Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064502.D
Acq On : 14 Oct 2025 16:12
Operator : RC/JU
Sample : Q3321-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Quant Time: Oct 14 16:54:53 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	7.824	152	17336	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	67622	20.000	ng	0.00
39) Acenaphthene-d10	14.446	164	47788	20.000	ng	0.00
64) Phenanthrene-d10	17.190	188	118948	20.000	ng	0.00
76) Chrysene-d12	21.408	240	144130	20.000	ng	0.00
86) Perylene-d12	24.387	264	157782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.415	112	146708	156.616	ng	0.00
7) Phenol-d6	7.001	99	171559	136.286	ng	0.02
23) Nitrobenzene-d5	8.976	82	135593	107.817	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	143137	165.242	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	346389	106.842	ng	0.00
79) Terphenyl-d14	19.804	244	774254	101.663	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.976	70	20926	24.856	ng	# 79
51) 2,6-Dinitrotoluene	14.446	165	6445	8.266	ng	# 12
57) 2,4-Dinitrotoluene	14.446	165	6445	5.408	ng	# 21
67) 4-Bromophenyl-phenylether	15.938	248	9585	6.848	ng	# 1
77) Benzidine	19.804	184	15525	4.329	ng	# 93

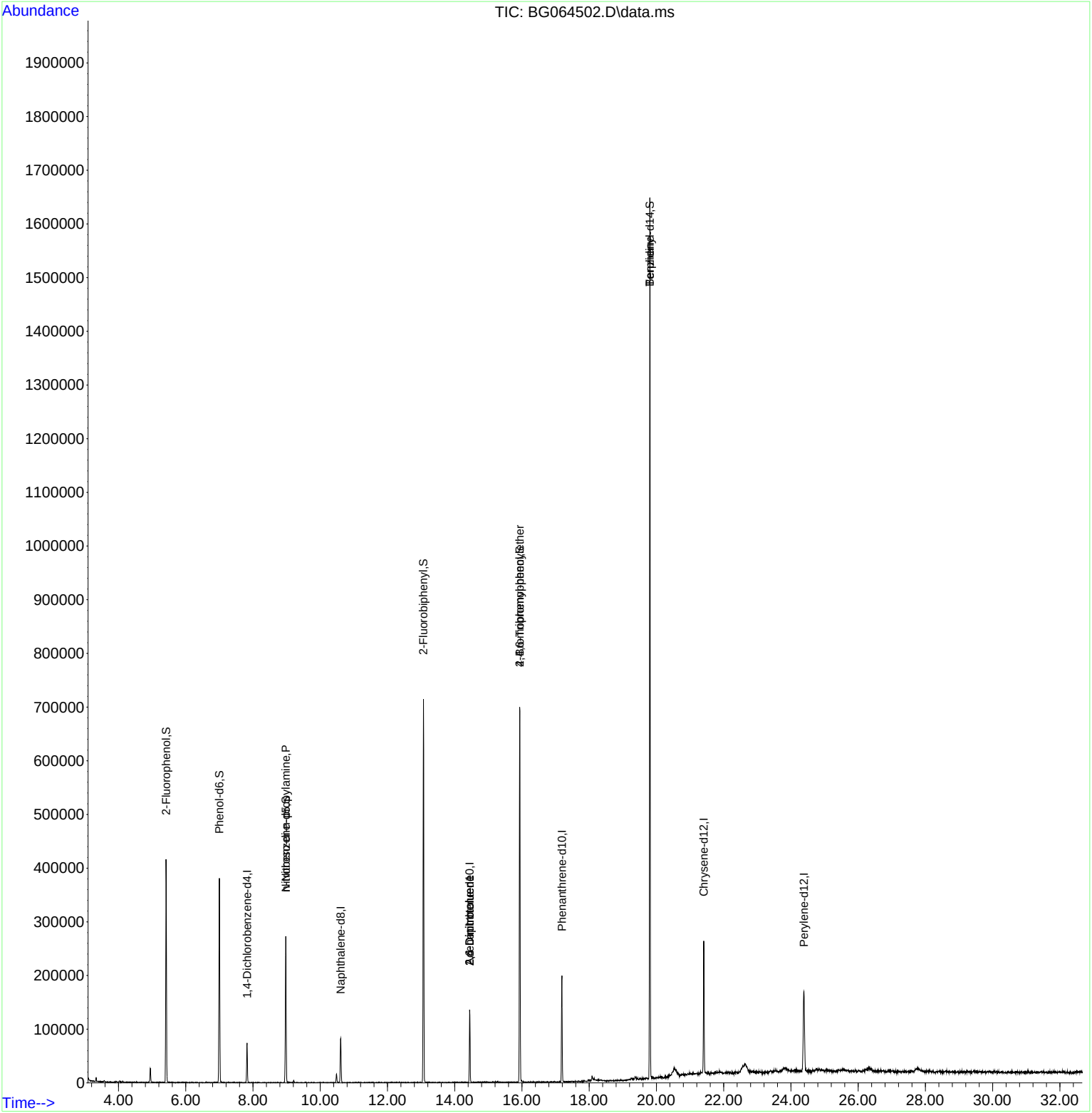
(#) = qualifier out of range (m) = manual integration (+) = signals summed

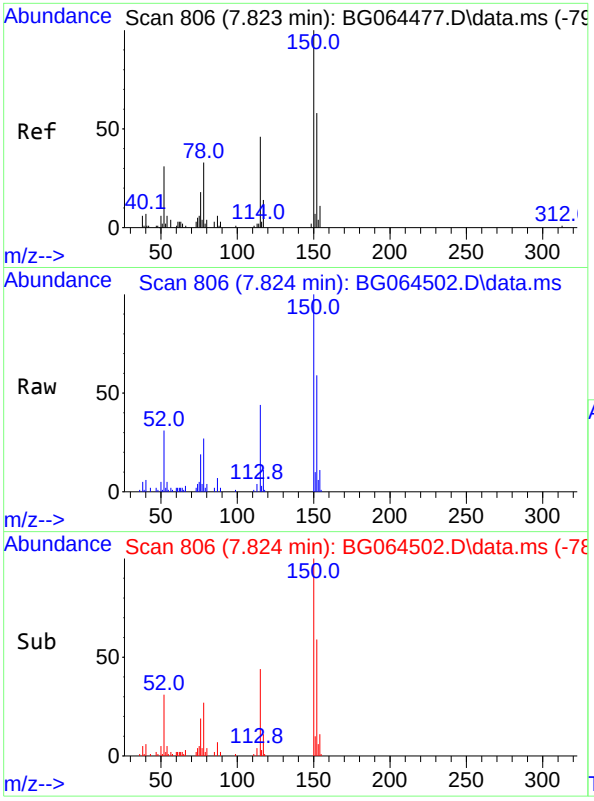
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064502.D
Acq On : 14 Oct 2025 16:12
Operator : RC/JU
Sample : Q3321-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Quant Time: Oct 14 16:54:53 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



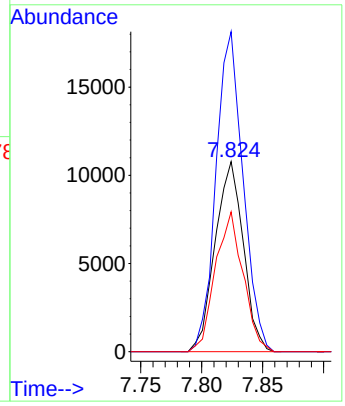


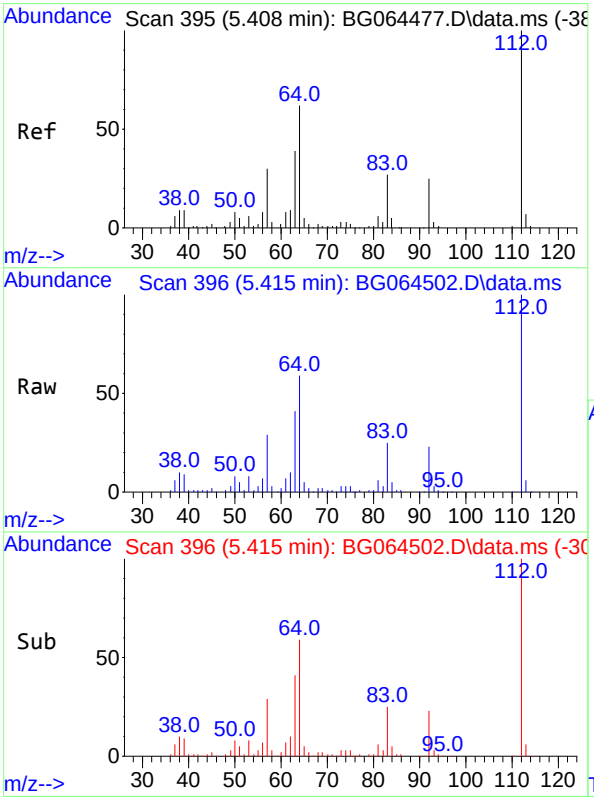
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.824 min Scan# 8
Delta R.T. 0.004 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Tgt Ion:152 Resp: 17336

Ion	Ratio	Lower	Upper
152	100		
150	168.3	138.6	207.8
115	73.5	63.4	95.2

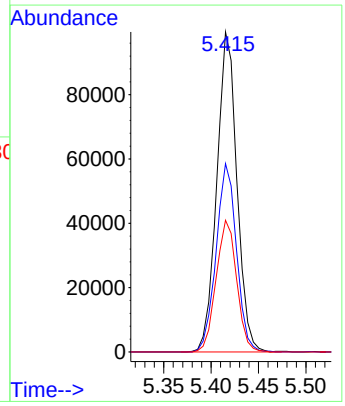


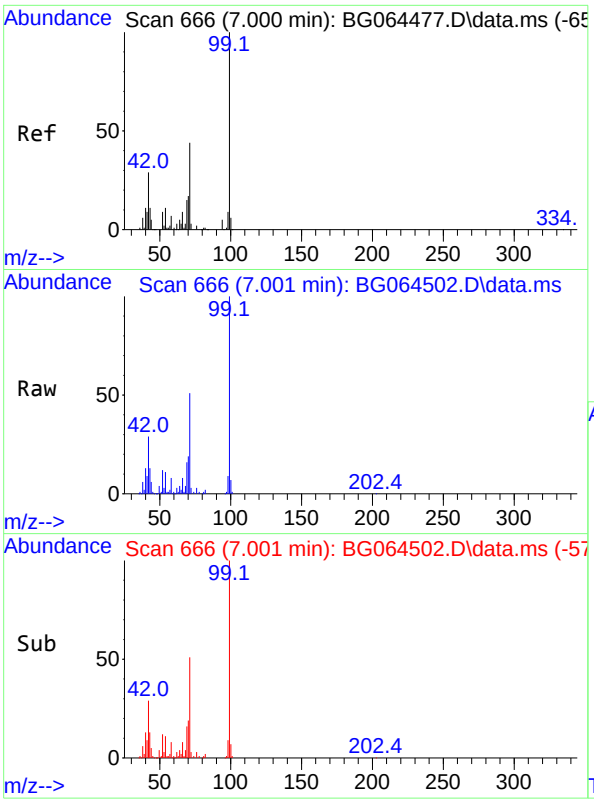


#5
2-Fluorophenol
Concen: 156.616 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion:112 Resp: 146708

Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.8	74.8
63	41.1	31.3	46.9



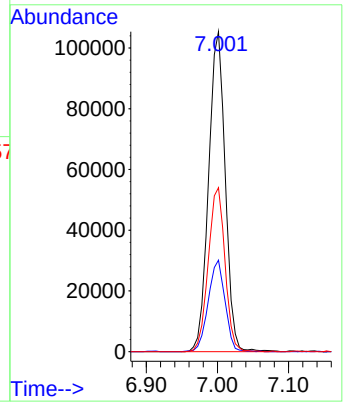


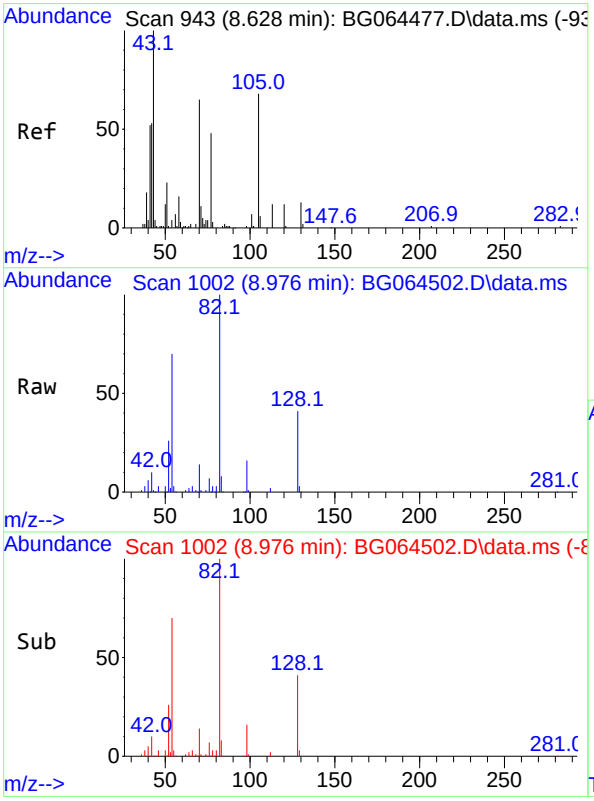
#7
Phenol-d6
Concen: 136.286 ng
RT: 7.001 min Scan# 6
Delta R.T. 0.015 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Tgt Ion: 99 Resp: 171559

Ion	Ratio	Lower	Upper
99	100		
42	28.6	22.9	34.3
71	51.3	35.4	53.2

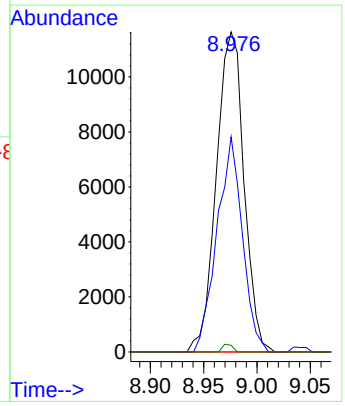


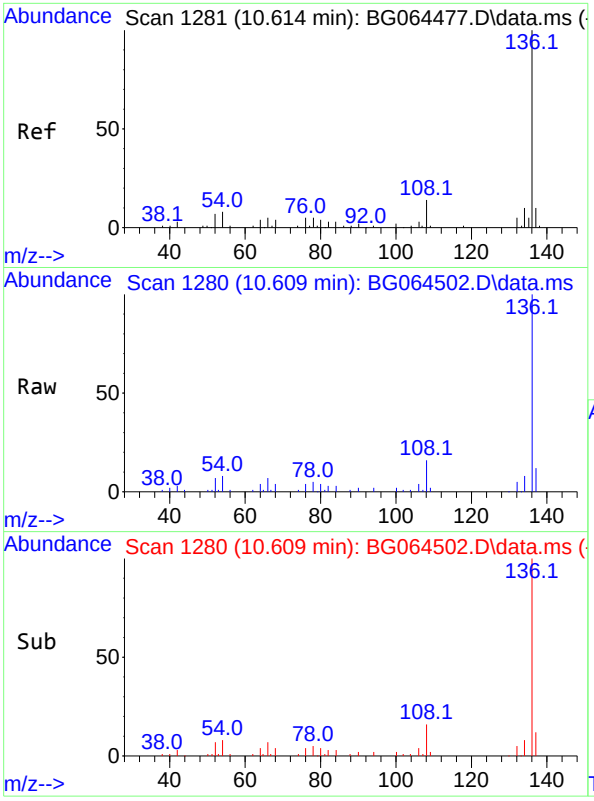


#19
n-Nitroso-di-n-propylamine
Concen: 24.856 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.362 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion: 70 Resp: 20926

Ion	Ratio	Lower	Upper
70	100		
42	67.2	64.9	97.3
101	0.0	8.7	13.1#
130	2.1	15.8	23.8#



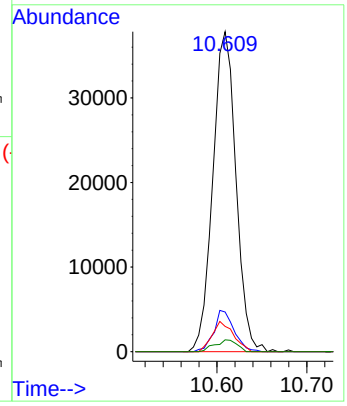


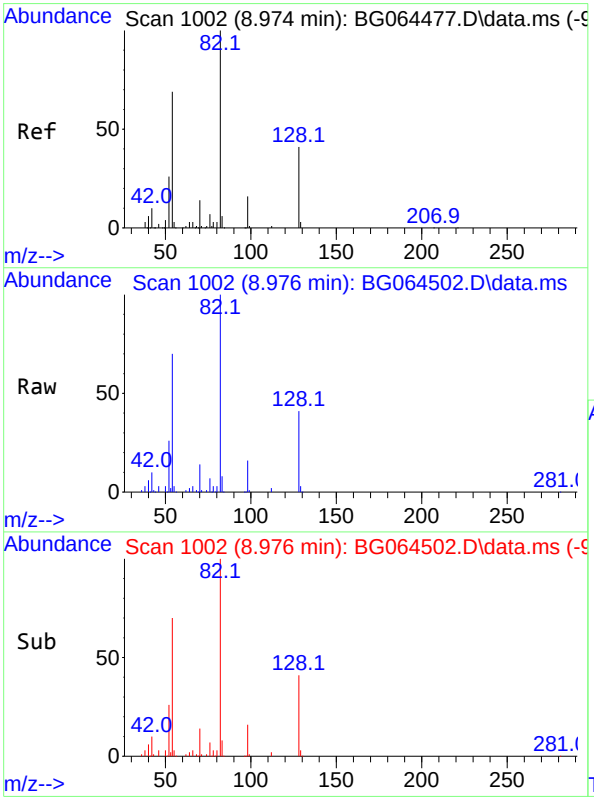
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Tgt Ion:136 Resp: 67622

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.3	12.5
54	7.9	6.2	9.4
68	3.7	3.0	4.4

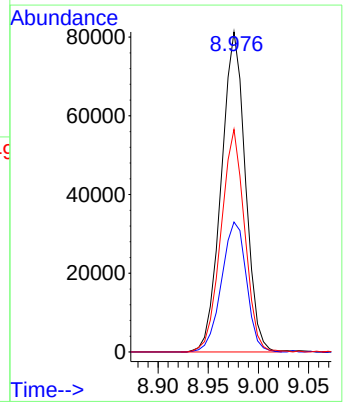


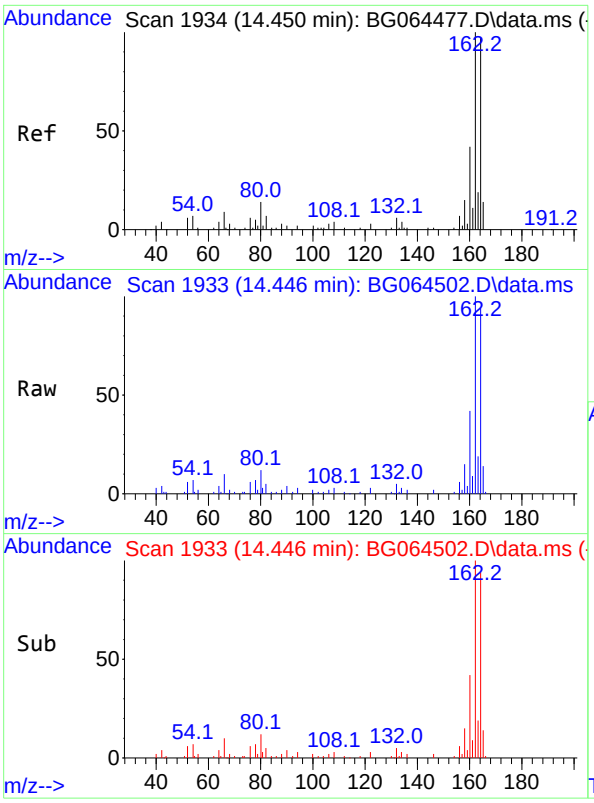


#23
Nitrobenzene-d5
Concen: 107.817 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion: 82 Resp: 135593

Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.1	49.7
54	69.5	55.4	83.2



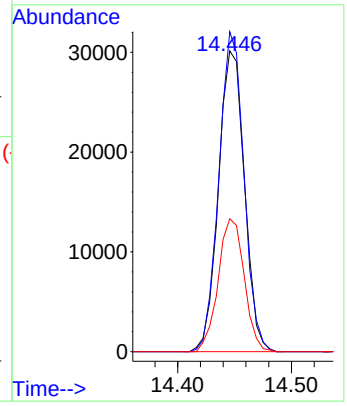


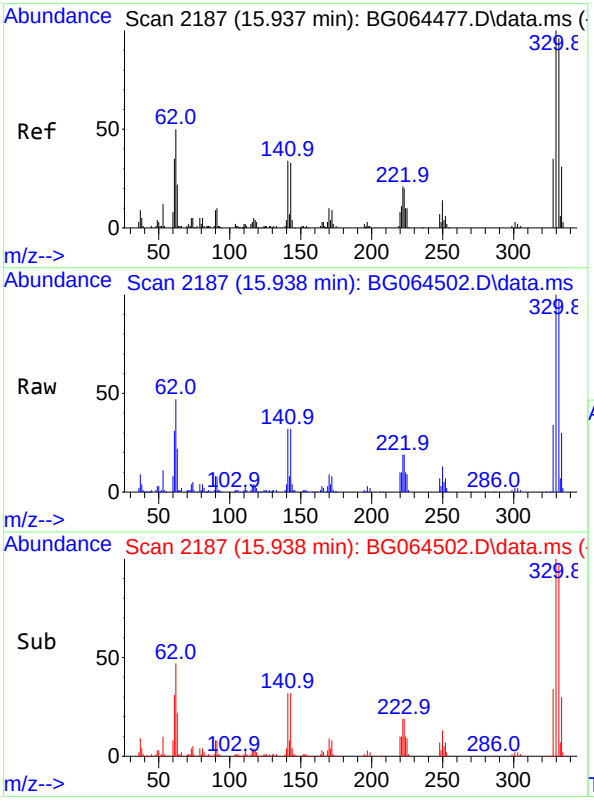
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Tgt Ion:164 Resp: 47788

Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.2	123.2
160	44.2	34.3	51.5

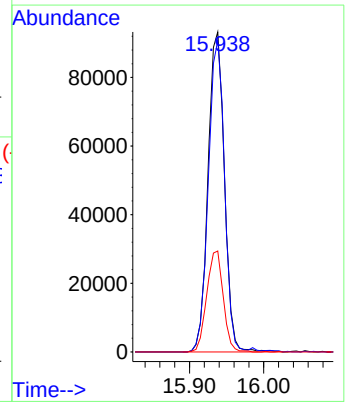


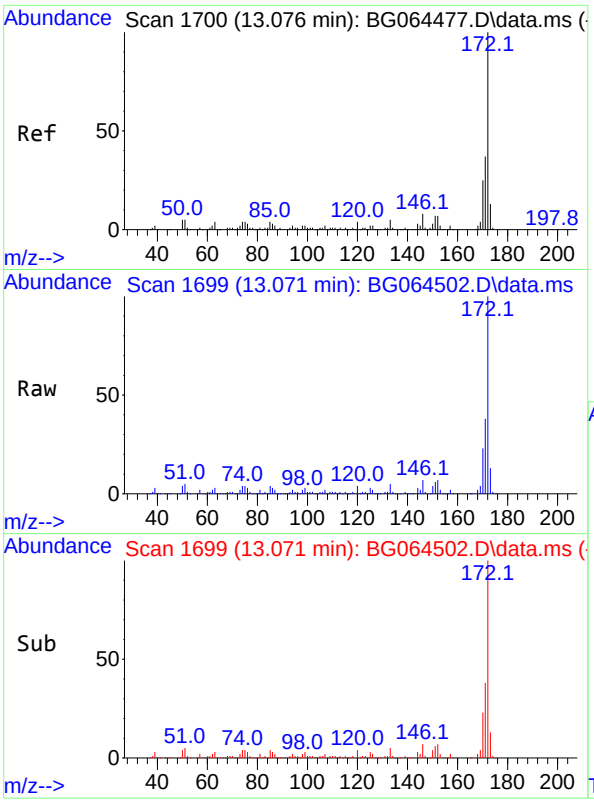


#42
2,4,6-Tribromophenol
Concen: 165.242 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.004 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion:330 Resp: 143137

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	31.9	25.8	38.6



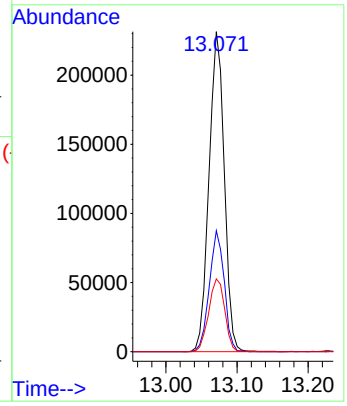


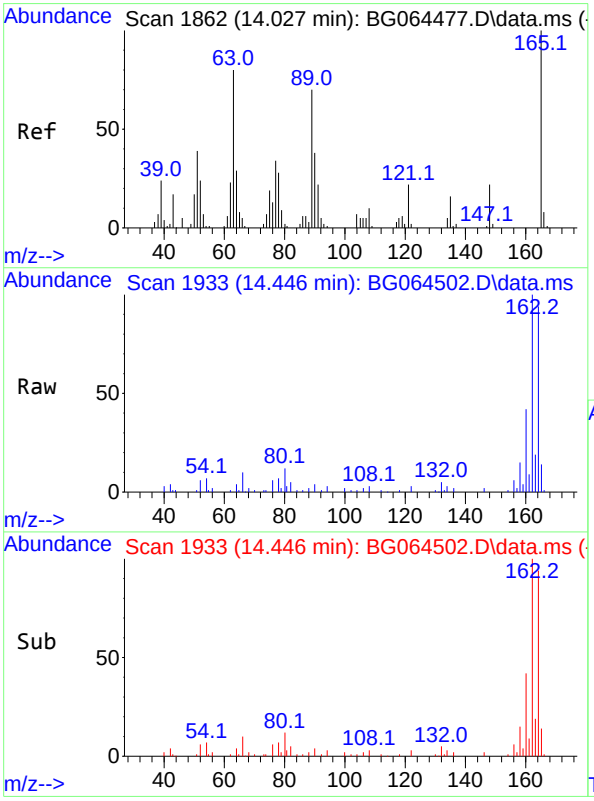
#45
2-Fluorobiphenyl
Concen: 106.842 ng
RT: 13.071 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Tgt Ion:172 Resp: 346389

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.6	44.4
170	22.8	20.2	30.2

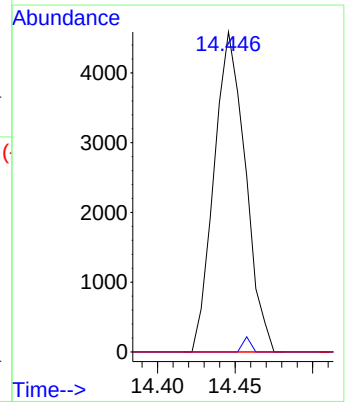


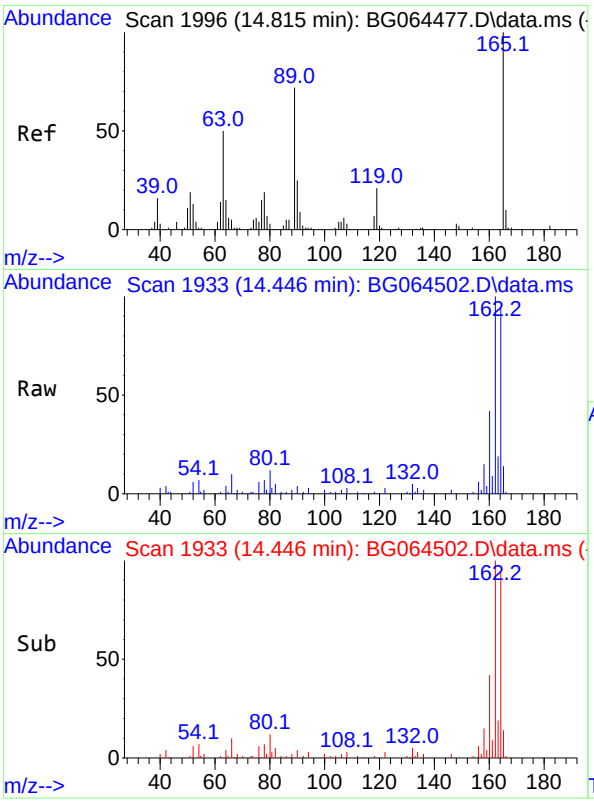


#51
2,6-Dinitrotoluene
Concen: 8.266 ng
RT: 14.446 min Scan# 1933
Delta R.T. 0.427 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion:165 Resp: 6445

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



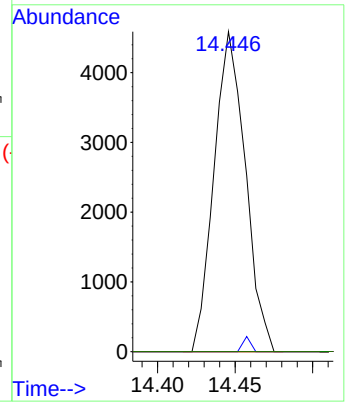


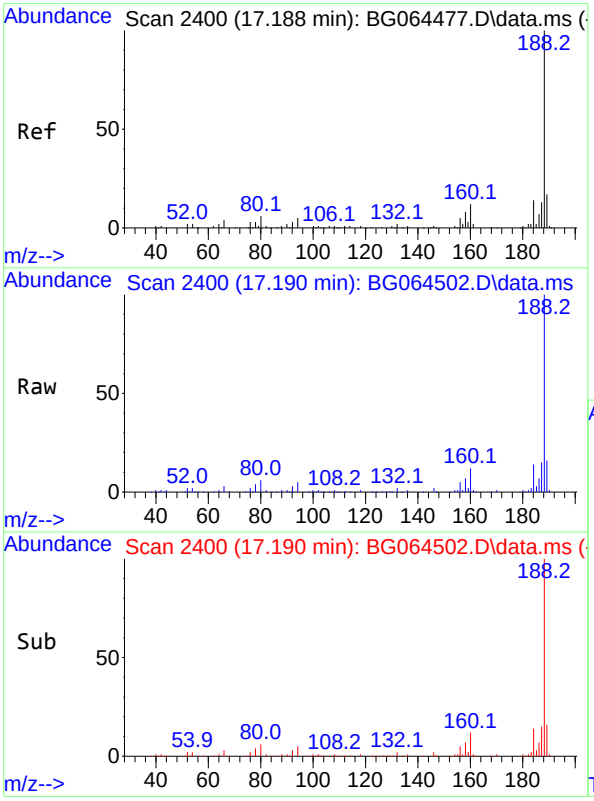
#57
2,4-Dinitrotoluene
Concen: 5.408 ng
RT: 14.446 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Tgt Ion:165 Resp: 6445

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#

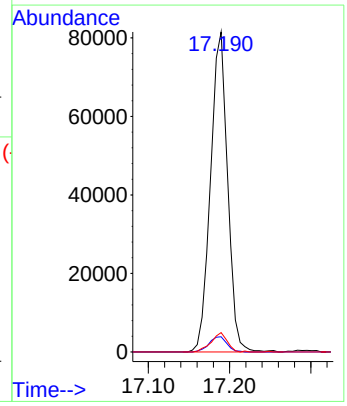


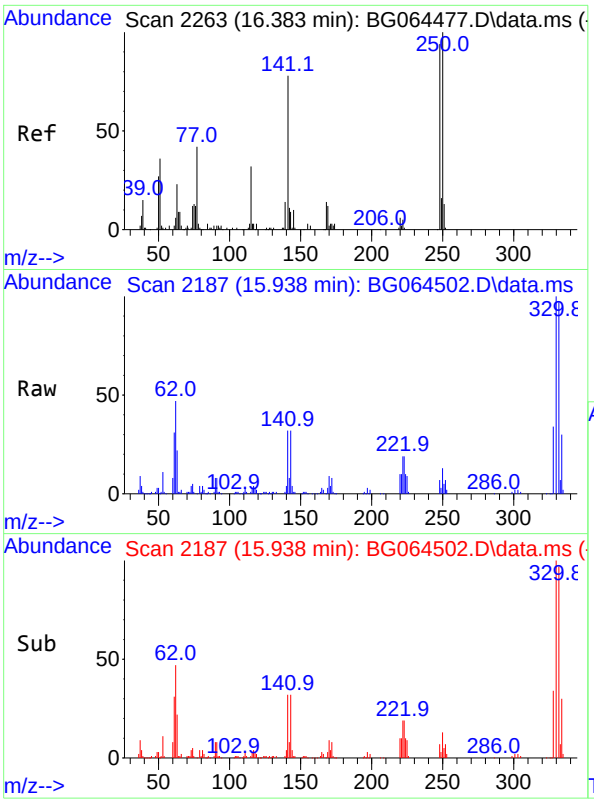


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2400
Delta R.T. 0.004 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion:188 Resp: 118948

Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.7	5.5
80	6.0	4.5	6.7



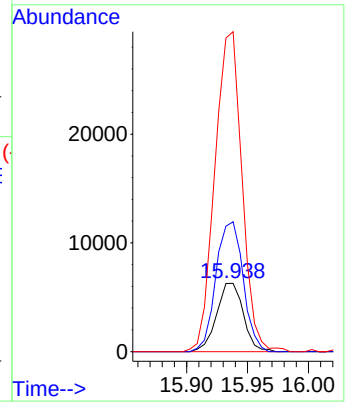


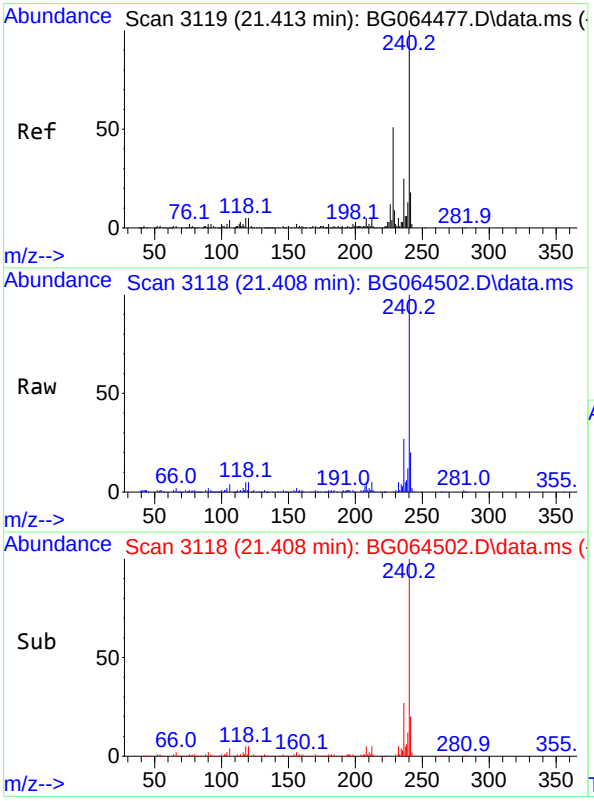
#67
4-Bromophenyl-phenylether
Concen: 6.848 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Tgt Ion:248 Resp: 9585

Ion	Ratio	Lower	Upper
248	100		
250	189.9	85.3	127.9#
141	468.1	66.2	99.2#

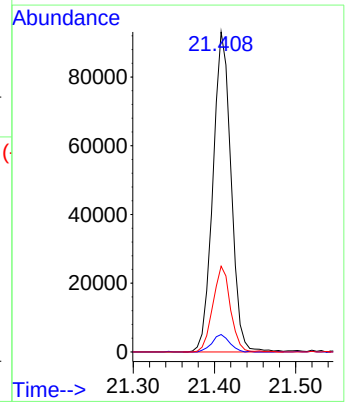


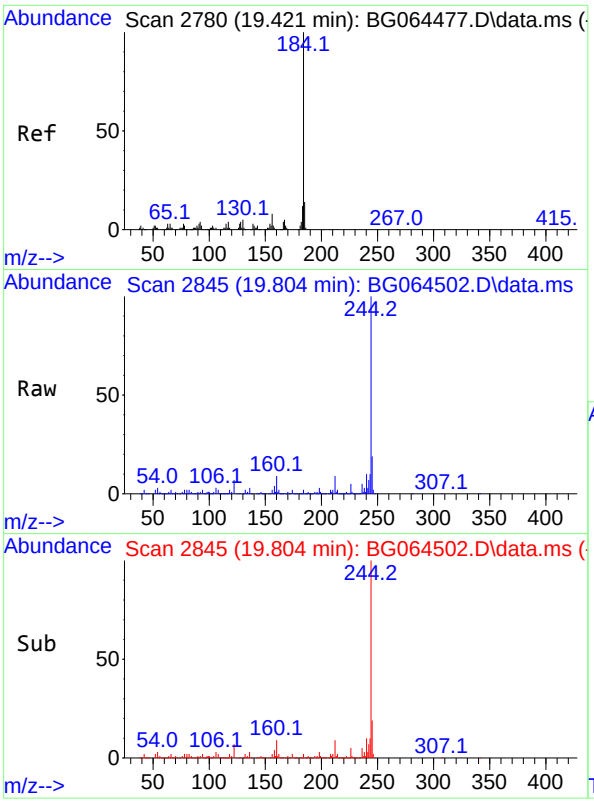


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.408 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion:240 Resp: 144130

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.3	6.5
236	26.8	20.4	30.6



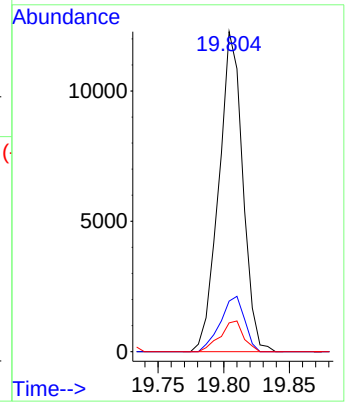


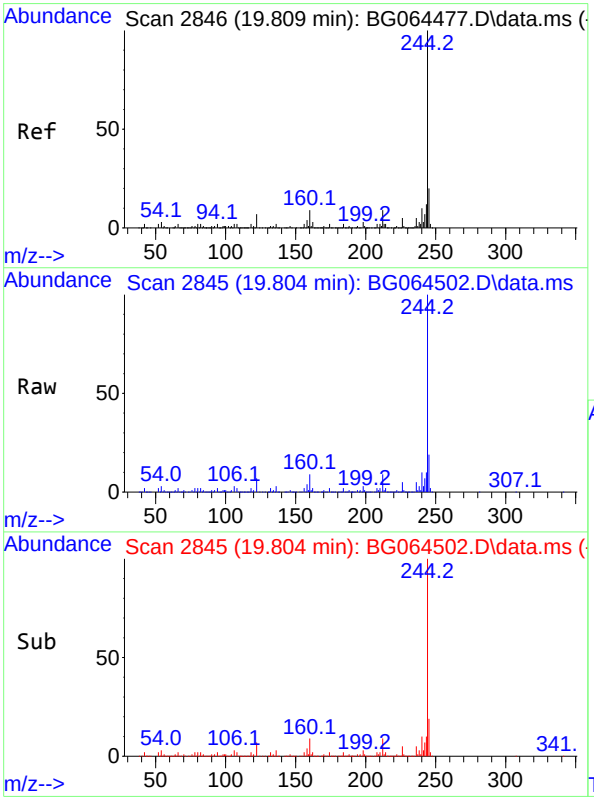
#77
Benzidine
Concen: 4.329 ng
RT: 19.804 min Scan# 2
Delta R.T. 0.379 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Tgt Ion:184 Resp: 15525

Ion	Ratio	Lower	Upper
184	100		
185	15.8	10.9	16.3
183	9.0	9.8	14.6#

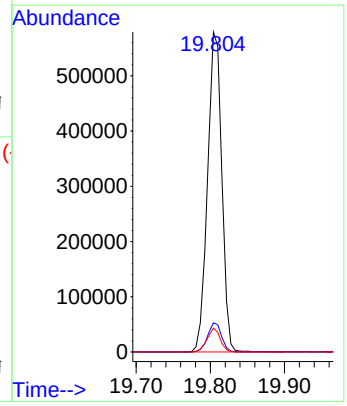


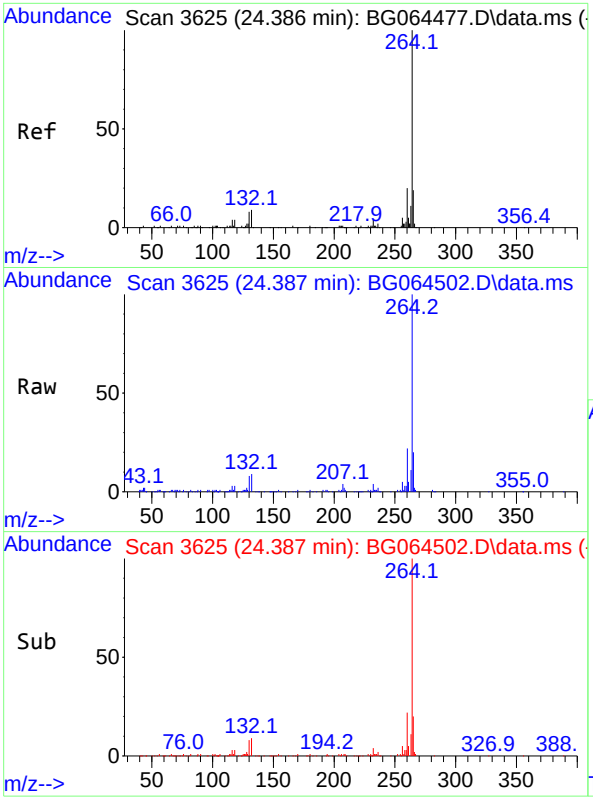


#79
Terphenyl-d14
Concen: 101.663 ng
RT: 19.804 min Scan# 2845
Delta R.T. -0.002 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion:244 Resp: 774254

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	7.5	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.387 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Instrument :
BNA_G
ClientSampleId :
P001-DS-01

Tgt Ion:264 Resp: 157782

Ion	Ratio	Lower	Upper
264	100		
260	22.0	16.2	24.4
265	20.2	15.0	22.4