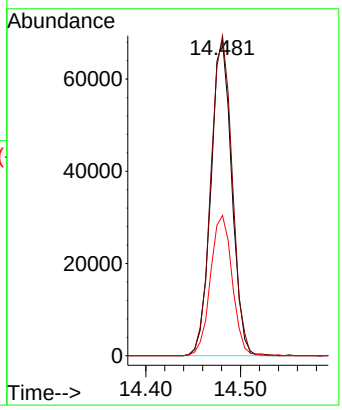


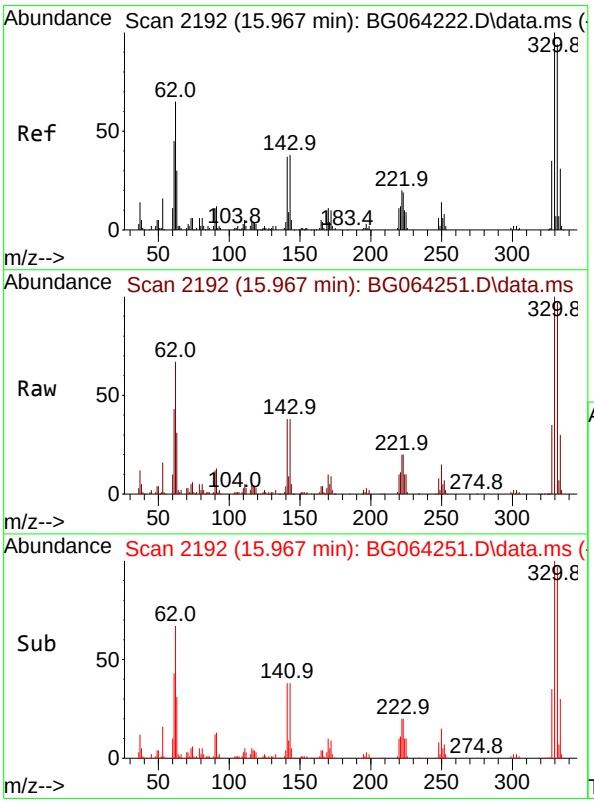
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Tgt Ion:164 Resp: 104319

Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.4	128.0
160	44.5	39.2	58.8

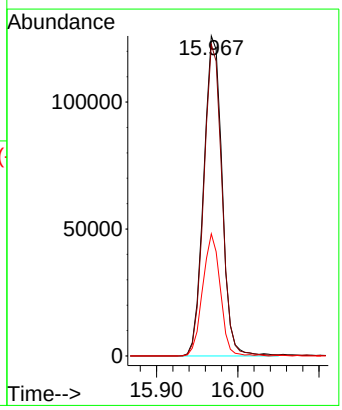


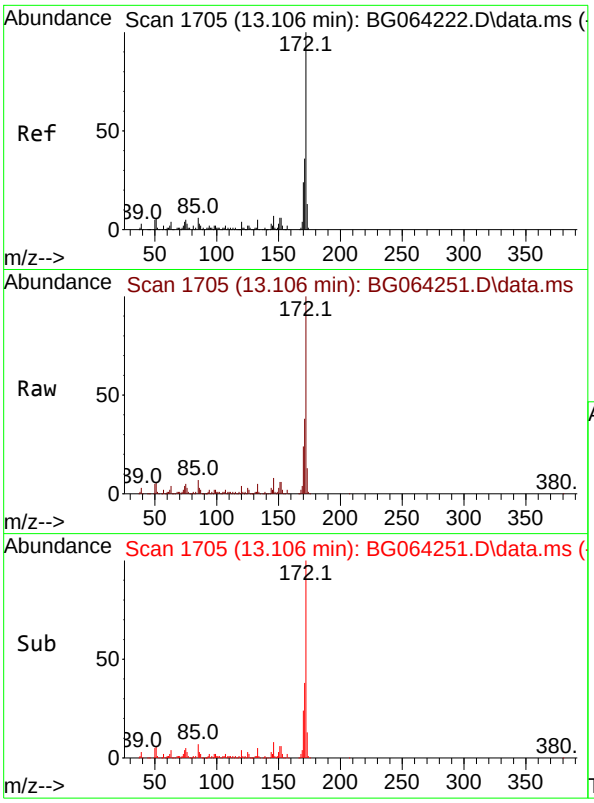


#42
2,4,6-Tribromophenol
Concen: 143.057 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion:330 Resp: 197669

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	36.6	29.8	44.6



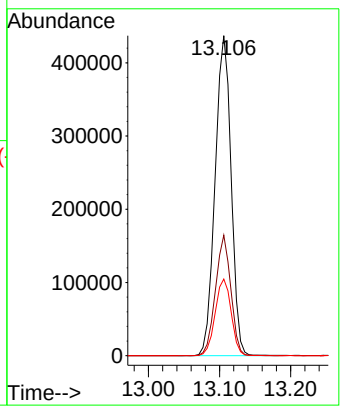


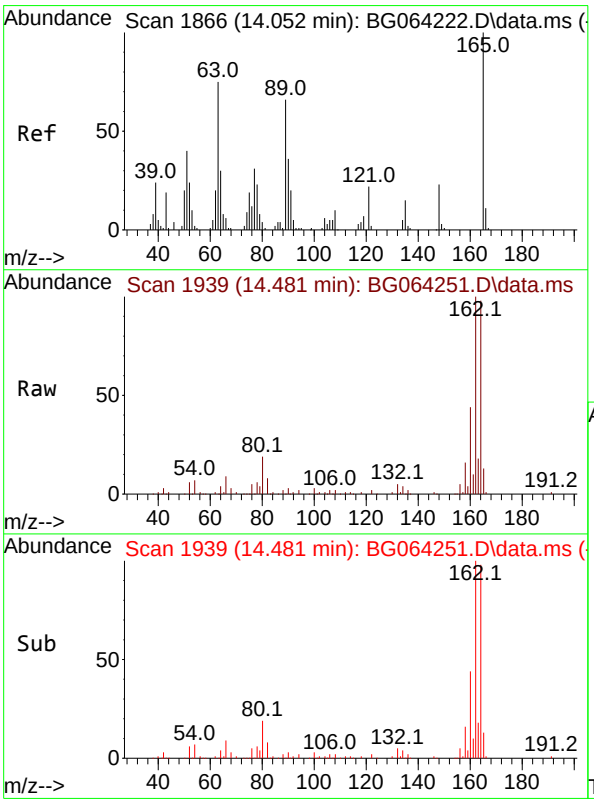
#45
2-Fluorobiphenyl
Concen: 99.889 ng
RT: 13.106 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Tgt Ion:172 Resp: 682691

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	23.9	19.0	28.6

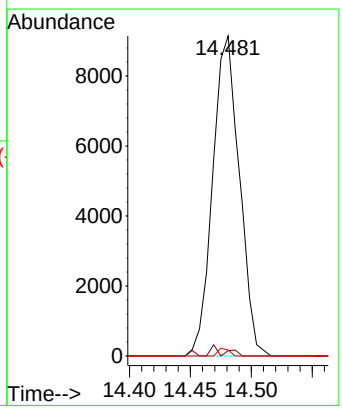


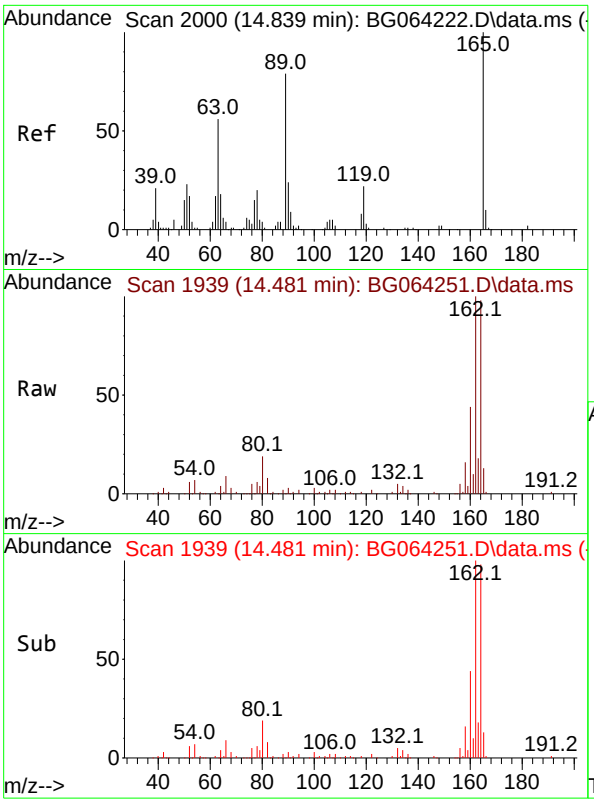


#51
2,6-Dinitrotoluene
Concen: 9.123 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.423 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion:165 Resp: 13945

Ion	Ratio	Lower	Upper
165	100		
63	1.7	60.3	90.5#
89	1.9	52.9	79.3#



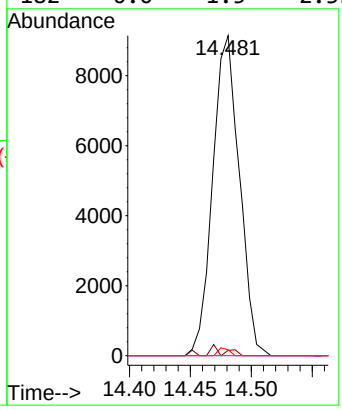


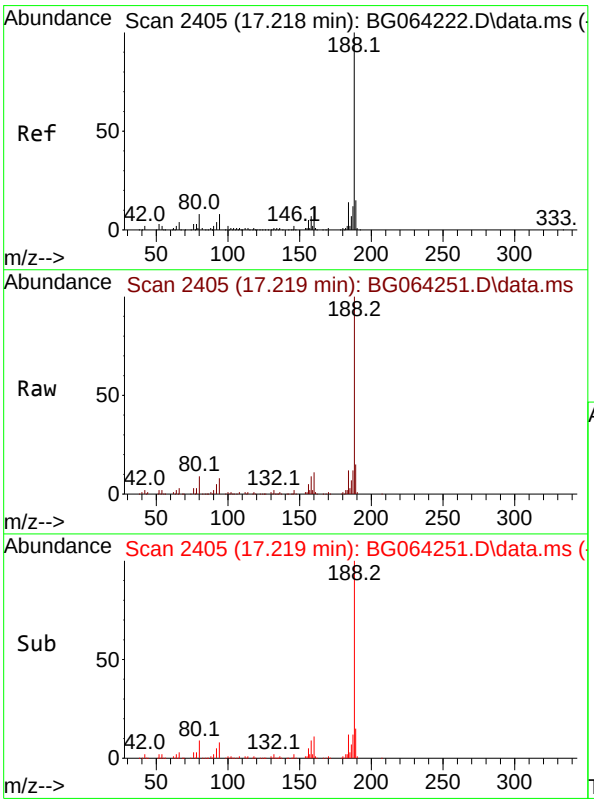
#57
2,4-Dinitrotoluene
Concen: 6.033 ng
RT: 14.481 min Scan# 1
Delta R.T. -0.364 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Tgt Ion:165 Resp: 13945

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.6	67.0#
89	1.9	63.0	94.4#
182	0.0	1.5	2.3#

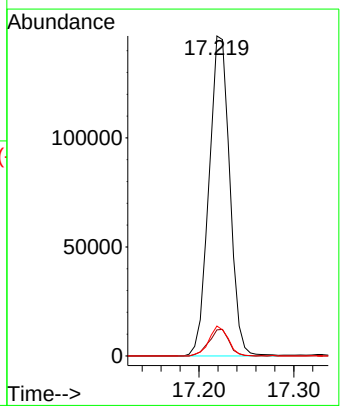


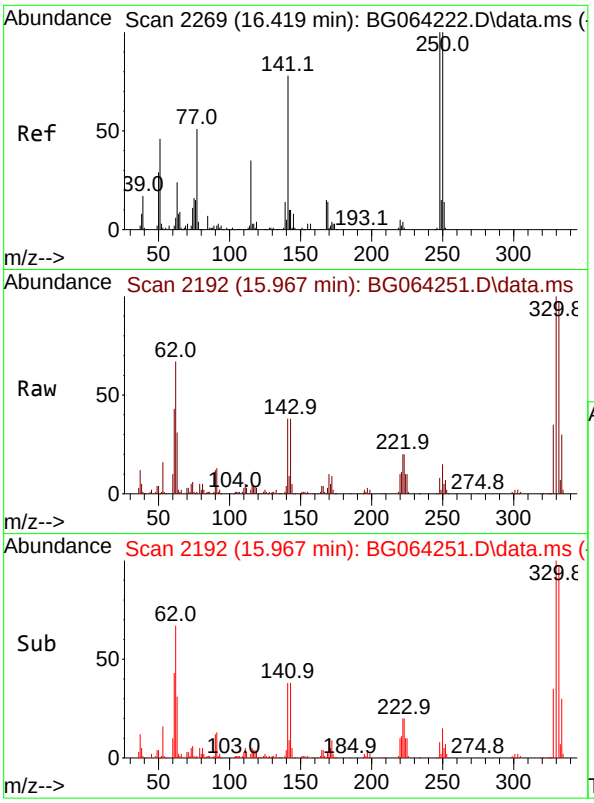


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion:188 Resp: 223148

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.4
80	9.4	6.8	10.2



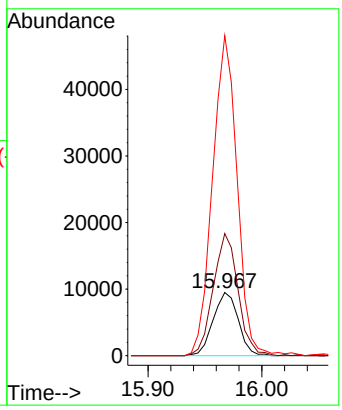


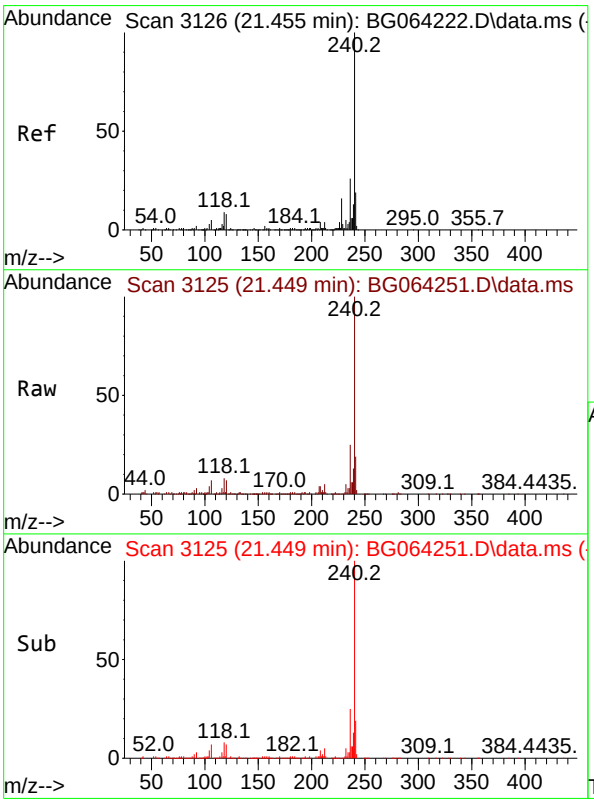
#67
4-Bromophenyl-phenylether
Concen: 6.149 ng
RT: 15.967 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Tgt Ion:248 Resp: 14573

Ion	Ratio	Lower	Upper
248	100		
250	193.2	80.2	120.4#
141	506.3	62.4	93.6#

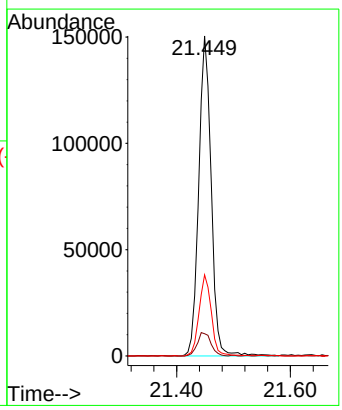


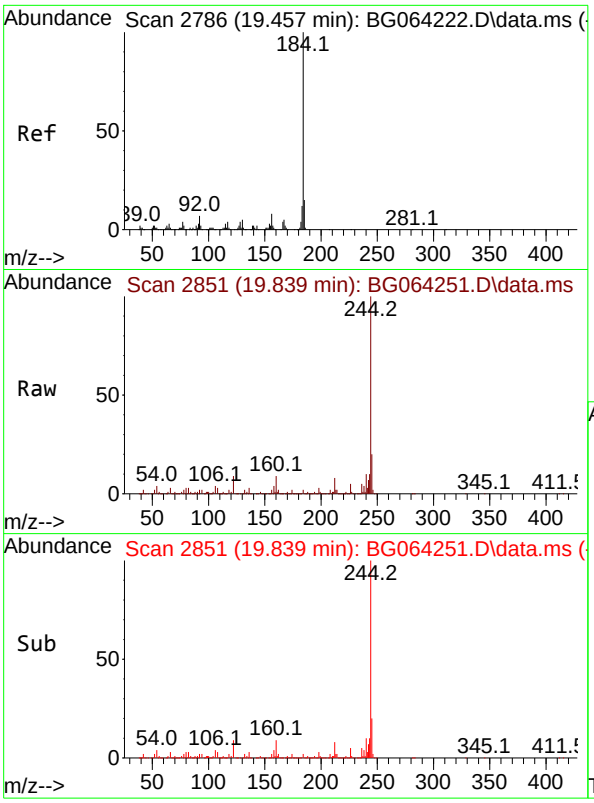


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion:240 Resp: 229168

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.2	9.4
236	25.4	20.5	30.7



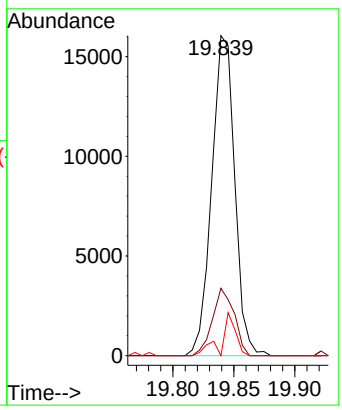


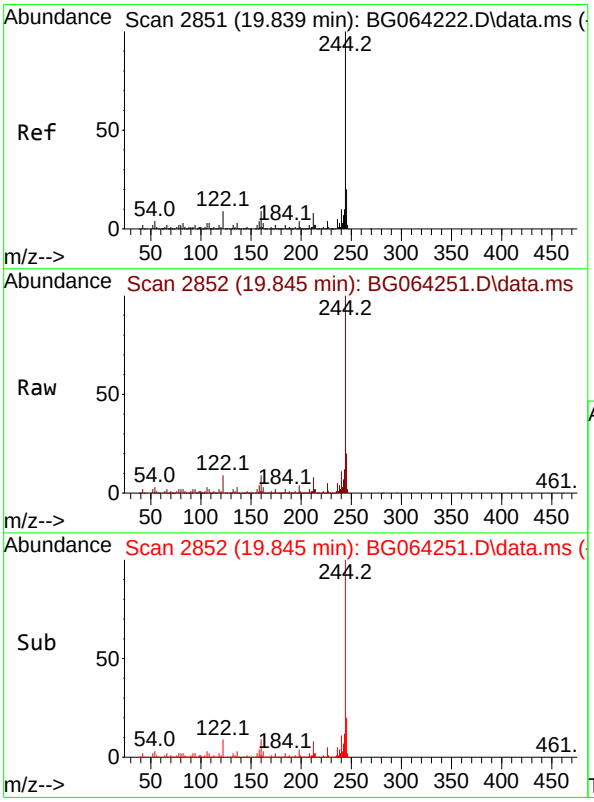
#77
Benzidine
Concen: 4.377 ng
RT: 19.839 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Tgt Ion:184 Resp: 21099

Ion	Ratio	Lower	Upper
184	100		
185	21.1	11.7	17.5#
183	0.0	9.7	14.5#

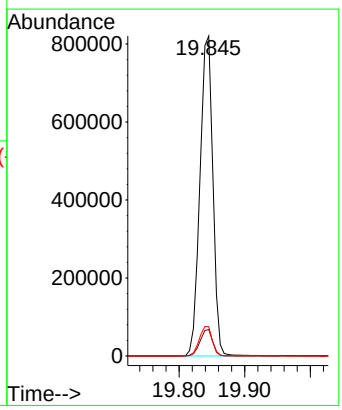


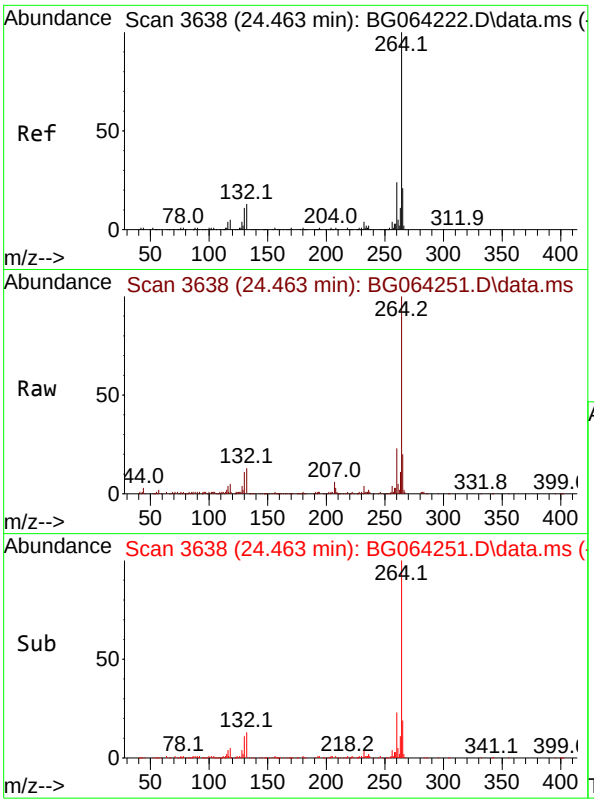


#79
Terphenyl-d14
Concen: 102.726 ng
RT: 19.845 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion:244 Resp: 1128360

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	9.1	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Instrument :
BNA_G
ClientSampleId :
PB169490BL

Tgt Ion:264 Resp: 241225

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	19.9	16.7	25.1