Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
Data File : BG064637.D
Acq On : 30 Oct 2025 12:17
Operator : RC/JU
Sample : PB170286BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Quant Time: Oct 30 12:52:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	25136	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	99198	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	73729	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	191571	20.000	ng	0.00
76) Chrysene-d12	21.848	240	261407	20.000	ng	-0.02
86) Perylene-d12	25.191	264	302809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	198539	132.577	ng	0.00
7) Phenol-d6	7.353	99	259688	126.373	ng	0.00
23) Nitrobenzene-d5	9.380	82	168217	101.852	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	157646	148.145	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	425146	87.403	ng	0.00
79) Terphenyl-d14	20.168	244	1099593	79.383	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.380	70	21646	15.242	ng	# 72
48) 2-Nitroaniline	13.470	65	960	3.899	ng	# 17
51) 2,6-Dinitrotoluene	14.839	165	9669	12.889	ng	# 20
57) 2,4-Dinitrotoluene	14.839	165	9669	9.342	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.313	198	431	5.880	ng	# 1
67) 4-Bromophenyl-phenylether	16.313	248	10370	4.568	ng	# 1
77) Benzidine	20.168	184	16195	2.765	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
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Quant Time: Oct 30 12:52:23 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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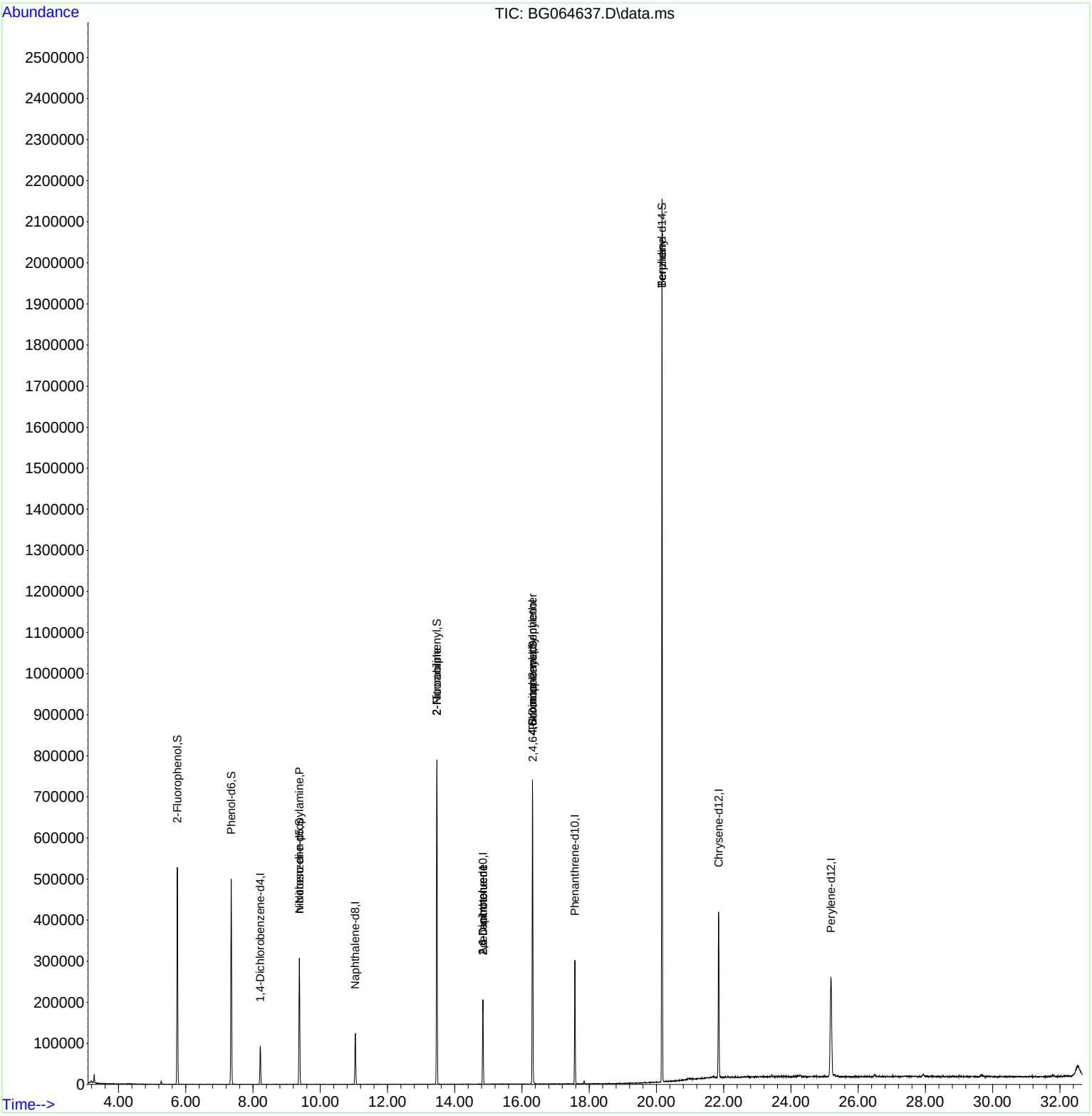
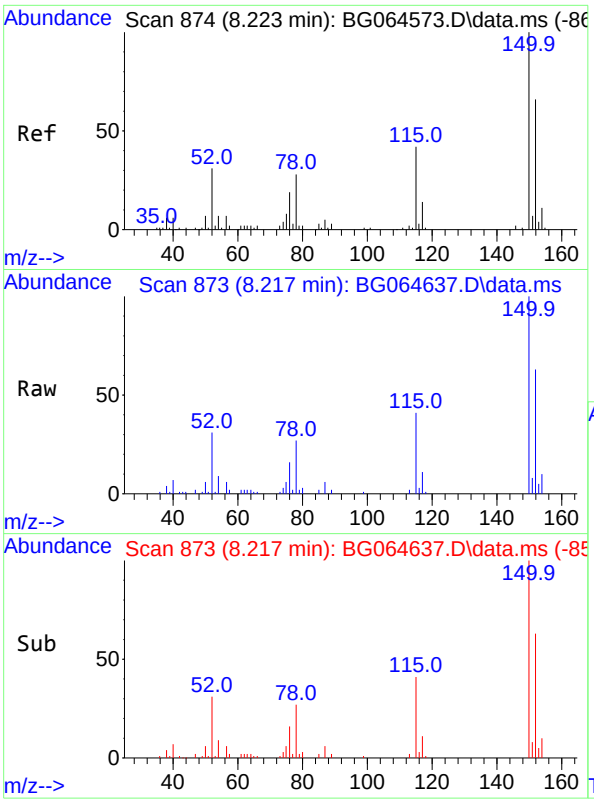


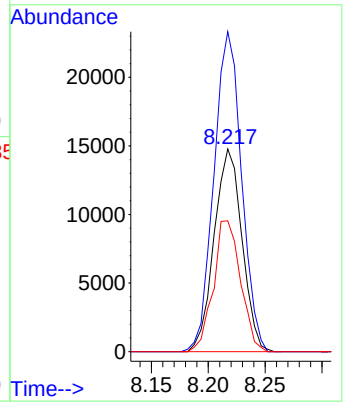


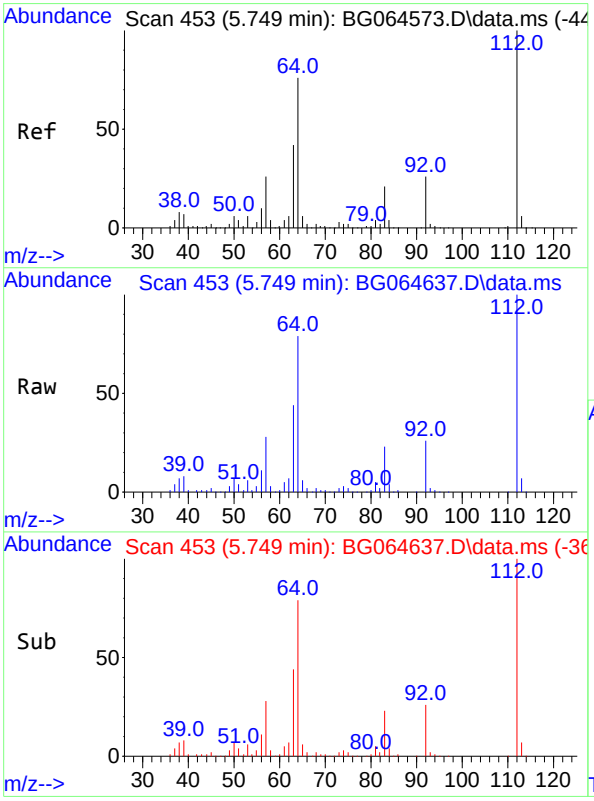
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Tgt Ion:152 Resp: 25136

Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.2	183.4
115	64.6	50.8	76.2

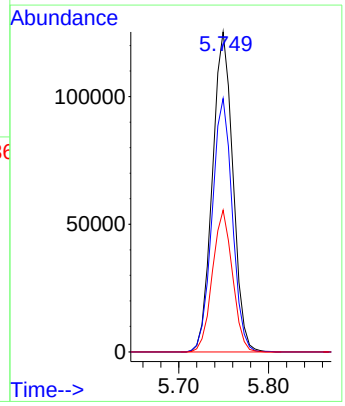


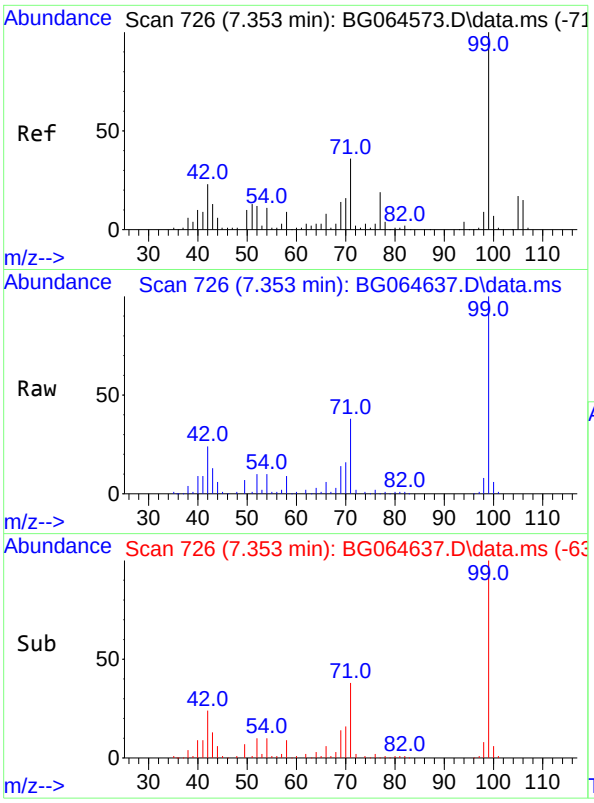


#5
2-Fluorophenol
Concen: 132.577 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion:112 Resp: 198539

Ion	Ratio	Lower	Upper
112	100		
64	79.2	60.7	91.1
63	44.3	33.4	50.0



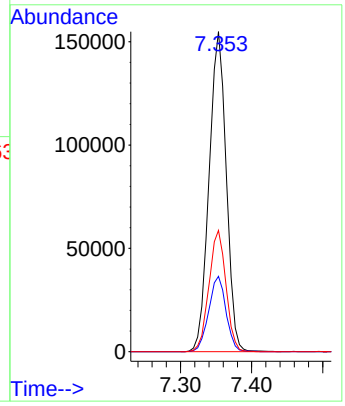


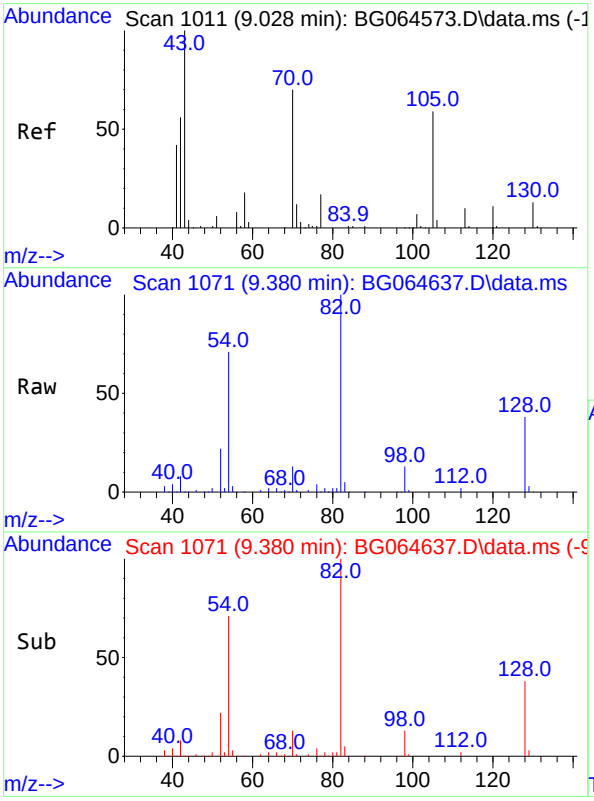
#7
Phenol-d6
Concen: 126.373 ng
RT: 7.353 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Tgt Ion: 99 Resp: 259688

Ion	Ratio	Lower	Upper
99	100		
42	23.5	18.3	27.5
71	37.9	28.6	43.0

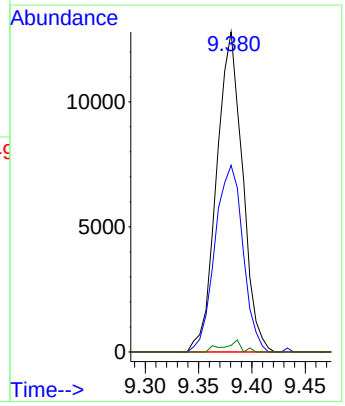


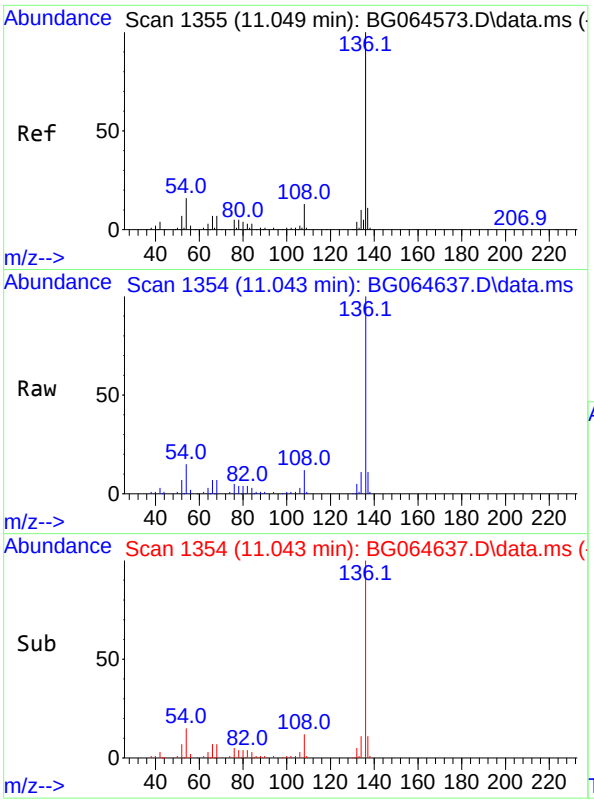


#19
n-Nitroso-di-n-propylamine
Concen: 15.242 ng
RT: 9.380 min Scan# 1071
Delta R.T. 0.349 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion: 70 Resp: 21646

Ion	Ratio	Lower	Upper
70	100		
42	58.3	65.2	97.8#
101	0.0	7.9	11.9#
130	2.1	14.3	21.5#



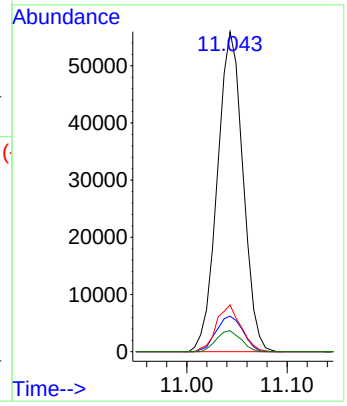


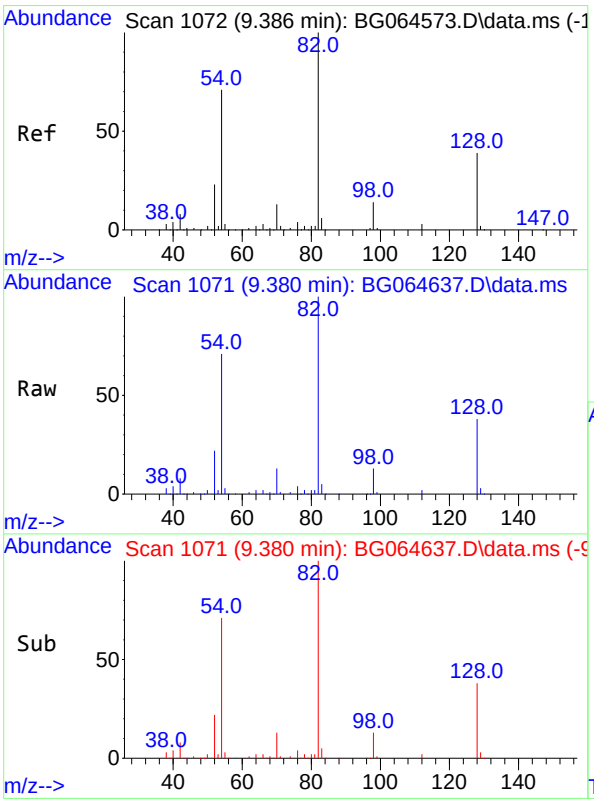
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Tgt Ion:136 Resp: 99198

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	14.6	12.6	19.0
68	6.6	5.7	8.5

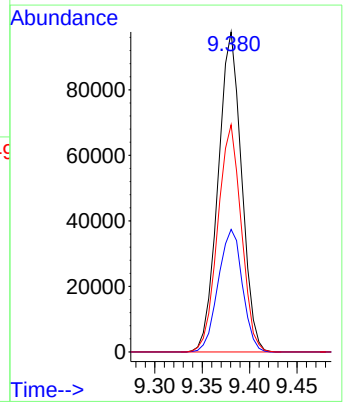


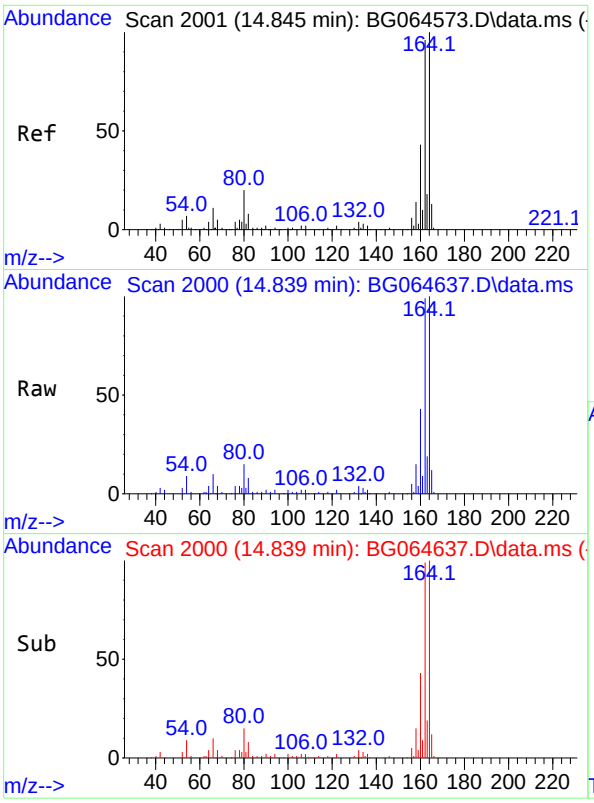


#23
Nitrobenzene-d5
Concen: 101.852 ng
RT: 9.380 min Scan# 1071
Delta R.T. -0.010 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion: 82 Resp: 168217

Ion	Ratio	Lower	Upper
82	100		
128	38.3	31.3	46.9
54	71.0	56.6	84.8



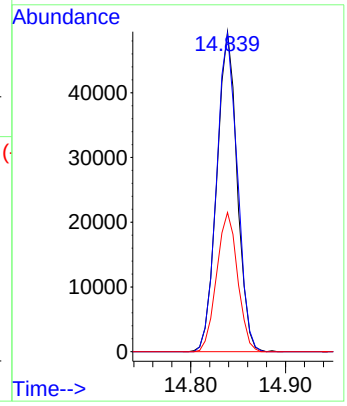


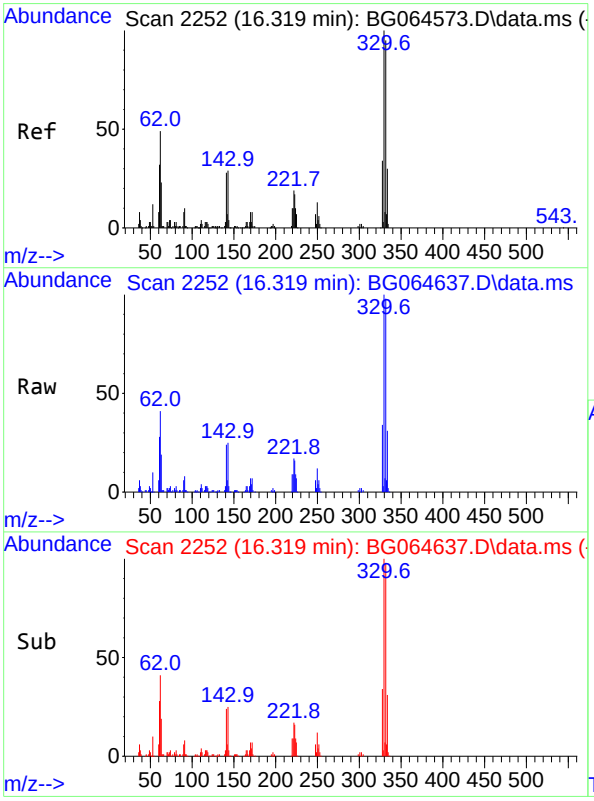
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Tgt Ion:164 Resp: 73729

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.0	115.6
160	43.5	34.4	51.6

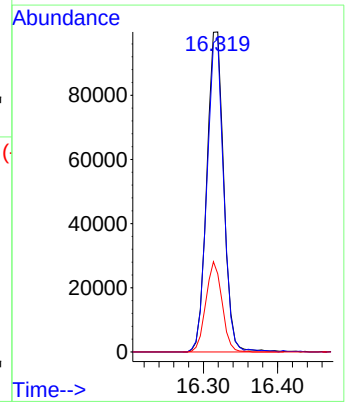


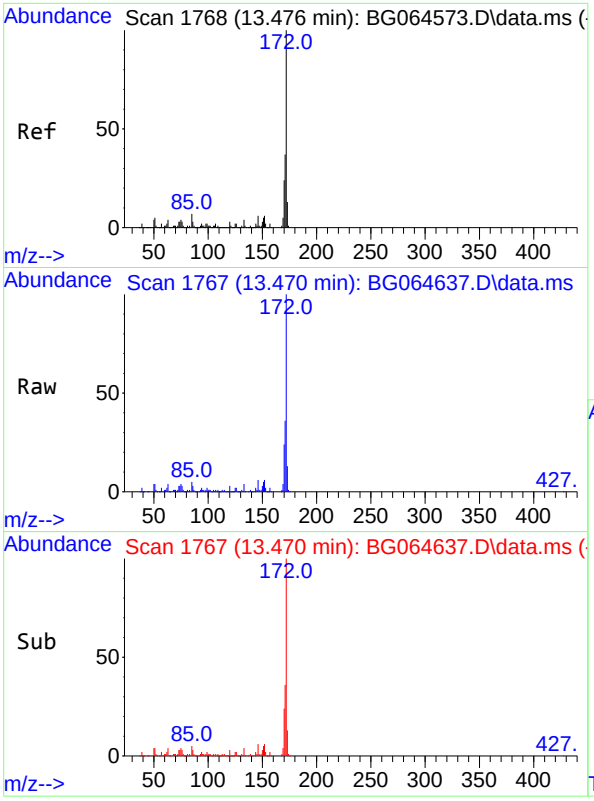


#42
2,4,6-Tribromophenol
Concen: 148.145 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion:330 Resp: 157646

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	27.0	21.8	32.6



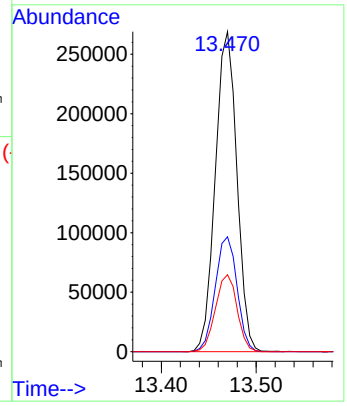


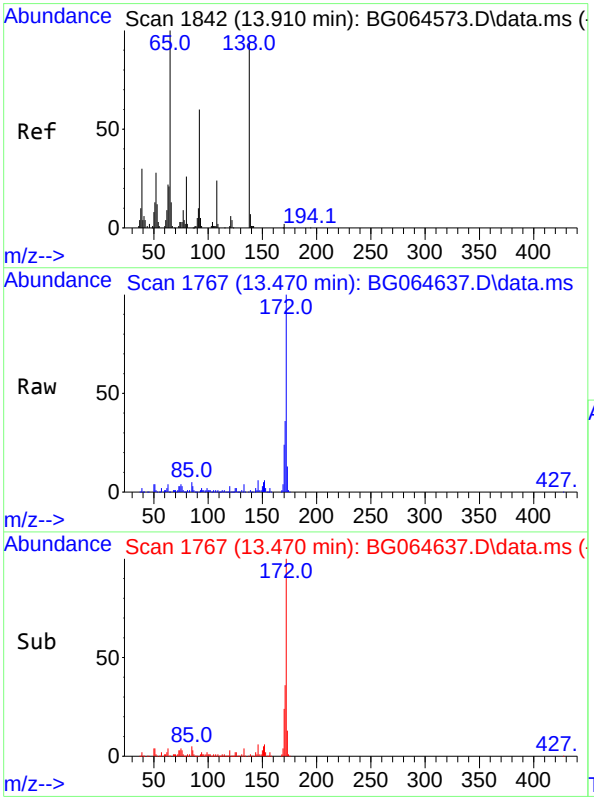
#45
2-Fluorobiphenyl
Concen: 87.403 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Tgt Ion:172 Resp: 425146

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.0	19.1	28.7

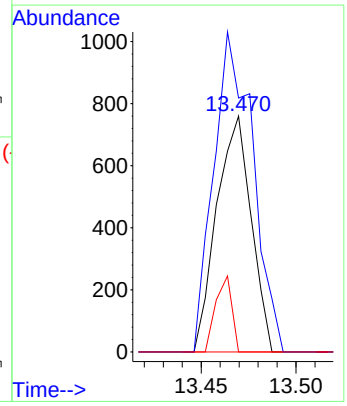


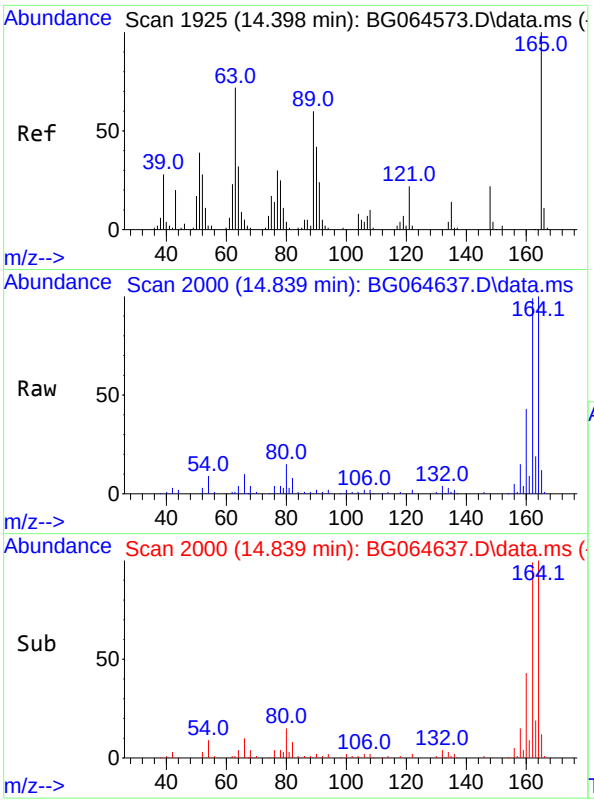


#48
2-Nitroaniline
Concen: 3.899 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.444 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion: 65 Resp: 960

Ion	Ratio	Lower	Upper
65	100		
92	107.6	48.3	72.5#
138	0.0	74.9	112.3#



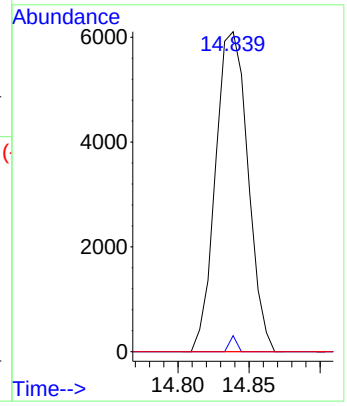


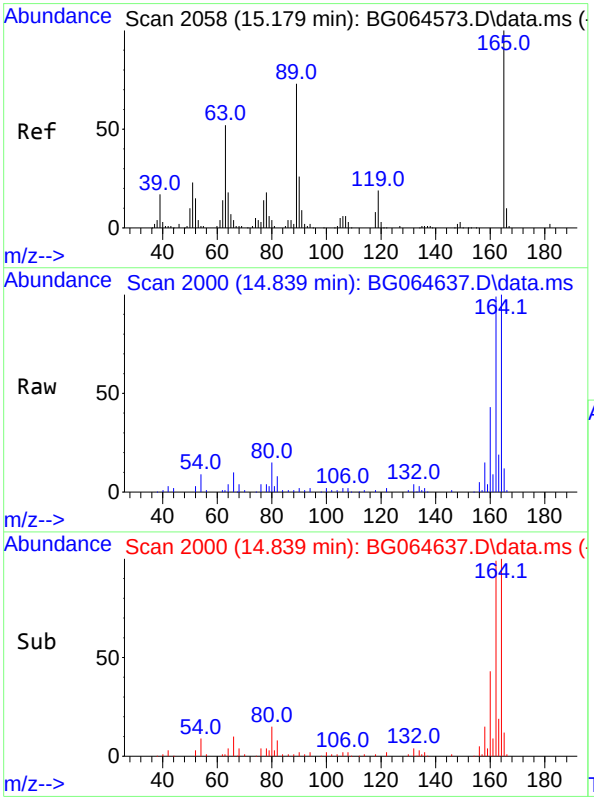
#51
2,6-Dinitrotoluene
Concen: 12.889 ng
RT: 14.839 min Scan# 2
Delta R.T. 0.437 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Tgt Ion:165 Resp: 9669

Ion	Ratio	Lower	Upper
165	100		
63	5.0	57.4	86.0#
89	0.0	47.8	71.8#

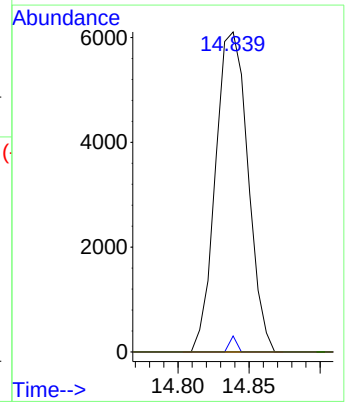


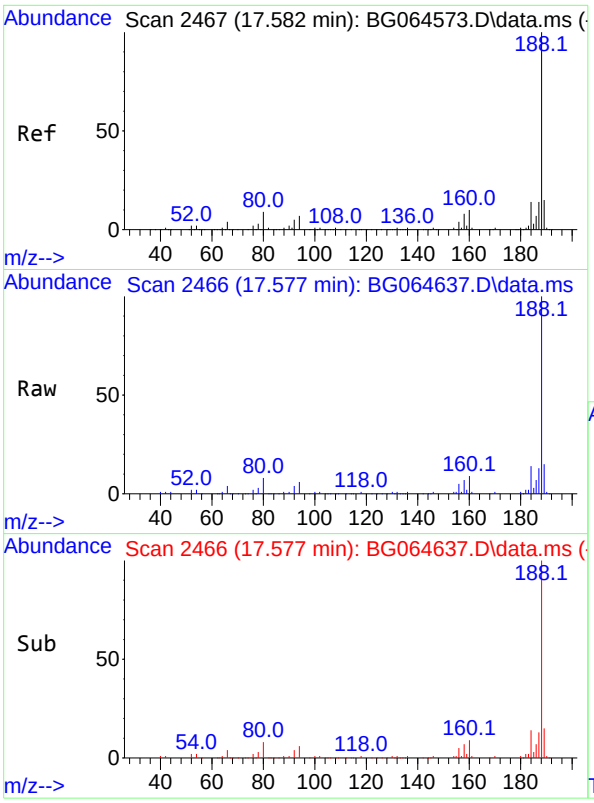


#57
2,4-Dinitrotoluene
Concen: 9.342 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.350 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion:165 Resp: 9669

Ion	Ratio	Lower	Upper
165	100		
63	5.0	41.8	62.8#
89	0.0	58.1	87.1#
182	0.0	1.4	2.0#



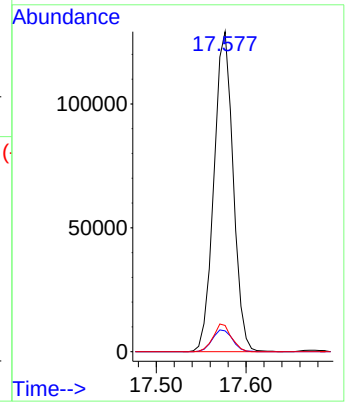


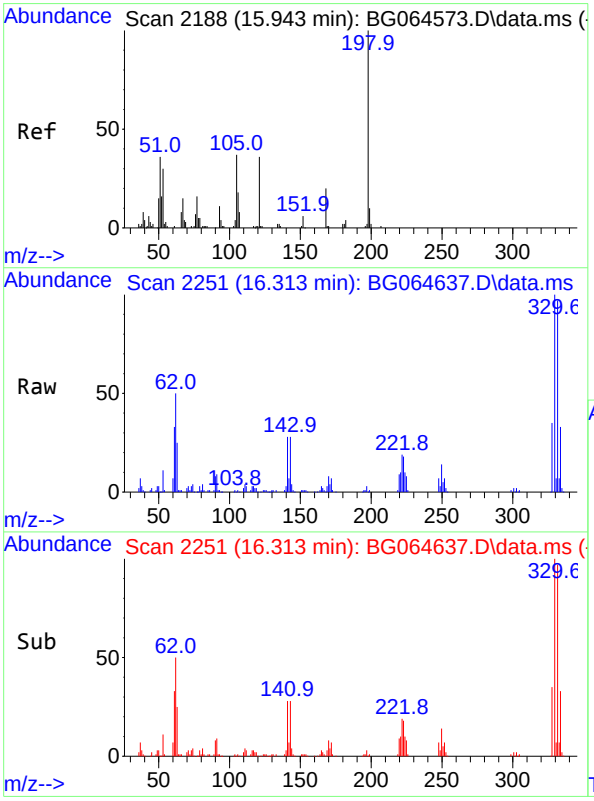
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Tgt Ion:188 Resp: 191571

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.7	8.5
80	8.2	6.8	10.2

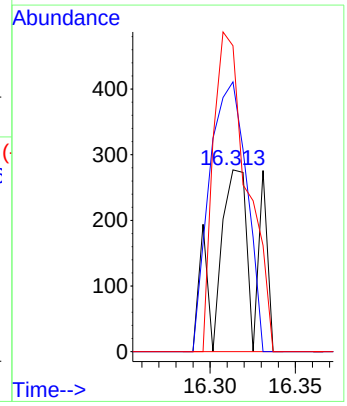


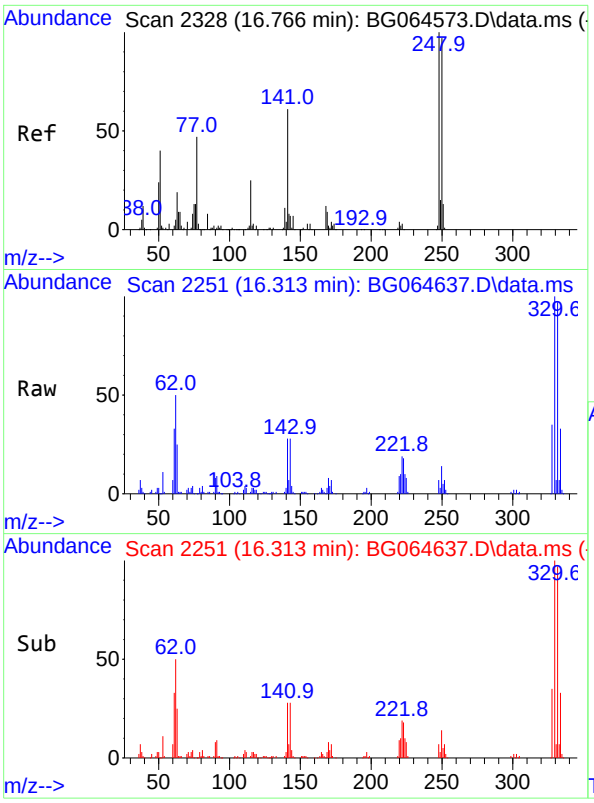


#65
4,6-Dinitro-2-methylphenol
Concen: 5.880 ng
RT: 16.313 min Scan# 2251
Delta R.T. 0.366 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion:198 Resp: 431

Ion	Ratio	Lower	Upper
198	100		
51	148.4	24.7	64.7#
105	168.2	18.0	58.0#



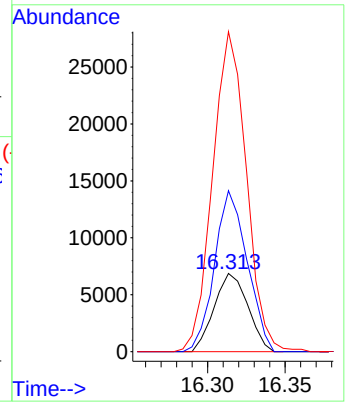


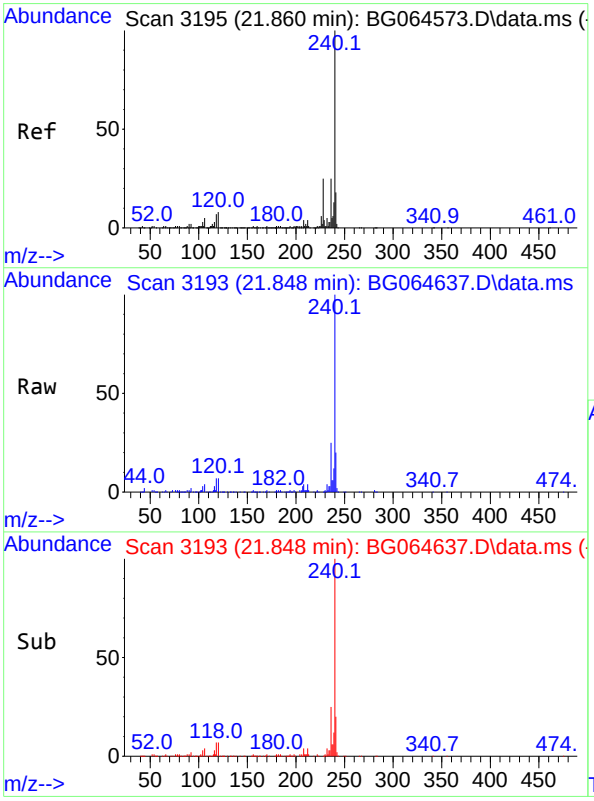
#67
4-Bromophenyl-phenylether
Concen: 4.568 ng
RT: 16.313 min Scan# 2
Delta R.T. -0.456 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Tgt Ion:248 Resp: 10370

Ion	Ratio	Lower	Upper
248	100		
250	203.8	77.7	116.5#
141	300.4	48.6	72.8#

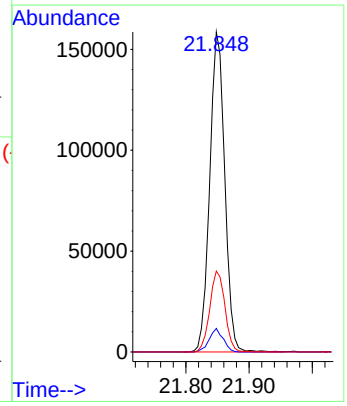


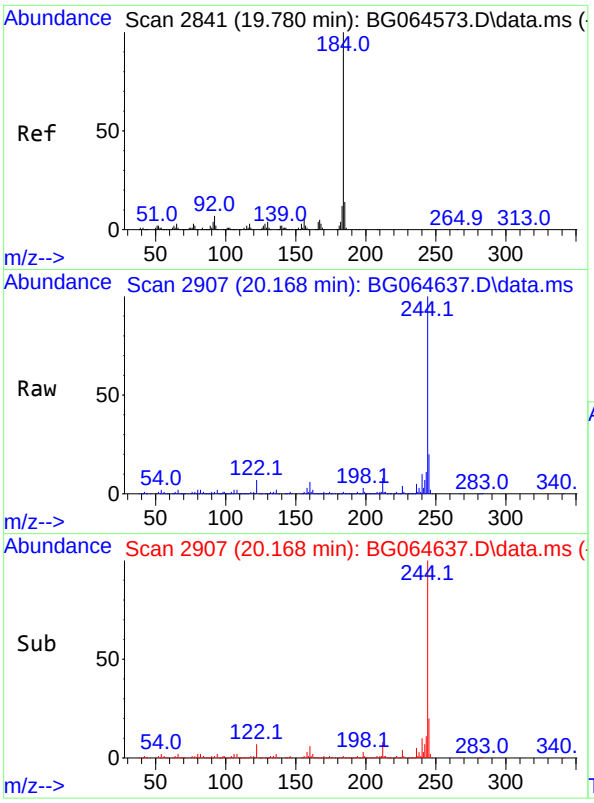


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion:240 Resp: 261407

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.5	9.7
236	25.3	20.2	30.2



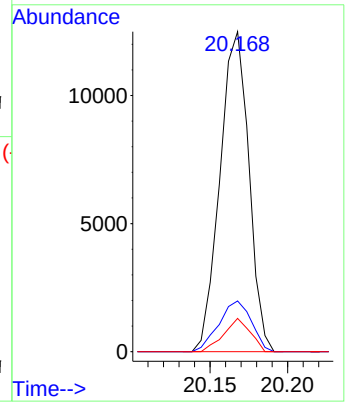


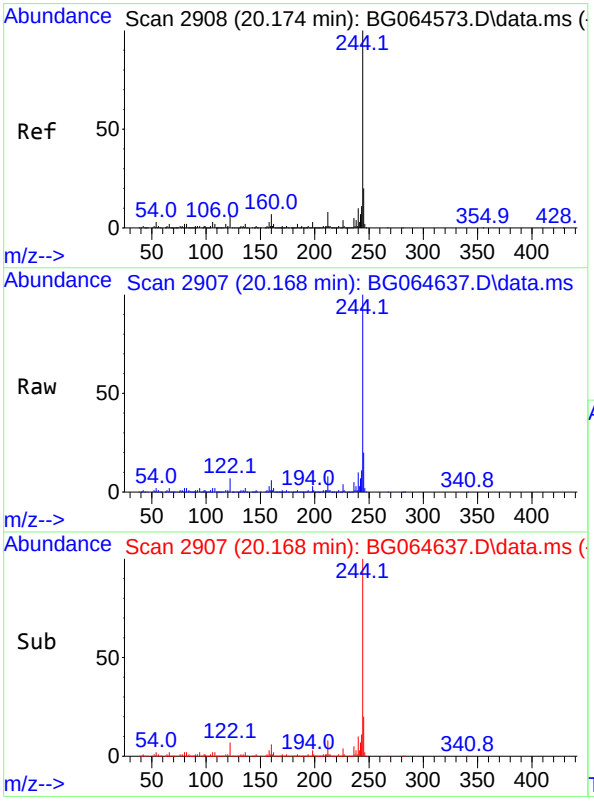
#77
Benzidine
Concen: 2.765 ng
RT: 20.168 min Scan# 2
Delta R.T. 0.384 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Tgt Ion:184 Resp: 16195

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.4	17.2
183	10.4	9.4	14.2

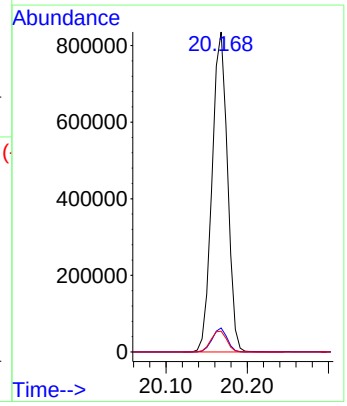


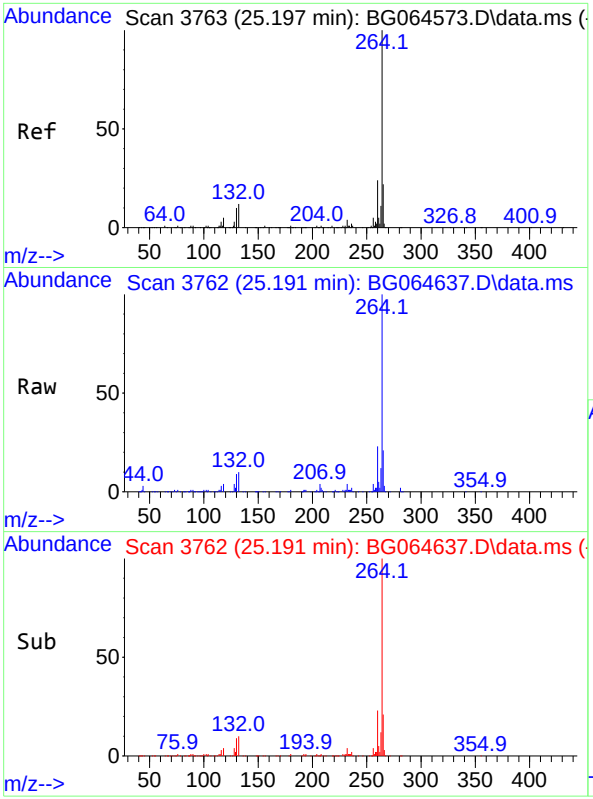


#79
Terphenyl-d14
Concen: 79.383 ng
RT: 20.168 min Scan# 2907
Delta R.T. -0.009 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion:244 Resp: 1099593

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	6.5	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.191 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Instrument :
BNA_G
ClientSampleId :
PB170286BL

Tgt Ion:264 Resp: 302809

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.2	17.6	26.4