Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064314.D
Acq On : 8 Sep 2025 19:44
Operator : RC/JU
Sample : Q3023-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Sep 09 01:32:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	26525	20.000	ng	0.00
21) Naphthalene-d8	10.637	136	110588	20.000	ng	#-0.01
39) Acenaphthene-d10	14.473	164	80679	20.000	ng	0.00
64) Phenanthrene-d10	17.217	188	188097	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	201519	20.000	ng	# 0.00
86) Perylene-d12	24.456	264	228178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	214527	145.101	ng	0.00
7) Phenol-d6	7.023	99	255820	125.948	ng	0.00
23) Nitrobenzene-d5	9.003	82	224883	113.410	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	205459	192.264	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	554690	104.941	ng	-0.01
79) Terphenyl-d14	19.838	244	1104294	114.329	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.003	70	33866	21.786	ng	# 72
51) 2,6-Dinitrotoluene	14.473	165	10773	9.112	ng	# 16
57) 2,4-Dinitrotoluene	14.473	165	10773	6.027	ng	# 19
67) 4-Bromophenyl-phenylether	15.966	248	14534	7.275	ng	# 1
77) Benzidine	19.838	184	22562	5.322	ng	# 91

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

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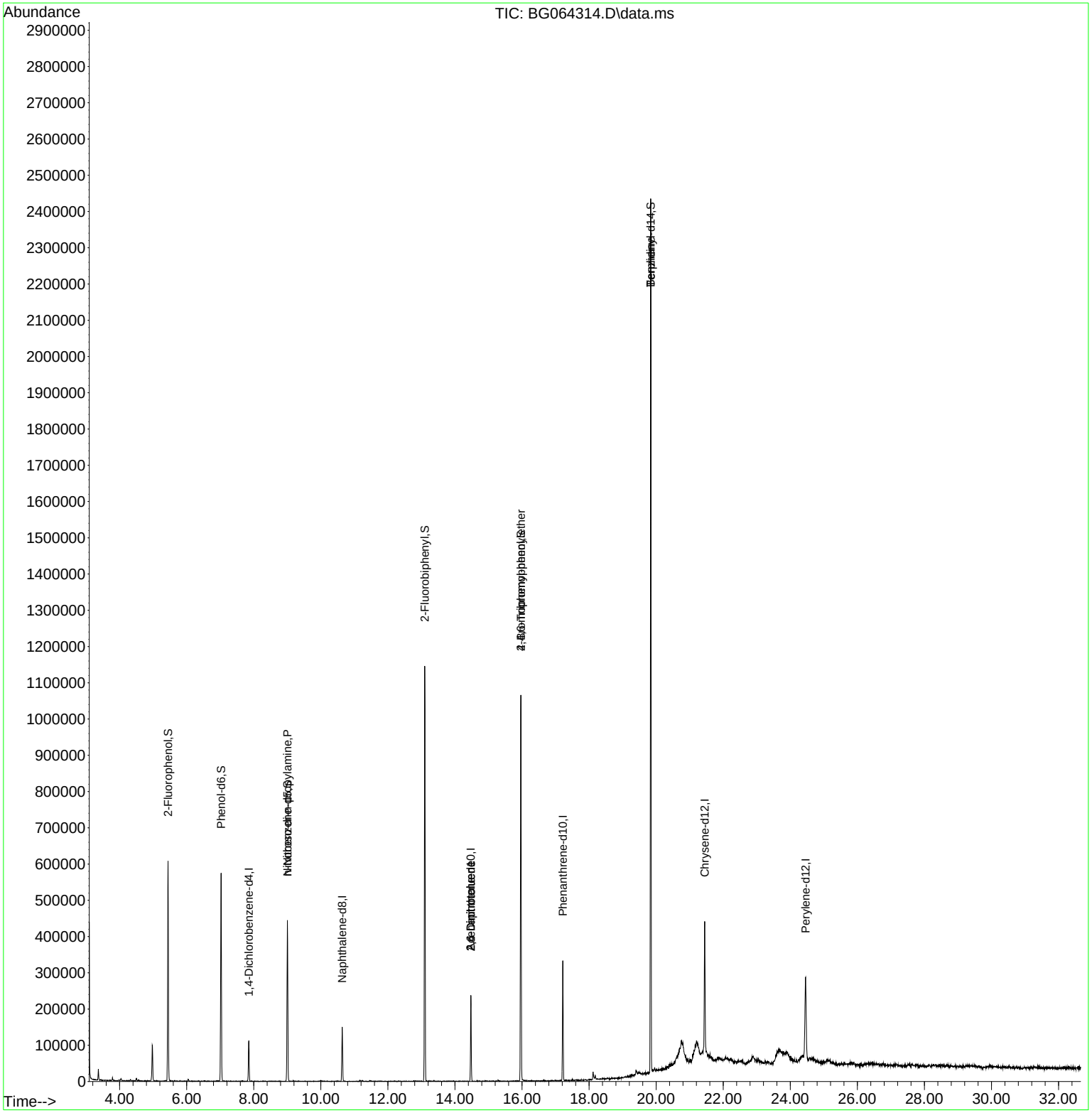
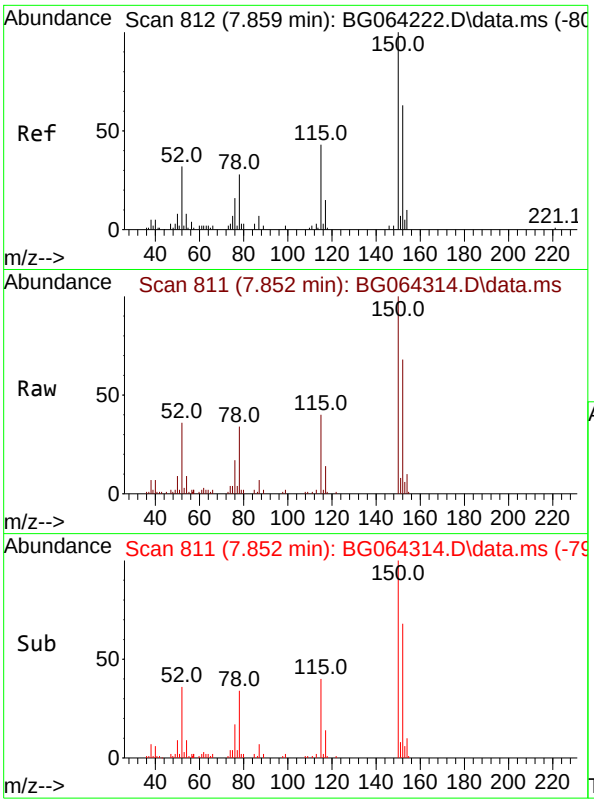


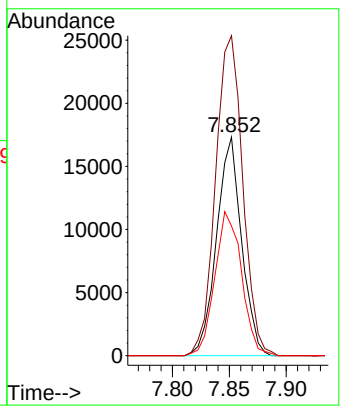


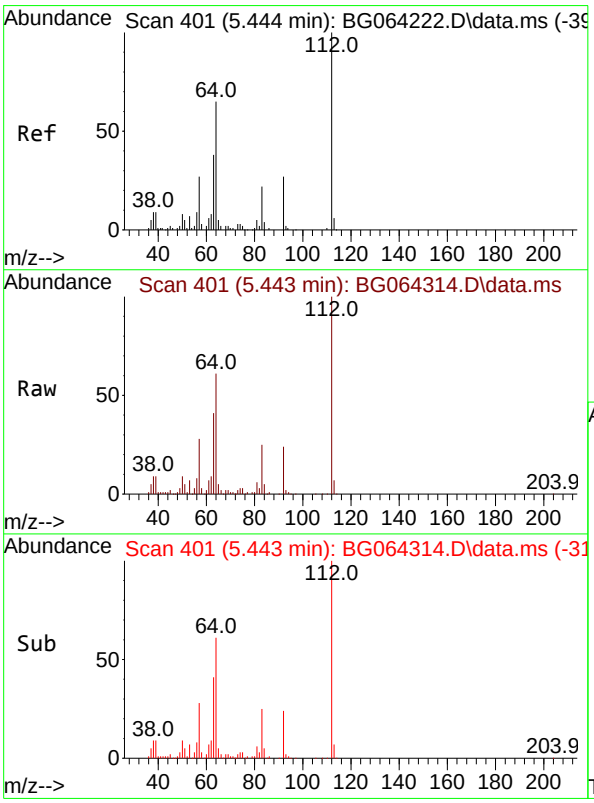
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 26525

Ion	Ratio	Lower	Upper
152	100		
150	146.4	128.0	192.0
115	59.3	55.7	83.5

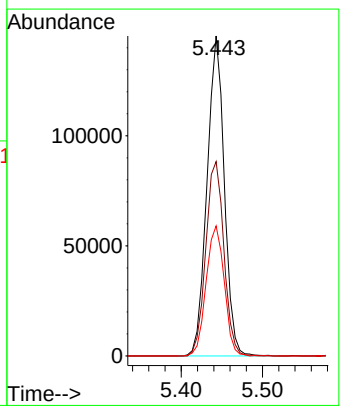


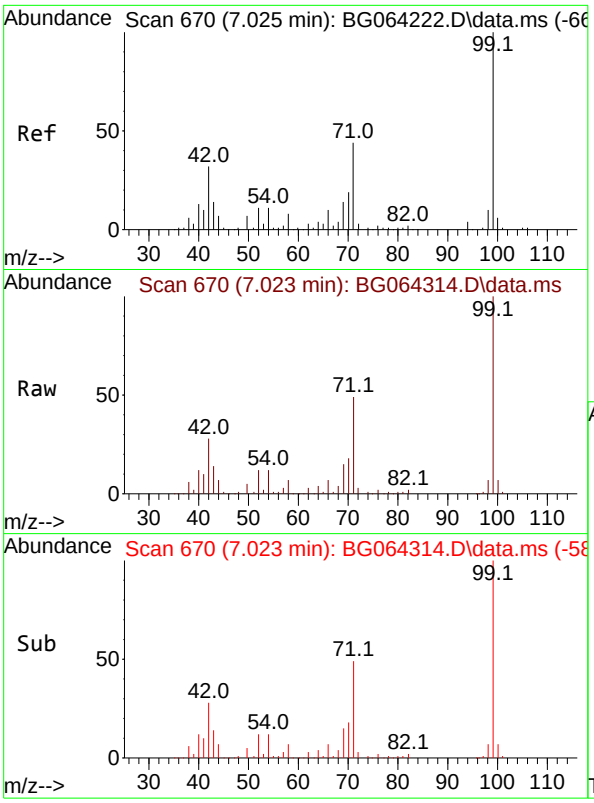


#5
2-Fluorophenol
Concen: 145.101 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.001 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion:112 Resp: 214527

Ion	Ratio	Lower	Upper
112	100		
64	60.7	51.8	77.6
63	40.7	30.6	45.8



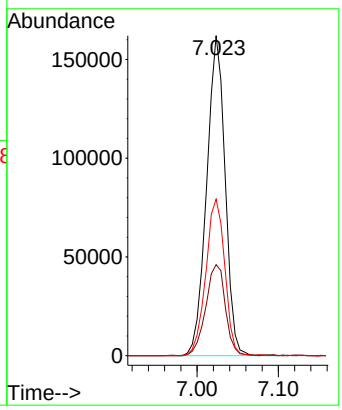


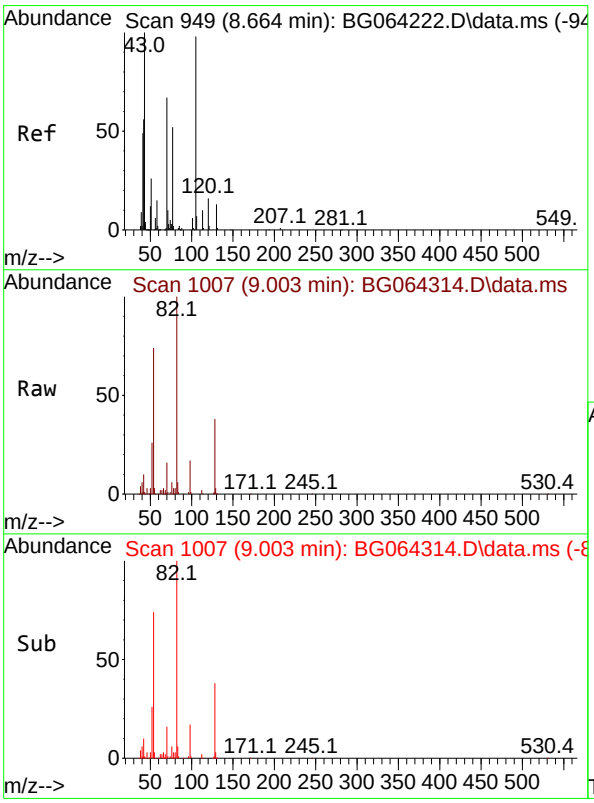
#7
Phenol-d6
Concen: 125.948 ng
RT: 7.023 min Scan# 6
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 255820

Ion	Ratio	Lower	Upper
99	100		
42	28.4	25.8	38.8
71	48.9	35.2	52.8

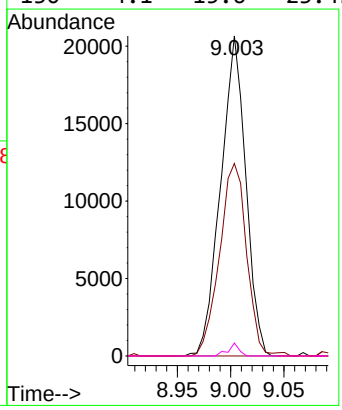


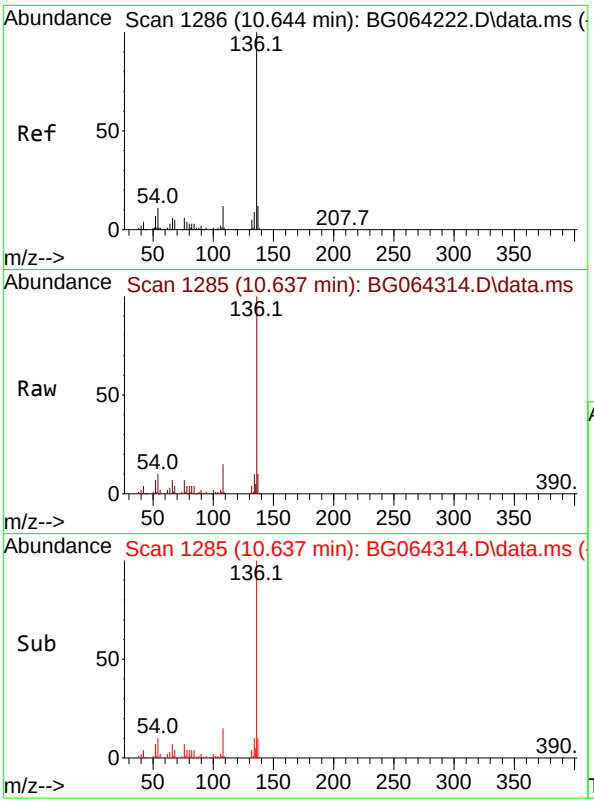


#19
n-Nitroso-di-n-propylamine
Concen: 21.786 ng
RT: 9.003 min Scan# 1007
Delta R.T. 0.339 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion: 70 Resp: 33866

Ion	Ratio	Lower	Upper
70	100		
42	60.1	67.9	101.9#
101	0.0	7.3	10.9#
130	4.1	15.6	23.4#



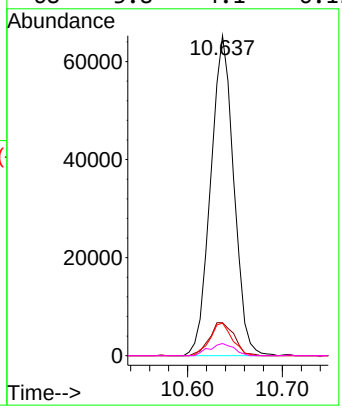


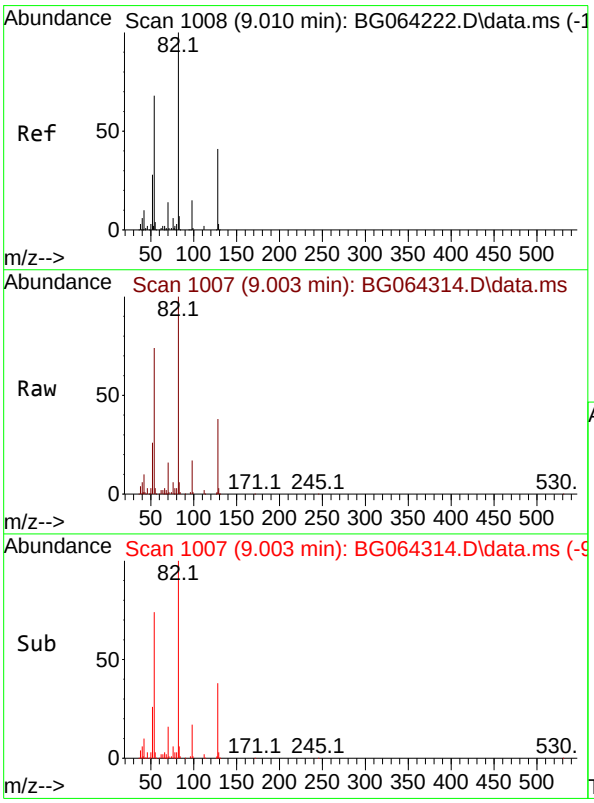
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 110588

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	10.2	8.8	13.2
68	3.8	4.1	6.1#

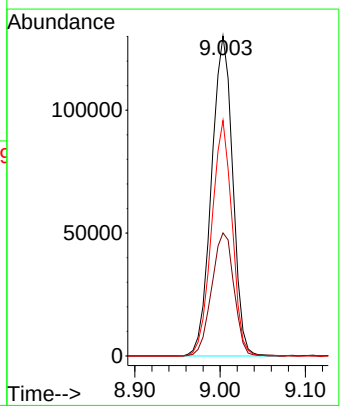


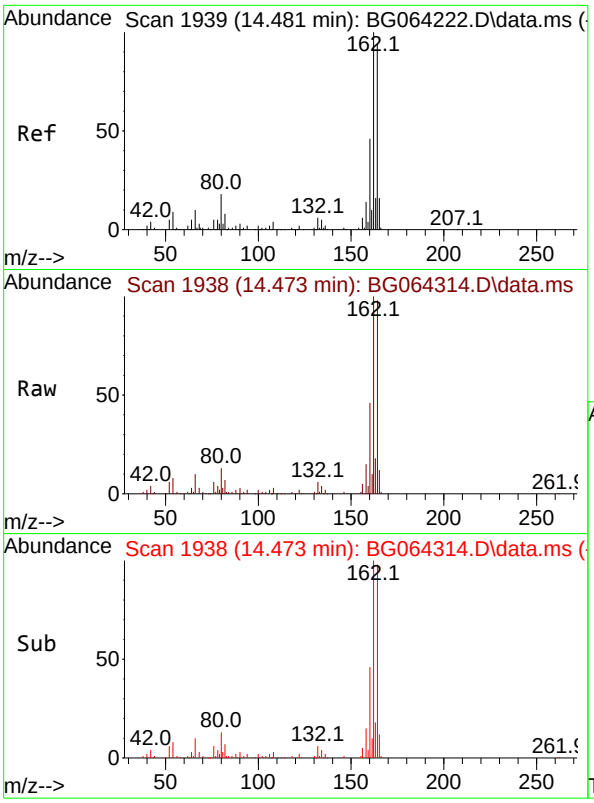


#23
Nitrobenzene-d5
Concen: 113.410 ng
RT: 9.003 min Scan# 1007
Delta R.T. -0.013 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion: 82 Resp: 224883

Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.6	48.8
54	73.6	54.7	82.1



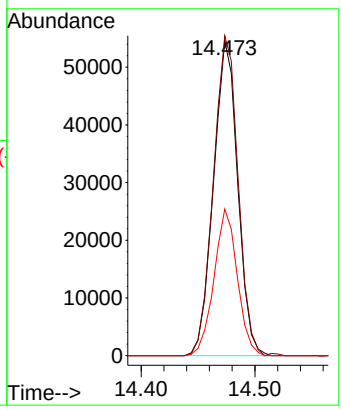


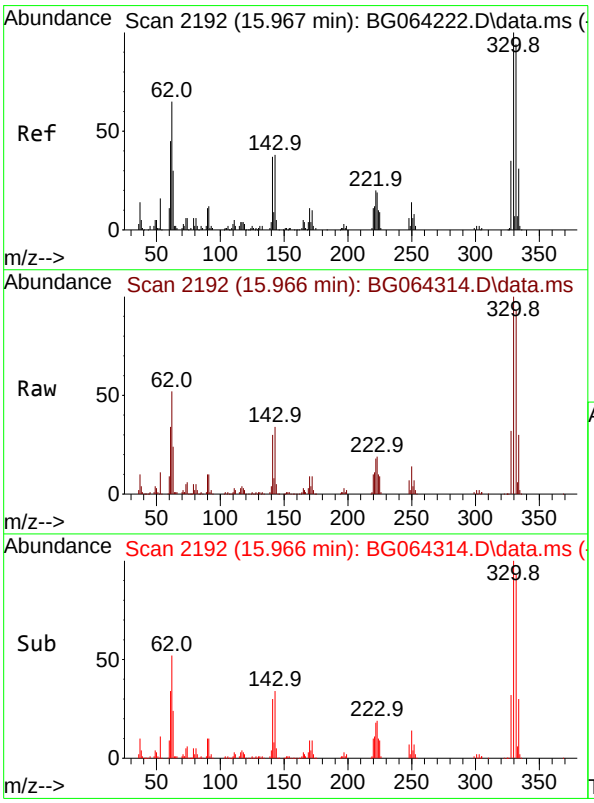
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.473 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:164 Resp: 80679

Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.4	128.0
160	46.5	39.2	58.8

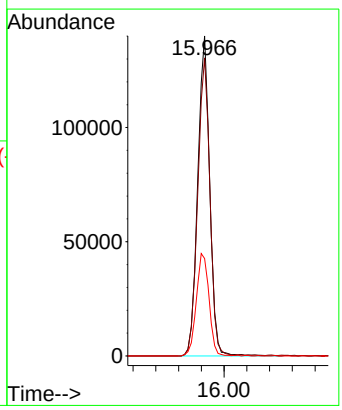


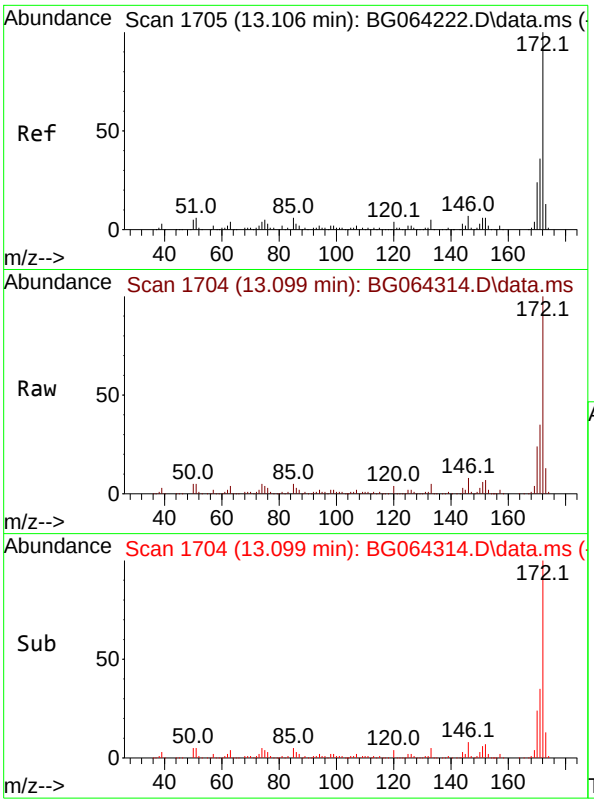


#42
2,4,6-Tribromophenol
Concen: 192.264 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion:330 Resp: 205459

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.6	116.4
141	33.8	29.8	44.6



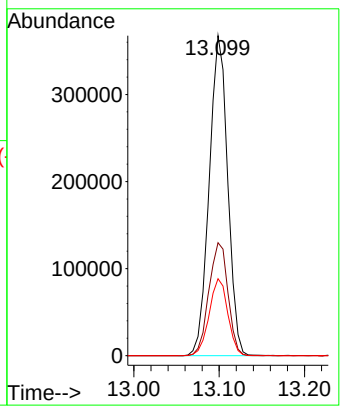


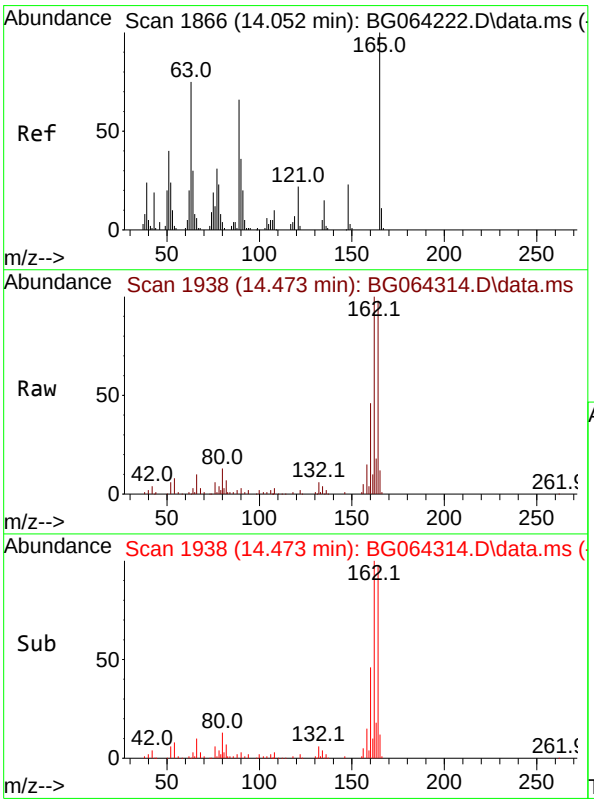
#45
2-Fluorobiphenyl
Concen: 104.941 ng
RT: 13.099 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:172 Resp: 554690

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	24.0	19.0	28.6

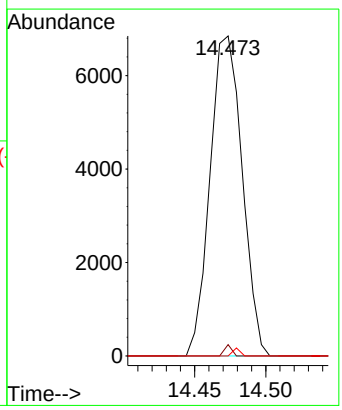


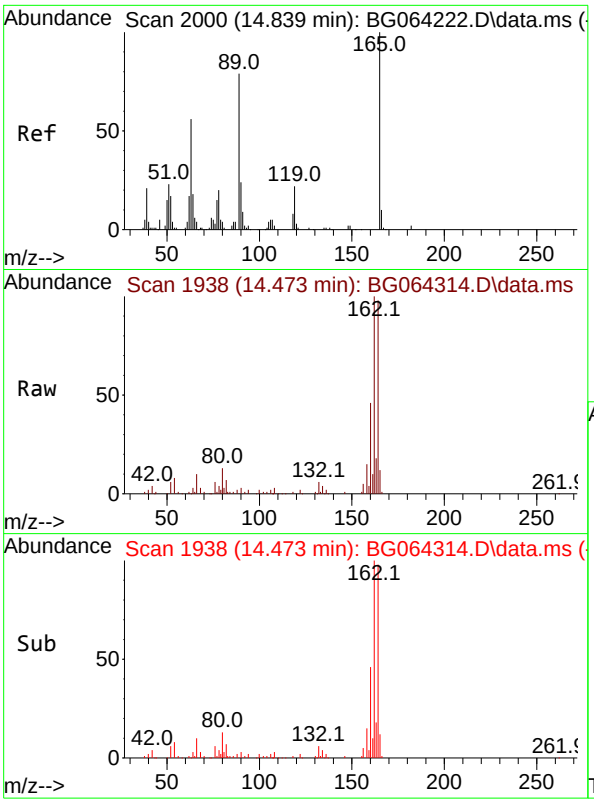


#51
2,6-Dinitrotoluene
Concen: 9.112 ng
RT: 14.473 min Scan# 1938
Delta R.T. 0.416 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion:165 Resp: 10773

Ion	Ratio	Lower	Upper
165	100		
63	3.6	60.3	90.5#
89	0.0	52.9	79.3#



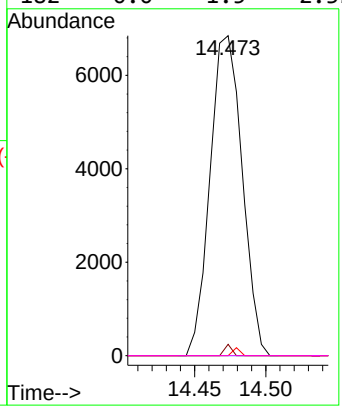


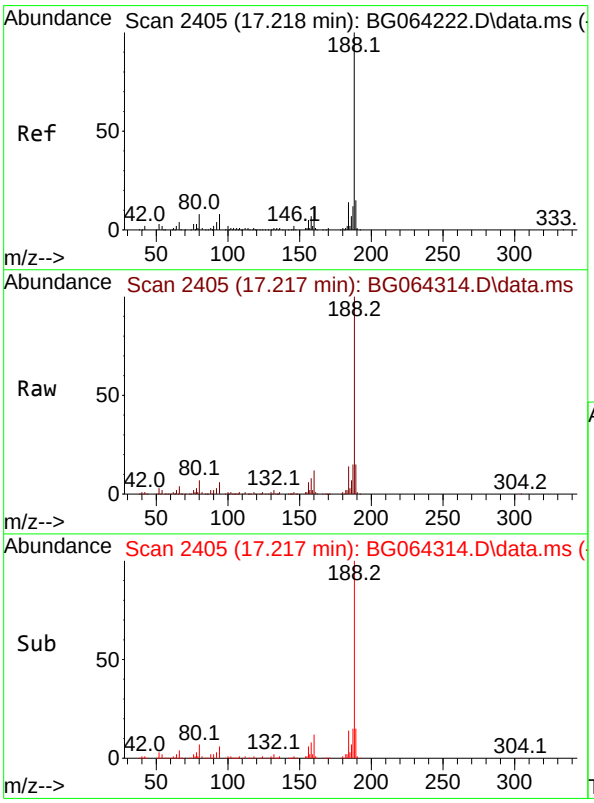
#57
2,4-Dinitrotoluene
Concen: 6.027 ng
RT: 14.473 min Scan# 1
Delta R.T. -0.372 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 10773

Ion	Ratio	Lower	Upper
165	100		
63	3.6	44.6	67.0#
89	0.0	63.0	94.4#
182	0.0	1.5	2.3#

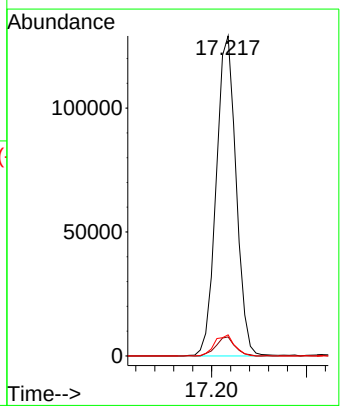


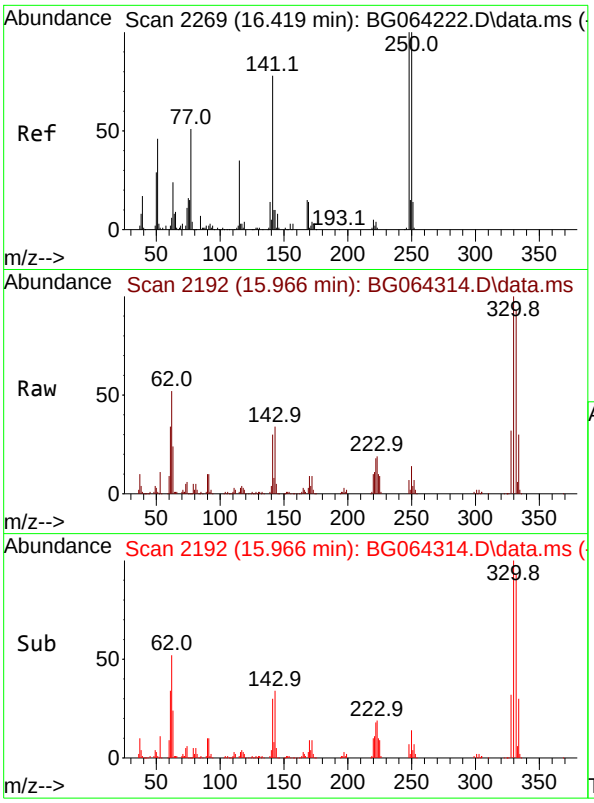


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.217 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion:188 Resp: 188097

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.2	9.4#
80	6.6	6.8	10.2#



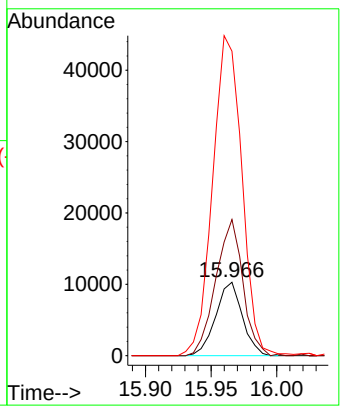


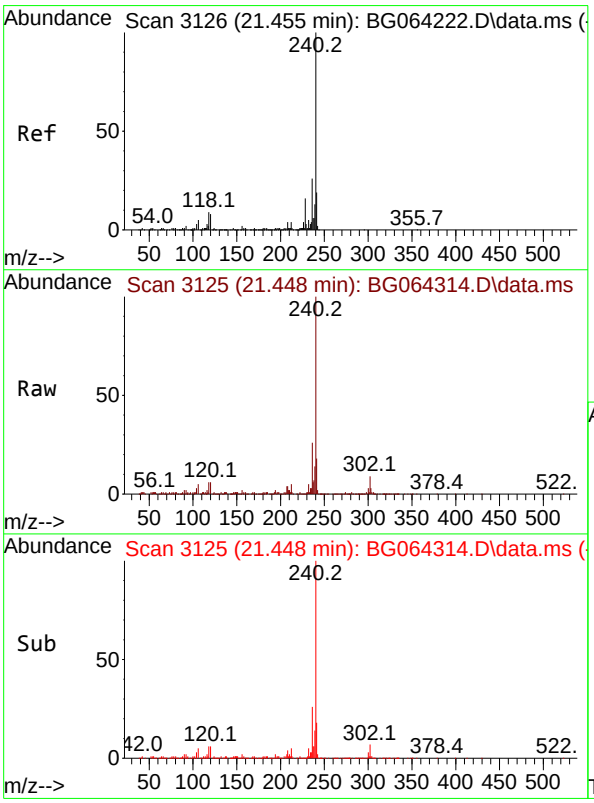
#67
4-Bromophenyl-phenylether
Concen: 7.275 ng
RT: 15.966 min Scan# 21
Delta R.T. -0.454 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:248 Resp: 14534

Ion	Ratio	Lower	Upper
248	100		
250	185.2	80.2	120.4#
141	414.3	62.4	93.6#

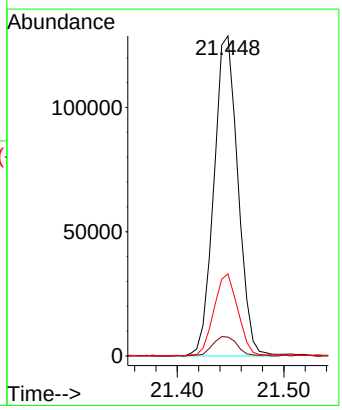


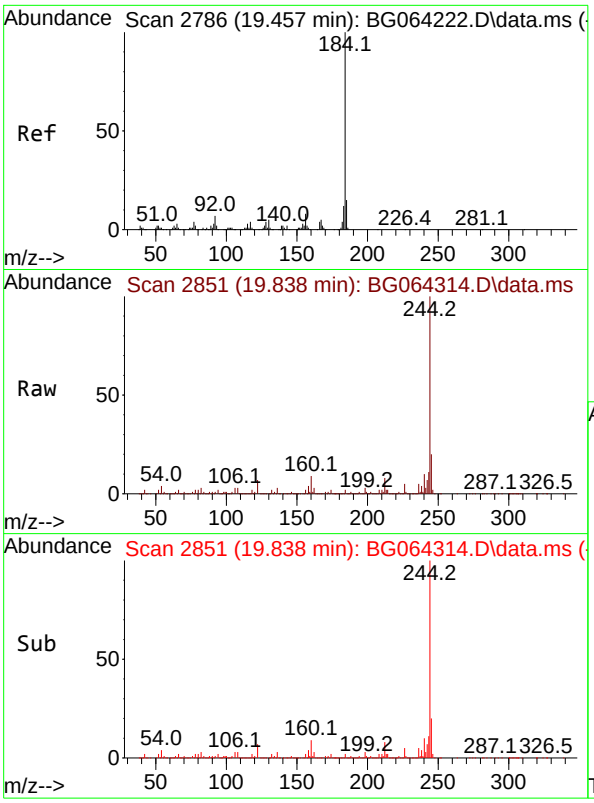


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion:240 Resp: 201519

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.2	9.4#
236	25.7	20.5	30.7



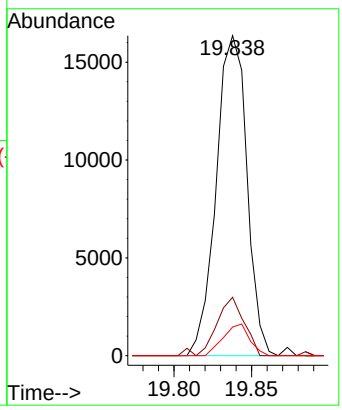


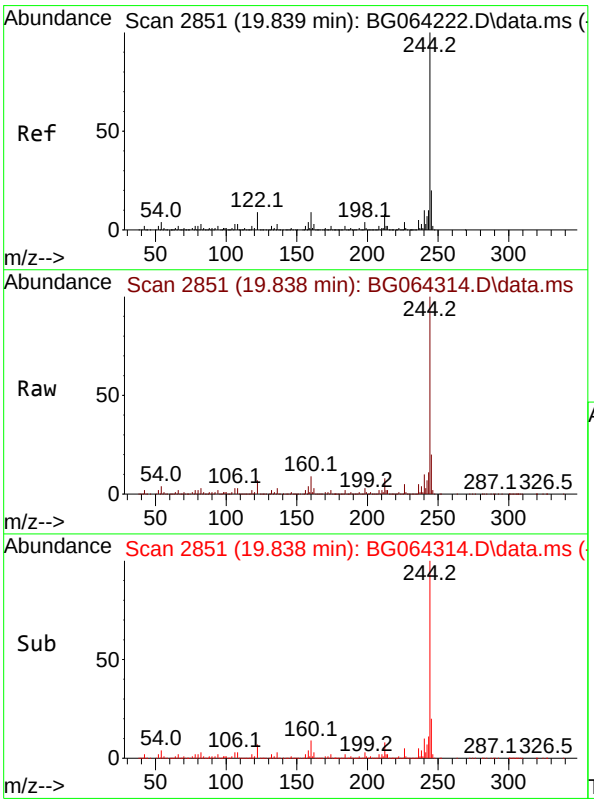
#77
Benzidine
Concen: 5.322 ng
RT: 19.838 min Scan# 2
Delta R.T. 0.380 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:184 Resp: 22562

Ion	Ratio	Lower	Upper
184	100		
185	18.2	11.7	17.5#
183	8.9	9.7	14.5#

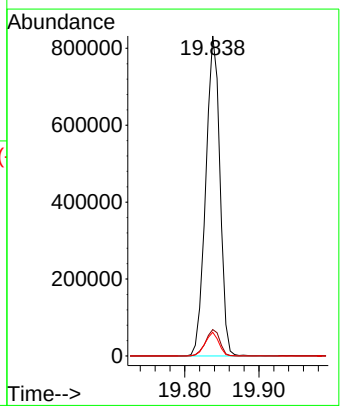


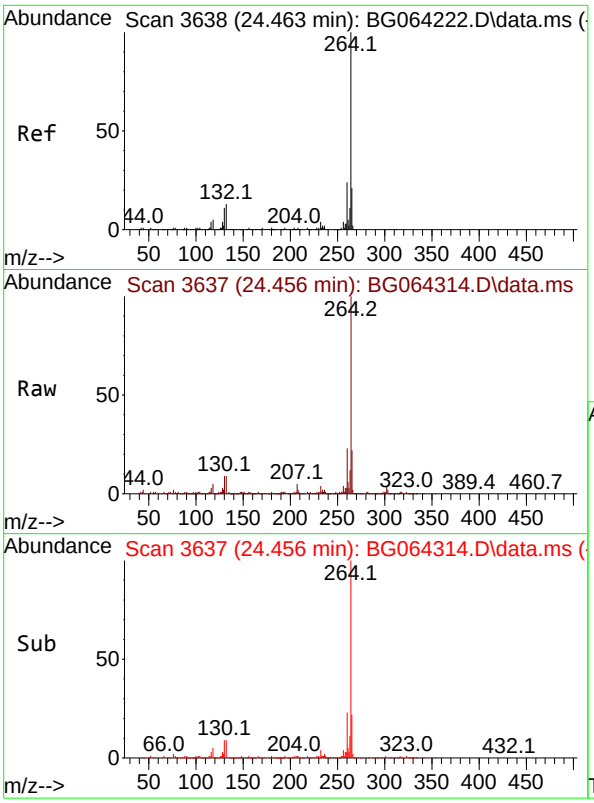


#79
Terphenyl-d14
Concen: 114.329 ng
RT: 19.838 min Scan# 2851
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion:244 Resp: 1104294

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	7.4	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 228178

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.9	16.7	25.1