Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064517.D
Acq On : 16 Oct 2025 15:34
Operator : RC/JU
Sample : PB170133BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Quant Time: Oct 16 16:25:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	14441	20.00	ng	# 0.00
21) Naphthalene-d8	10.608	136	57385	20.00	ng	# 0.00
39) Acenaphthene-d10	14.444	164	43972	20.00	ng	0.00
64) Phenanthrene-d10	17.188	188	106337	20.00	ng	# 0.00
76) Chrysene-d12	21.413	240	129197	20.00	ng	0.00
86) Perylene-d12	24.397	264	136933	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	123308	158.02	ng	0.00
7) Phenol-d6	7.000	99	152191	145.14	ng	0.01
23) Nitrobenzene-d5	8.968	82	105929	99.26	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	123174	154.54	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	284117	95.24	ng	0.00
79) Terphenyl-d14	19.809	244	661947	96.96	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.968	70	15375	21.92	ng	# 77
51) 2,6-Dinitrotoluene	14.450	165	5644	7.87	ng	# 12
57) 2,4-Dinitrotoluene	14.450	165	5644	5.15	ng	# 21
67) 4-Bromophenyl-phenylether	15.937	248	8511	6.80	ng	# 1
77) Benzidine	19.809	184	13654	4.25	ng	# 96

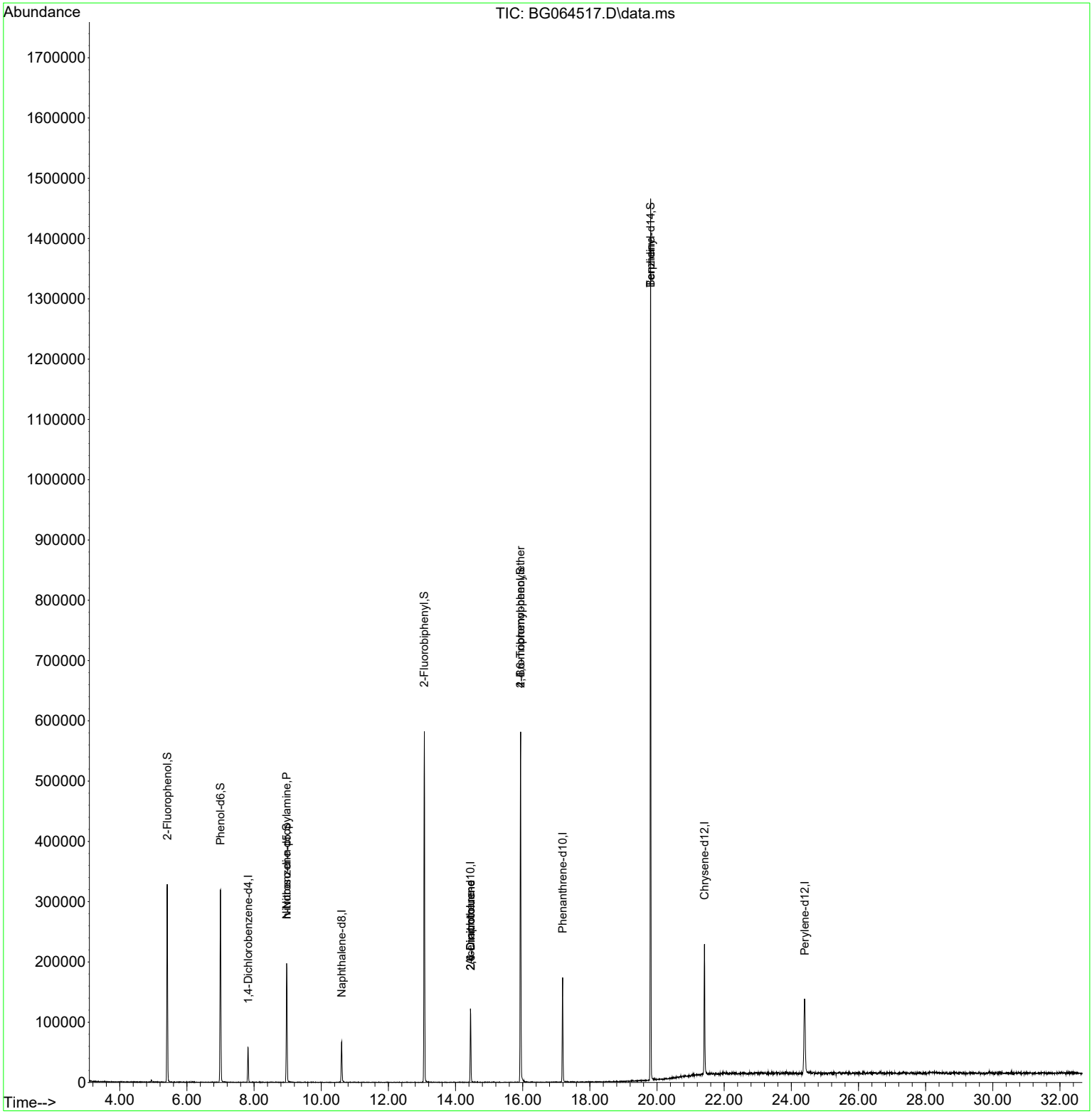
(#) = qualifier out of range (m) = manual integration (+) = signals summed

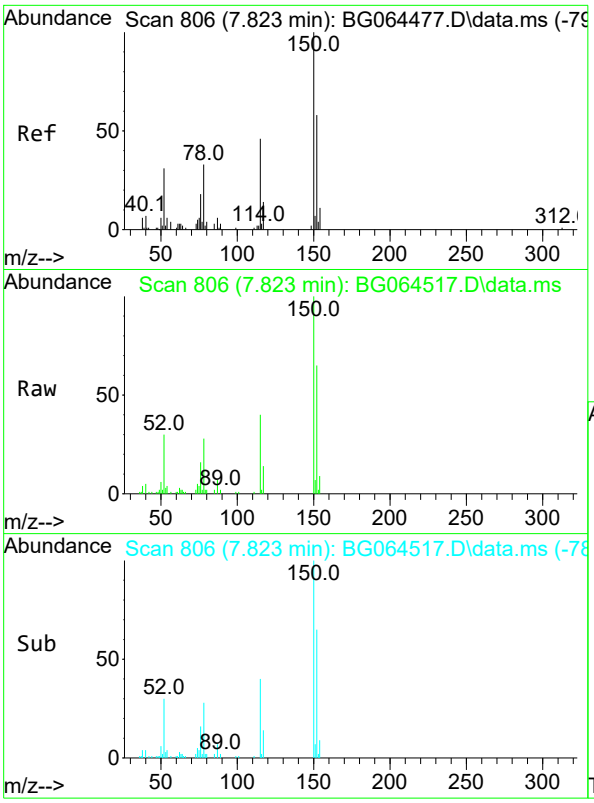
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064517.D
Acq On : 16 Oct 2025 15:34
Operator : RC/JU
Sample : PB170133BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Quant Time: Oct 16 16:25:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



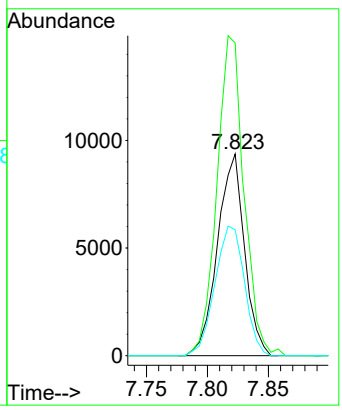


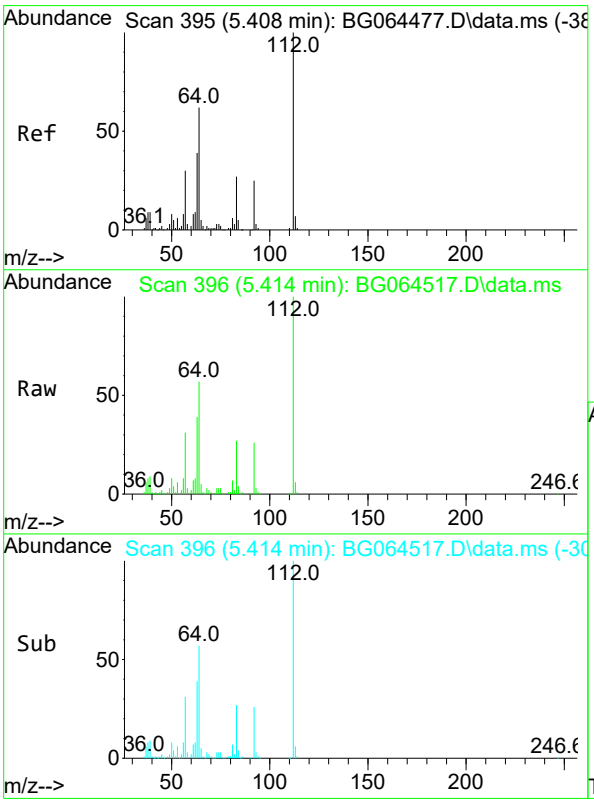
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.823 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Tgt Ion:152 Resp: 14441

Ion	Ratio	Lower	Upper
152	100		
150	155.0	138.6	207.8
115	62.4	63.4	95.2#

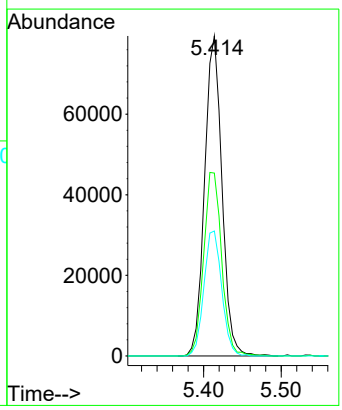


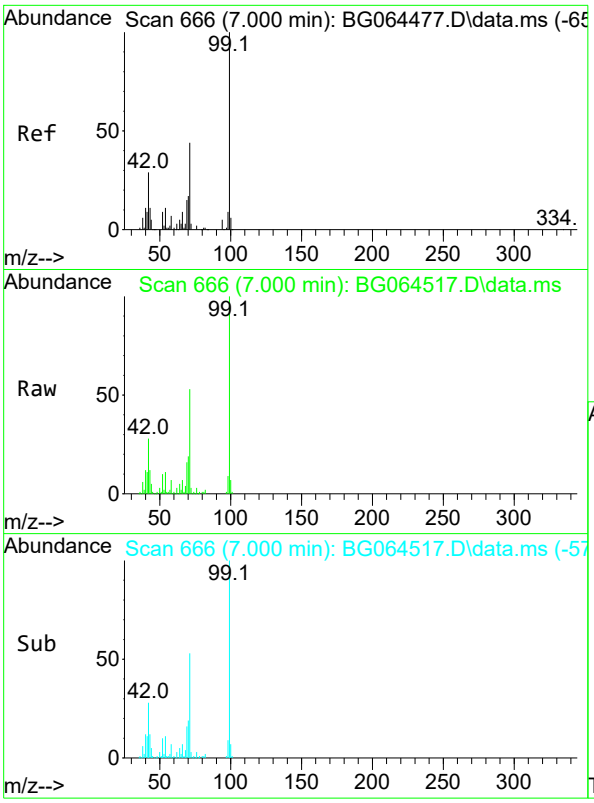


#5
2-Fluorophenol
Concen: 158.02 ng
RT: 5.414 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion:112 Resp: 123308

Ion	Ratio	Lower	Upper
112	100		
64	57.1	49.8	74.8
63	39.1	31.3	46.9



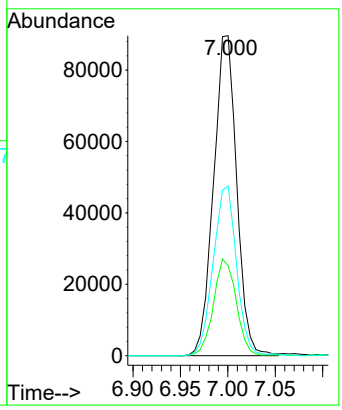


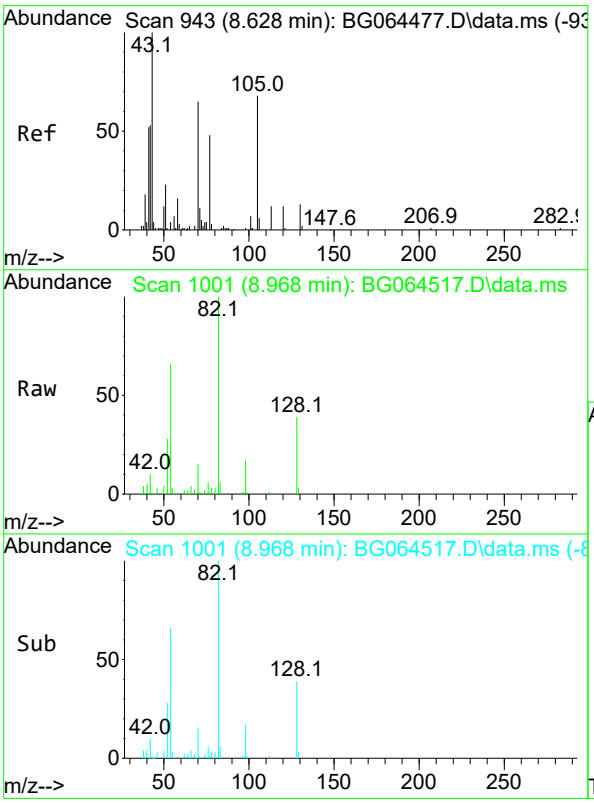
#7
Phenol-d6
Concen: 145.14 ng
RT: 7.000 min Scan# 6
Delta R.T. 0.014 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Tgt Ion: 99 Resp: 152191

Ion	Ratio	Lower	Upper
99	100		
42	28.1	22.9	34.3
71	53.0	35.4	53.2

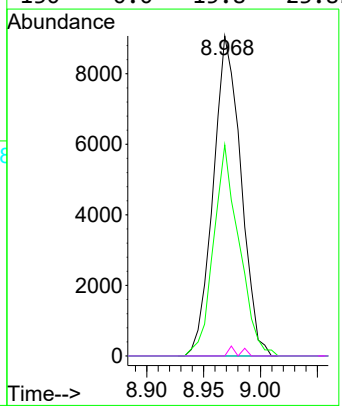


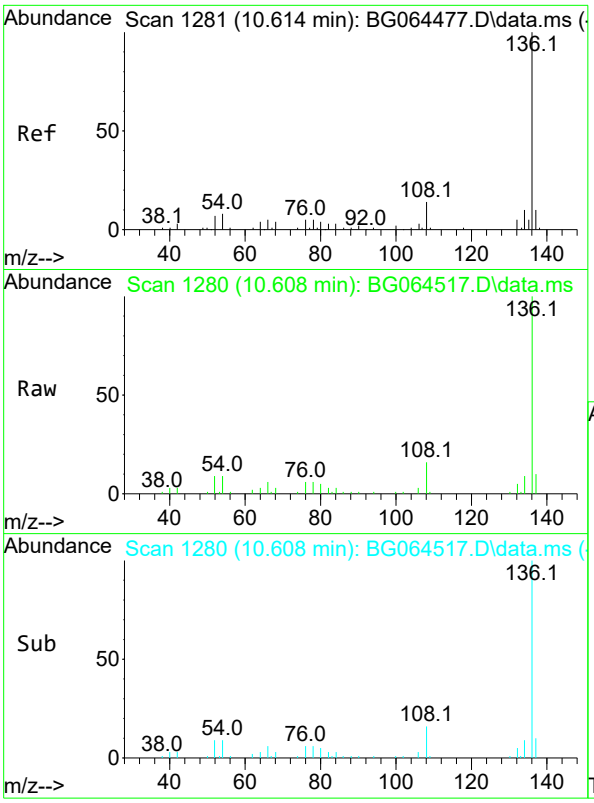


#19
n-Nitroso-di-n-propylamine
Concen: 21.92 ng
RT: 8.968 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion: 70 Resp: 15375

Ion	Ratio	Lower	Upper
70	100		
42	66.0	64.9	97.3
101	0.0	8.7	13.1#
130	0.0	15.8	23.8#



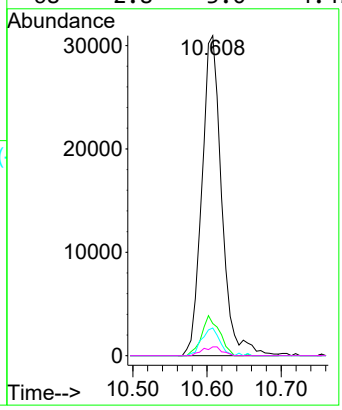


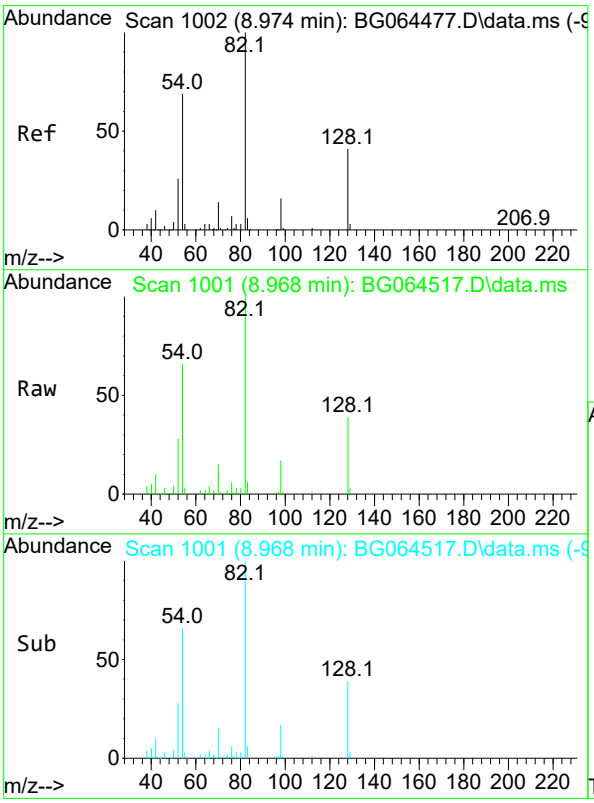
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.608 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Tgt Ion:136 Resp: 57385

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.3	12.5
54	8.7	6.2	9.4
68	2.8	3.0	4.4#

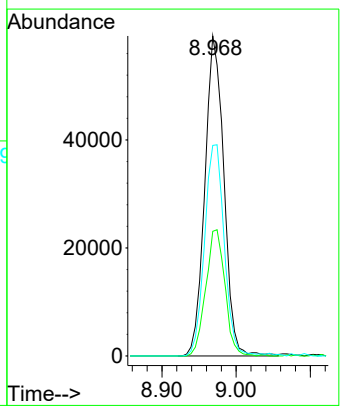


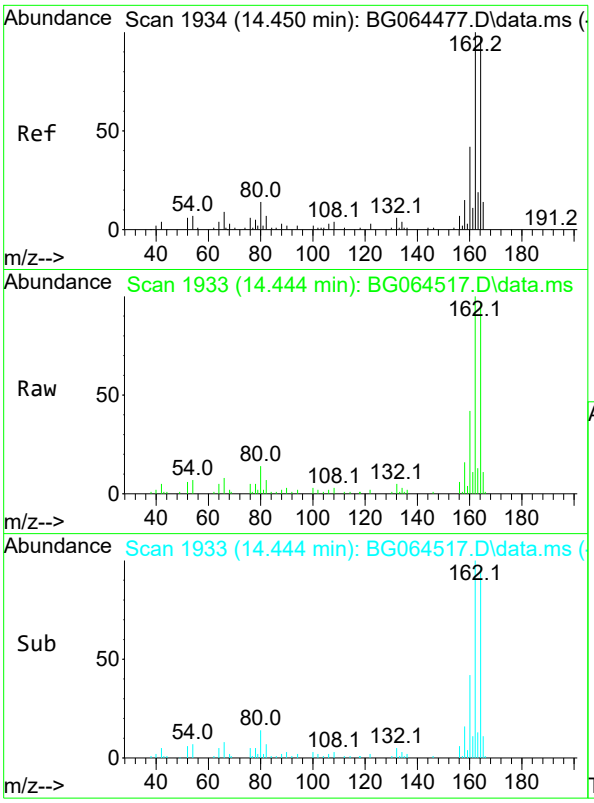


#23
Nitrobenzene-d5
Concen: 99.26 ng
RT: 8.968 min Scan# 1001
Delta R.T. 0.002 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion: 82 Resp: 105929

Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.1	49.7
54	65.8	55.4	83.2



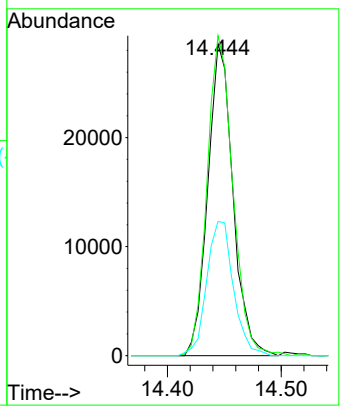


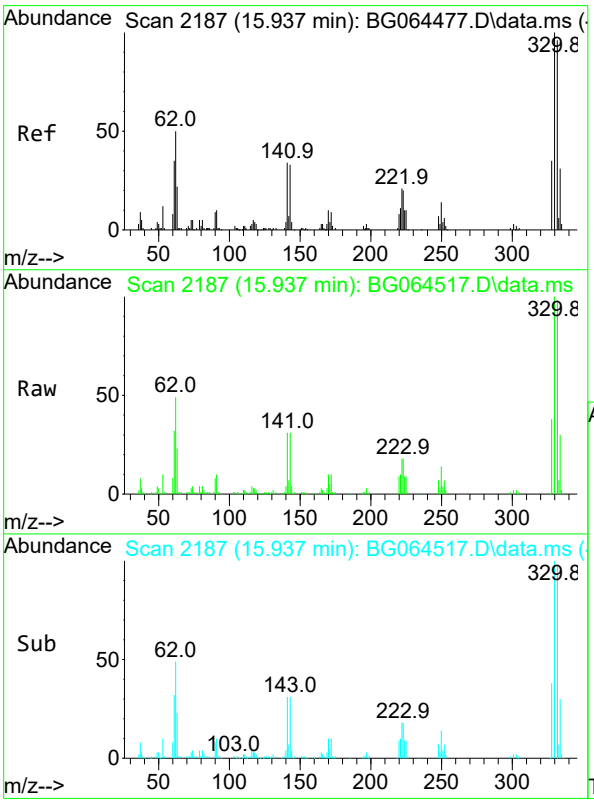
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.444 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Tgt Ion:164 Resp: 43972

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.2	123.2
160	43.0	34.3	51.5

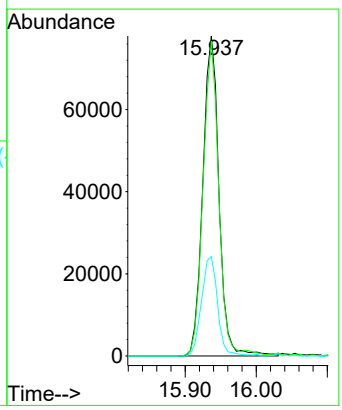


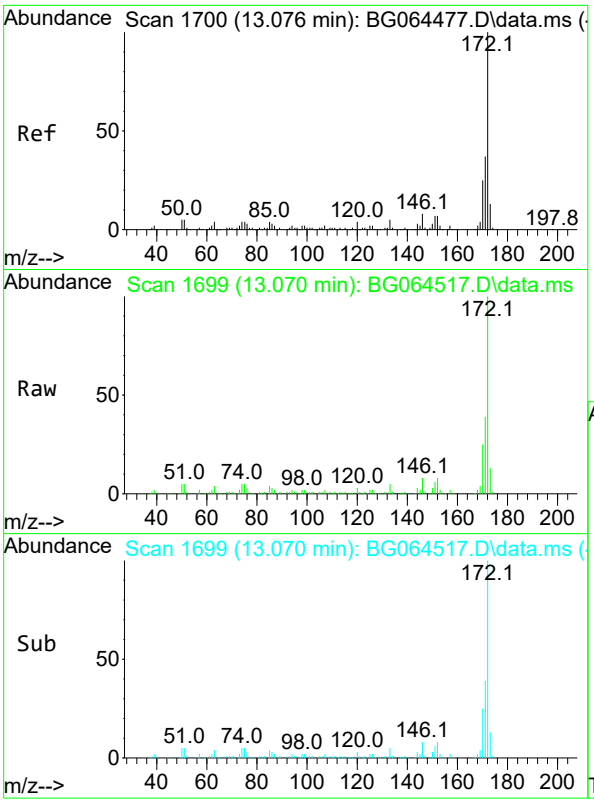


#42
2,4,6-Tribromophenol
Concen: 154.54 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion:330 Resp: 123174

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	31.0	25.8	38.6



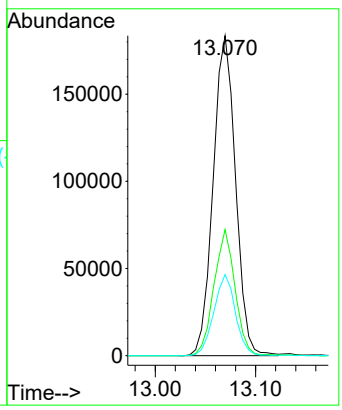


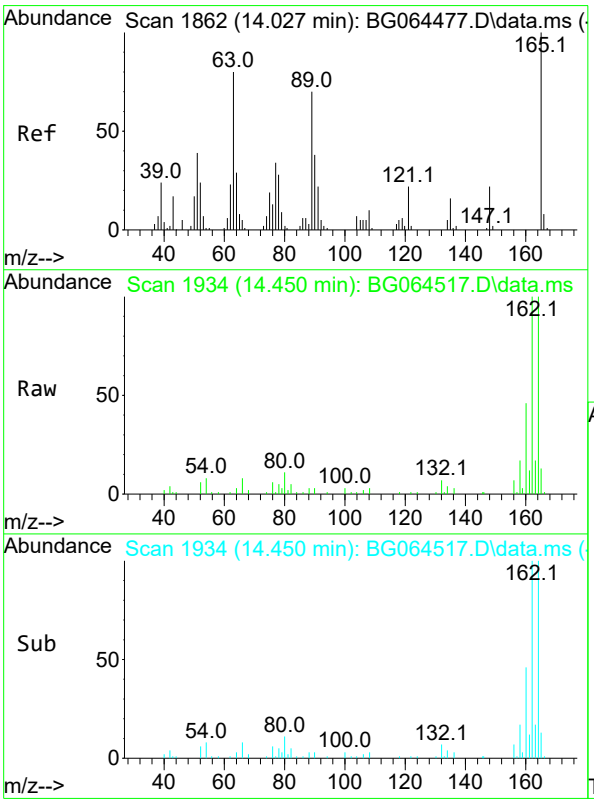
#45
2-Fluorobiphenyl
Concen: 95.24 ng
RT: 13.070 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Tgt Ion:172 Resp: 284117

Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.6	44.4
170	25.4	20.2	30.2

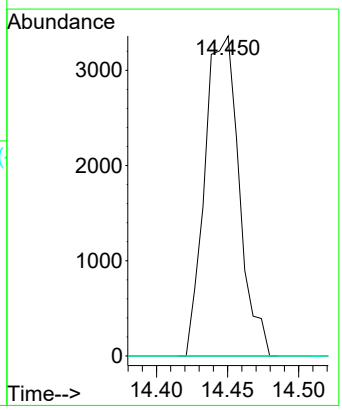


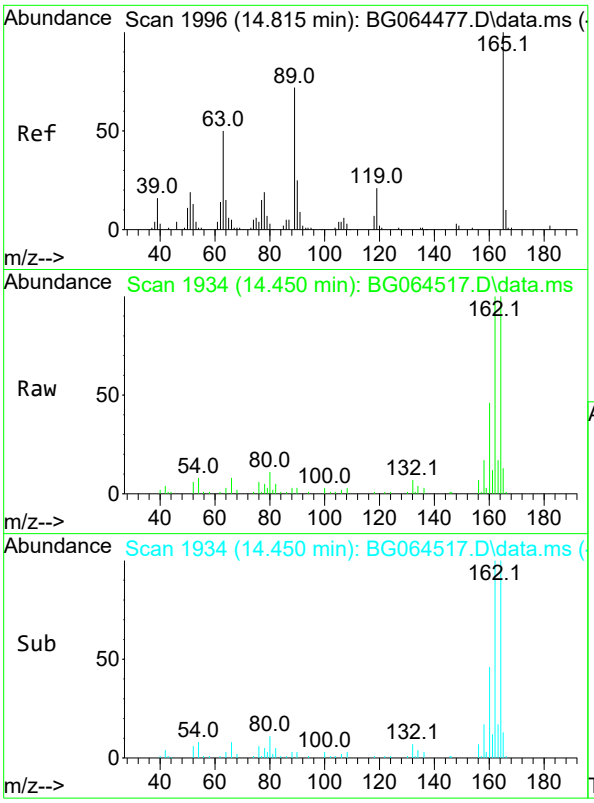


#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 14.450 min Scan# 1934
Delta R.T. 0.431 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion:165 Resp: 5644

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	0.0	56.1	84.1#



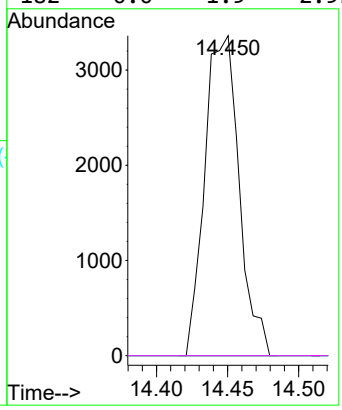


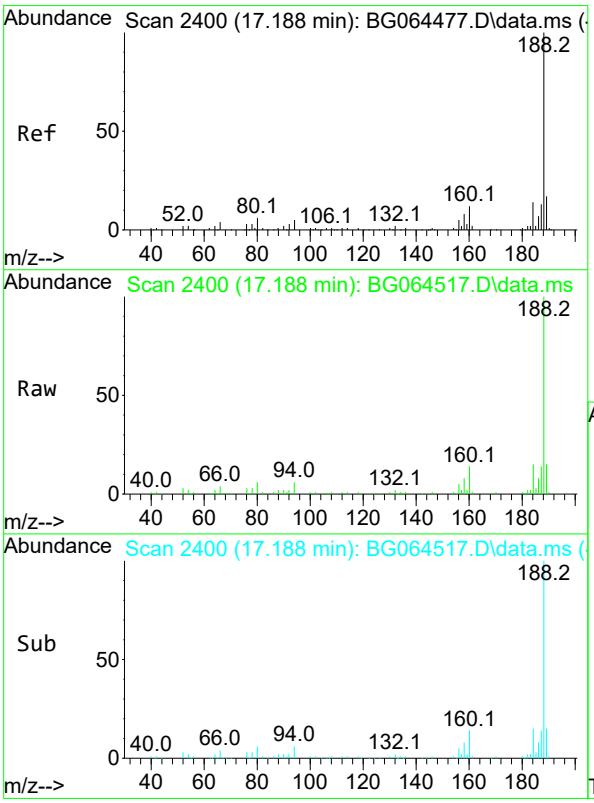
#57
2,4-Dinitrotoluene
Concen: 5.15 ng
RT: 14.450 min Scan# 1
Delta R.T. -0.362 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Tgt Ion:165 Resp: 5644

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	0.0	57.3	85.9#
182	0.0	1.9	2.9#

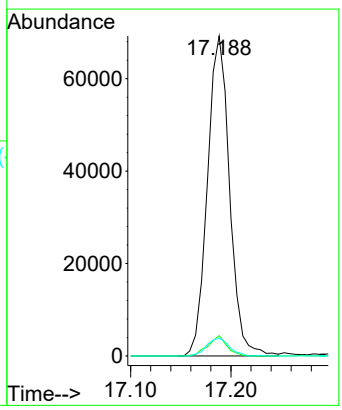


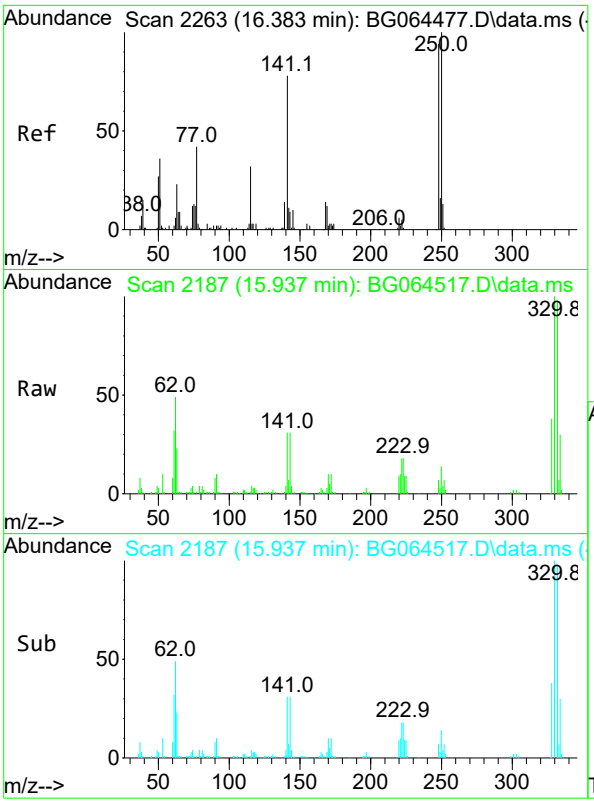


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion:188 Resp: 106337

Ion	Ratio	Lower	Upper
188	100		
94	6.3	3.7	5.5#
80	5.6	4.5	6.7



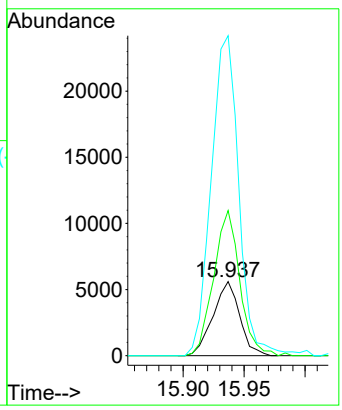


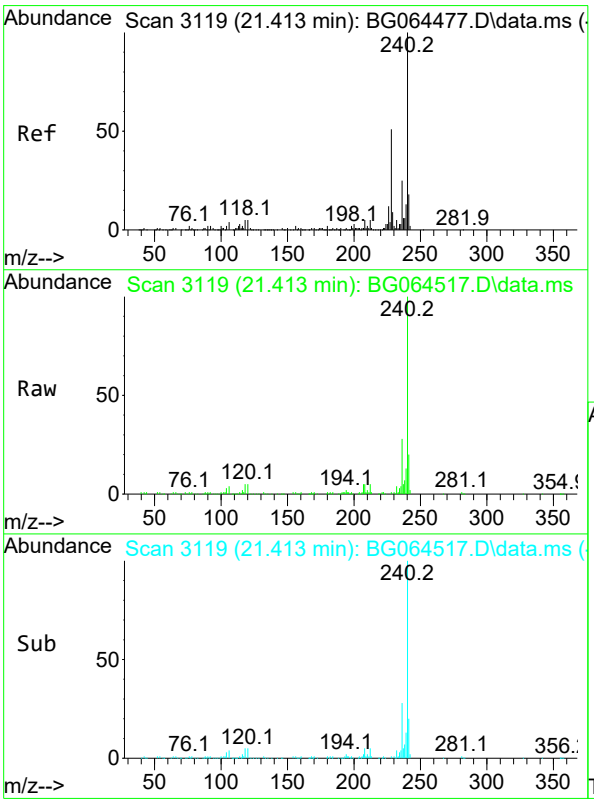
#67
4-Bromophenyl-phenylether
Concen: 6.80 ng
RT: 15.937 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Tgt Ion:248 Resp: 8511

Ion	Ratio	Lower	Upper
248	100		
250	196.0	85.3	127.9#
141	432.2	66.2	99.2#

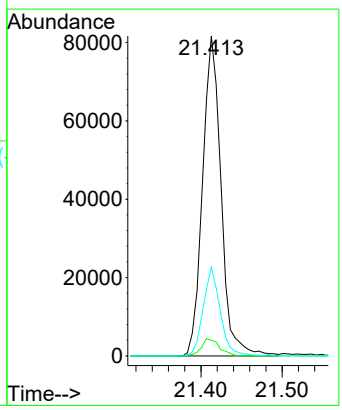


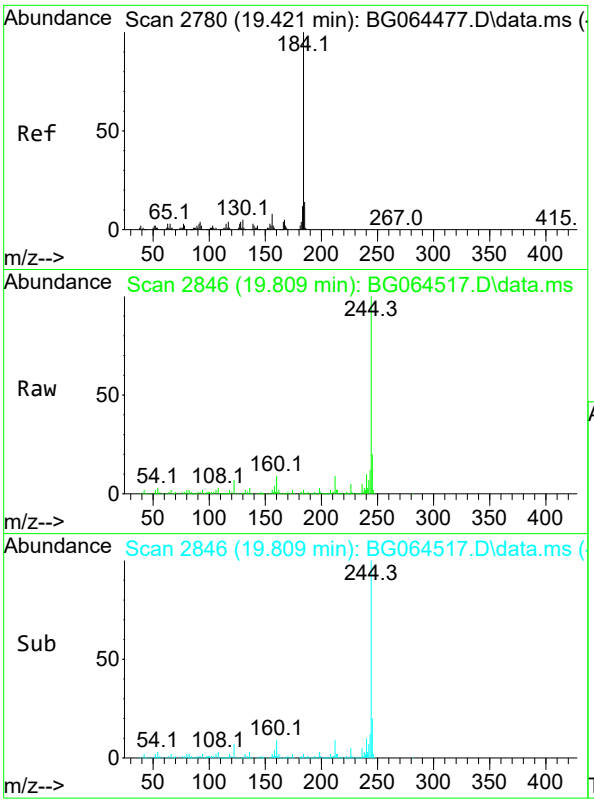


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion:240 Resp: 129197

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.3	6.5
236	27.8	20.4	30.6



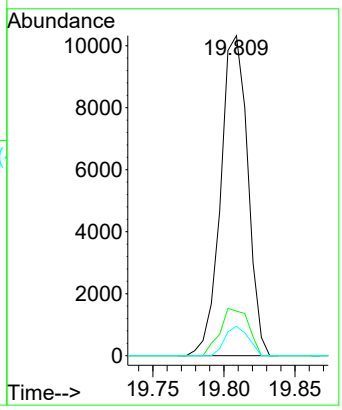


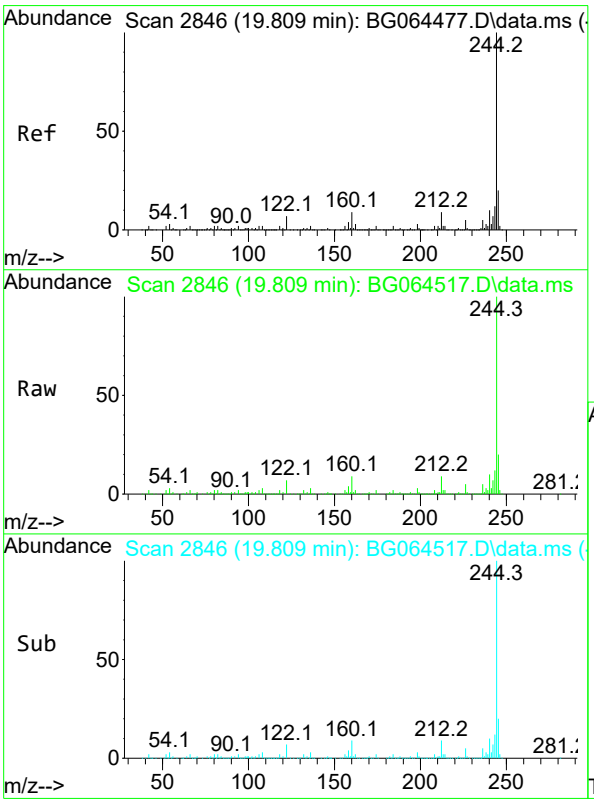
#77
Benzidine
Concen: 4.25 ng
RT: 19.809 min Scan# 2
Delta R.T. 0.384 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Tgt Ion:184 Resp: 13654

Ion	Ratio	Lower	Upper
184	100		
185	13.9	10.9	16.3
183	9.2	9.8	14.6#

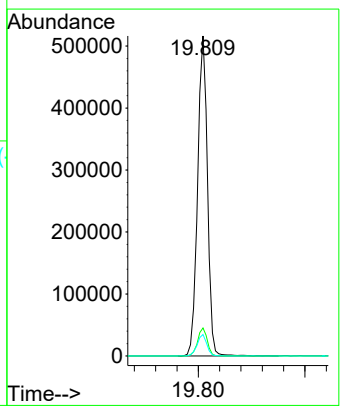


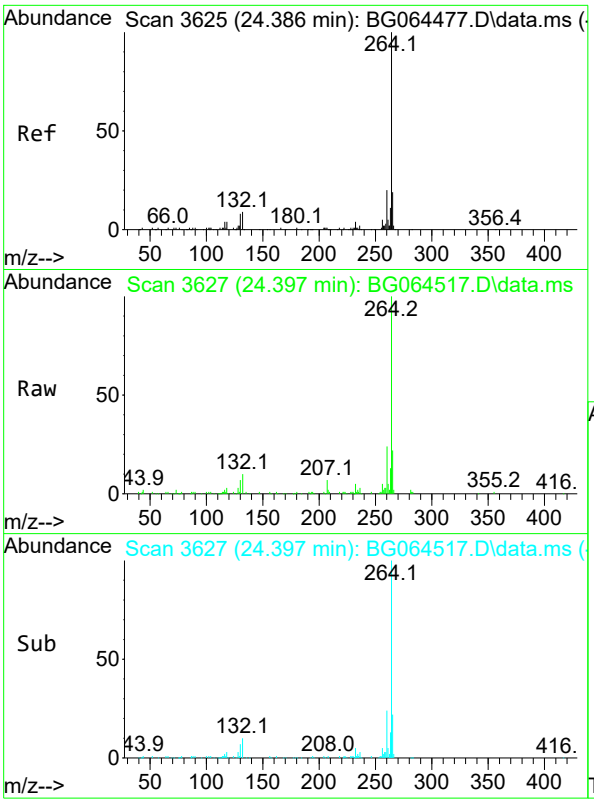


#79
Terphenyl-d14
Concen: 96.96 ng
RT: 19.809 min Scan# 2846
Delta R.T. 0.002 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Tgt Ion:244 Resp: 661947

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	6.7	5.6	8.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.397 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG064517.D
Acq: 16 Oct 2025 15:34

Instrument :
BNA_G
ClientSampleId :
PB170133BL

Tgt Ion:264 Resp: 136933

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.2	24.4
265	22.5	15.0	22.4#