Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064227.D
Acq On : 28 Aug 2025 19:00
Operator : RC/JU
Sample : PB169325TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Quant Time: Aug 28 19:52:54 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	7.854	152	26730	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	115252	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	84665	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	219547	20.000	ng	0.00
76) Chrysene-d12	21.444	240	240333	20.000	ng	-0.01
86) Perylene-d12	24.458	264	252565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	224355	150.585	ng	0.00
7) Phenol-d6	7.026	99	283968	138.734	ng	0.00
23) Nitrobenzene-d5	9.006	82	198440	96.025	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	162767	145.143	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	500380	90.209	ng	0.00
79) Terphenyl-d14	19.840	244	1072423	93.098	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.006	70	28199	18.001	ng	# 75
51) 2,6-Dinitrotoluene	14.476	165	11623	9.369	ng	# 16
57) 2,4-Dinitrotoluene	14.476	165	11623	6.196	ng	# 18
67) 4-Bromophenyl-phenylether	15.962	248	11021	4.726	ng	# 1
77) Benzidine	19.840	184	20180	3.991	ng	# 96

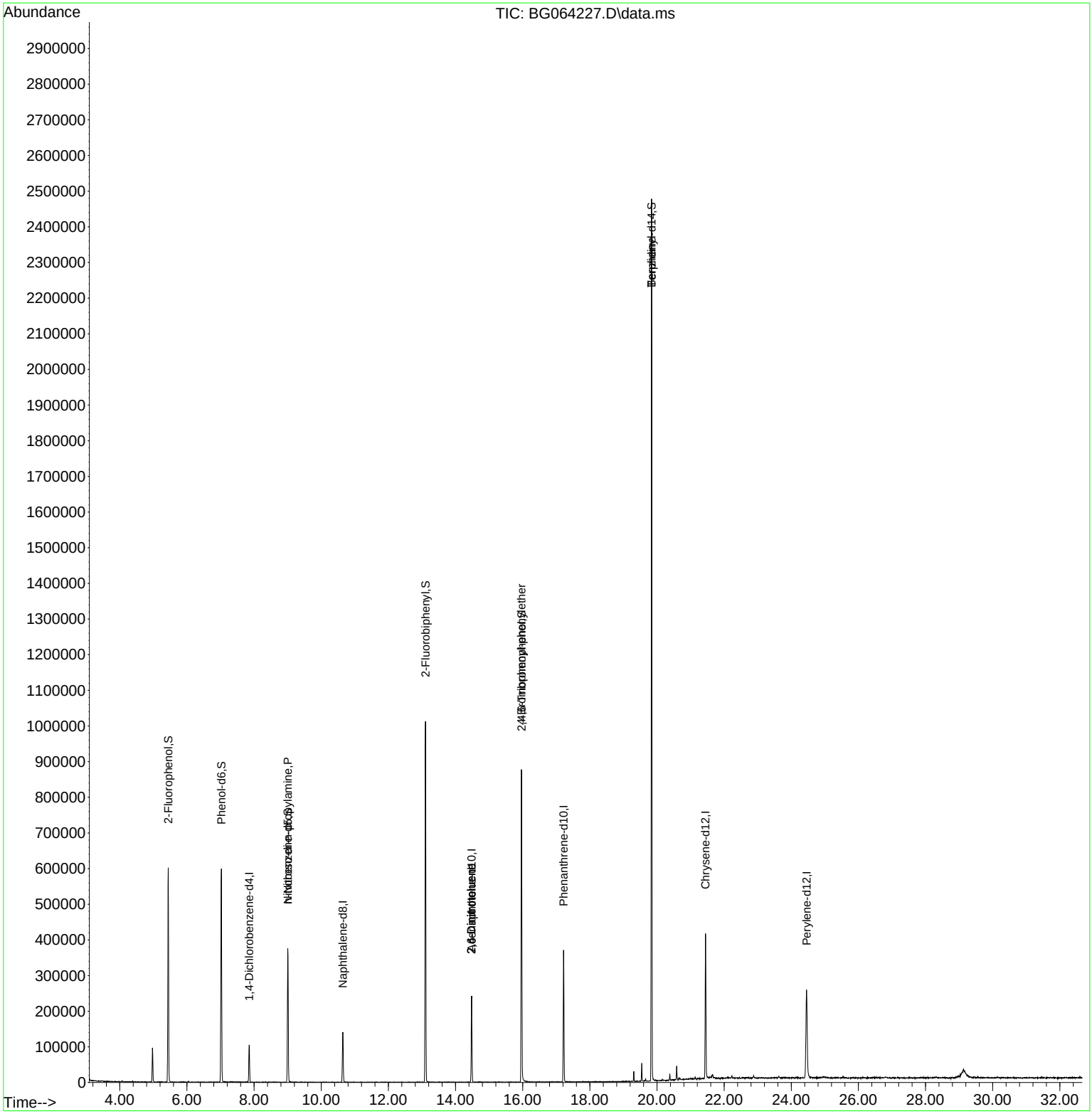
(#) = qualifier out of range (m) = manual integration (+) = signals summed

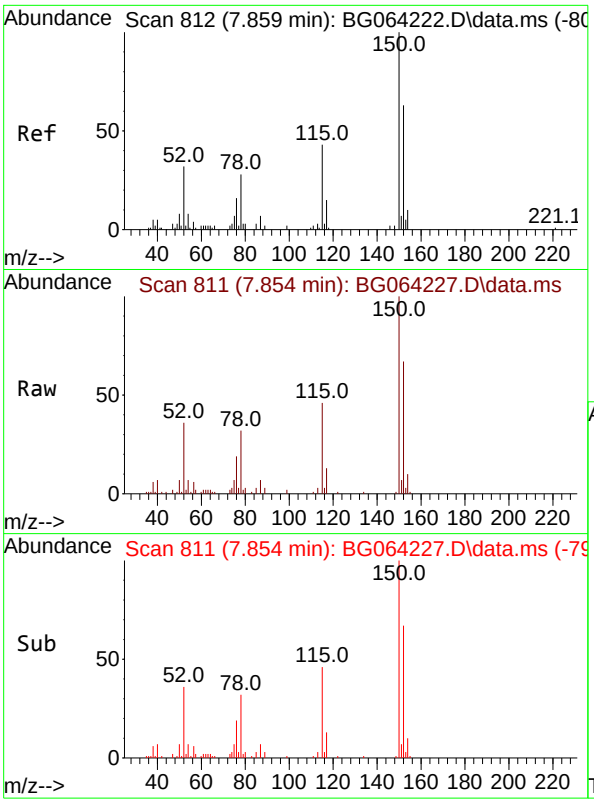
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064227.D
Acq On : 28 Aug 2025 19:00
Operator : RC/JU
Sample : PB169325TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Quant Time: Aug 28 19:52:54 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



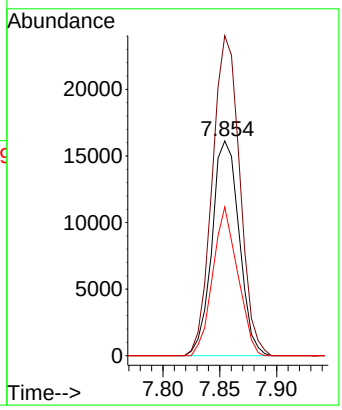


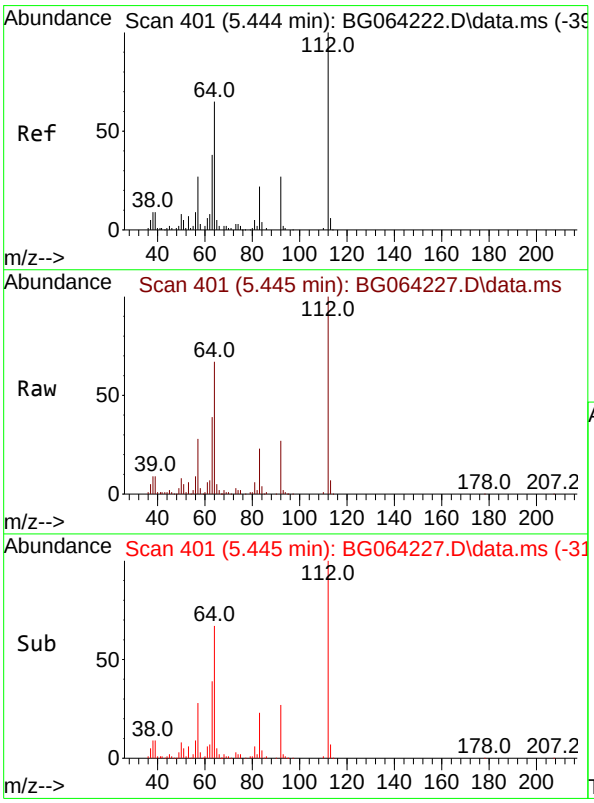
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Tgt Ion:152 Resp: 26730

Ion	Ratio	Lower	Upper
152	100		
150	149.0	128.0	192.0
115	69.2	55.7	83.5

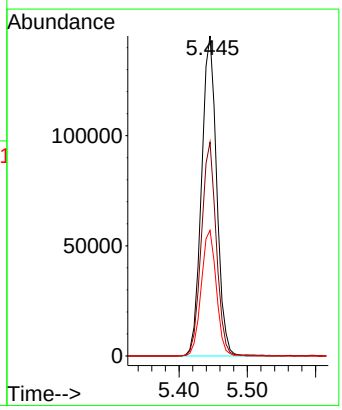


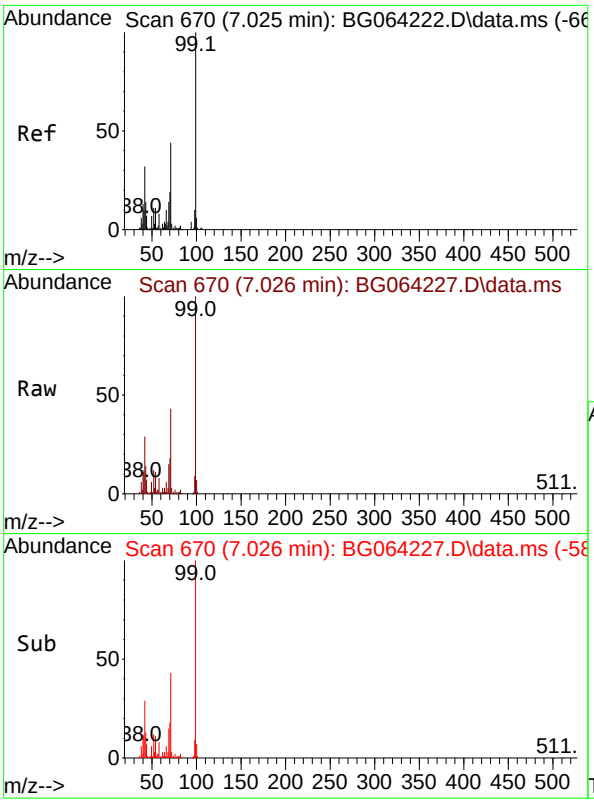


#5
2-Fluorophenol
Concen: 150.585 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.001 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion:112 Resp: 224355

Ion	Ratio	Lower	Upper
112	100		
64	66.8	51.8	77.6
63	39.3	30.6	45.8



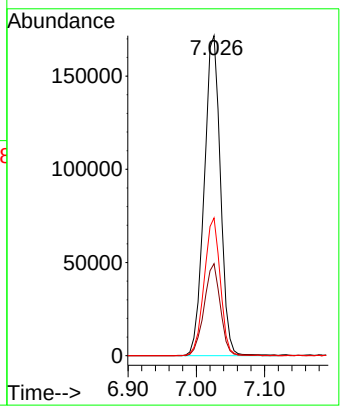


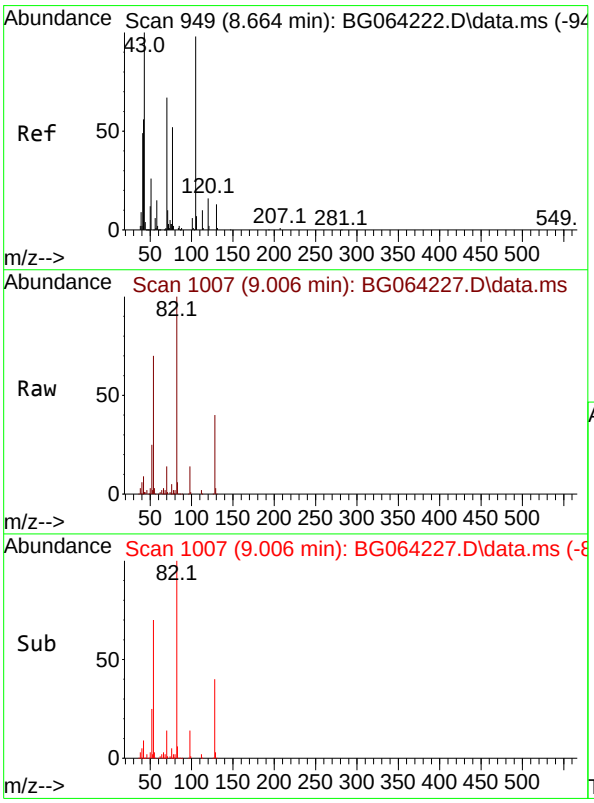
#7
Phenol-d6
Concen: 138.734 ng
RT: 7.026 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Tgt Ion: 99 Resp: 283968

Ion	Ratio	Lower	Upper
99	100		
42	28.8	25.8	38.8
71	43.1	35.2	52.8

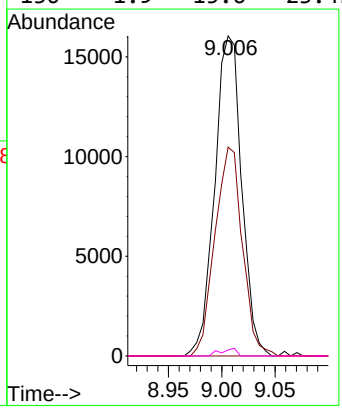


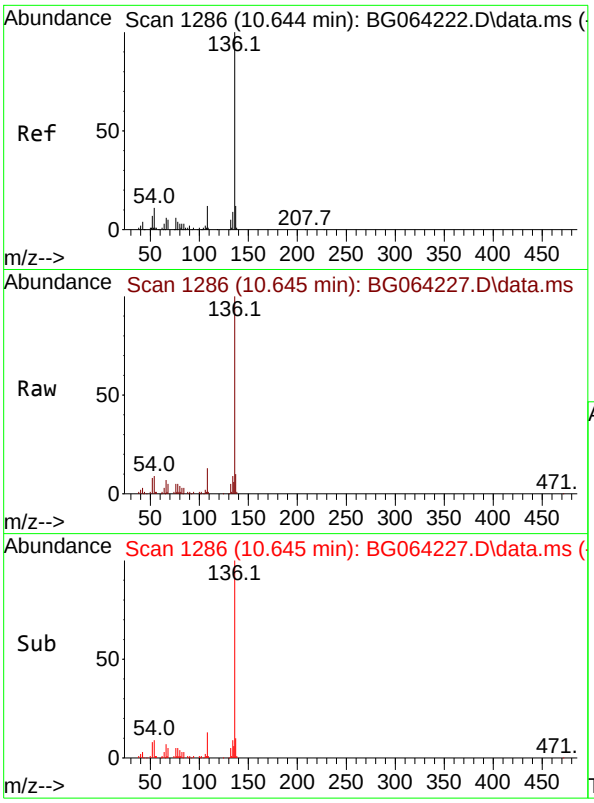


#19
n-Nitroso-di-n-propylamine
Concen: 18.001 ng
RT: 9.006 min Scan# 1007
Delta R.T. 0.342 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion: 70 Resp: 28199

Ion	Ratio	Lower	Upper
70	100		
42	65.2	67.9	101.9#
101	0.0	7.3	10.9#
130	1.9	15.6	23.4#



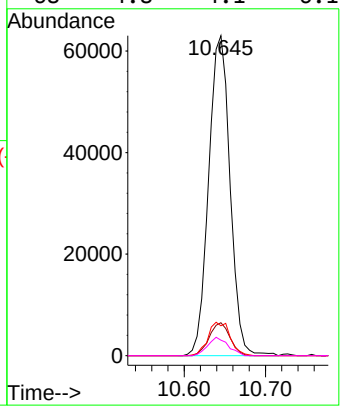


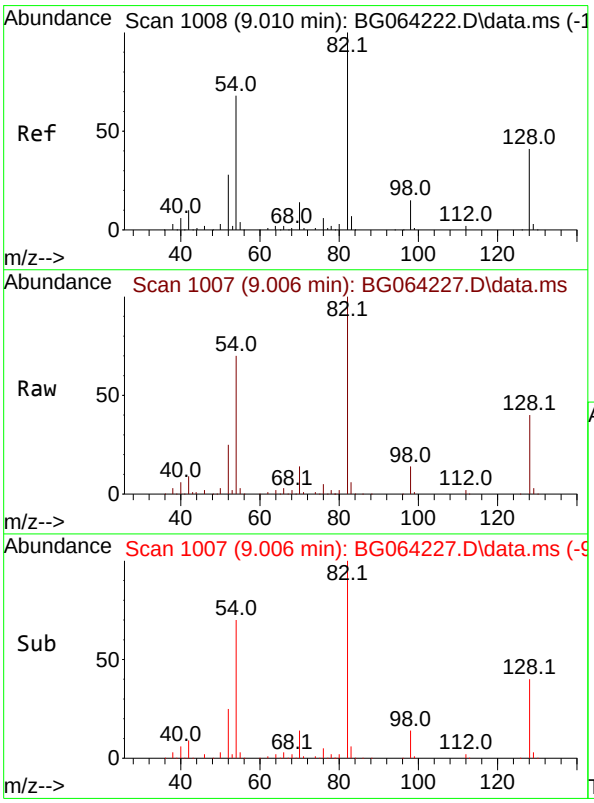
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Tgt Ion:136 Resp: 115252

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	9.3	8.8	13.2
68	4.8	4.1	6.1

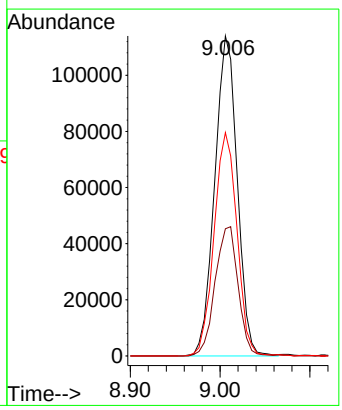


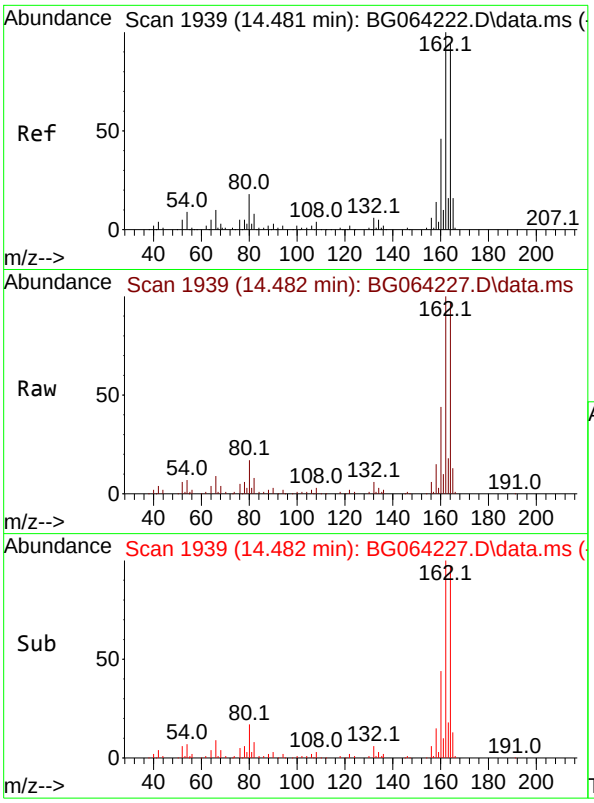


#23
Nitrobenzene-d5
Concen: 96.025 ng
RT: 9.006 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion: 82 Resp: 198440

Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.6	48.8
54	69.8	54.7	82.1



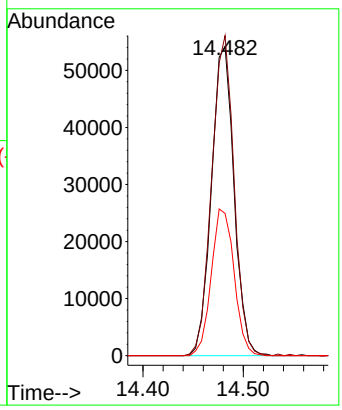


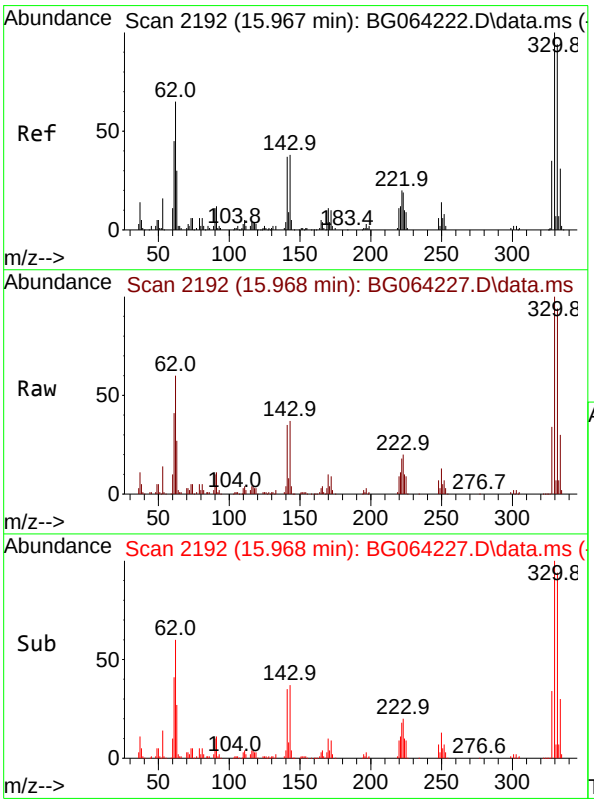
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Tgt Ion:164 Resp: 84665

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.4	128.0
160	46.0	39.2	58.8

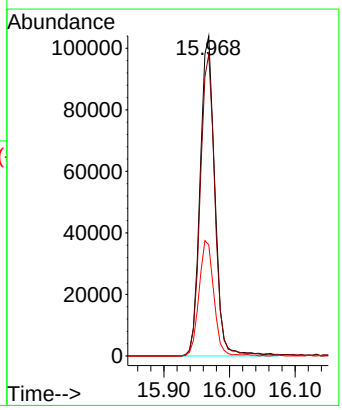


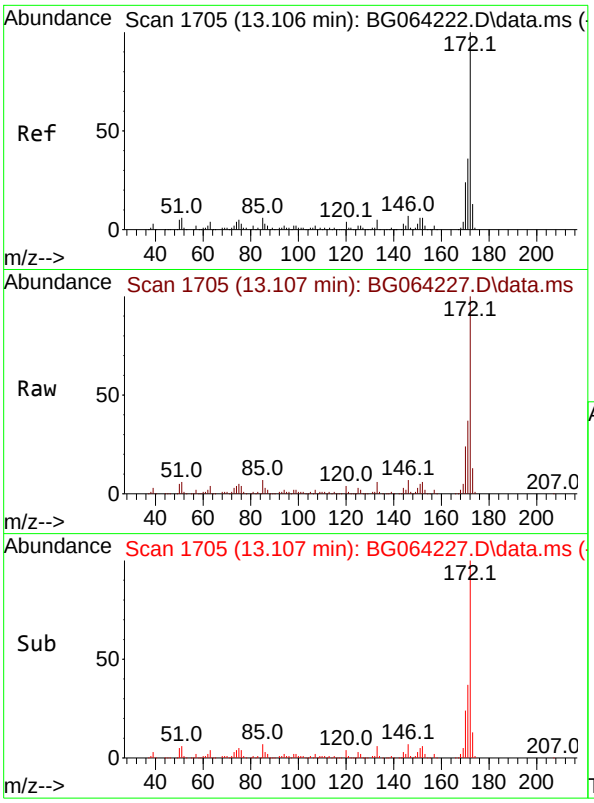


#42
2,4,6-Tribromophenol
Concen: 145.143 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion:330 Resp: 162767

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.6	116.4
141	36.2	29.8	44.6



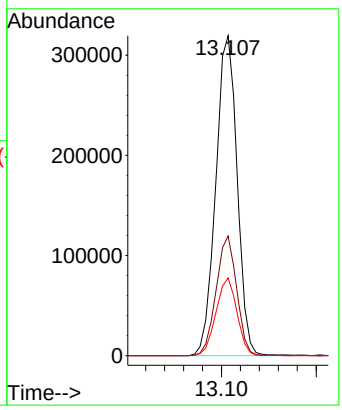


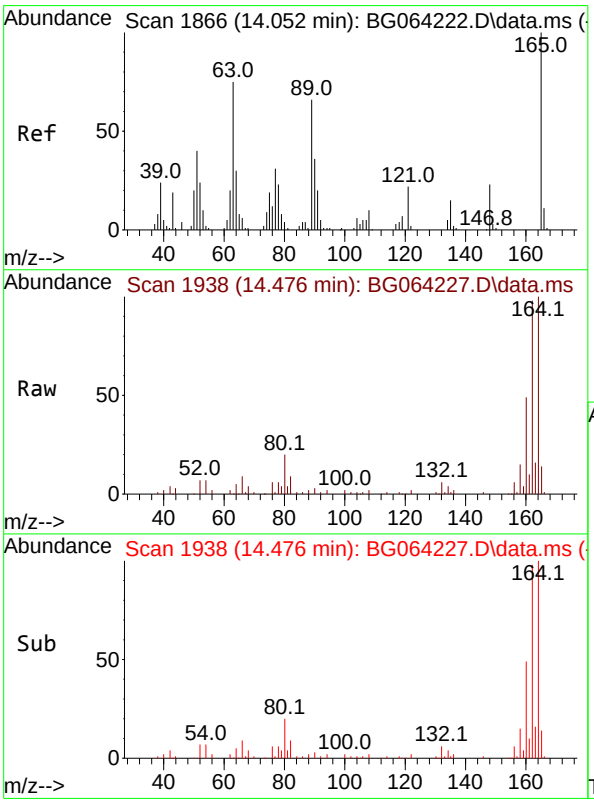
#45
2-Fluorobiphenyl
Concen: 90.209 ng
RT: 13.107 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Tgt Ion:172 Resp: 500380

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	24.3	19.0	28.6

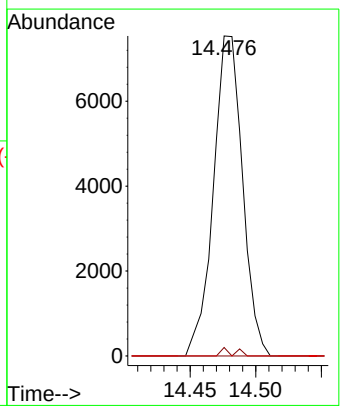


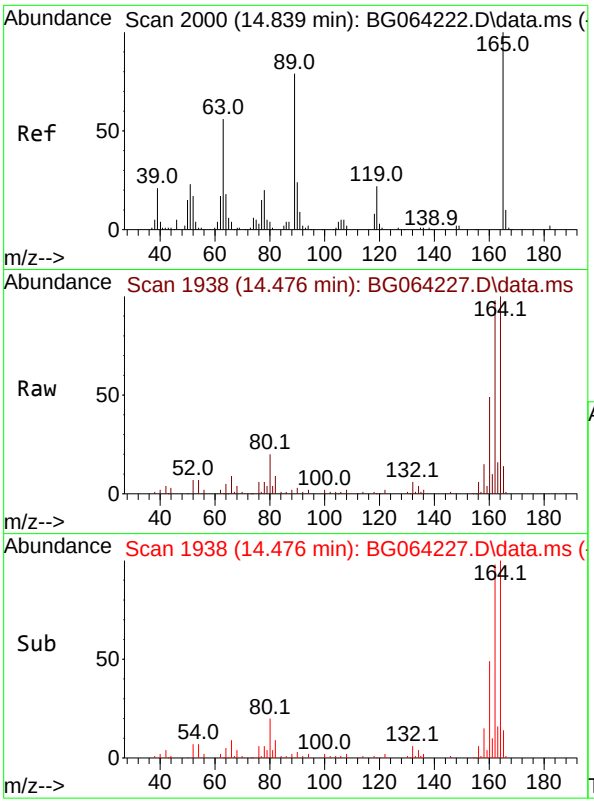


#51
2,6-Dinitrotoluene
Concen: 9.369 ng
RT: 14.476 min Scan# 1938
Delta R.T. 0.418 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion:165 Resp: 11623

Ion	Ratio	Lower	Upper
165	100		
63	2.6	60.3	90.5#
89	0.0	52.9	79.3#



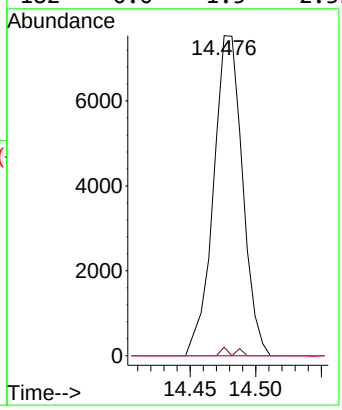


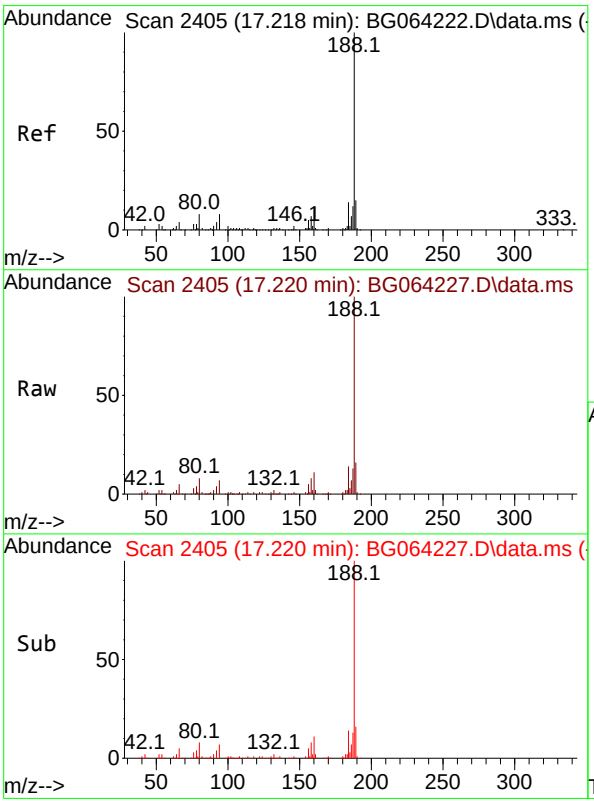
#57
2,4-Dinitrotoluene
Concen: 6.196 ng
RT: 14.476 min Scan# 1
Delta R.T. -0.369 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Tgt Ion:165 Resp: 11623

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

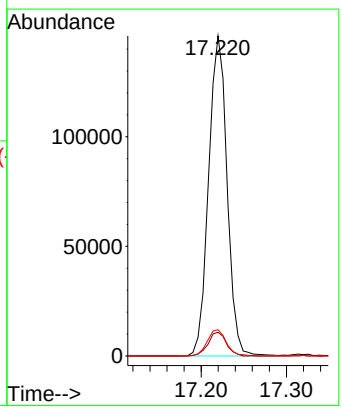


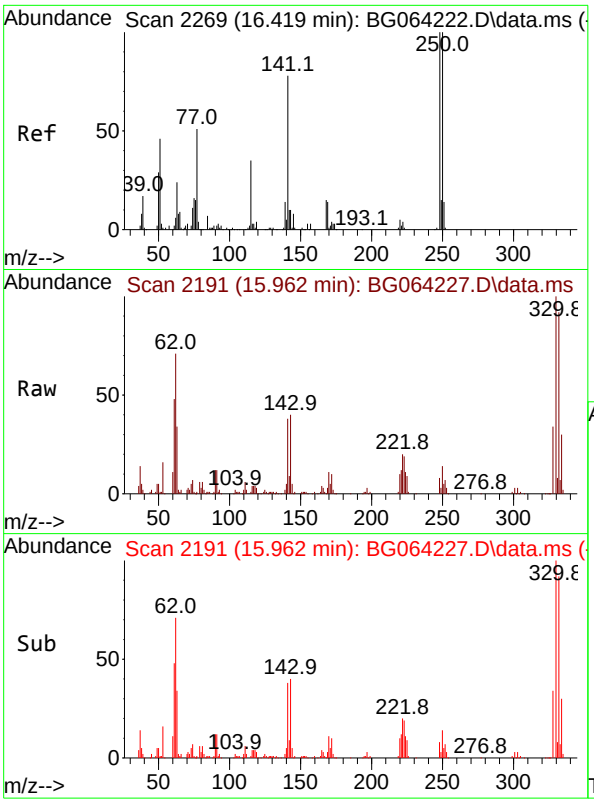


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion:188 Resp: 219547

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	8.2	6.8	10.2



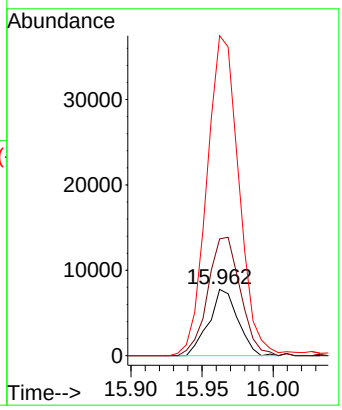


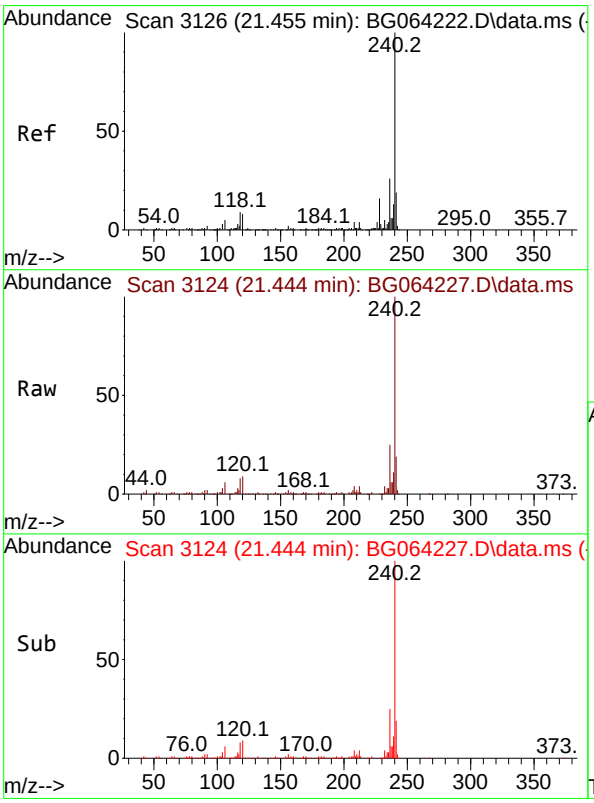
#67
4-Bromophenyl-phenylether
Concen: 4.726 ng
RT: 15.962 min Scan# 21
Delta R.T. -0.457 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Tgt Ion:248 Resp: 11021

Ion	Ratio	Lower	Upper
248	100		
250	176.1	80.2	120.4#
141	482.7	62.4	93.6#

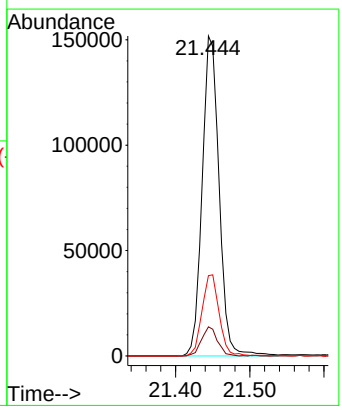


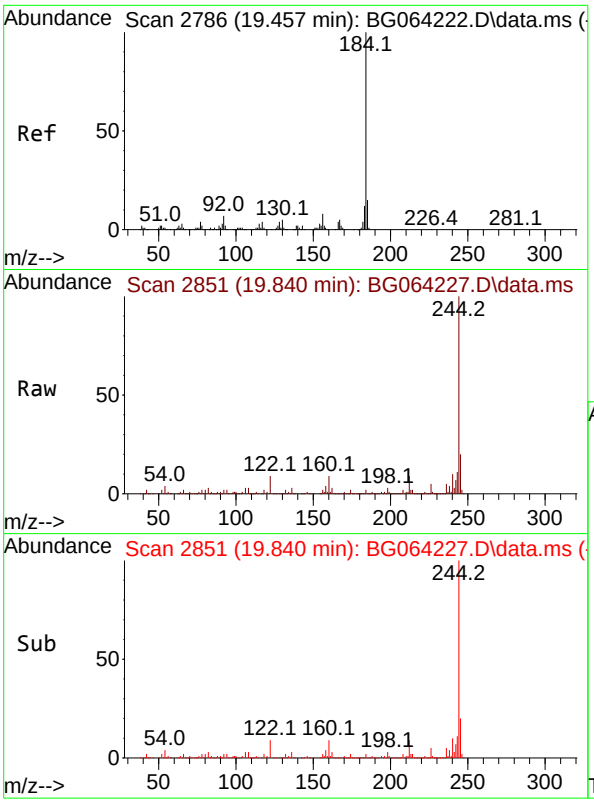


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion:240 Resp: 240333

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.2	9.4
236	25.1	20.5	30.7



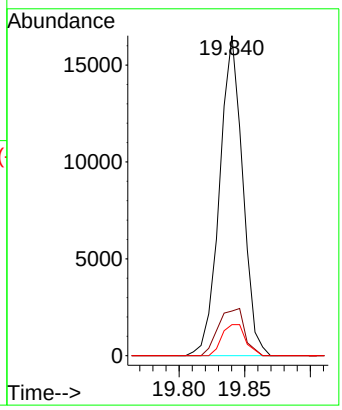


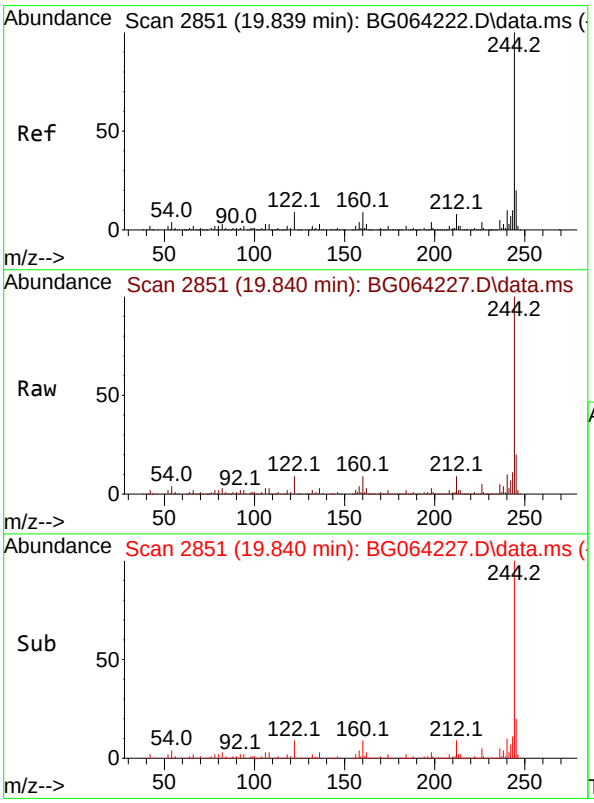
#77
Benzidine
Concen: 3.991 ng
RT: 19.840 min Scan# 2
Delta R.T. 0.383 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Tgt Ion:184 Resp: 20180

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.7	17.5
183	9.7	9.7	14.5#

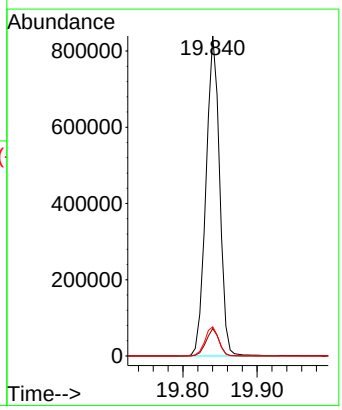


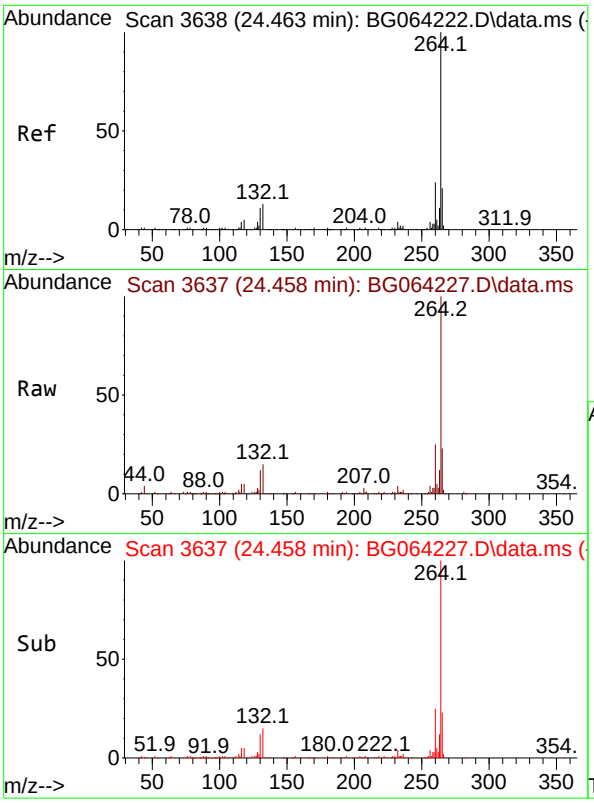


#79
Terphenyl-d14
Concen: 93.098 ng
RT: 19.840 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion:244 Resp: 1072423

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	9.1	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Instrument :
BNA_G
ClientSampleId :
PB169325TB

Tgt Ion:264 Resp: 252565

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.9	28.3
265	23.1	16.7	25.1