Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064488.D
Acq On : 3 Oct 2025 15:35
Operator : RC/JU
Sample : PB169973BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Quant Time: Oct 03 16:20:38 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	16965	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	71465	20.000	ng	# 0.00
39) Acenaphthene-d10	14.446	164	57081	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	145353	20.000	ng	# 0.00
76) Chrysene-d12	21.408	240	149348	20.000	ng	0.00
86) Perylene-d12	24.387	264	157878	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.415	112	148699	162.213	ng	0.00
7) Phenol-d6	7.001	99	185155	150.303	ng	0.02
23) Nitrobenzene-d5	8.976	82	124977	94.032	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	142586	137.808	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	351343	90.727	ng	0.00
79) Terphenyl-d14	19.810	244	779476	98.773	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.976	70	18360	22.285	ng	# 74
51) 2,6-Dinitrotoluene	14.451	165	6921	7.432	ng	# 12
57) 2,4-Dinitrotoluene	14.451	165	6921	4.861	ng	# 21
67) 4-Bromophenyl-phenylether	15.938	248	9679	5.659	ng	# 1
77) Benzidine	19.810	184	15448	4.157	ng	# 94

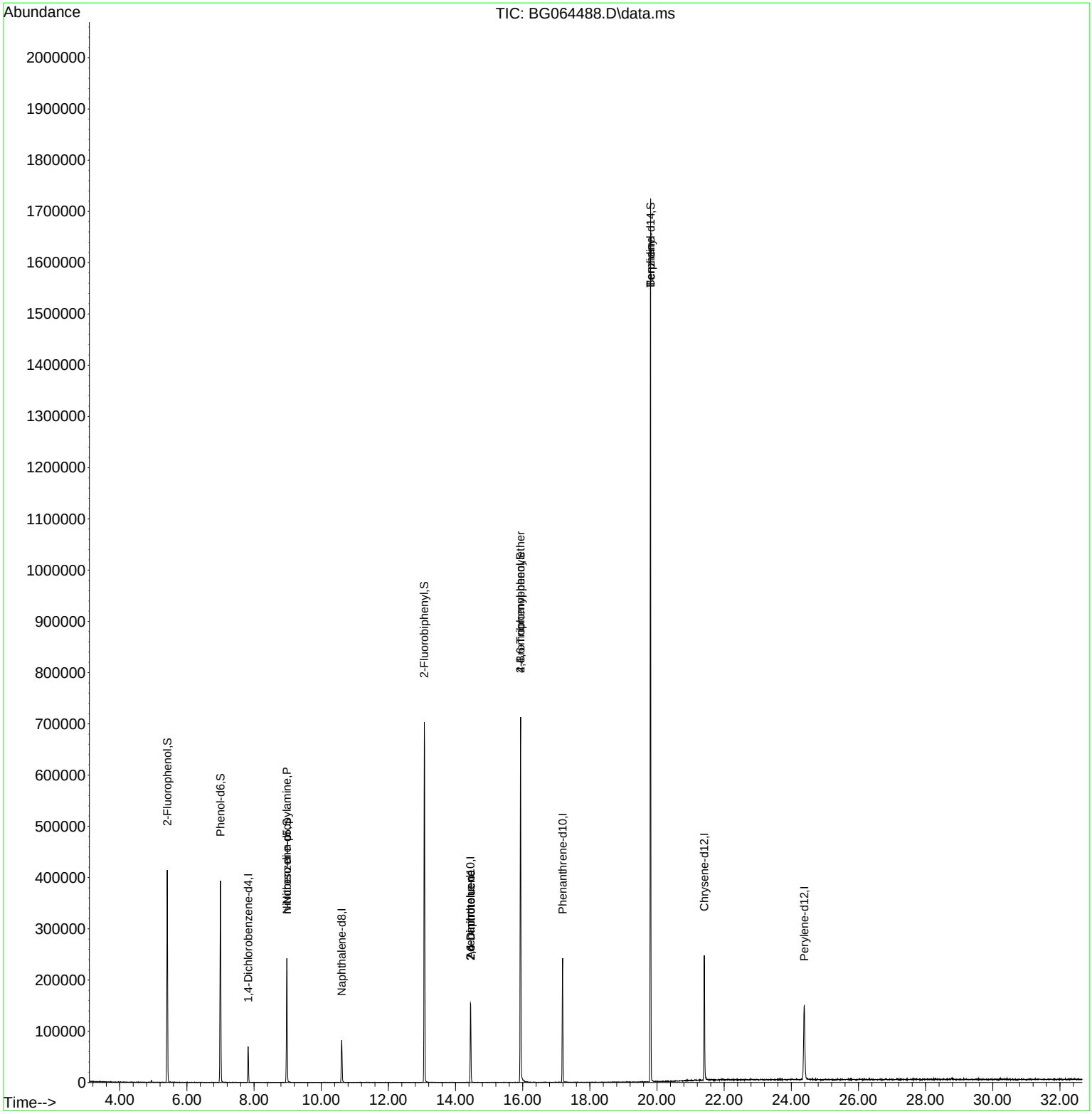
(#) = qualifier out of range (m) = manual integration (+) = signals summed

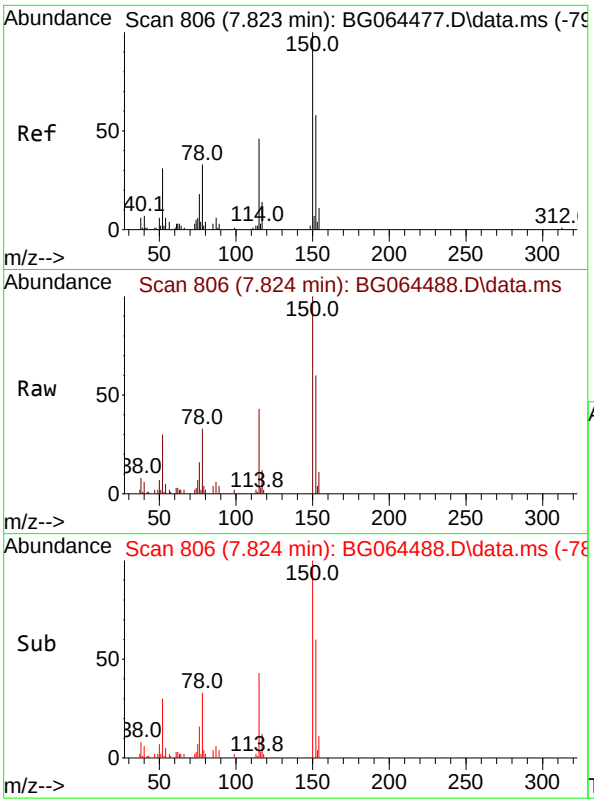
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064488.D
Acq On : 3 Oct 2025 15:35
Operator : RC/JU
Sample : PB169973BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Quant Time: Oct 03 16:20:38 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



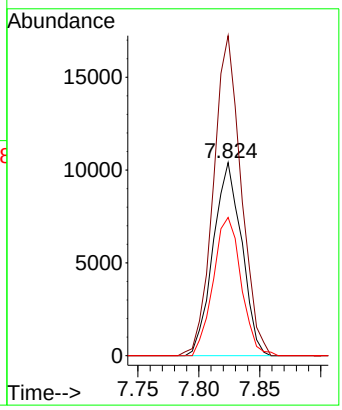


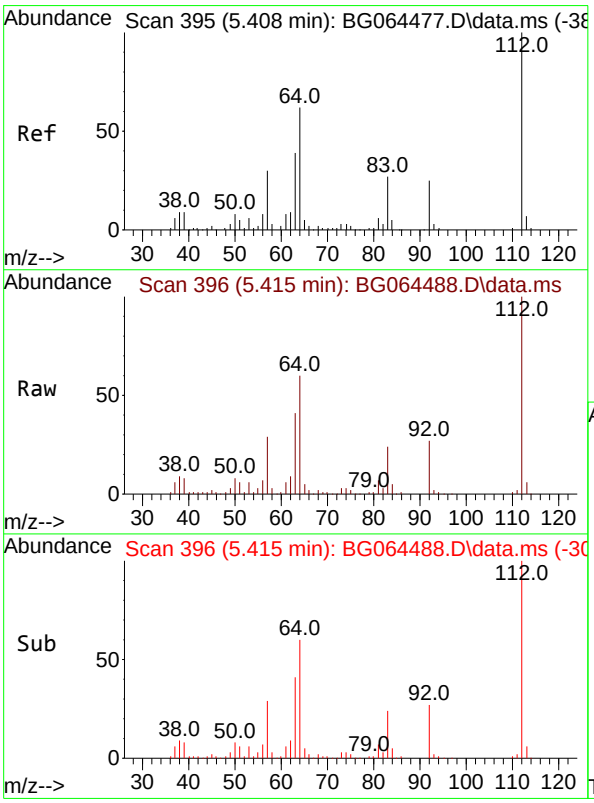
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.824 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:152 Resp: 16965

Ion	Ratio	Lower	Upper
152	100		
150	165.7	138.6	207.8
115	71.5	63.4	95.2

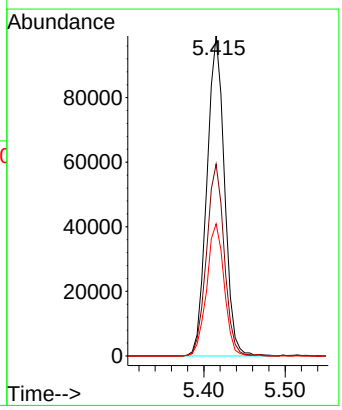


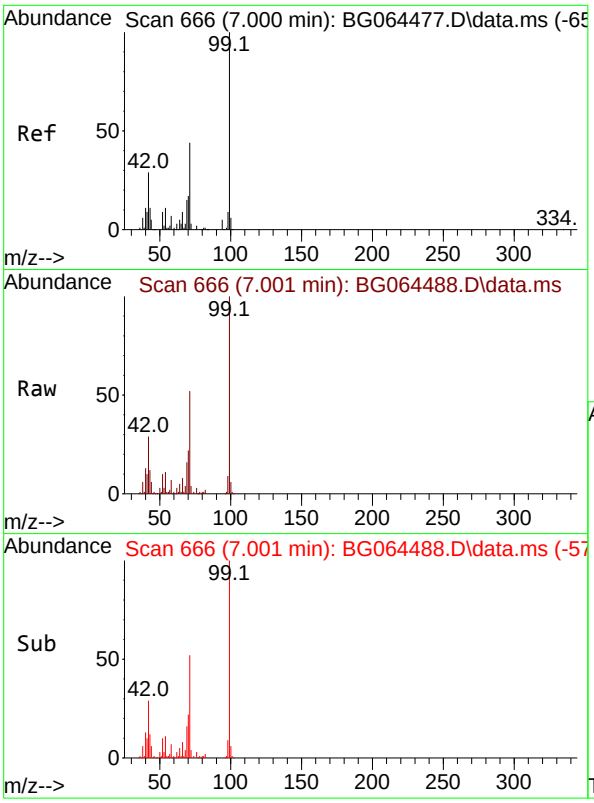


#5
2-Fluorophenol
Concen: 162.213 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:112 Resp: 148699

Ion	Ratio	Lower	Upper
112	100		
64	59.9	49.8	74.8
63	41.3	31.3	46.9



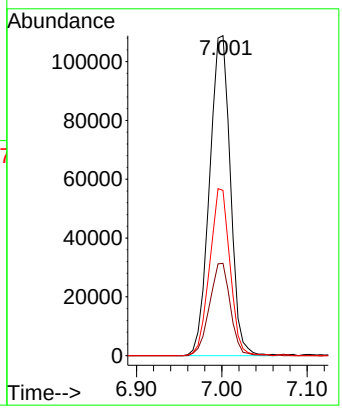


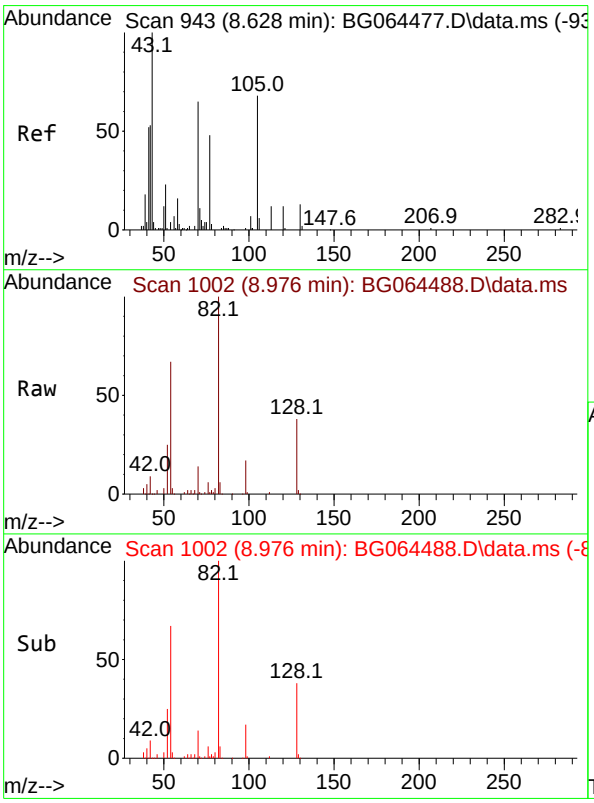
#7
Phenol-d6
Concen: 150.303 ng
RT: 7.001 min Scan# 6
Delta R.T. 0.015 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion: 99 Resp: 185155

Ion	Ratio	Lower	Upper
99	100		
42	28.8	22.9	34.3
71	51.7	35.4	53.2

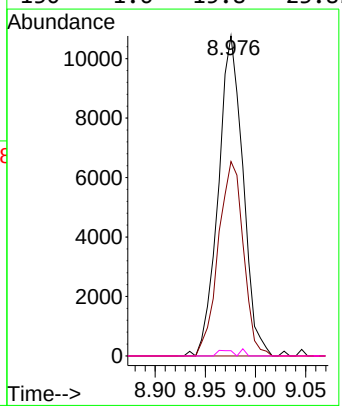


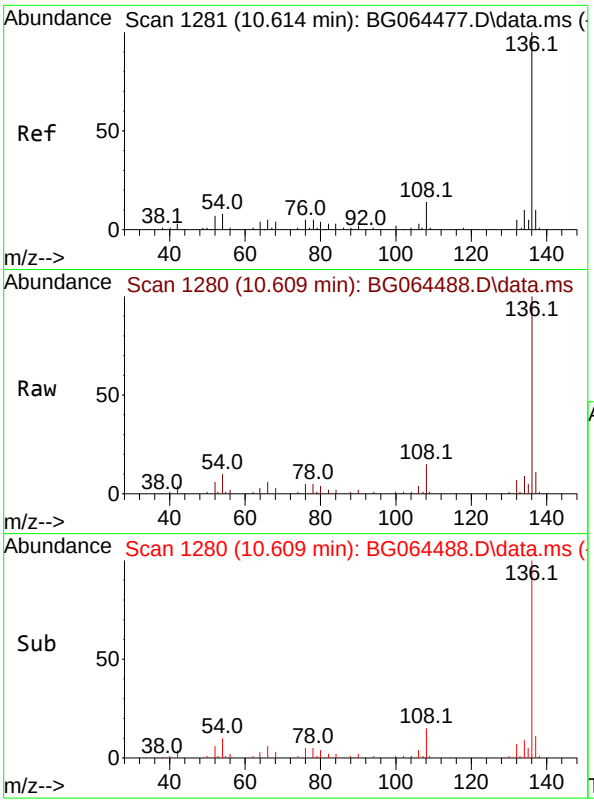


#19
n-Nitroso-di-n-propylamine
Concen: 22.285 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.362 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion: 70 Resp: 18360

Ion	Ratio	Lower	Upper
70	100		
42	60.8	64.9	97.3#
101	0.0	8.7	13.1#
130	1.6	15.8	23.8#



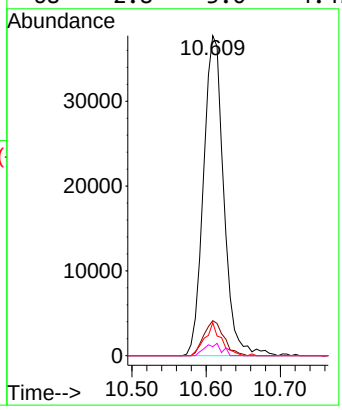


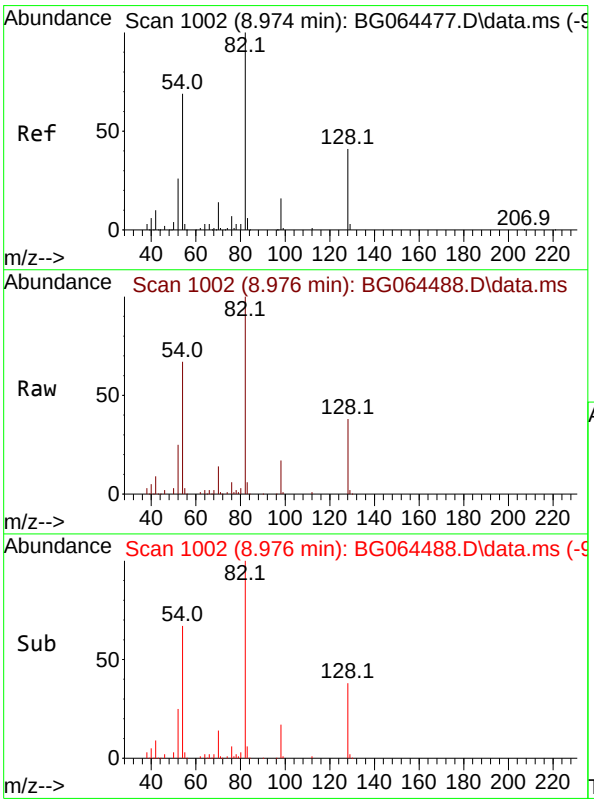
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:136 Resp: 71465

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.3	12.5
54	10.3	6.2	9.4#
68	2.8	3.0	4.4#

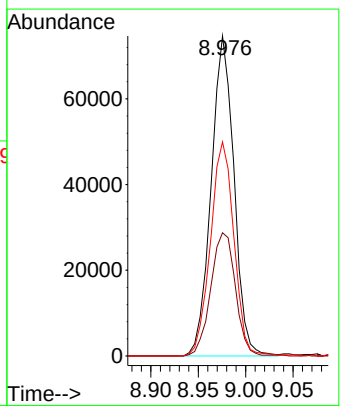


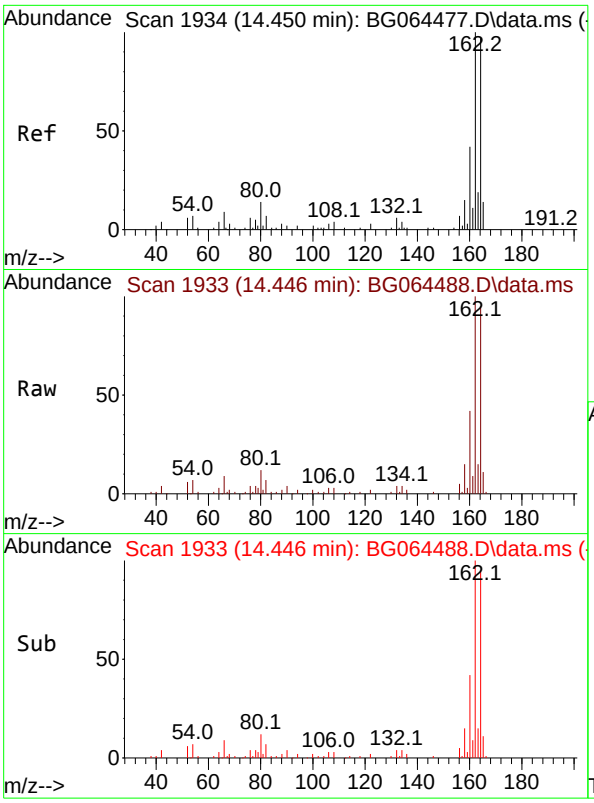


#23
Nitrobenzene-d5
Concen: 94.032 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion: 82 Resp: 124977

Ion	Ratio	Lower	Upper
82	100		
128	38.5	33.1	49.7
54	66.9	55.4	83.2



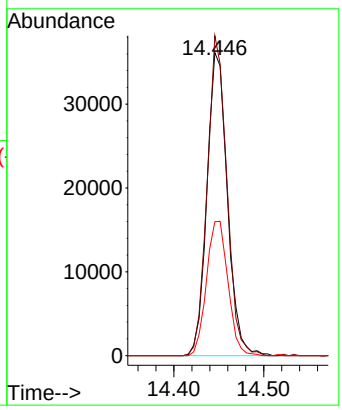


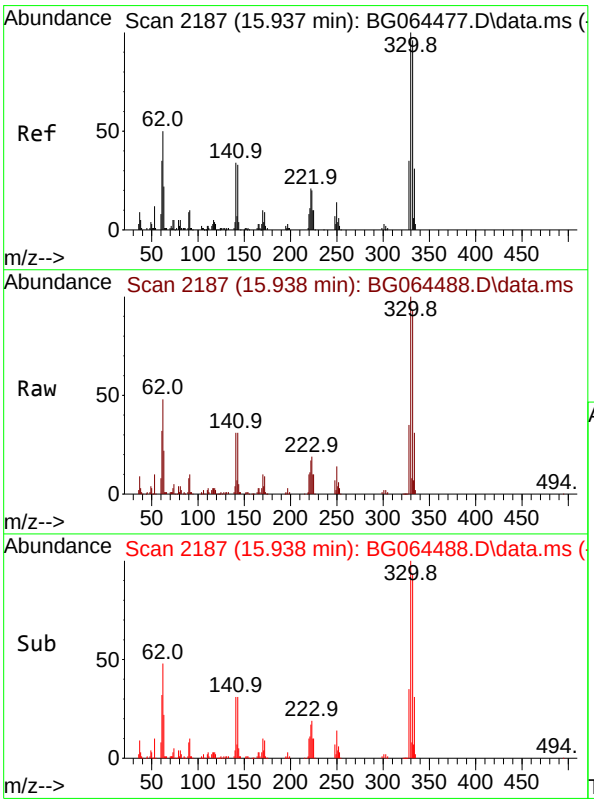
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:164 Resp: 57081

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.2	123.2
160	44.2	34.3	51.5

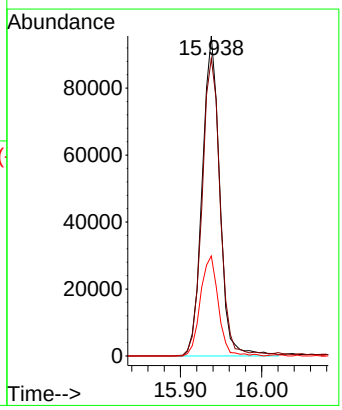


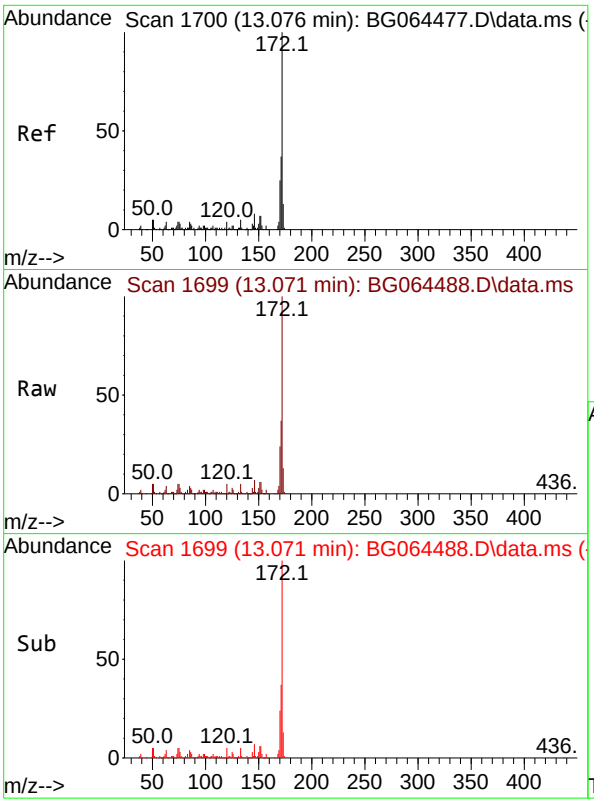


#42
2,4,6-Tribromophenol
Concen: 137.808 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:330 Resp: 142586

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	32.0	25.8	38.6



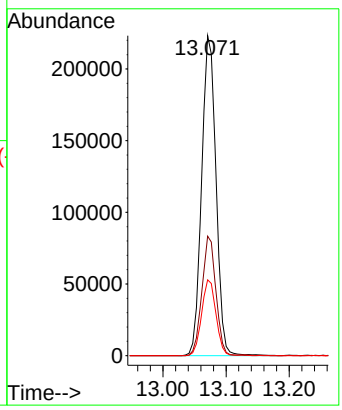


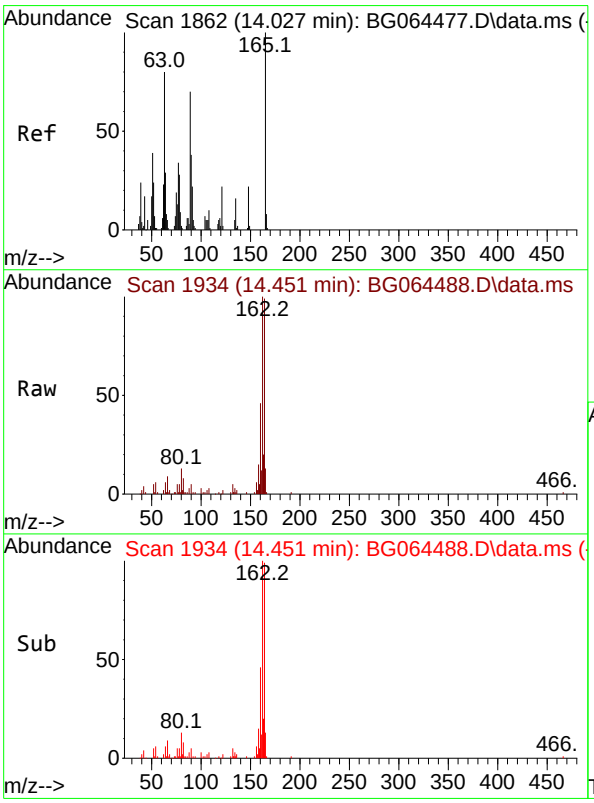
#45
2-Fluorobiphenyl
Concen: 90.727 ng
RT: 13.071 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:172 Resp: 351343

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	23.7	20.2	30.2

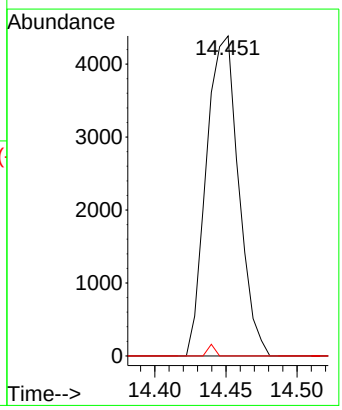


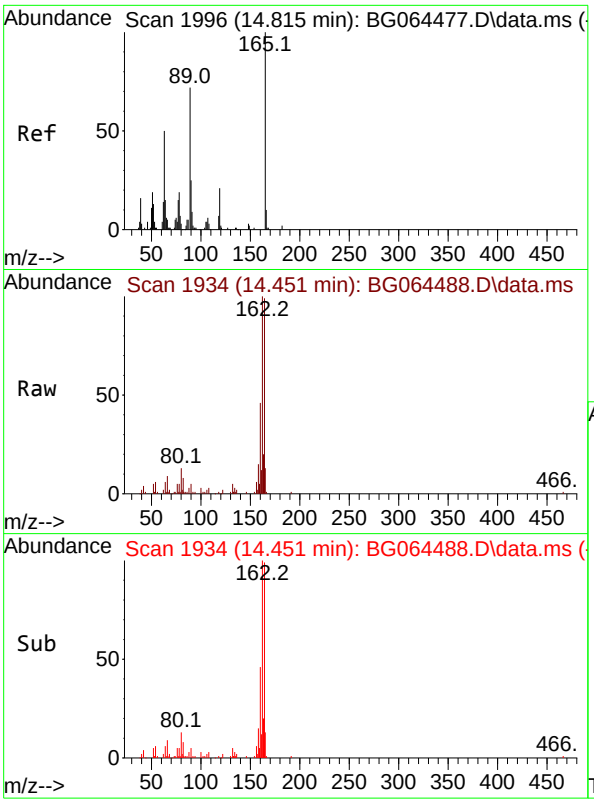


#51
2,6-Dinitrotoluene
Concen: 7.432 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.432 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:165 Resp: 6921

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



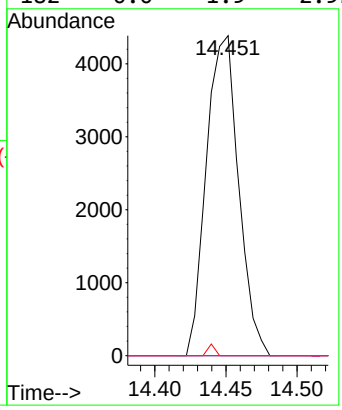


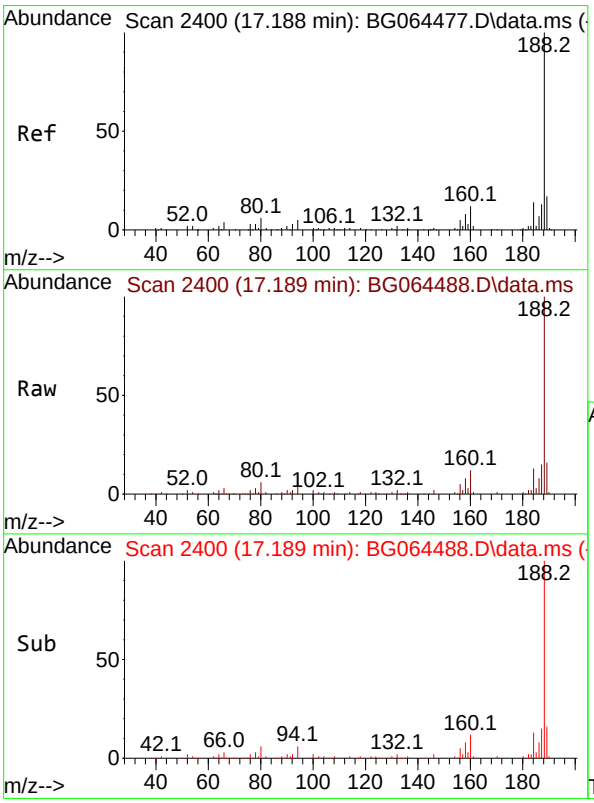
#57
2,4-Dinitrotoluene
Concen: 4.861 ng
RT: 14.451 min Scan# 1
Delta R.T. -0.361 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:165 Resp: 6921

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#

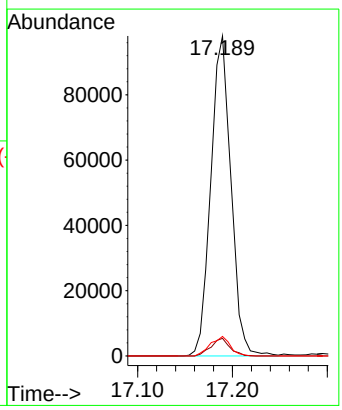


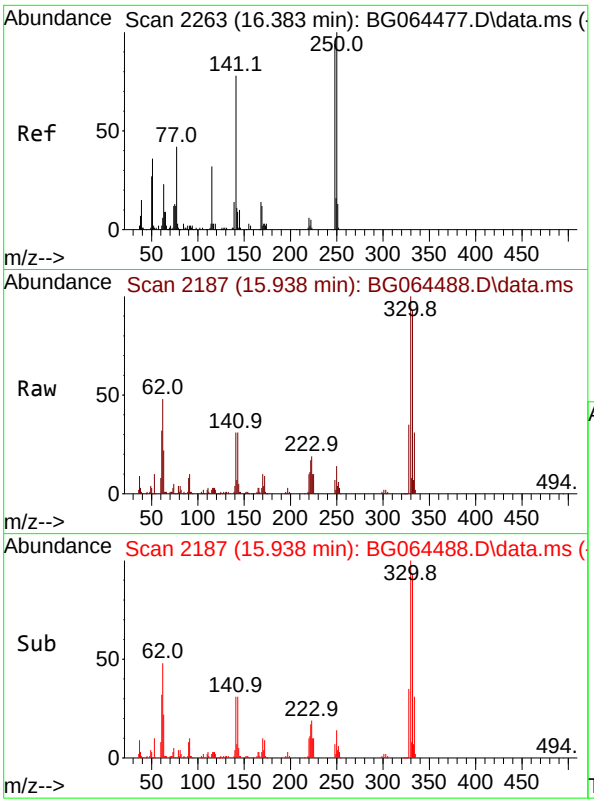


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:188 Resp: 145353

Ion	Ratio	Lower	Upper
188	100		
94	5.5	3.7	5.5#
80	6.1	4.5	6.7



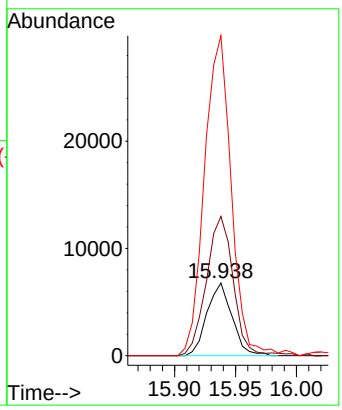


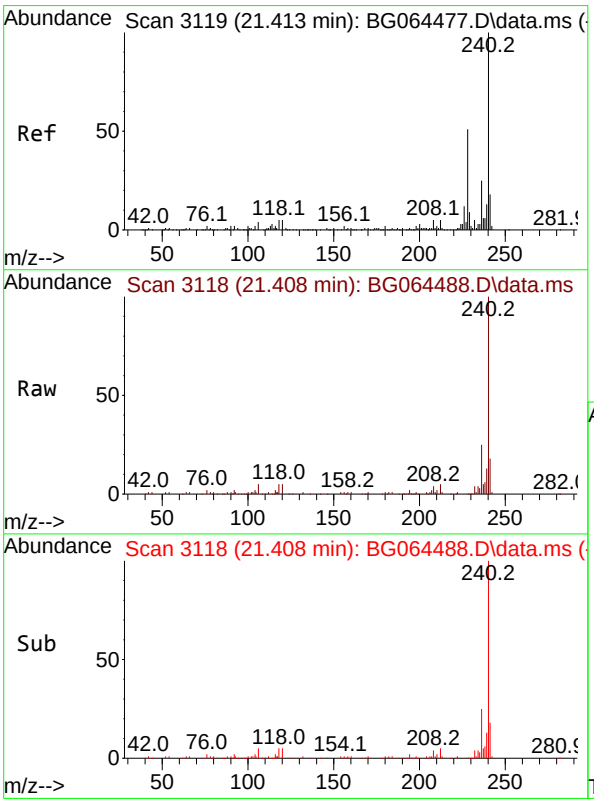
#67
4-Bromophenyl-phenylether
Concen: 5.659 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:248 Resp: 9679

Ion	Ratio	Lower	Upper
248	100		
250	191.9	85.3	127.9#
141	441.0	66.2	99.2#

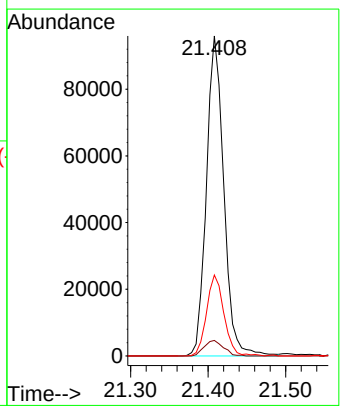


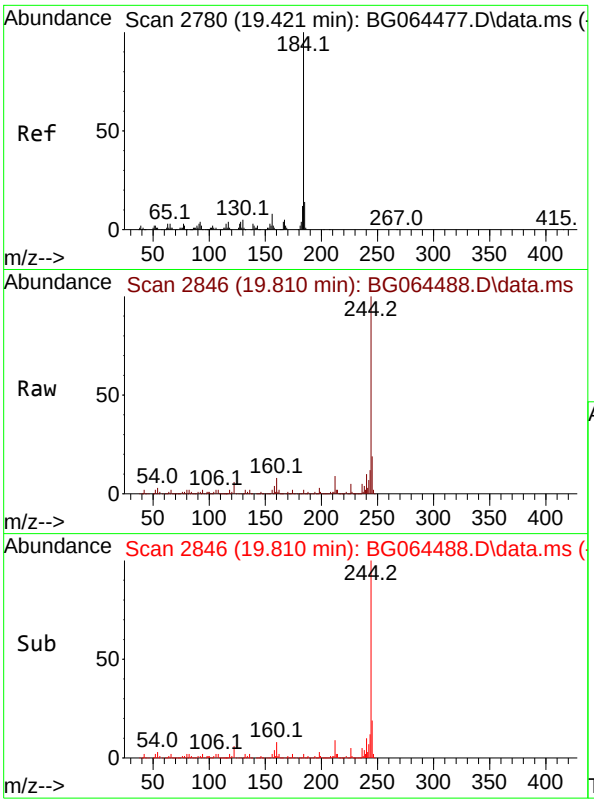


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.408 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:240 Resp: 149348

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.3	6.5
236	25.3	20.4	30.6



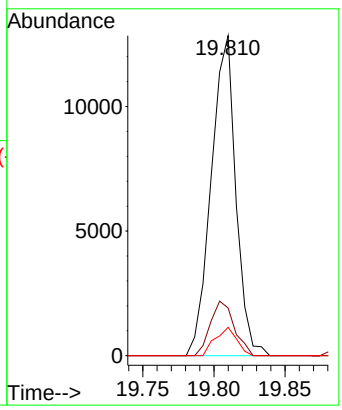


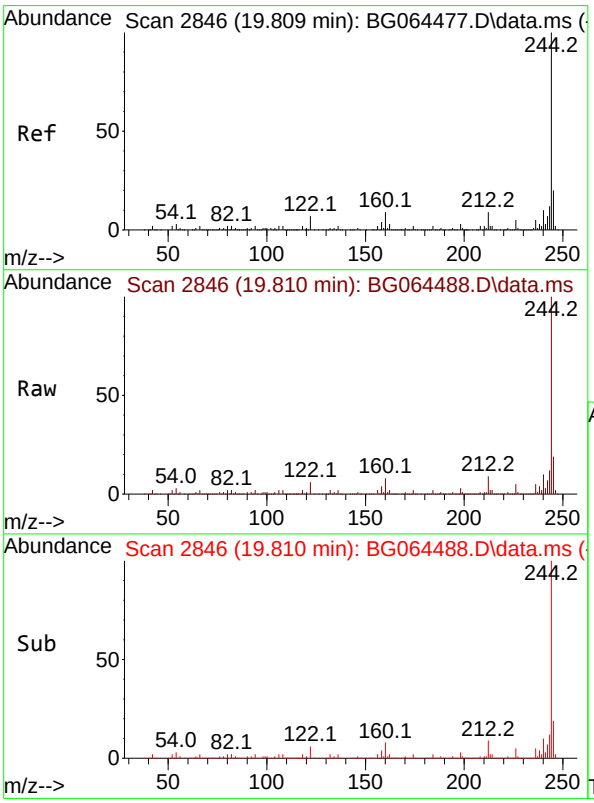
#77
Benzidine
Concen: 4.157 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.385 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:184 Resp: 15448

Ion	Ratio	Lower	Upper
184	100		
185	14.9	10.9	16.3
183	8.9	9.8	14.6#

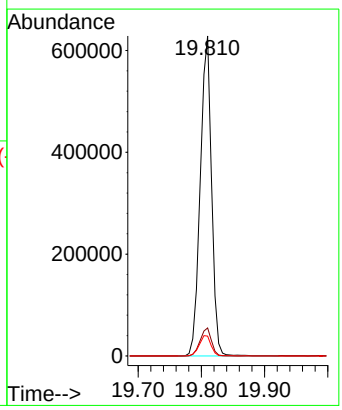


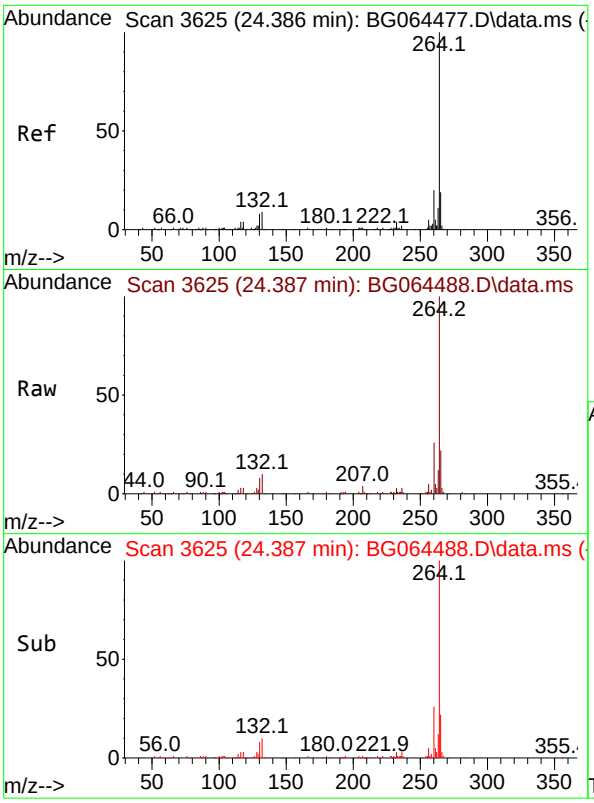


#79
Terphenyl-d14
Concen: 98.773 ng
RT: 19.810 min Scan# 2846
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:244 Resp: 779476

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	6.2	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: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:264 Resp: 157878

Ion	Ratio	Lower	Upper
264	100		
260	25.8	16.2	24.4#
265	22.4	15.0	22.4