Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064526.D
Acq On : 16 Oct 2025 21:44
Operator : RC/JU
Sample : Q3343-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 17 10:48:27 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	7.815	152	15224	20.000	ng	0.00
21) Naphthalene-d8	10.606	136	58643	20.000	ng	# 0.00
39) Acenaphthene-d10	14.443	164	43967	20.000	ng	0.00
64) Phenanthrene-d10	17.187	188	110323	20.000	ng	# 0.00
76) Chrysene-d12	21.411	240	129928	20.000	ng	0.00
86) Perylene-d12	24.390	264	148451	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.412	112	100045	121.618	ng	0.00
7) Phenol-d6	6.993	99	110582	100.033	ng	0.00
23) Nitrobenzene-d5	8.967	82	102088	93.605	ng	0.00
42) 2,4,6-Tribromophenol	15.935	330	115493	144.916	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	268659	90.068	ng	0.00
79) Terphenyl-d14	19.807	244	646918	94.228	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.967	70	16040	21.696	ng	# 64
51) 2,6-Dinitrotoluene	14.449	165	6269	8.739	ng	# 12
57) 2,4-Dinitrotoluene	14.449	165	6269	5.717	ng	# 21
67) 4-Bromophenyl-phenylether	15.935	248	7572	5.832	ng	# 1
77) Benzidine	19.807	184	13337	4.125	ng	# 94

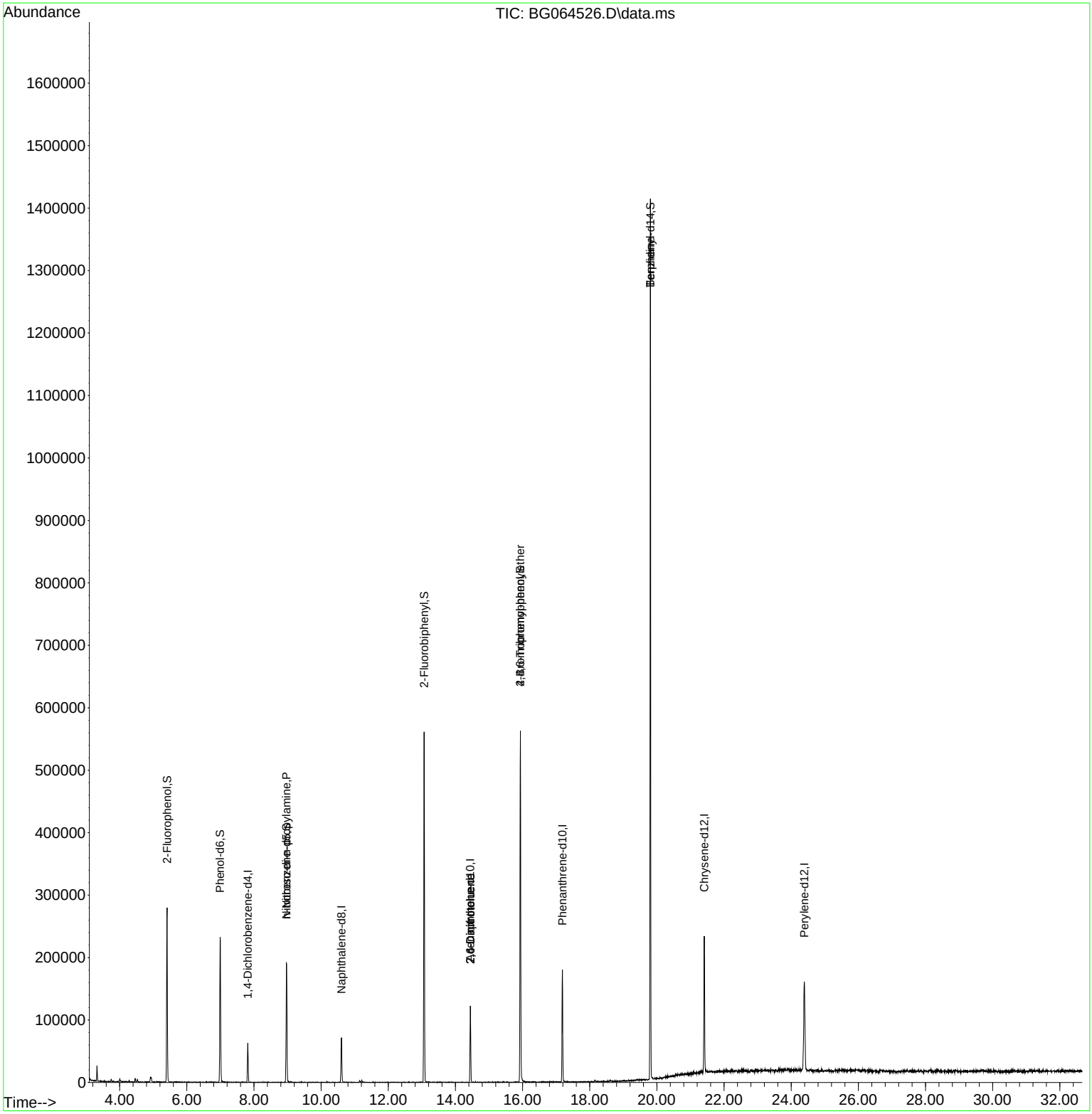
(#) = qualifier out of range (m) = manual integration (+) = signals summed

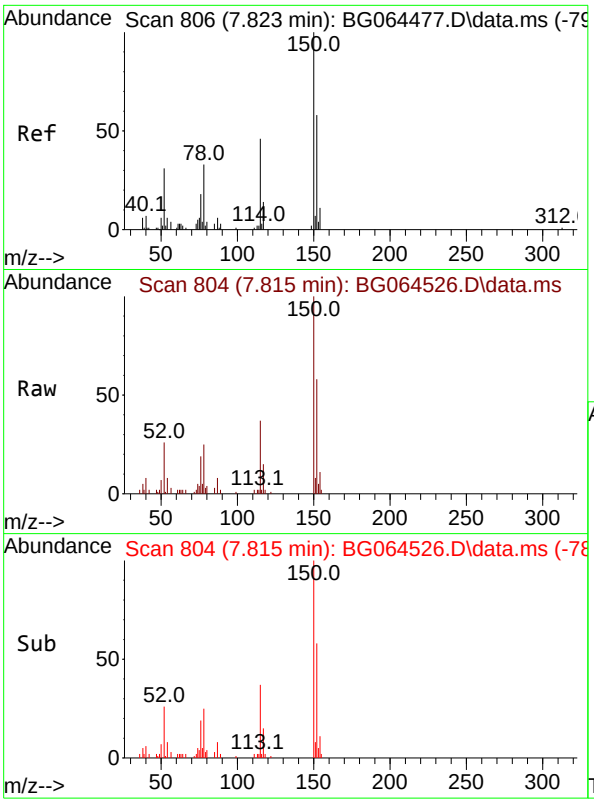
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064526.D
Acq On : 16 Oct 2025 21:44
Operator : RC/JU
Sample : Q3343-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 17 10:48:27 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



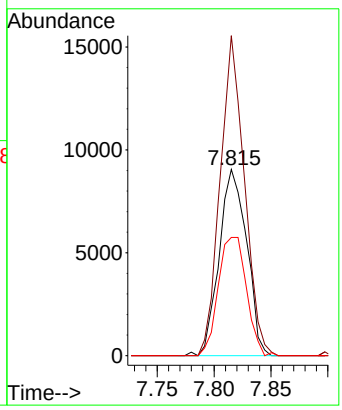


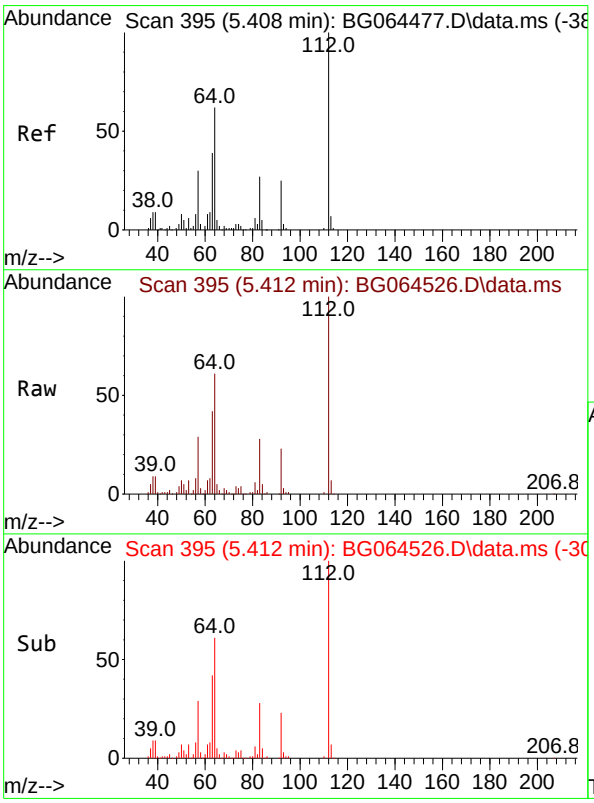
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 15224

Ion	Ratio	Lower	Upper
152	100		
150	171.9	138.6	207.8
115	63.5	63.4	95.2

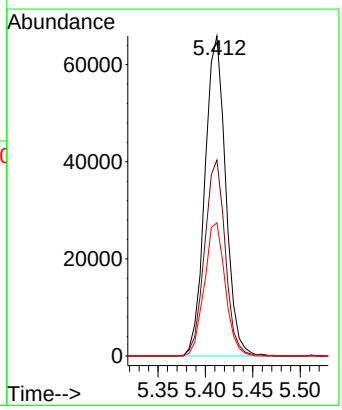


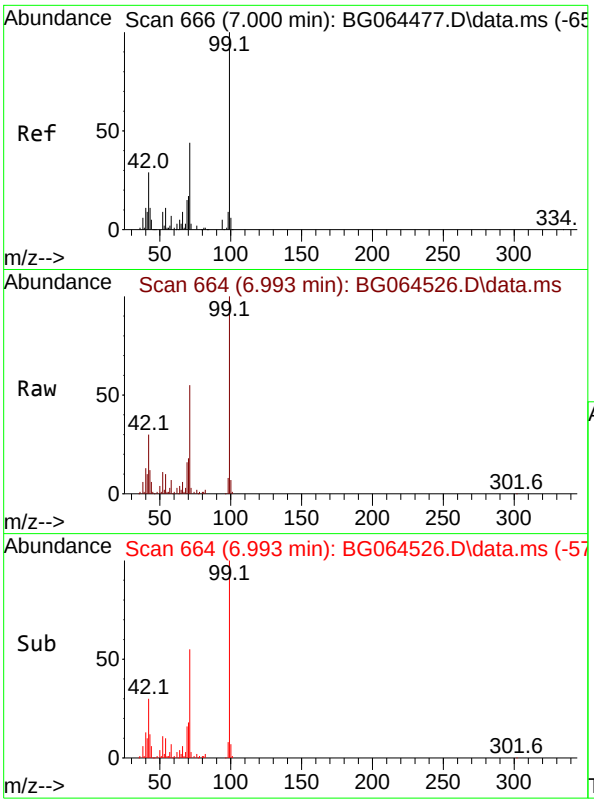


#5
2-Fluorophenol
Concen: 121.618 ng
RT: 5.412 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion:112 Resp: 100045

Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.8	74.8
63	41.6	31.3	46.9



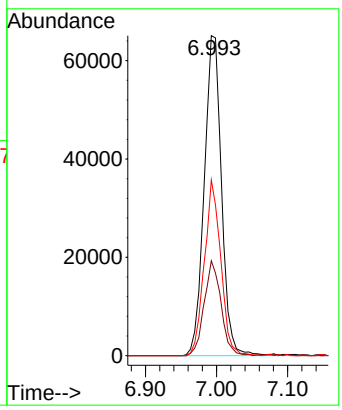


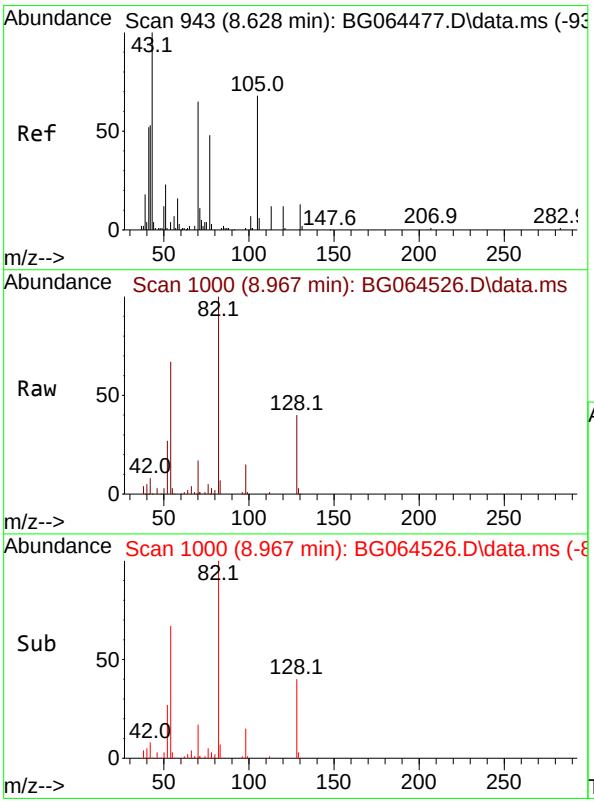
#7
Phenol-d6
Concen: 100.033 ng
RT: 6.993 min Scan# 6
Delta R.T. 0.006 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 110582

Ion	Ratio	Lower	Upper
99	100		
42	29.7	22.9	34.3
71	54.9	35.4	53.2#

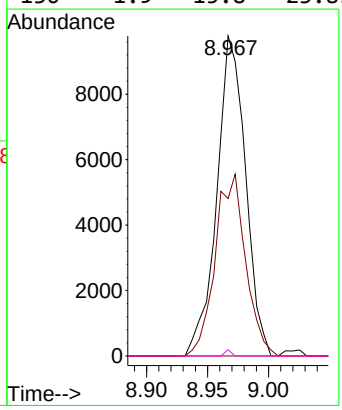


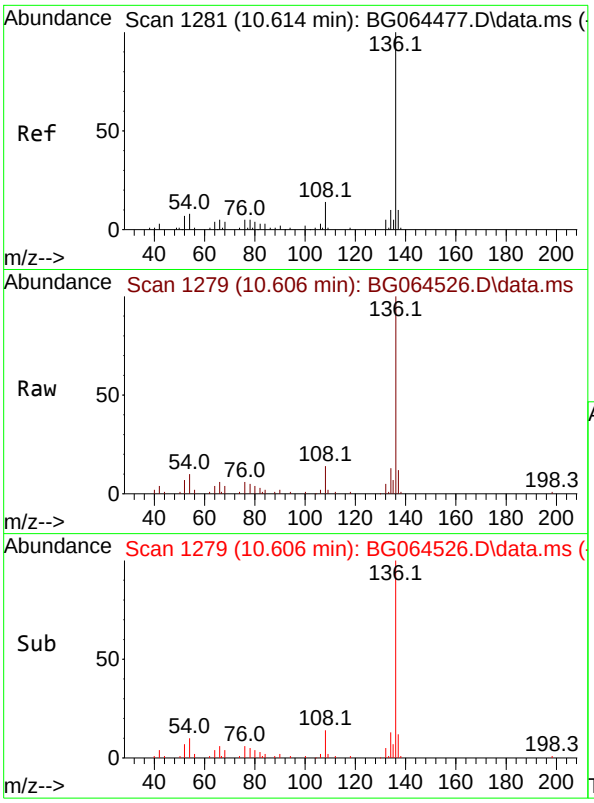


#19
n-Nitroso-di-n-propylamine
Concen: 21.696 ng
RT: 8.967 min Scan# 1000
Delta R.T. 0.353 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion: 70 Resp: 16040

Ion	Ratio	Lower	Upper
70	100		
42	49.2	64.9	97.3#
101	0.0	8.7	13.1#
130	1.9	15.8	23.8#



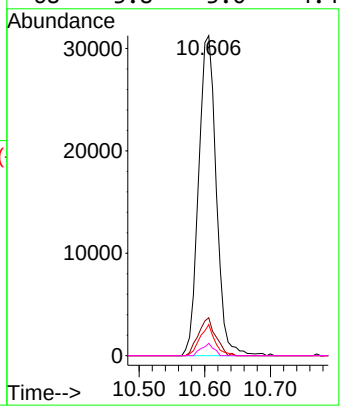


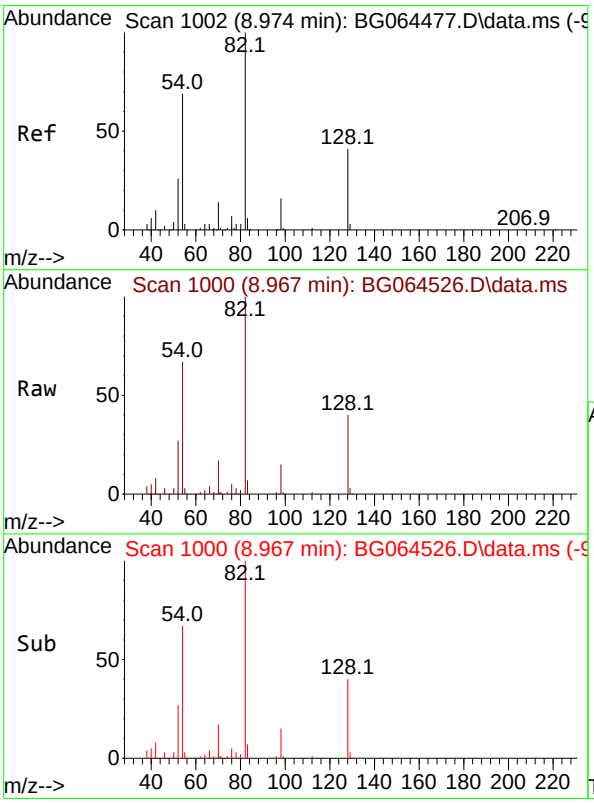
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 58643

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.3	12.5
54	9.7	6.2	9.4#
68	3.8	3.0	4.4

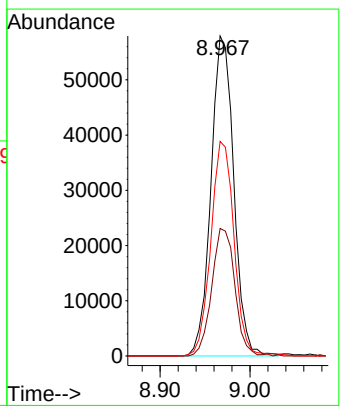


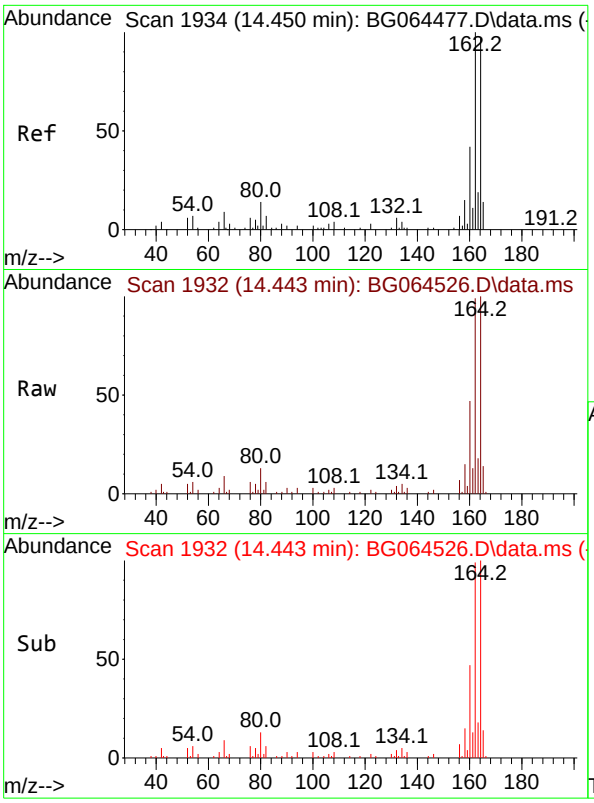


#23
Nitrobenzene-d5
Concen: 93.605 ng
RT: 8.967 min Scan# 1000
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion: 82 Resp: 102088

Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.1	49.7
54	67.0	55.4	83.2



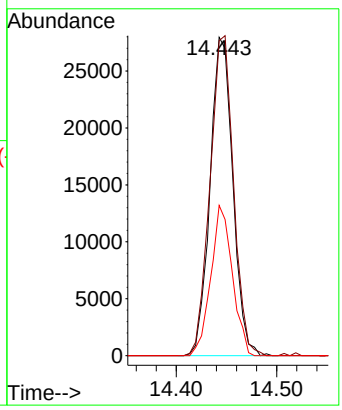


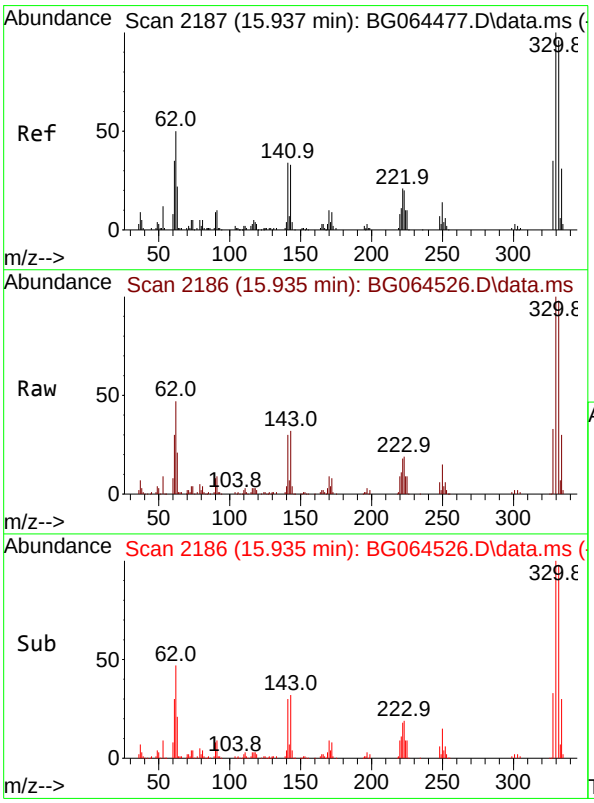
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.443 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 43967

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.2	123.2
160	47.2	34.3	51.5

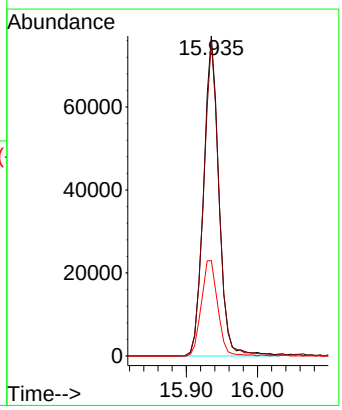


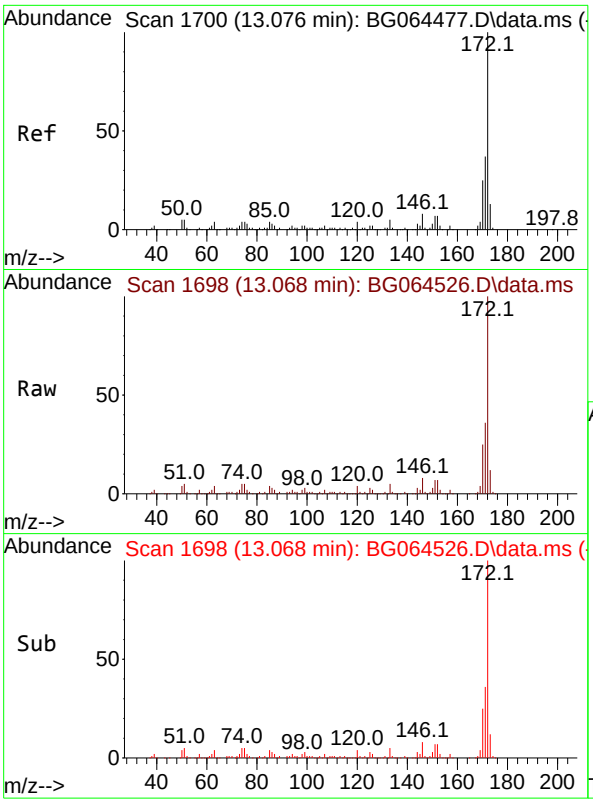


#42
2,4,6-Tribromophenol
Concen: 144.916 ng
RT: 15.935 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion:330 Resp: 115493

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.0
141	31.8	25.8	38.6



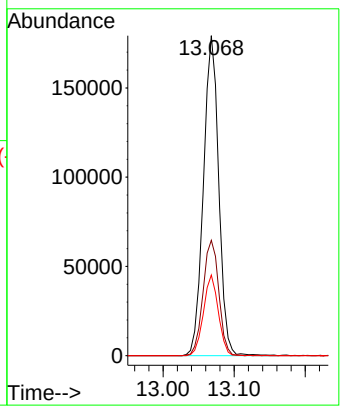


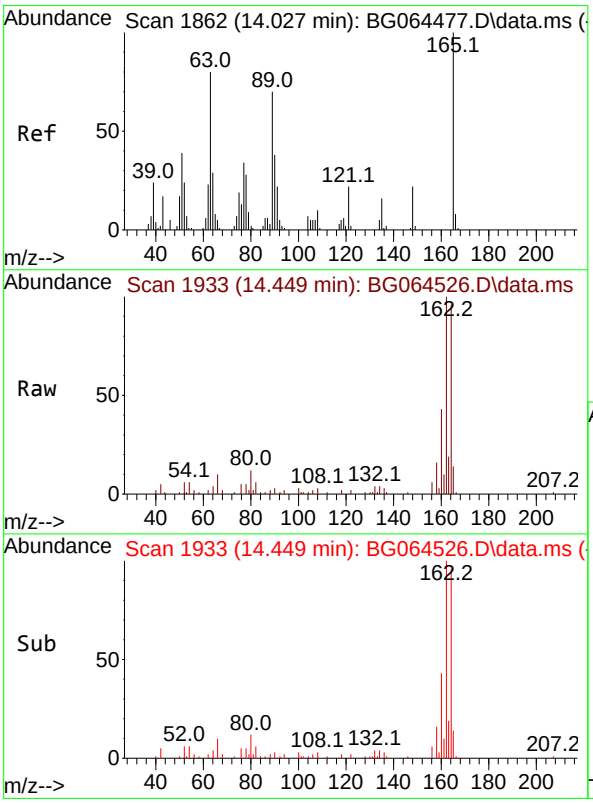
#45
2-Fluorobiphenyl
Concen: 90.068 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 268659

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	25.2	20.2	30.2

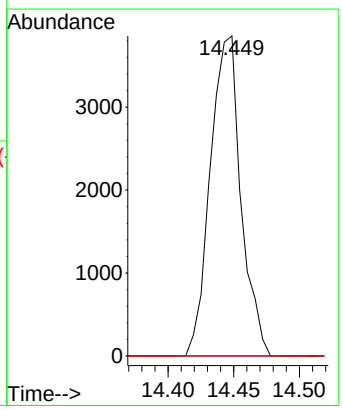


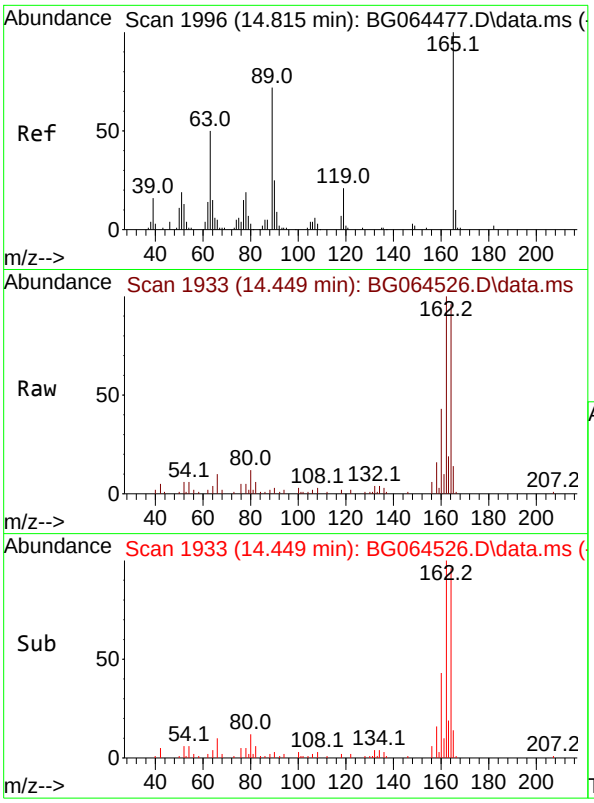


#51
2,6-Dinitrotoluene
Concen: 8.739 ng
RT: 14.449 min Scan# 1933
Delta R.T. 0.429 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion:165 Resp: 6269

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



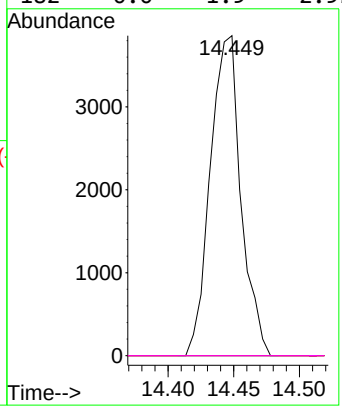


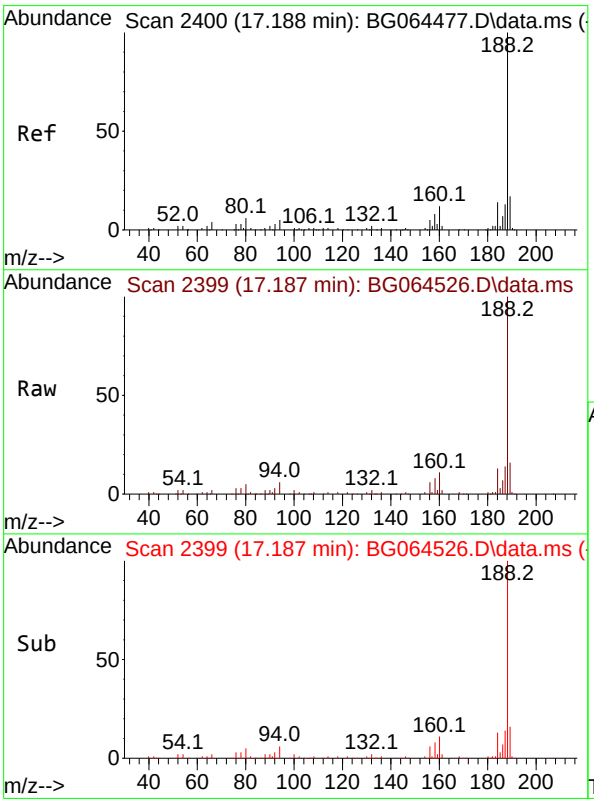
#57
2,4-Dinitrotoluene
Concen: 5.717 ng
RT: 14.449 min Scan# 1
Delta R.T. -0.364 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 6269

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#

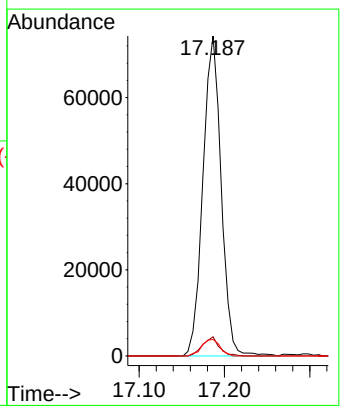


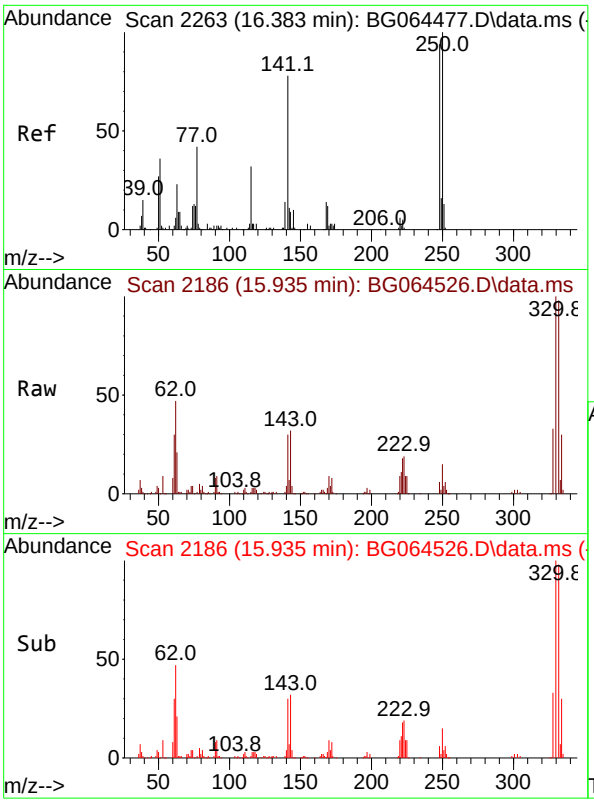


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2399
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion:188 Resp: 110323

Ion	Ratio	Lower	Upper
188	100		
94	6.0	3.7	5.5#
80	5.2	4.5	6.7



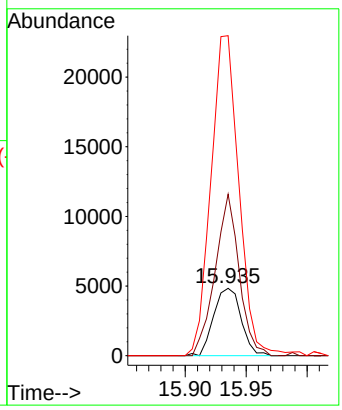


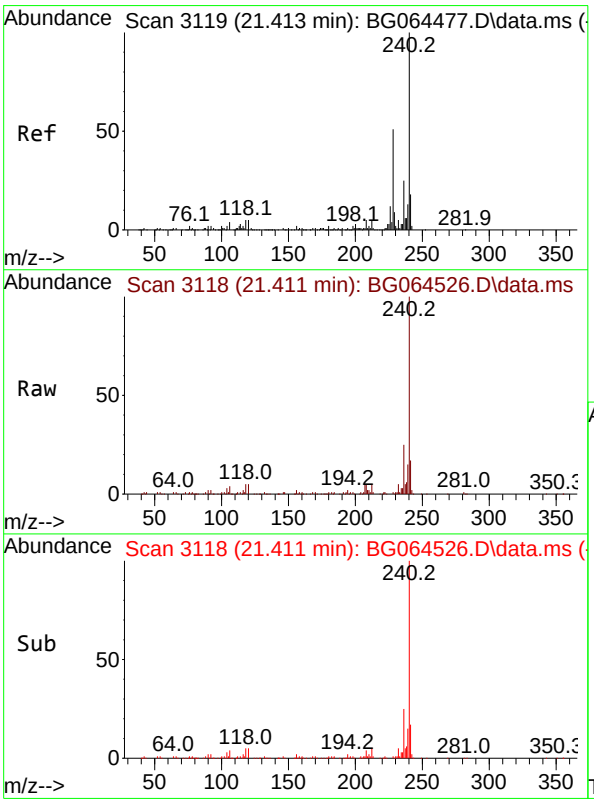
#67
4-Bromophenyl-phenylether
Concen: 5.832 ng
RT: 15.935 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 7572

Ion	Ratio	Lower	Upper
248	100		
250	239.7	85.3	127.9#
141	474.8	66.2	99.2#

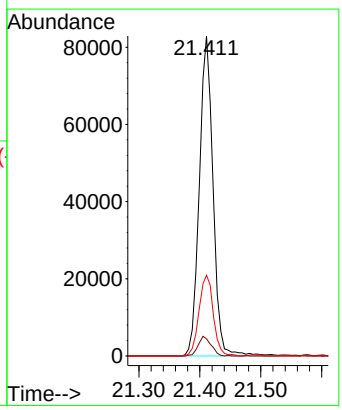


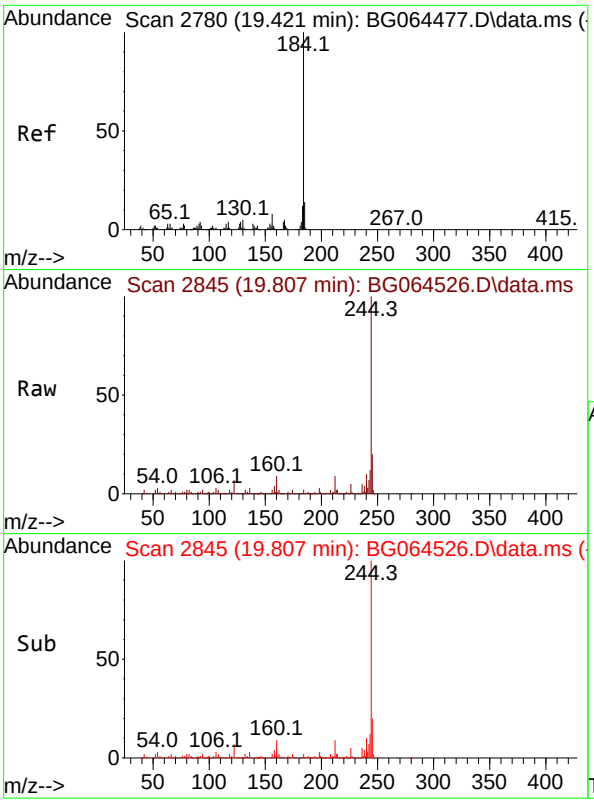


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.411 min Scan# 3118
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion:240 Resp: 129928

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.3	6.5
236	25.3	20.4	30.6



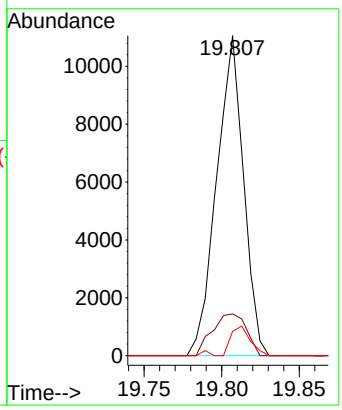


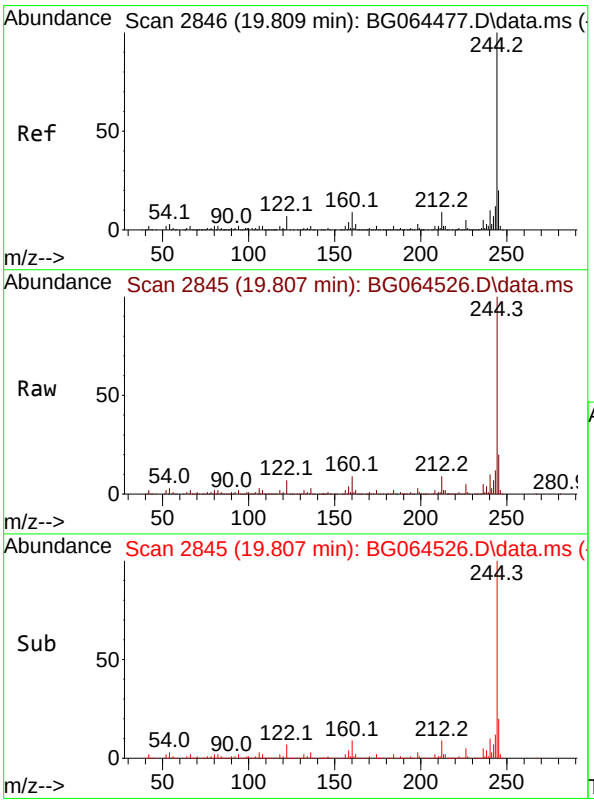
#77
Benzidine
Concen: 4.125 ng
RT: 19.807 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 13337

Ion	Ratio	Lower	Upper
184	100		
185	13.0	10.9	16.3
183	7.6	9.8	14.6#

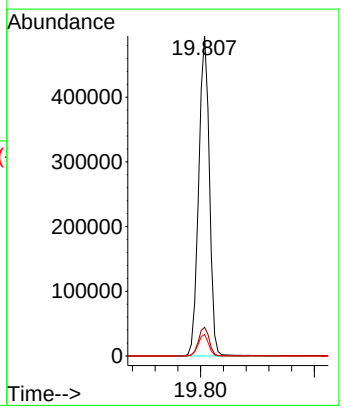


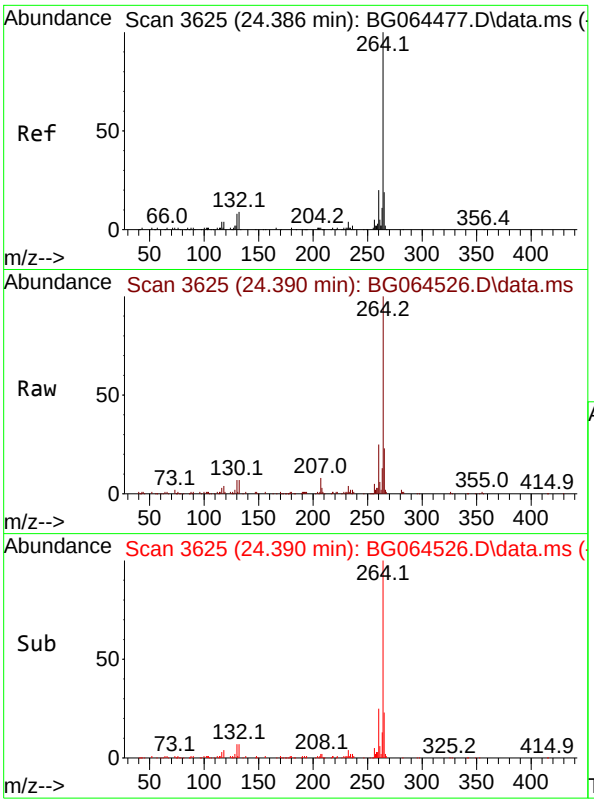


#79
Terphenyl-d14
Concen: 94.228 ng
RT: 19.807 min Scan# 2845
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion:244 Resp: 646918

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	6.7	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.390 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 148451

Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.2	24.4#
265	23.0	15.0	22.4#