Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064498.D
Acq On : 14 Oct 2025 12:31
Operator : RC/JU
Sample : PB170080BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170080BL

Quant Time: Oct 14 13:07:58 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	7.826	152	16844	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	64925	20.000	ng	# 0.00
39) Acenaphthene-d10	14.447	164	49607	20.000	ng	0.00
64) Phenanthrene-d10	17.185	188	132934	20.000	ng	0.00
76) Chrysene-d12	21.410	240	151144	20.000	ng	0.00
86) Perylene-d12	24.389	264	163949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	134929	148.249	ng	0.01
7) Phenol-d6	6.997	99	171149	139.931	ng	0.01
23) Nitrobenzene-d5	8.977	82	115105	95.328	ng	0.01
42) 2,4,6-Tribromophenol	15.940	330	136926	152.276	ng	0.00
45) 2-Fluorobiphenyl	13.072	172	313818	93.247	ng	0.00
79) Terphenyl-d14	19.812	244	772815	96.765	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.977	70	17510	21.406	ng	# 79
51) 2,6-Dinitrotoluene	14.447	165	6875	8.495	ng	# 12
57) 2,4-Dinitrotoluene	14.447	165	6875	5.557	ng	# 21
67) 4-Bromophenyl-phenylether	15.940	248	9665	6.178	ng	# 1
77) Benzidine	19.806	184	14413	3.832	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064498.D
Acq On : 14 Oct 2025 12:31
Operator : RC/JU
Sample : PB170080BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
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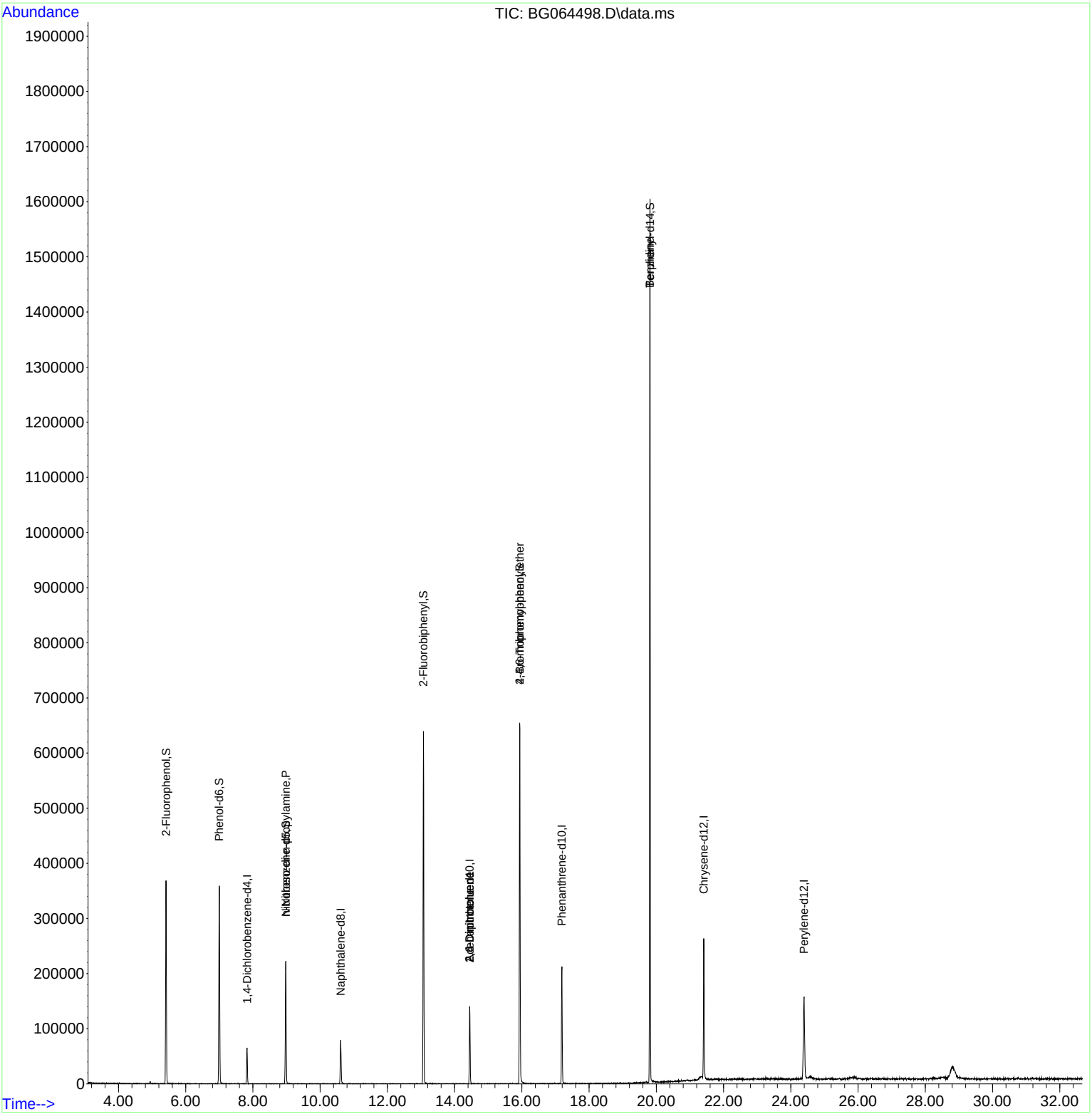
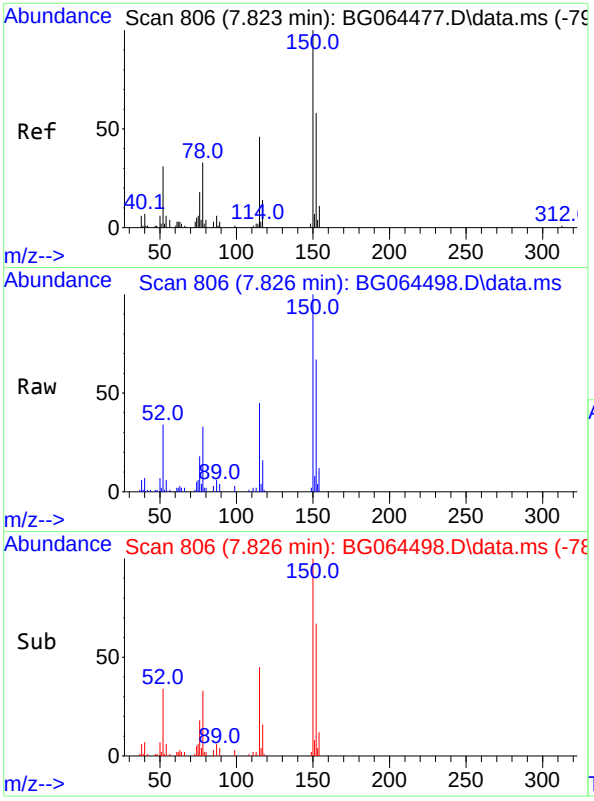
Quant Time: Oct 14 13:07:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



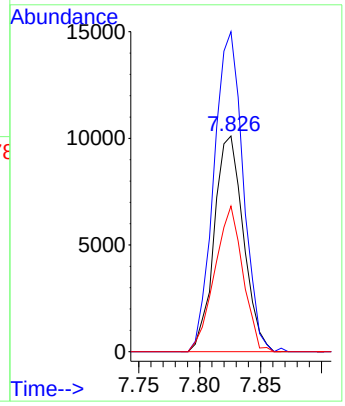


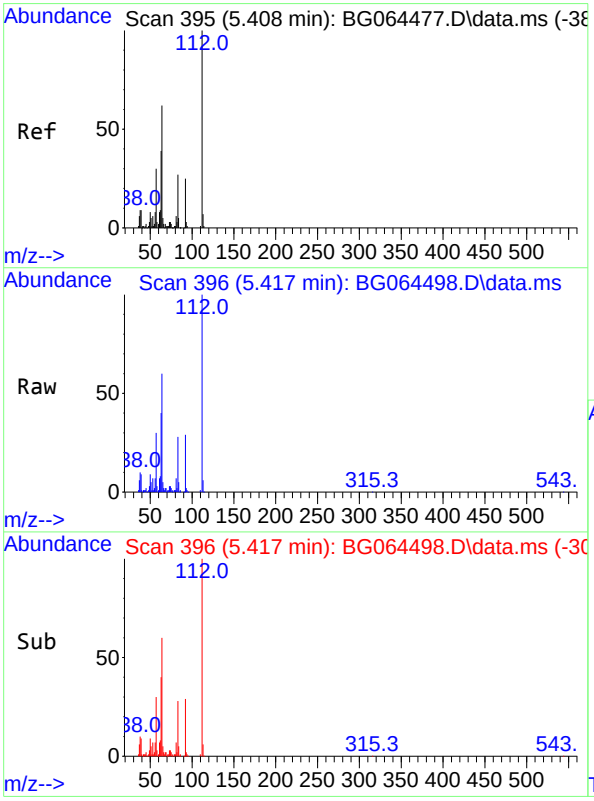
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.826 min Scan# 8(
Delta R.T. 0.006 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Instrument :
BNA_G
ClientSampleId :
PB170080BL

Tgt Ion:152 Resp: 16844

Ion	Ratio	Lower	Upper
152	100		
150	148.4	138.6	207.8
115	67.5	63.4	95.2

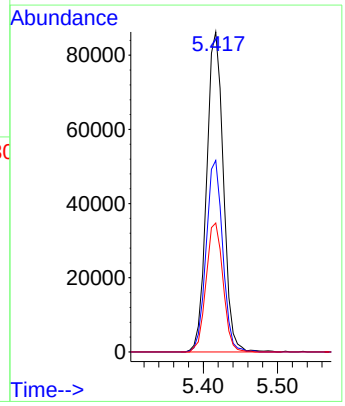


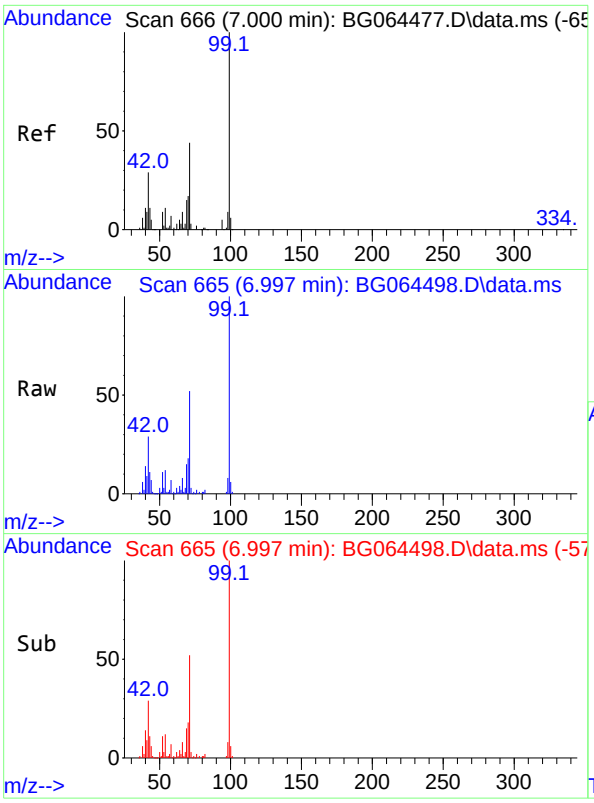


#5
2-Fluorophenol
Concen: 148.249 ng
RT: 5.417 min Scan# 396
Delta R.T. 0.011 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Tgt Ion:112 Resp: 134929

Ion	Ratio	Lower	Upper
112	100		
64	59.8	49.8	74.8
63	40.3	31.3	46.9



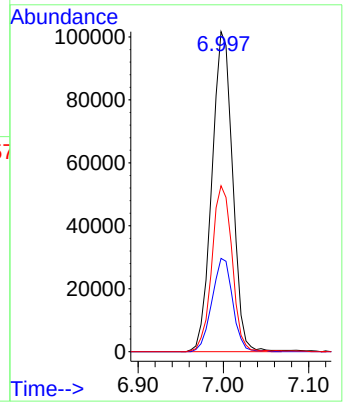


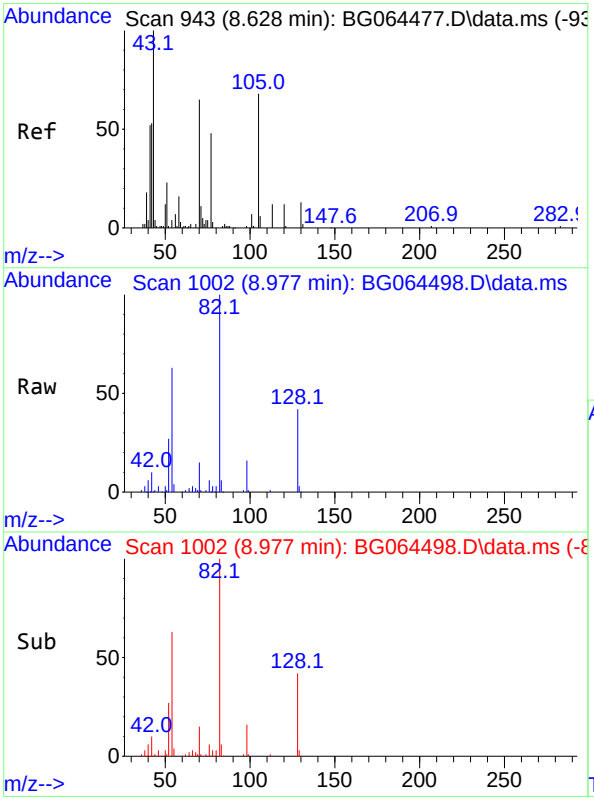
#7
Phenol-d6
Concen: 139.931 ng
RT: 6.997 min Scan# 6
Delta R.T. 0.011 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Instrument :
BNA_G
ClientSampleId :
PB170080BL

Tgt Ion: 99 Resp: 171149

Ion	Ratio	Lower	Upper
99	100		
42	29.1	22.9	34.3
71	51.8	35.4	53.2

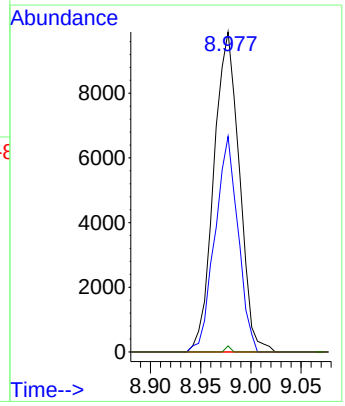


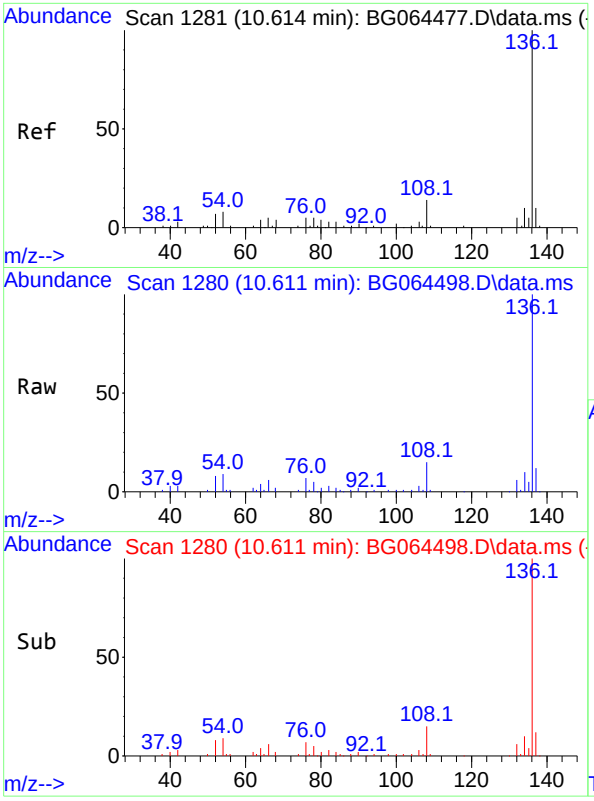


#19
n-Nitroso-di-n-propylamine
Concen: 21.406 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.364 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Tgt Ion: 70 Resp: 17510

Ion	Ratio	Lower	Upper
70	100		
42	67.4	64.9	97.3
101	0.0	8.7	13.1#
130	1.9	15.8	23.8#



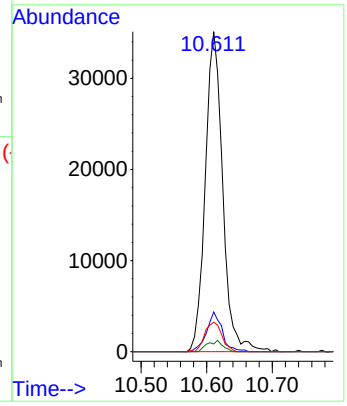


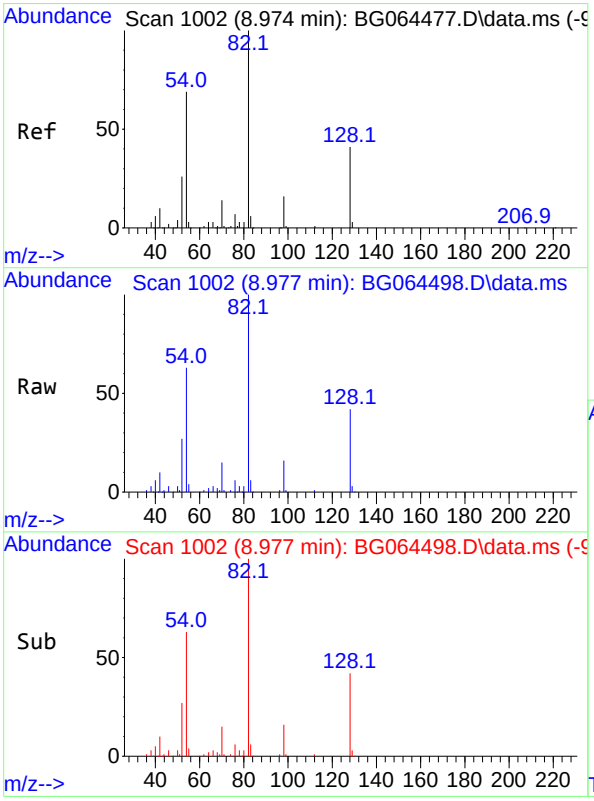
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Instrument :
BNA_G
ClientSampleId :
PB170080BL

Tgt Ion:136 Resp: 64925

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.3	12.5
54	9.2	6.2	9.4
68	2.4	3.0	4.4#

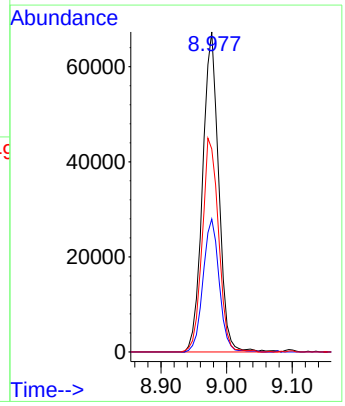


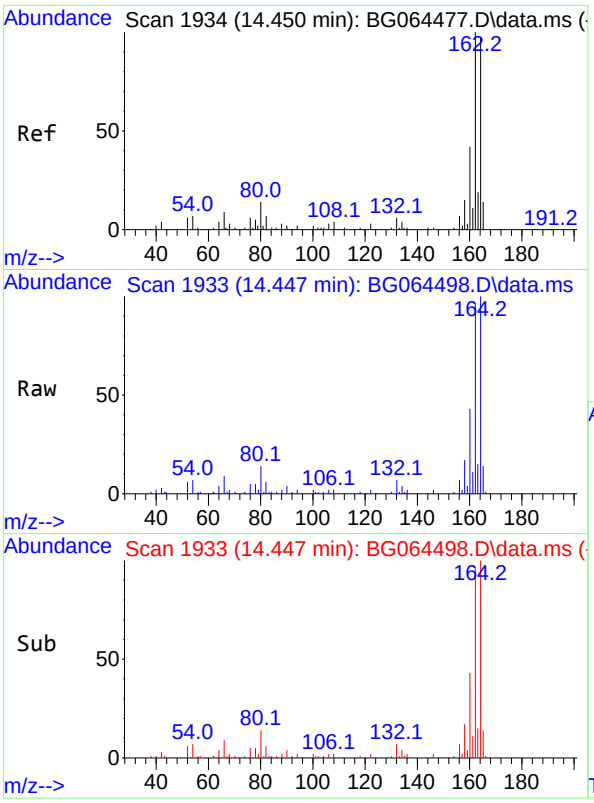


#23
Nitrobenzene-d5
Concen: 95.328 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.011 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Tgt Ion: 82 Resp: 115105

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.1	49.7
54	63.5	55.4	83.2



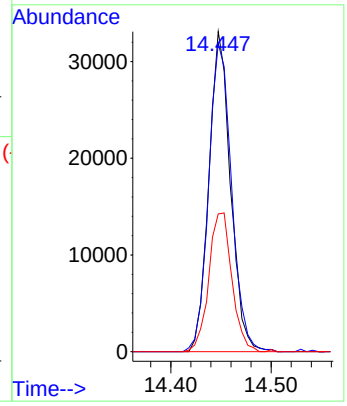


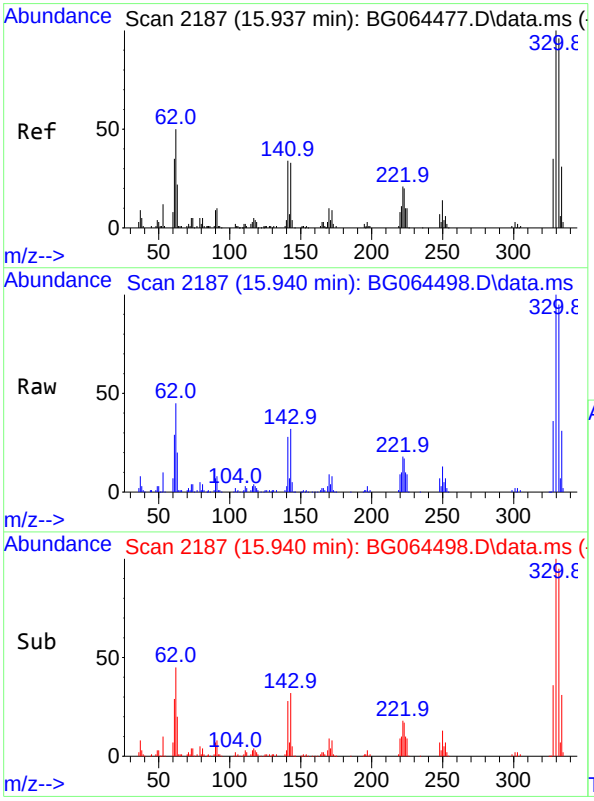
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.447 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Instrument :
BNA_G
ClientSampleId :
PB170080BL

Tgt Ion:164 Resp: 49607

Ion	Ratio	Lower	Upper
164	100		
162	96.3	82.2	123.2
160	43.0	34.3	51.5

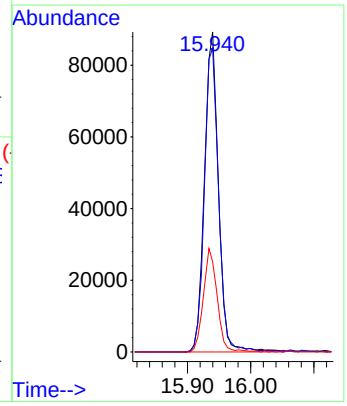


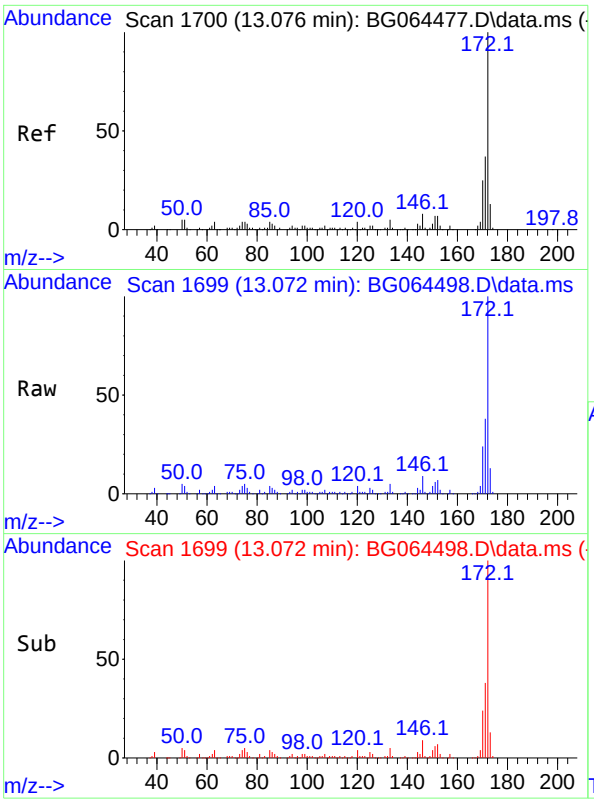


#42
2,4,6-Tribromophenol
Concen: 152.276 ng
RT: 15.940 min Scan# 2187
Delta R.T. 0.005 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Tgt Ion:330 Resp: 136926

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	31.8	25.8	38.6



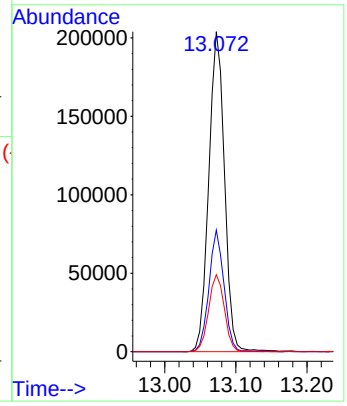


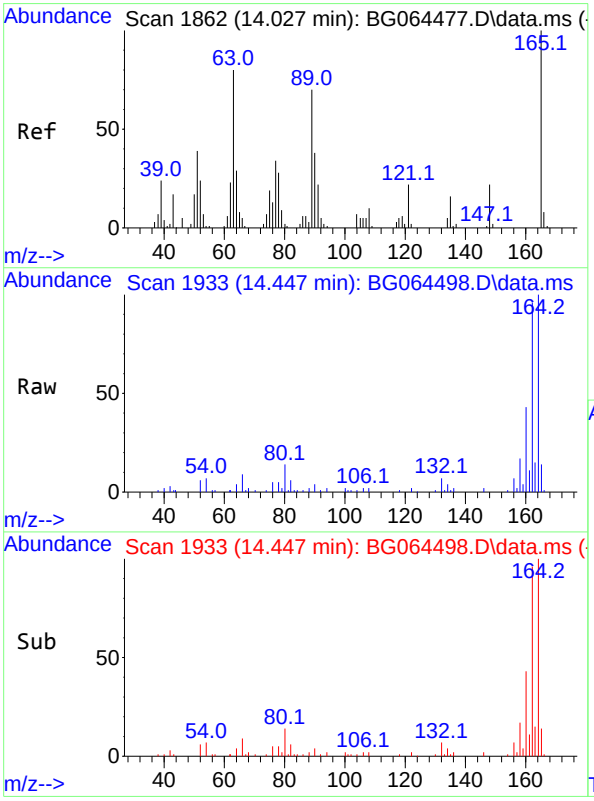
#45
2-Fluorobiphenyl
Concen: 93.247 ng
RT: 13.072 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Instrument :
BNA_G
ClientSampleId :
PB170080BL

Tgt Ion:172 Resp: 313818

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.6	44.4
170	24.1	20.2	30.2

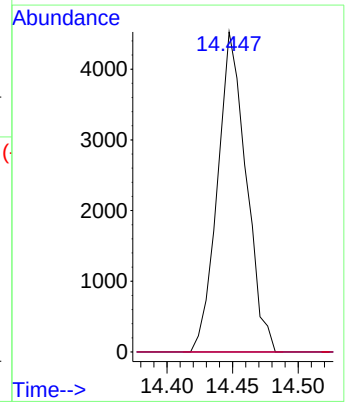


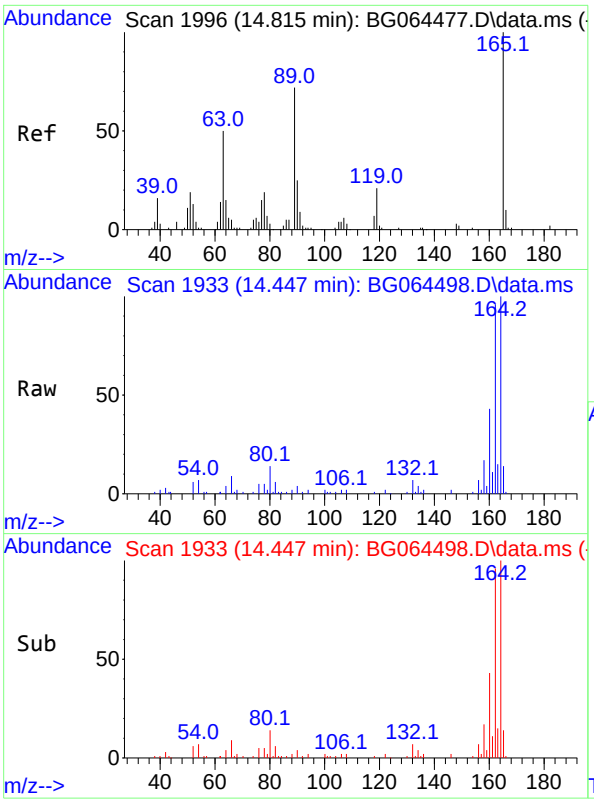


#51
2,6-Dinitrotoluene
Concen: 8.495 ng
RT: 14.447 min Scan# 1933
Delta R.T. 0.428 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Tgt Ion:165 Resp: 6875

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



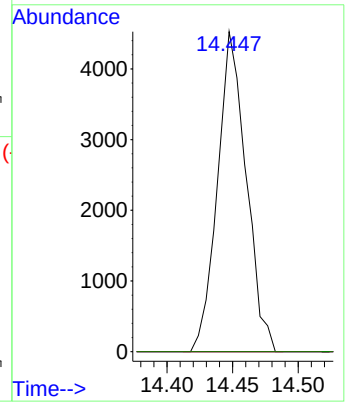


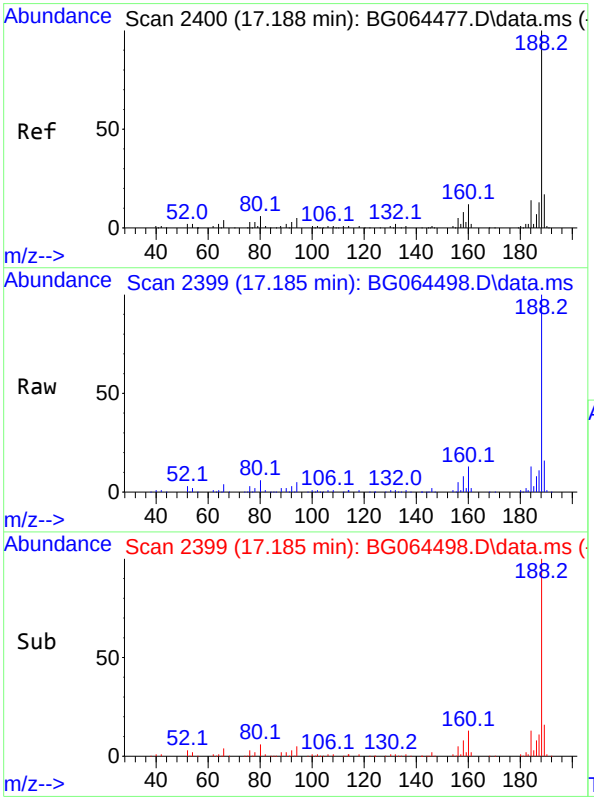
#57
2,4-Dinitrotoluene
Concen: 5.557 ng
RT: 14.447 min Scan# 1
Delta R.T. -0.365 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Instrument :
BNA_G
ClientSampleId :
PB170080BL

Tgt Ion:165 Resp: 6875

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#

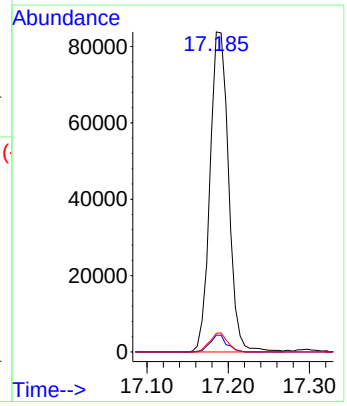


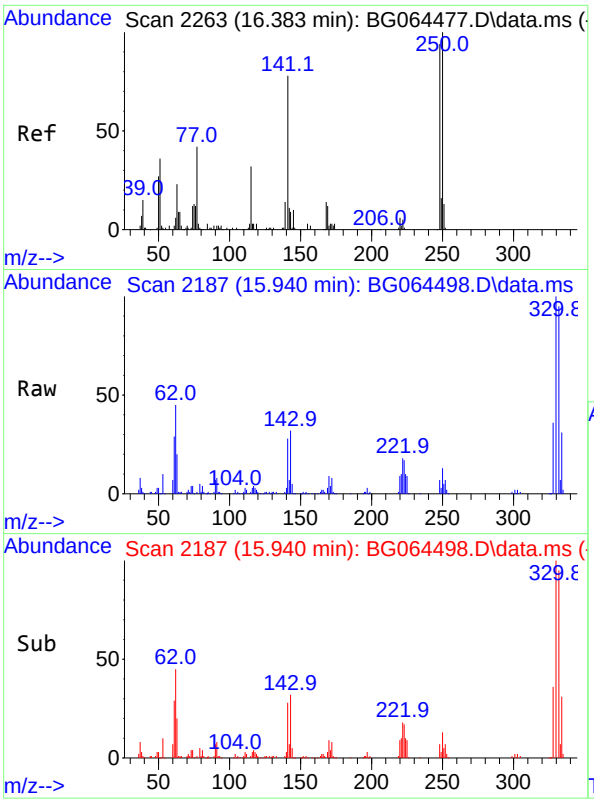


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.185 min Scan# 2399
Delta R.T. -0.001 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Tgt Ion:188 Resp: 132934

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.7	5.5
80	5.8	4.5	6.7



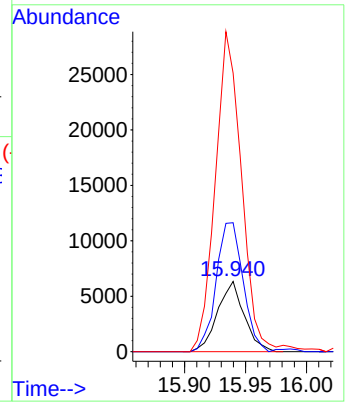


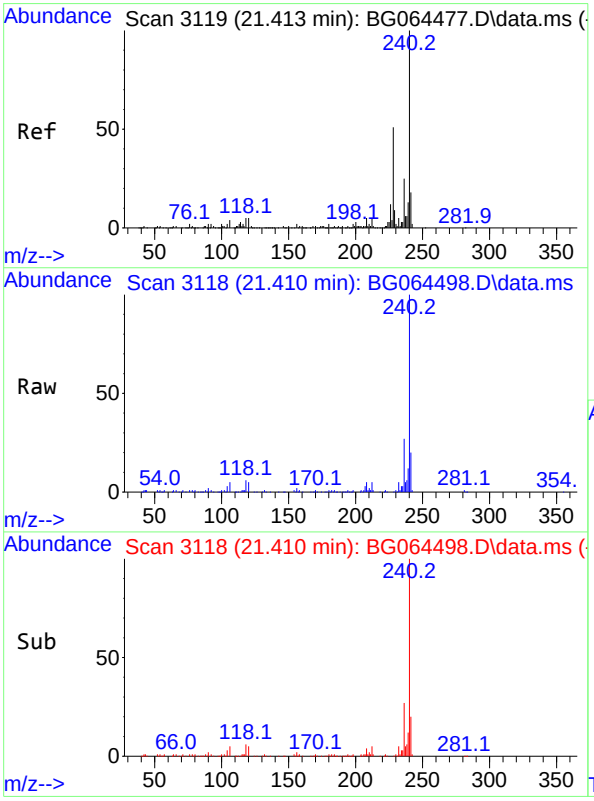
#67
4-Bromophenyl-phenylether
Concen: 6.178 ng
RT: 15.940 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Instrument :
BNA_G
ClientSampleId :
PB170080BL

Tgt Ion:248 Resp: 9665

Ion	Ratio	Lower	Upper
248	100		
250	183.5	85.3	127.9#
141	396.4	66.2	99.2#

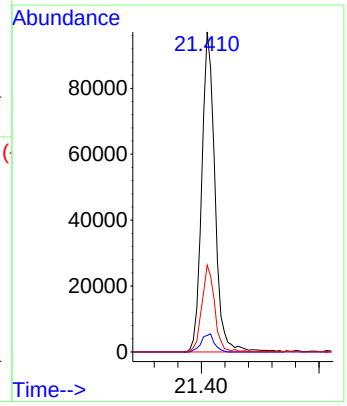


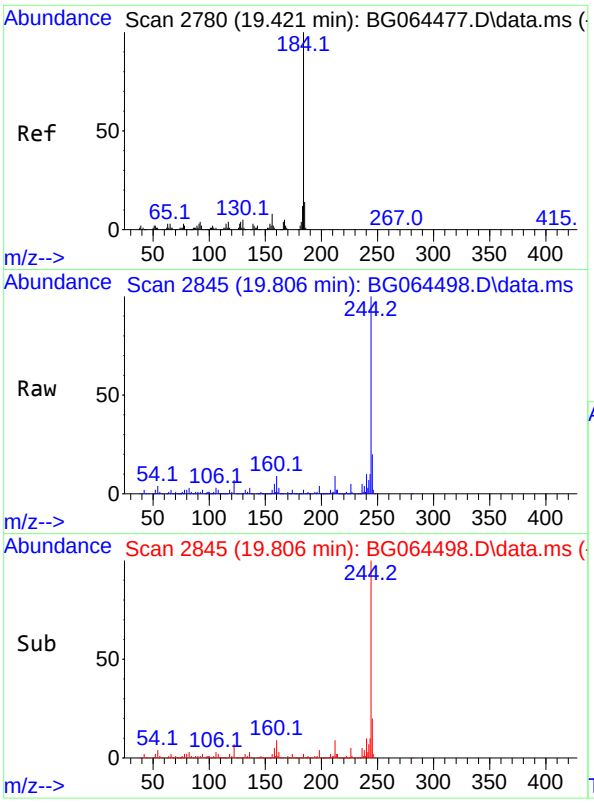


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Tgt Ion:240 Resp: 151144

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.3	6.5
236	27.2	20.4	30.6



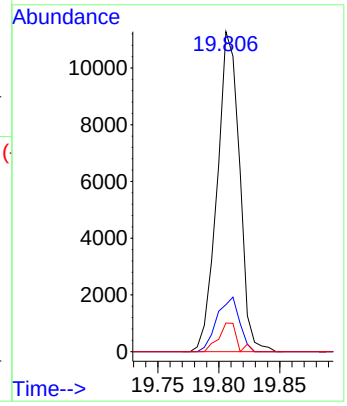


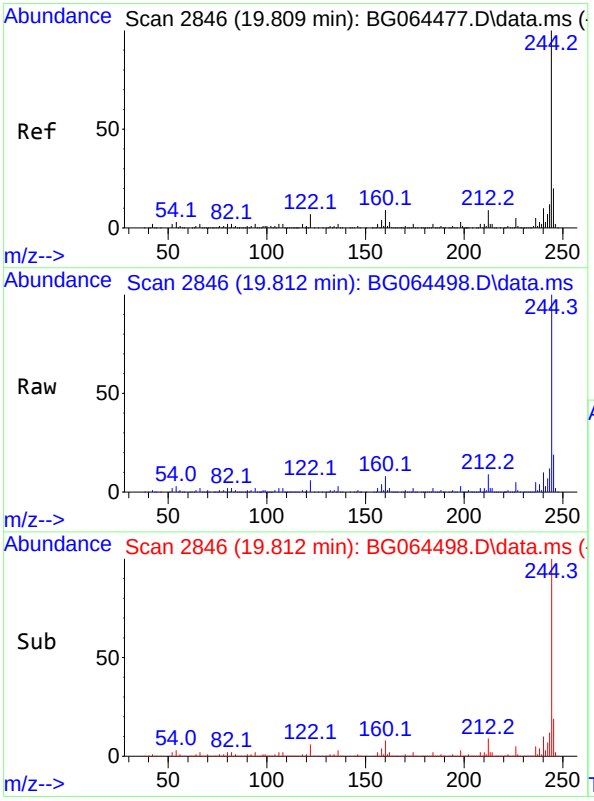
#77
Benzidine
Concen: 3.832 ng
RT: 19.806 min Scan# 2
Delta R.T. 0.381 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Instrument :
BNA_G
ClientSampleId :
PB170080BL

Tgt Ion:184 Resp: 14413

Ion	Ratio	Lower	Upper
184	100		
185	14.7	10.9	16.3
183	8.9	9.8	14.6#

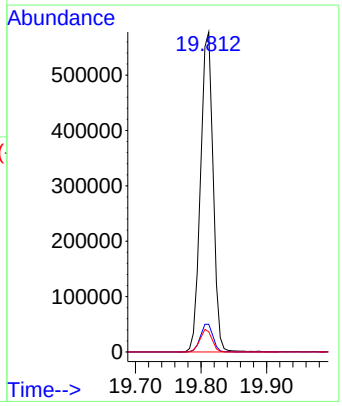


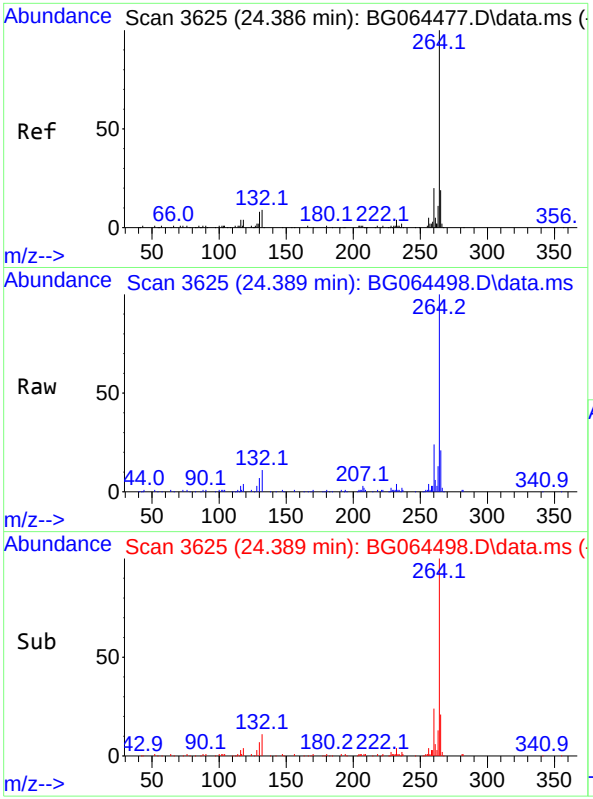


#79
Terphenyl-d14
Concen: 96.765 ng
RT: 19.812 min Scan# 2846
Delta R.T. 0.005 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Tgt Ion:244 Resp: 772815

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	6.3	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.389 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Instrument :
BNA_G
ClientSampleId :
PB170080BL

Tgt Ion:264 Resp: 163949

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.2	24.4
265	20.5	15.0	22.4