Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064461.D
Acq On : 29 Sep 2025 15:53
Operator : RC/JU
Sample : Q3208-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

Quant Time: Sep 29 18:14:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 18:04:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	19890	20.000	ng	0.00
21) Naphthalene-d8	10.620	136	86049	20.000	ng	# 0.00
39) Acenaphthene-d10	14.456	164	59829	20.000	ng	0.00
64) Phenanthrene-d10	17.200	188	136856	20.000	ng	# 0.00
76) Chrysene-d12	21.425	240	150916	20.000	ng	0.00
86) Perylene-d12	24.421	264	163304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.426	112	114445	109.954	ng	0.00
7) Phenol-d6	7.006	99	132653	93.028	ng	0.00
23) Nitrobenzene-d5	8.986	82	114568	72.156	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	133061	127.396	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	293339	72.399	ng	0.00
79) Terphenyl-d14	19.821	244	690542	90.200	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.986	70	17802	18.470	ng	# 70
51) 2,6-Dinitrotoluene	14.456	165	7886	8.214	ng	# 23
57) 2,4-Dinitrotoluene	14.456	165	7886	5.381	ng	# 22
67) 4-Bromophenyl-phenylether	15.943	248	9103	5.677	ng	# 1
77) Benzidine	19.821	184	13111	3.318	ng	# 97

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

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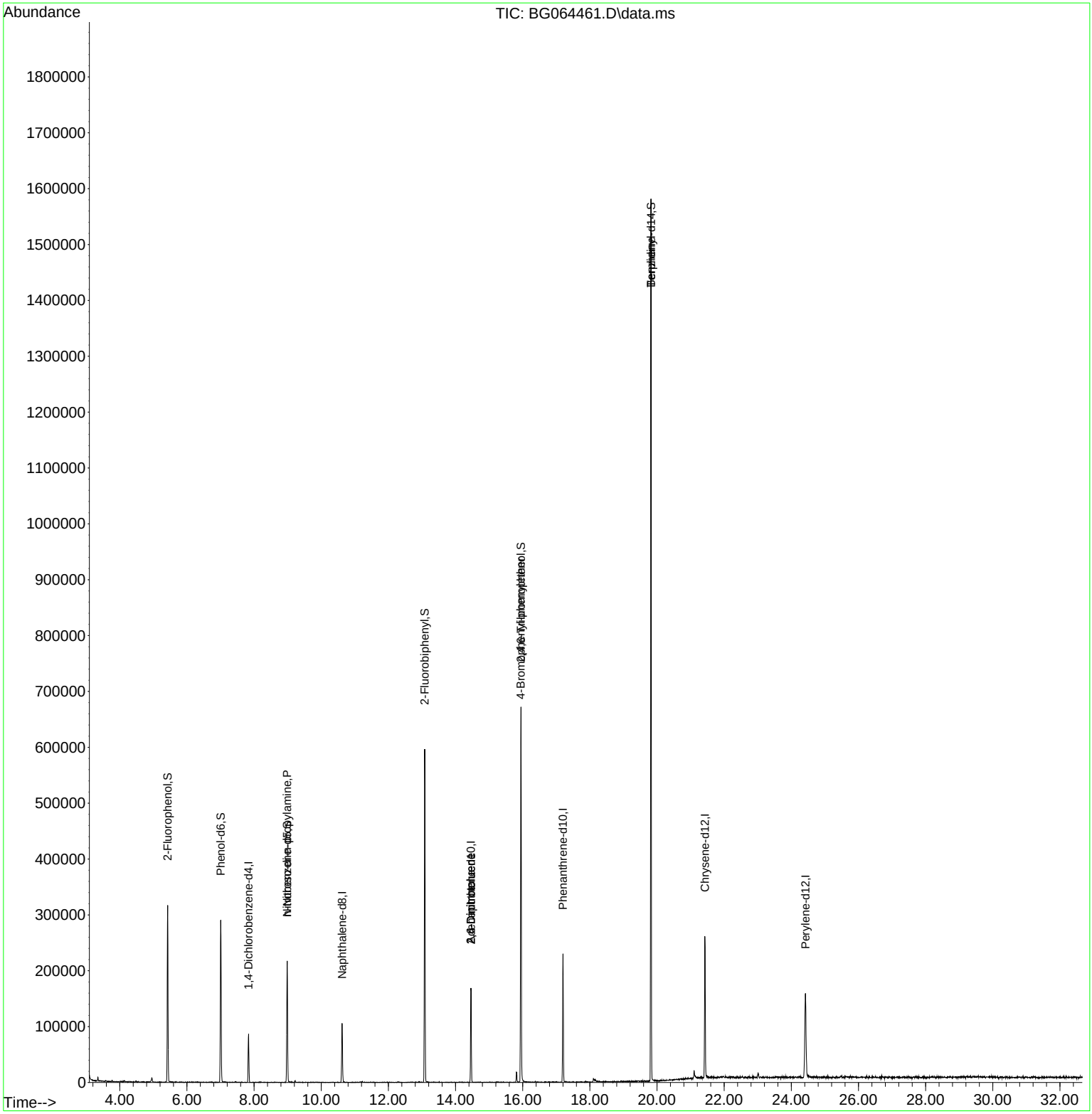
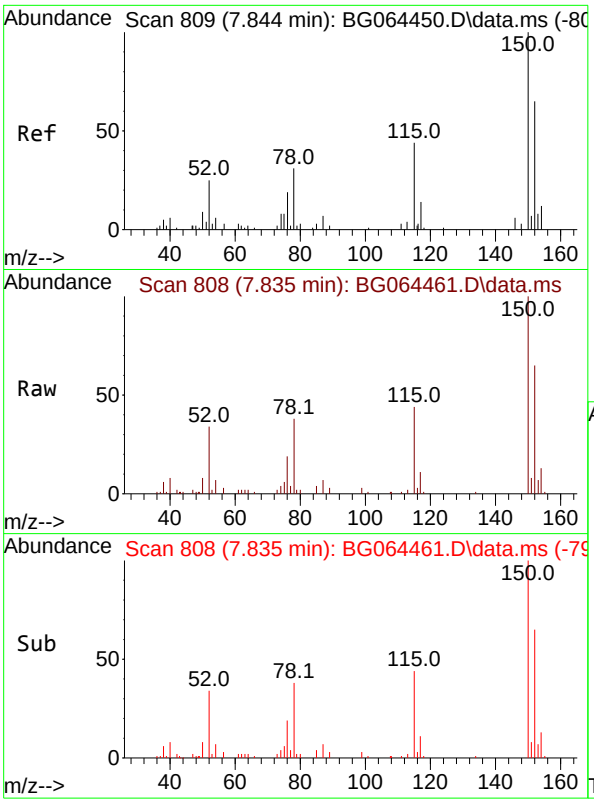


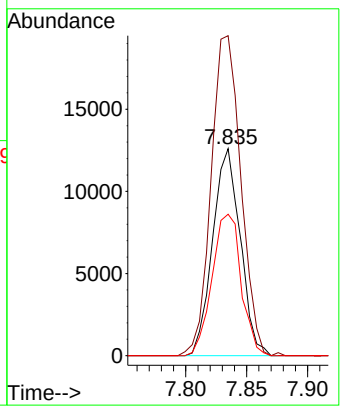


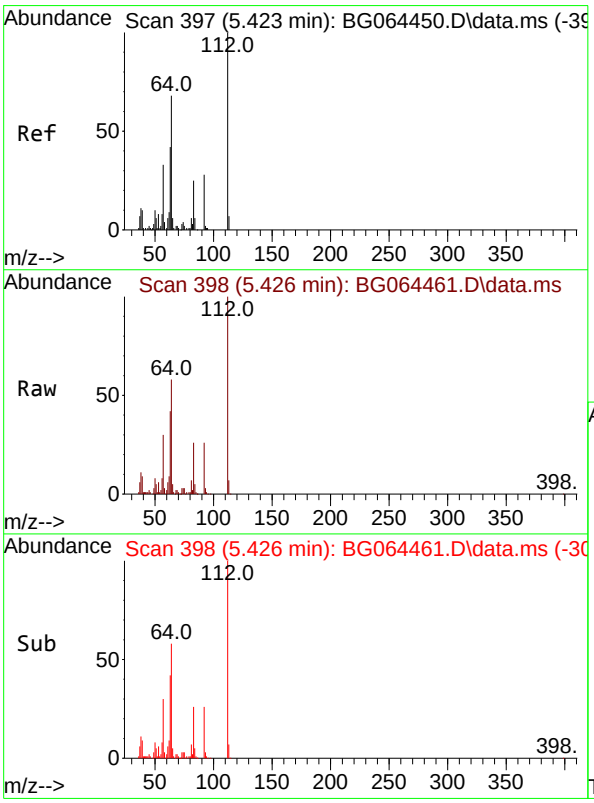
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.835 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:152 Resp: 19890

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.9	184.3
115	68.3	54.3	81.5

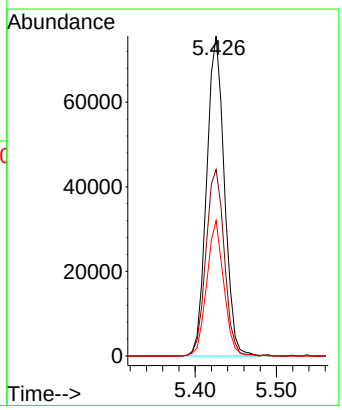


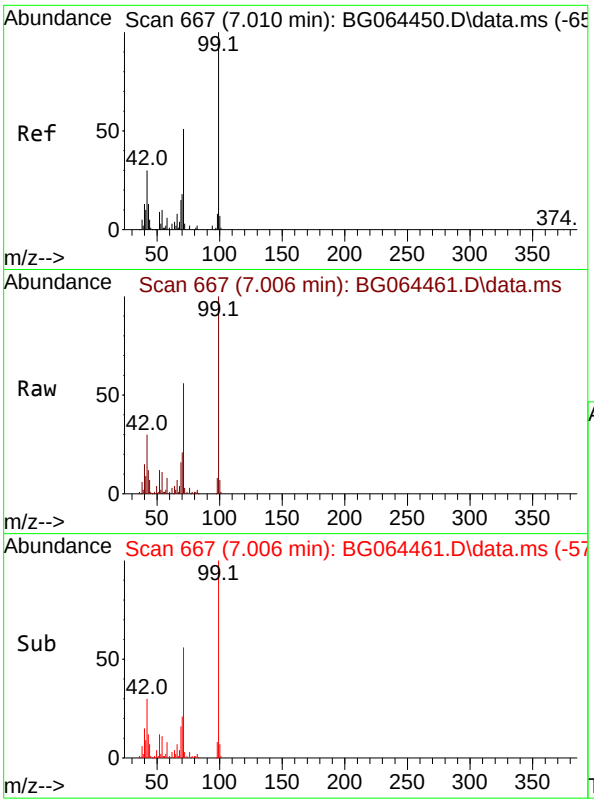


#5
2-Fluorophenol
Concen: 109.954 ng
RT: 5.426 min Scan# 398
Delta R.T. 0.002 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Tgt Ion:112 Resp: 114445

Ion	Ratio	Lower	Upper
112	100		
64	58.2	54.0	81.0
63	42.4	33.8	50.6



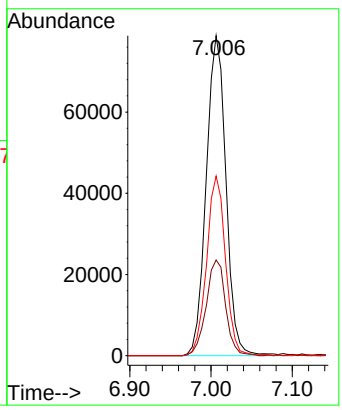


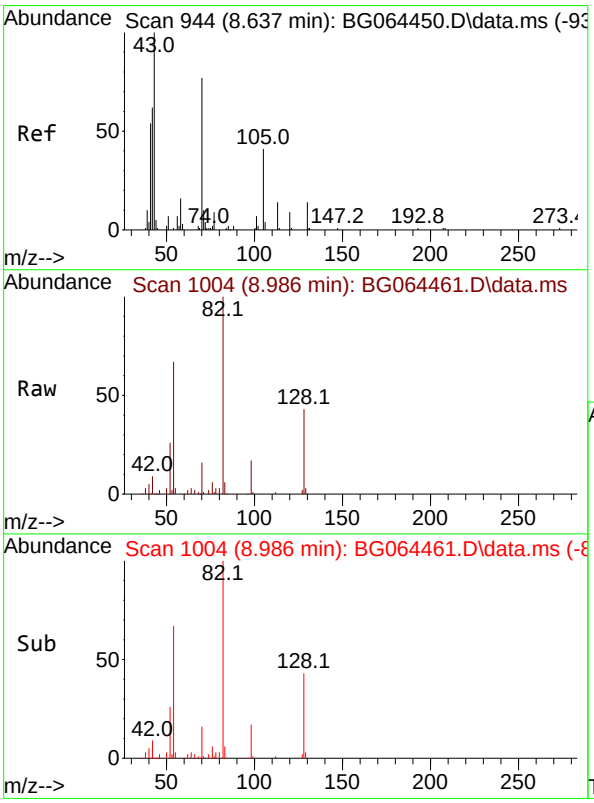
#7
Phenol-d6
Concen: 93.028 ng
RT: 7.006 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 99 Resp: 132653

Ion	Ratio	Lower	Upper
99	100		
42	29.9	24.0	36.0
71	56.1	40.5	60.7

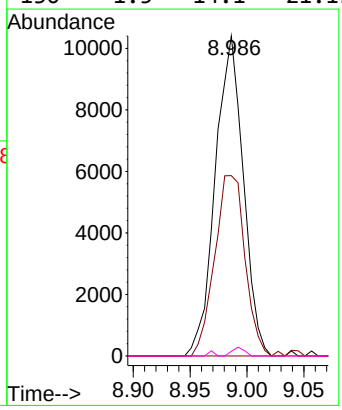


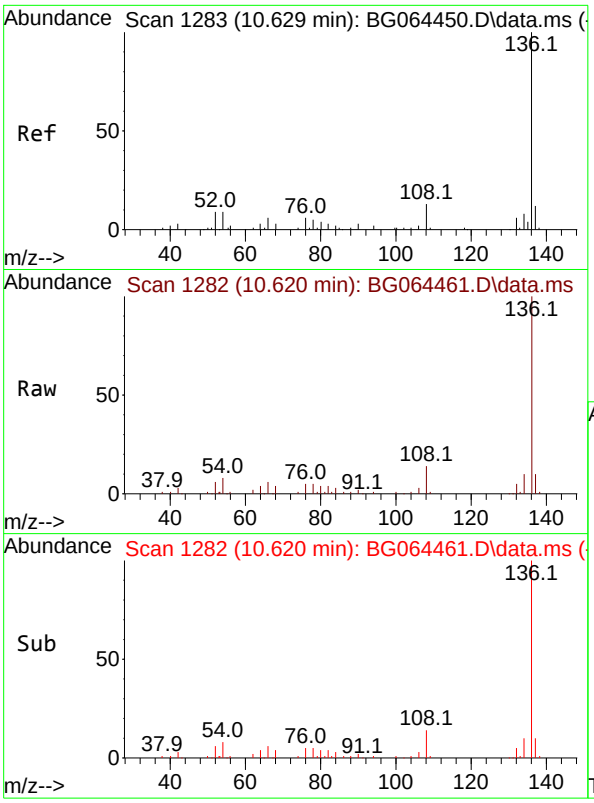


#19
n-Nitroso-di-n-propylamine
Concen: 18.470 ng
RT: 8.986 min Scan# 1004
Delta R.T. 0.349 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Tgt Ion: 70 Resp: 17802

Ion	Ratio	Lower	Upper
70	100		
42	56.3	65.6	98.4#
101	0.0	7.7	11.5#
130	1.5	14.1	21.1#



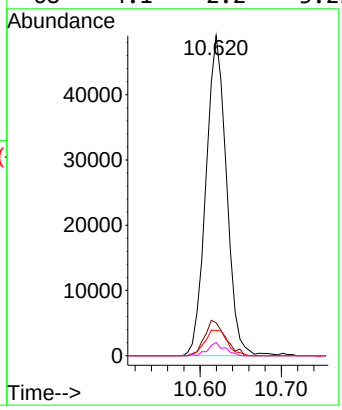


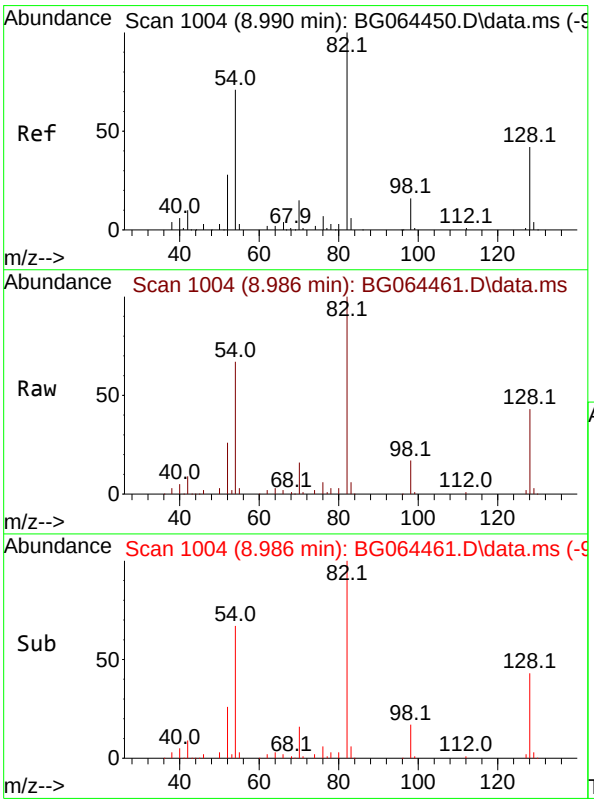
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.620 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:136 Resp: 86049

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	7.9	7.4	11.2
68	4.1	2.2	3.2#

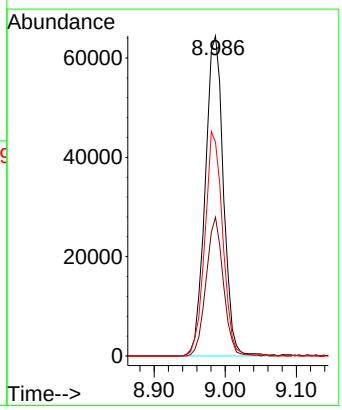


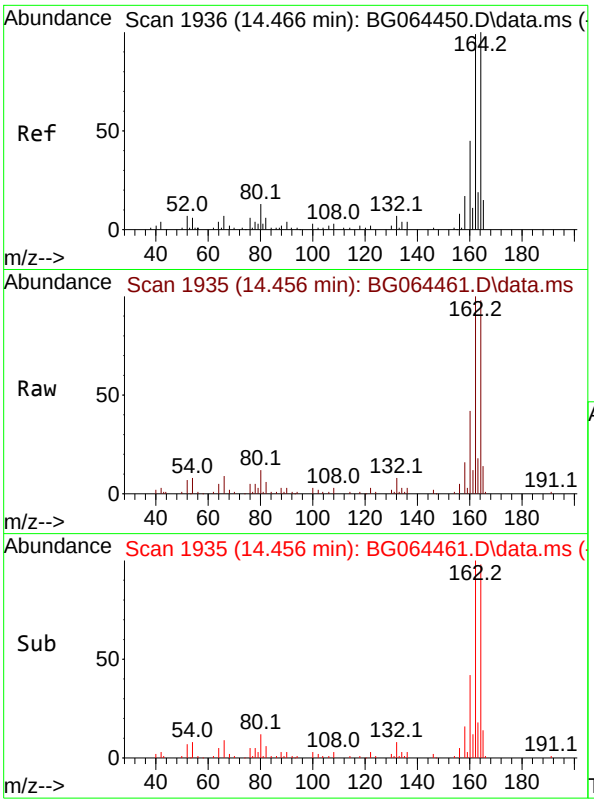


#23
Nitrobenzene-d5
Concen: 72.156 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Tgt Ion: 82 Resp: 114568

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.7	50.5
54	66.8	57.0	85.6



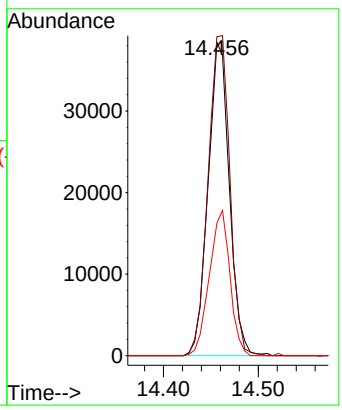


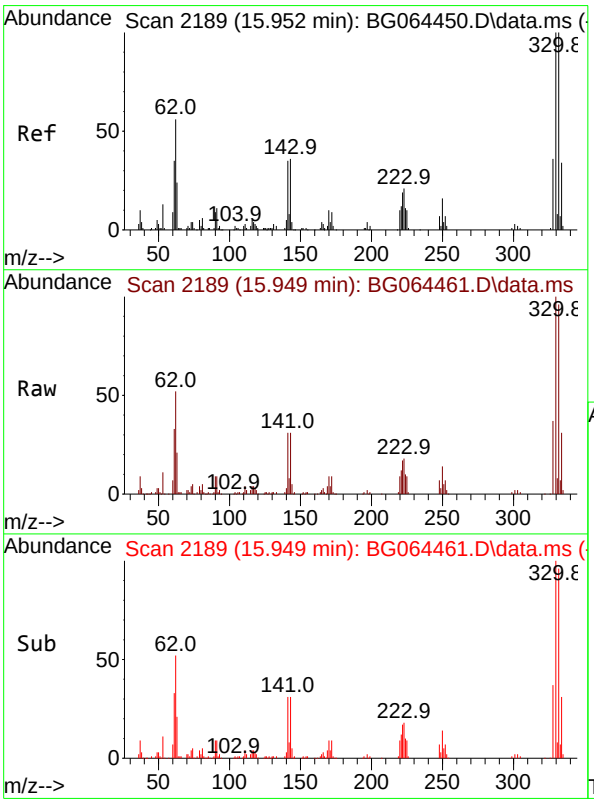
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:164 Resp: 59829

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.0	118.4
160	42.4	36.3	54.5

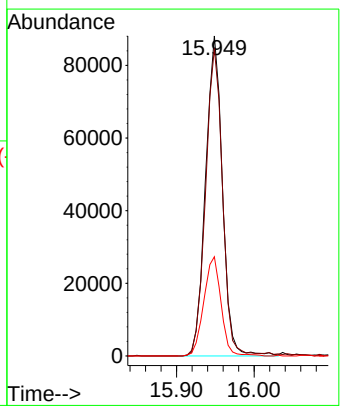


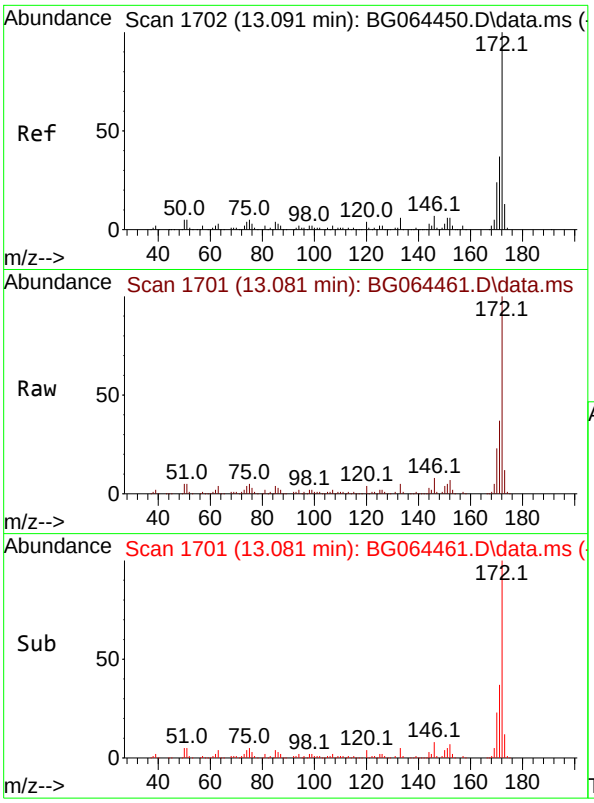


#42
2,4,6-Tribromophenol
Concen: 127.396 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Tgt Ion:330 Resp: 133061

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.8	118.2
141	31.7	27.3	40.9



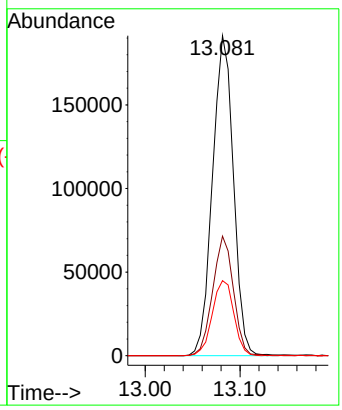


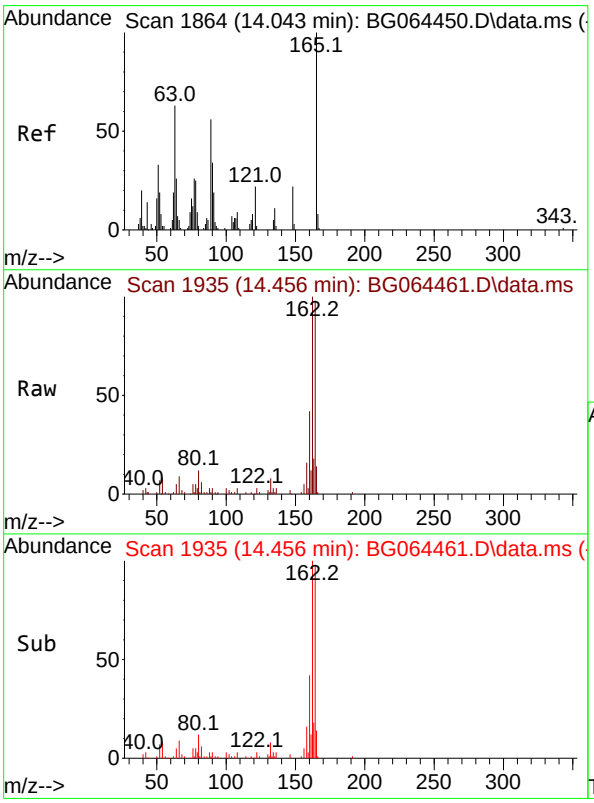
#45
2-Fluorobiphenyl
Concen: 72.399 ng
RT: 13.081 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:172 Resp: 293339

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.2
170	23.4	18.9	28.3

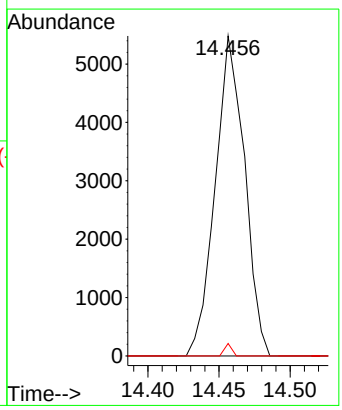


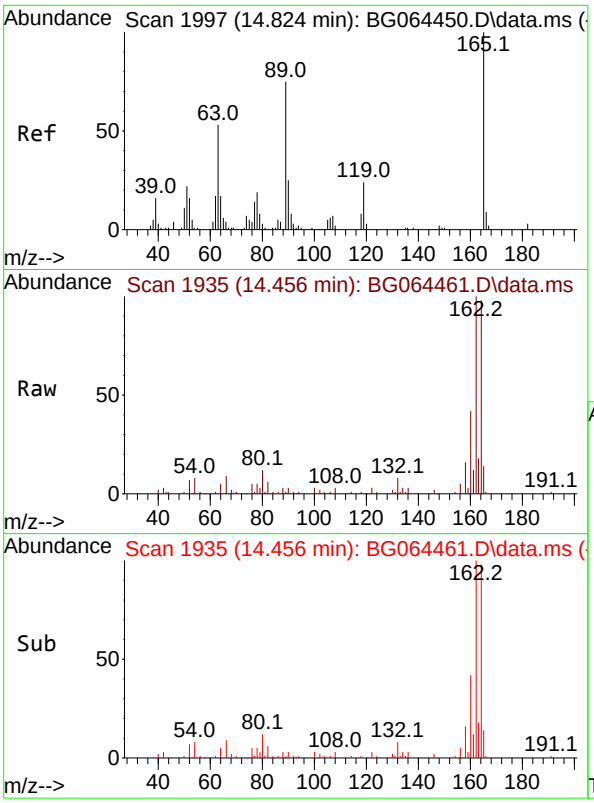


#51
2,6-Dinitrotoluene
Concen: 8.214 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.414 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Tgt Ion:165 Resp: 7886

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.6	75.8#
89	3.9	44.6	67.0#



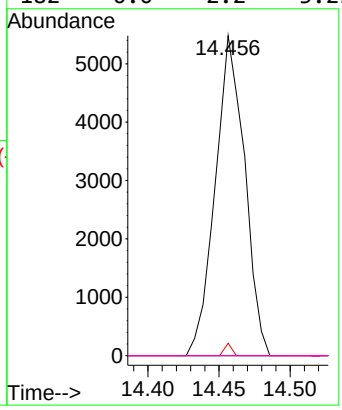


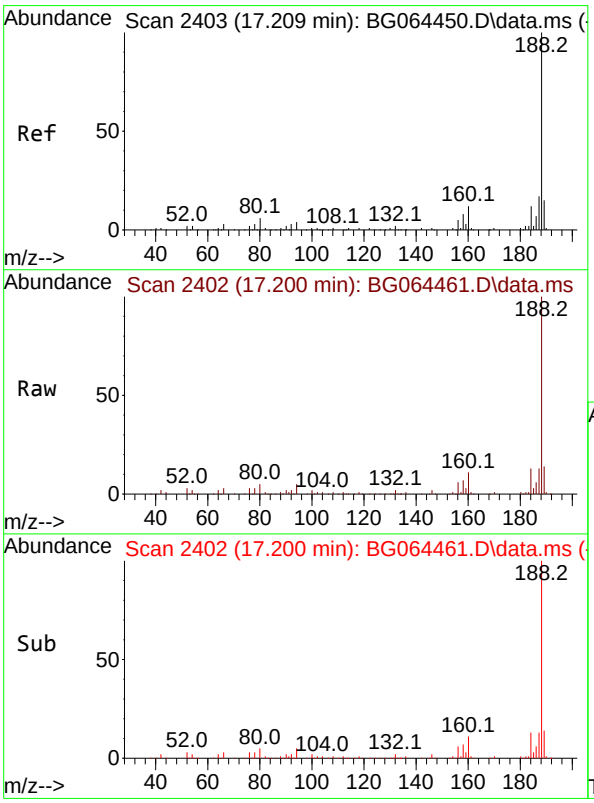
#57
2,4-Dinitrotoluene
Concen: 5.381 ng
RT: 14.456 min Scan# 1
Delta R.T. -0.368 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:165 Resp: 7886

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.6	63.8#
89	3.9	59.7	89.5#
182	0.0	2.2	3.2#

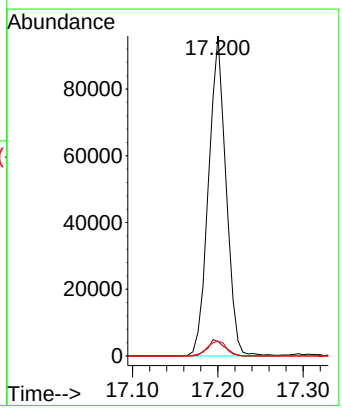


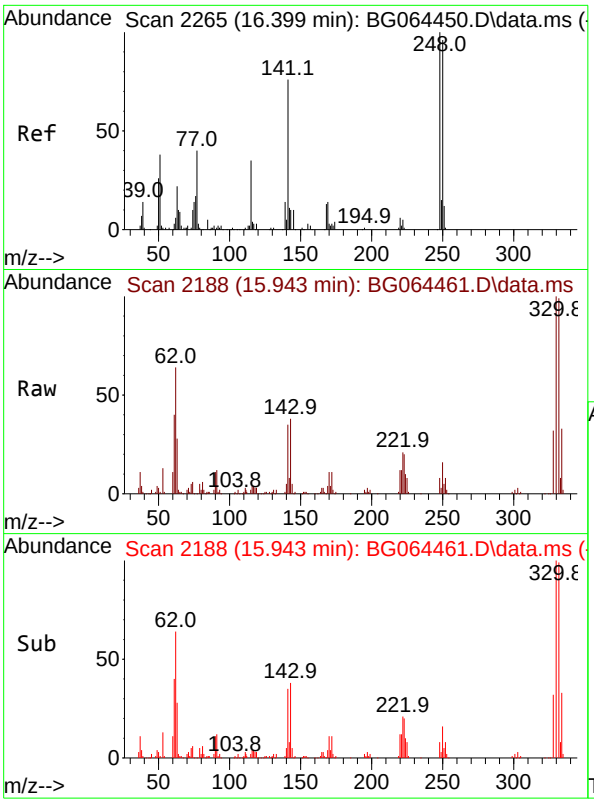


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Tgt Ion:188 Resp: 136856

Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.0	4.4#
80	4.6	4.9	7.3#



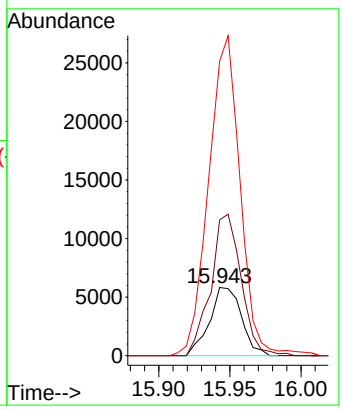


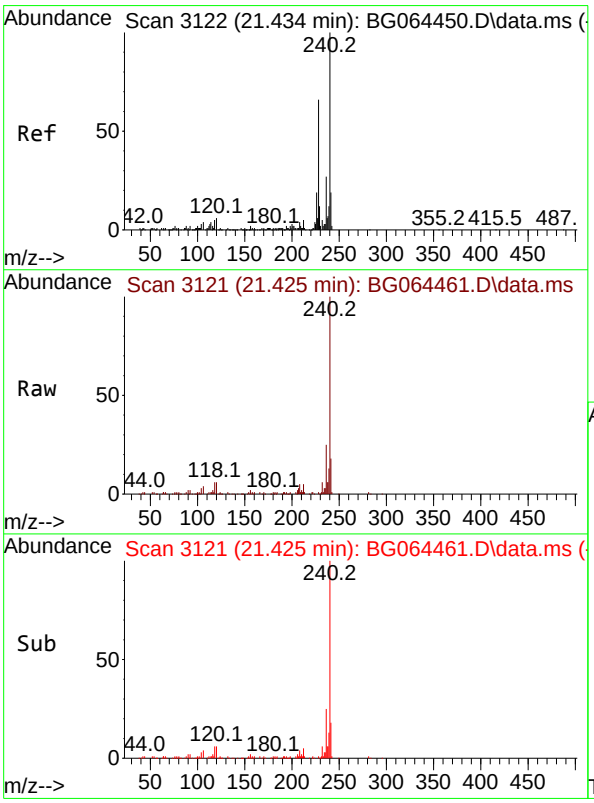
#67
4-Bromophenyl-phenylether
Concen: 5.677 ng
RT: 15.943 min Scan# 21
Delta R.T. -0.456 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:248 Resp: 9103

Ion	Ratio	Lower	Upper
248	100		
250	199.3	77.0	115.6#
141	432.2	61.1	91.7#

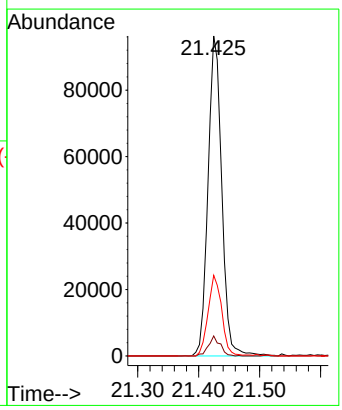


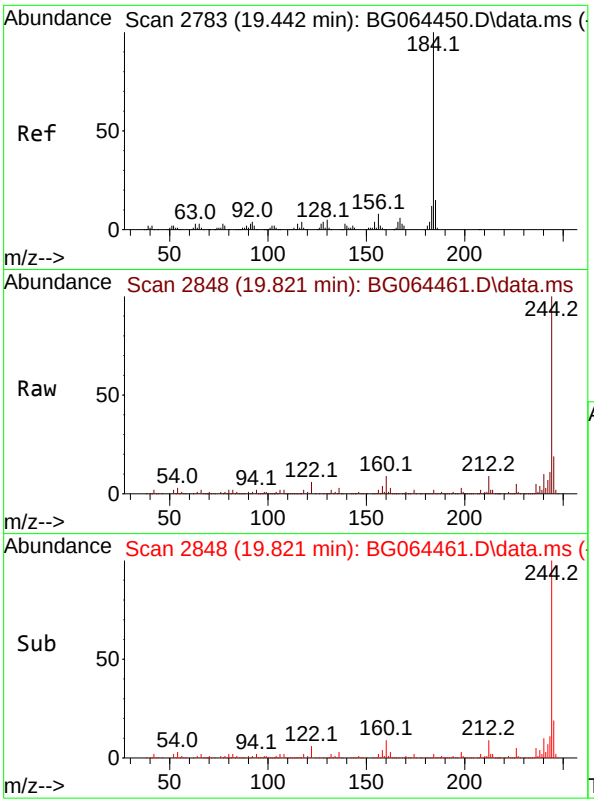


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.425 min Scan# 3121
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Tgt Ion:240 Resp: 150916

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.0	7.4
236	25.2	21.9	32.9



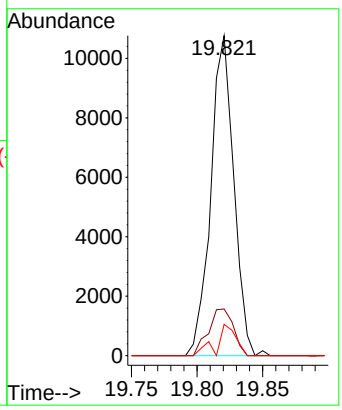


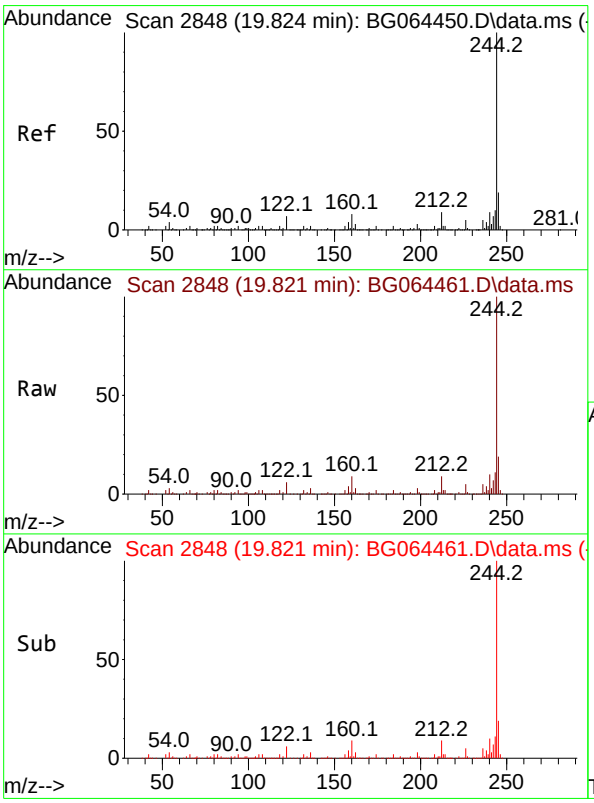
#77
Benzidine
Concen: 3.318 ng
RT: 19.821 min Scan# 2
Delta R.T. 0.378 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:184 Resp: 13111

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	9.8	10.0	15.0#

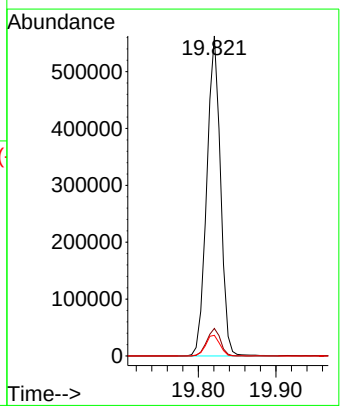


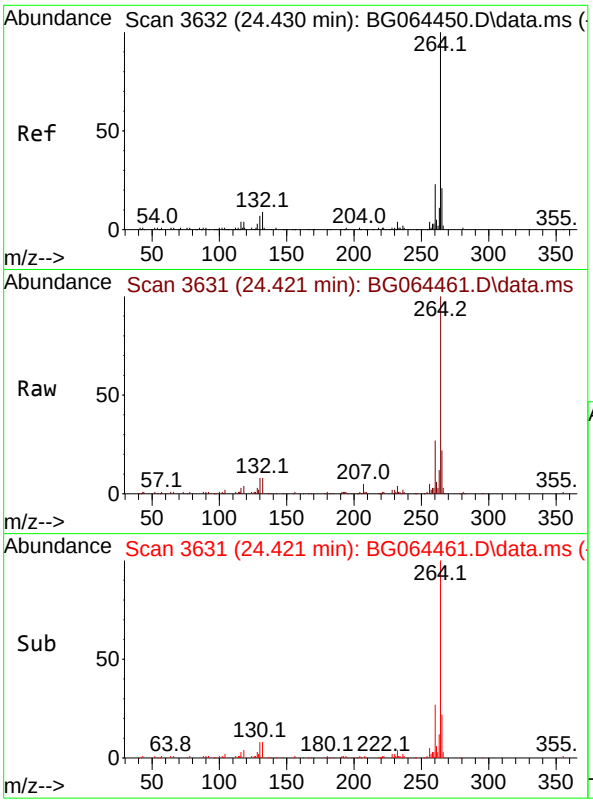


#79
Terphenyl-d14
Concen: 90.200 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.003 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Tgt Ion:244 Resp: 690542

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.2	10.8
122	6.5	5.7	8.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.421 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion:264 Resp: 163304

Ion	Ratio	Lower	Upper
264	100		
260	27.1	18.6	27.8
265	21.6	16.7	25.1