Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121225\
Data File : BG064949.D
Acq On : 12 Dec 2025 13:05
Operator : RC/JU
Sample : Q3814-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6

Quant Time: Dec 12 13:49:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.154	152	19524	20.000	ng	#-0.01
21) Naphthalene-d8	10.968	136	68552	20.000	ng	#-0.02
39) Acenaphthene-d10	14.764	164	54265	20.000	ng	-0.01
64) Phenanthrene-d10	17.490	188	128220	20.000	ng	#-0.01
76) Chrysene-d12	21.738	240	169216	20.000	ng	#-0.02
86) Perylene-d12	24.993	264	175159	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	187056	167.302	ng	0.00
7) Phenol-d6	7.302	99	209276	140.729	ng	0.00
23) Nitrobenzene-d5	9.317	82	160461	115.732	ng	-0.01
42) 2,4,6-Tribromophenol	16.239	330	240196	226.957	ng	-0.01
45) 2-Fluorobiphenyl	13.395	172	509334	130.967	ng	-0.01
79) Terphenyl-d14	20.081	244	1215326	141.278	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.317	70	22660	22.536	ng	# 68
32) Benzoic acid	10.639	122	54	5.942	ng	# 1
51) 2,6-Dinitrotoluene	14.758	165	7019	8.510	ng	# 21
57) 2,4-Dinitrotoluene	14.758	165	7019	5.676	ng	# 24
67) 4-Bromophenyl-phenylether	16.239	248	14093	8.370	ng	# 1
70) Pentachlorophenol	17.167	266	229	6.318	ng	# 16
77) Benzidine	20.081	184	16263	3.209	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121225\
Data File : BG064949.D
Acq On : 12 Dec 2025 13:05
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Misc :
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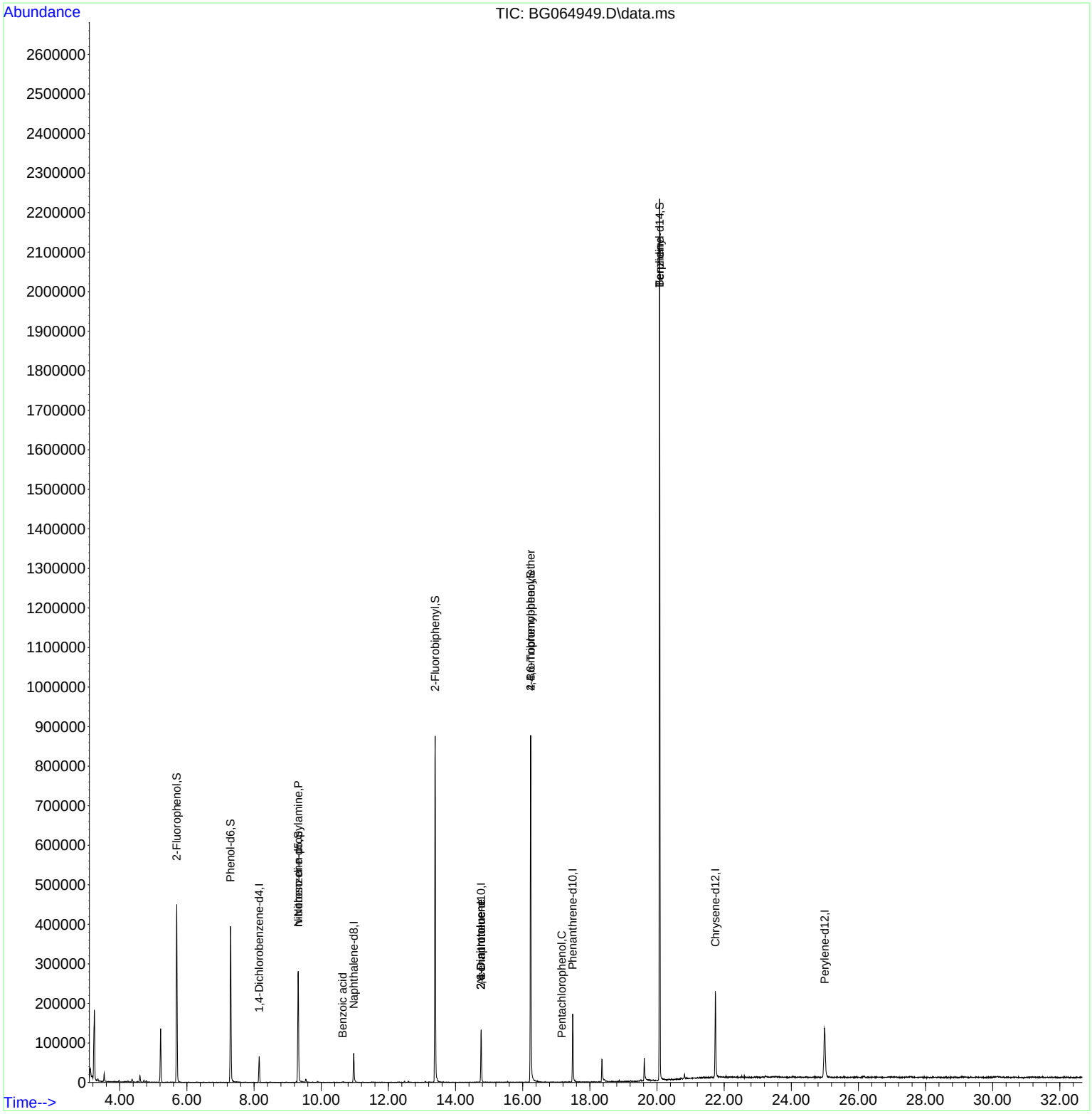
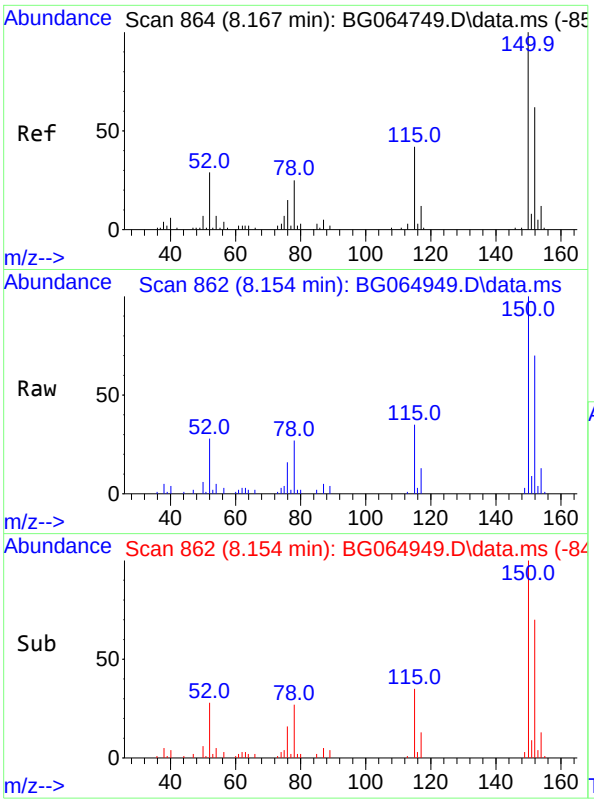


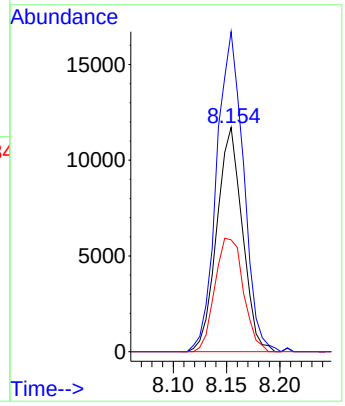


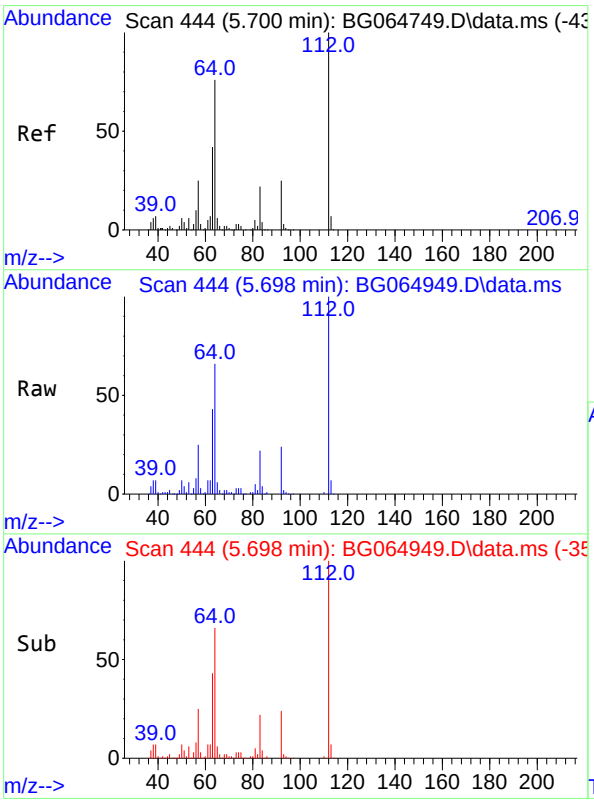
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.154 min Scan# 8
Delta R.T. -0.013 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 19524

Ion	Ratio	Lower	Upper
152	100		
150	142.7	129.2	193.8
115	49.9	53.7	80.5#

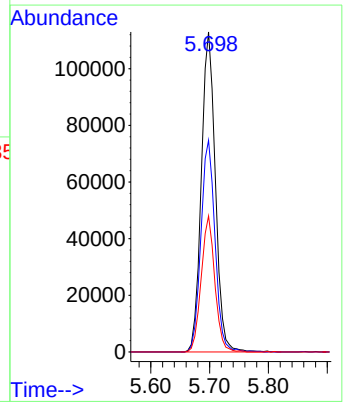


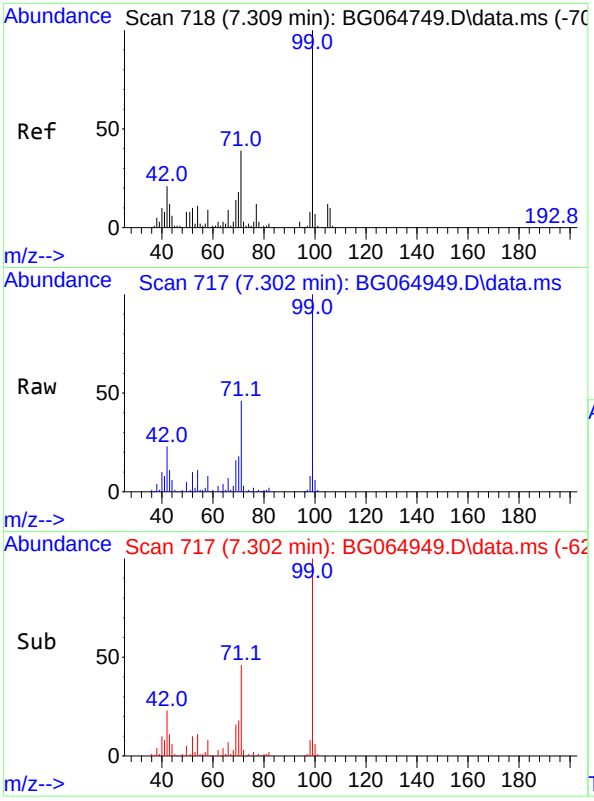


#5
2-Fluorophenol
Concen: 167.302 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.001 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Tgt Ion:112 Resp: 187056

Ion	Ratio	Lower	Upper
112	100		
64	66.2	61.0	91.4
63	42.5	33.3	49.9



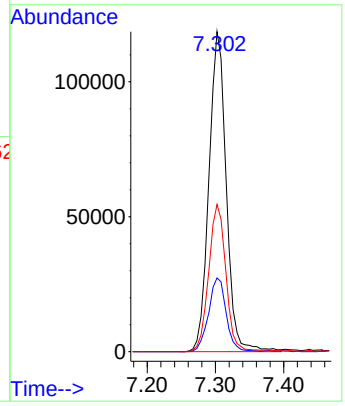


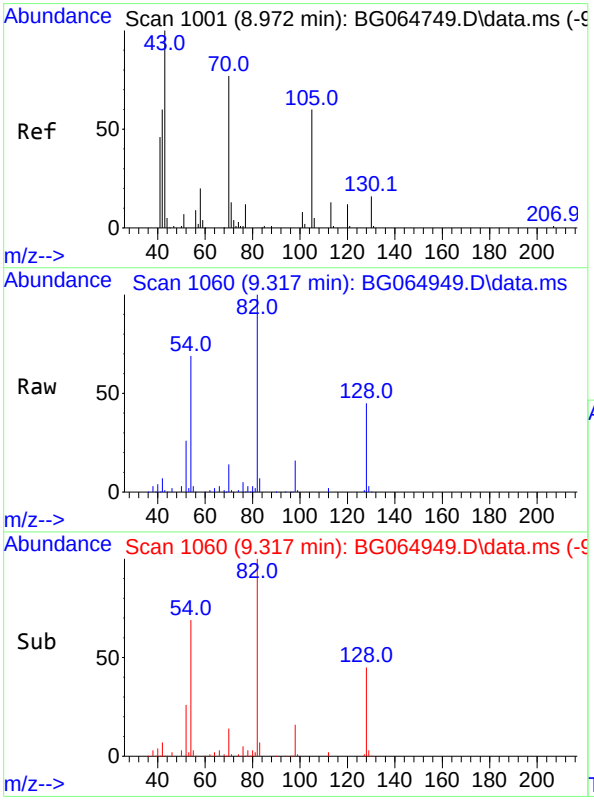
#7
Phenol-d6
Concen: 140.729 ng
RT: 7.302 min Scan# 7
Delta R.T. -0.007 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 209276

Ion	Ratio	Lower	Upper
99	100		
42	23.1	16.8	25.2
71	46.0	31.1	46.7

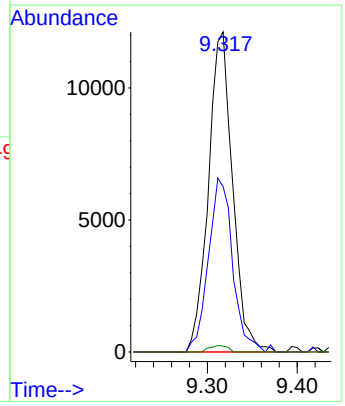


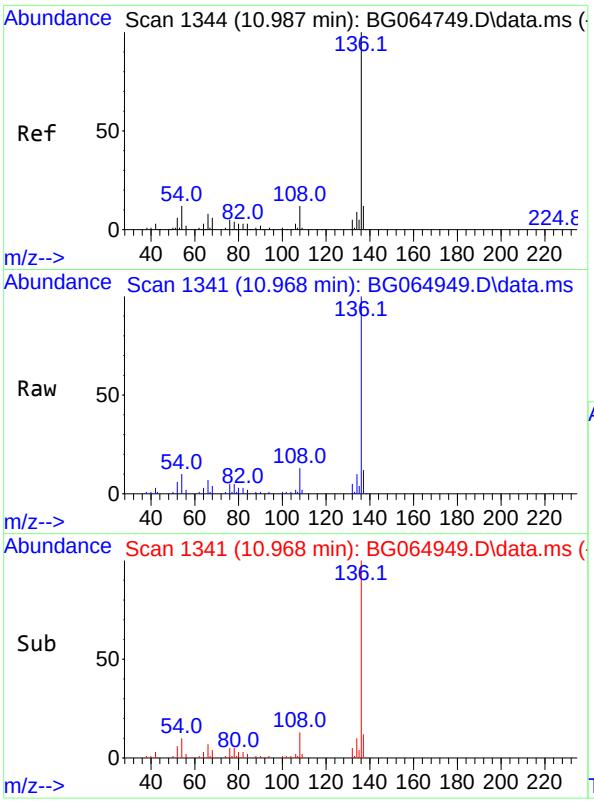


#19
n-Nitroso-di-n-propylamine
Concen: 22.536 ng
RT: 9.317 min Scan# 1060
Delta R.T. 0.345 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Tgt Ion: 70 Resp: 22660

Ion	Ratio	Lower	Upper
70	100		
42	51.7	62.6	93.8#
101	0.0	8.0	12.0#
130	1.9	16.5	24.7#



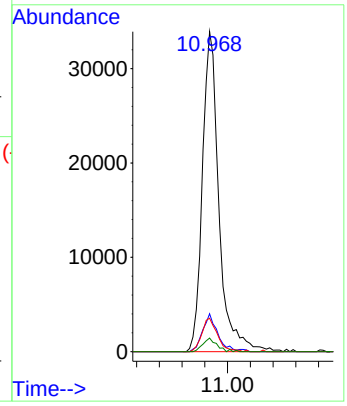


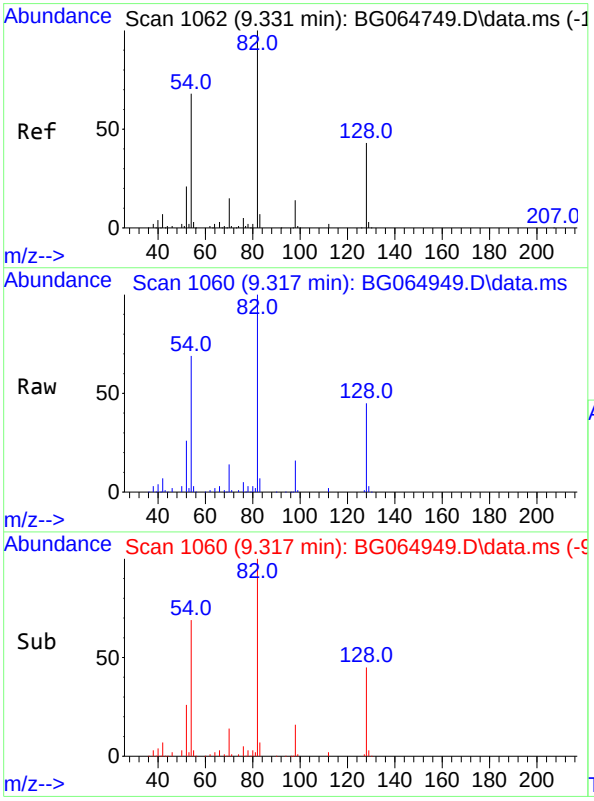
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 1
Delta R.T. -0.019 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:136 Resp: 68552

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	10.5	9.3	13.9
68	4.3	5.0	7.6#

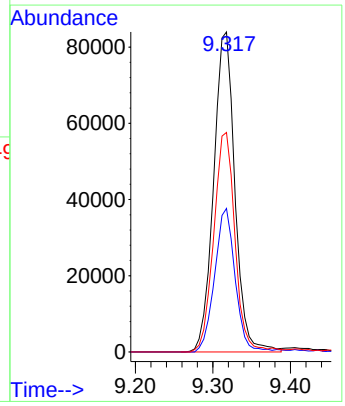


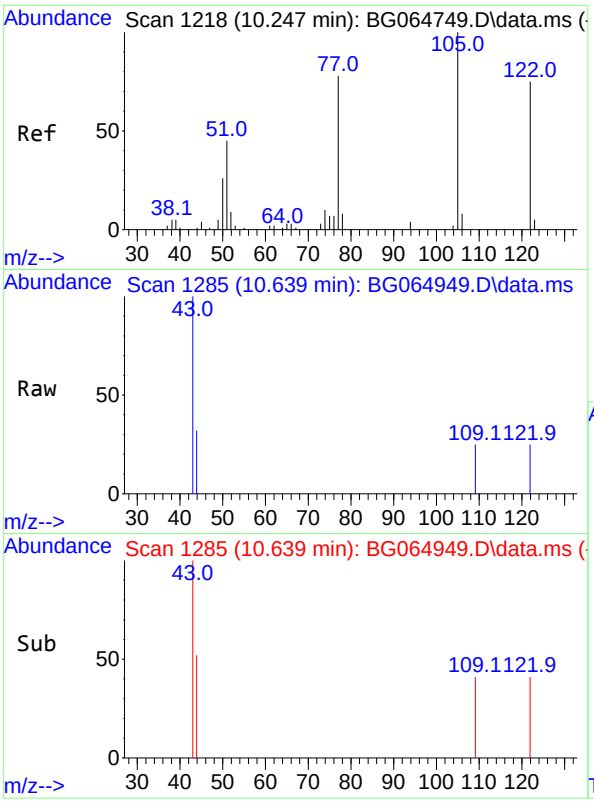


#23
Nitrobenzene-d5
Concen: 115.732 ng
RT: 9.317 min Scan# 1060
Delta R.T. -0.013 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Tgt Ion: 82 Resp: 160461

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.1	51.1
54	68.6	54.3	81.5



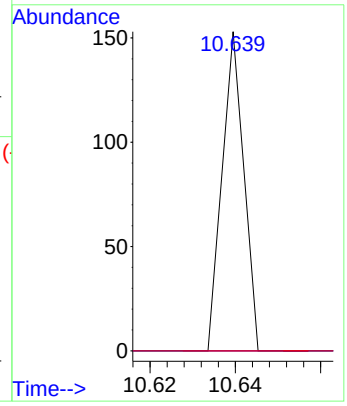


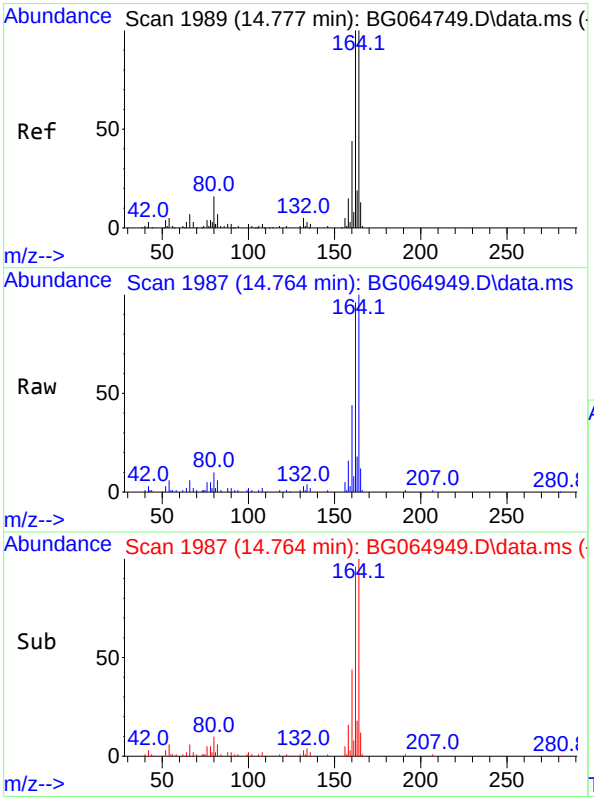
#32
Benzoic acid
Concen: 5.942 ng
RT: 10.639 min Scan# 1
Delta R.T. 0.392 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.6	147.6#
77	0.0	82.5	122.5#

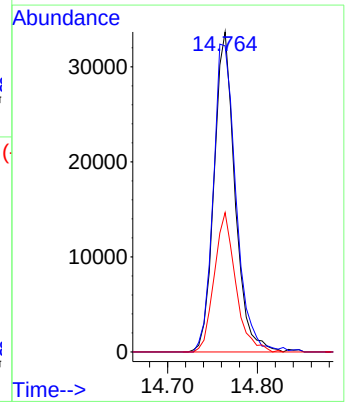


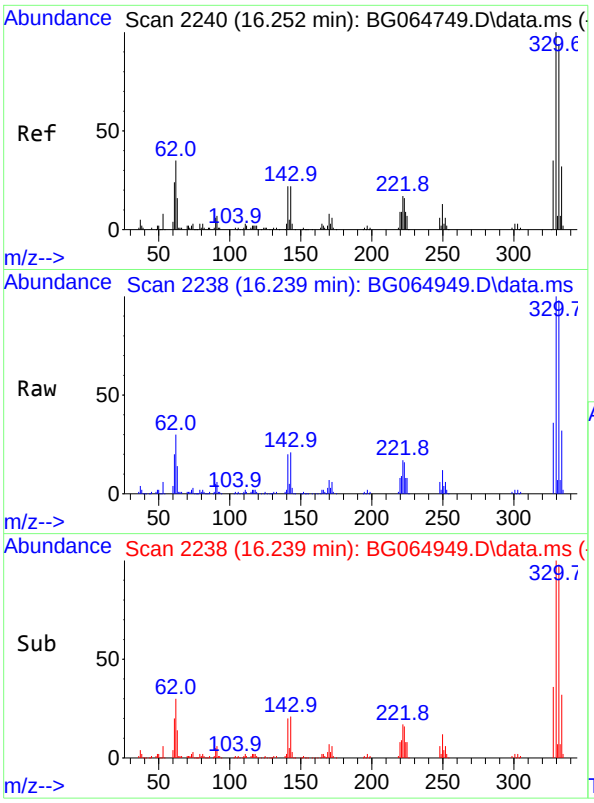


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.764 min Scan# 1987
Delta R.T. -0.013 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Tgt Ion:164 Resp: 54265

Ion	Ratio	Lower	Upper
164	100		
162	95.7	79.8	119.6
160	43.6	34.9	52.3



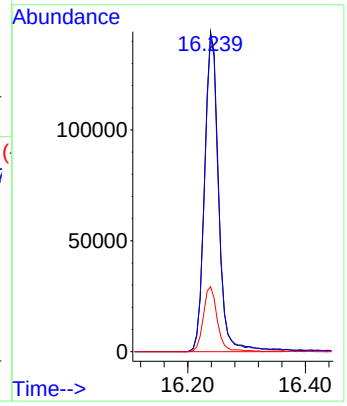


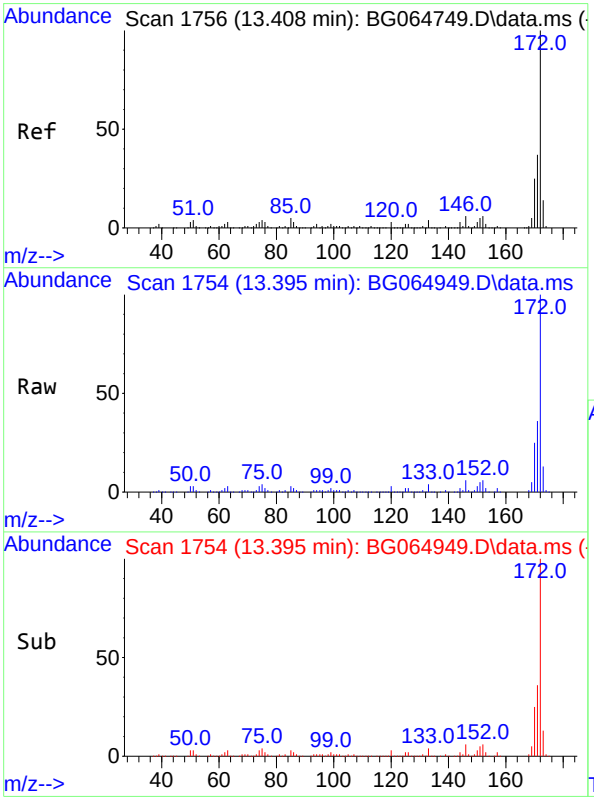
#42
2,4,6-Tribromophenol
Concen: 226.957 ng
RT: 16.239 min Scan# 2
Delta R.T. -0.013 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:330 Resp: 240196

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	20.2	18.2	27.2

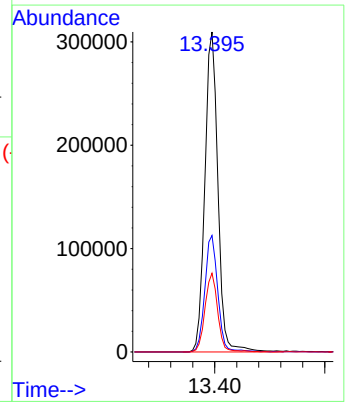


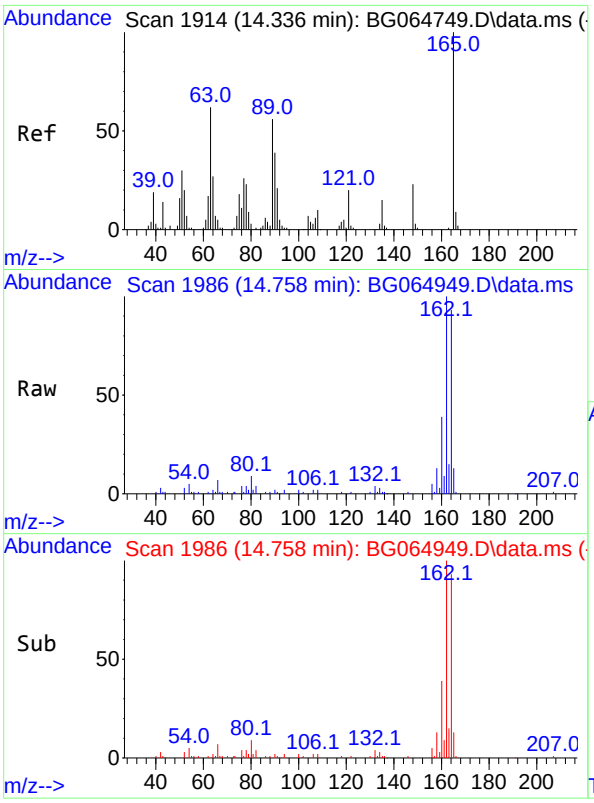


#45
2-Fluorobiphenyl
Concen: 130.967 ng
RT: 13.395 min Scan# 1754
Delta R.T. -0.013 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Tgt Ion:172 Resp: 509334

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	24.6	19.8	29.6



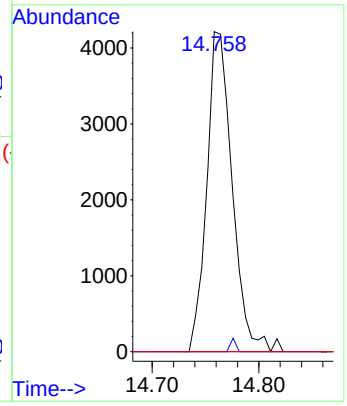


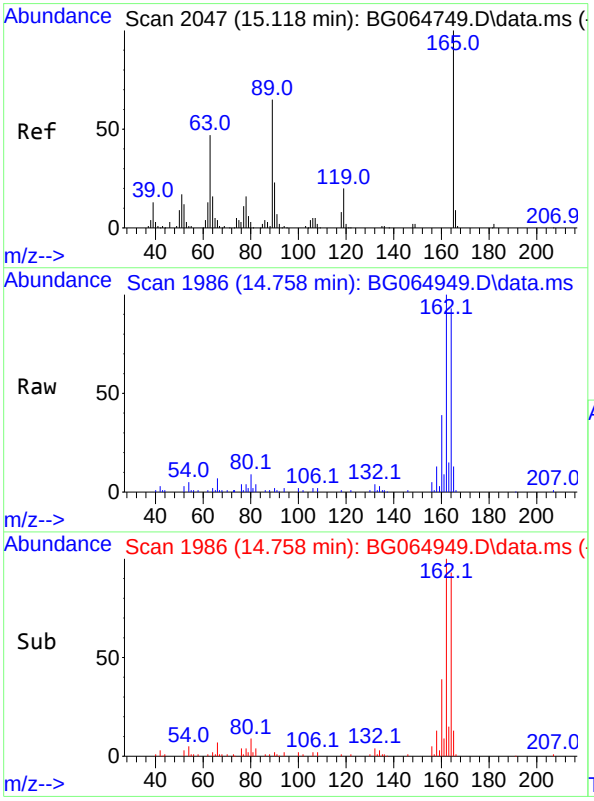
#51
2,6-Dinitrotoluene
Concen: 8.510 ng
RT: 14.758 min Scan# 1
Delta R.T. 0.422 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:165 Resp: 7019

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.8	74.8#
89	0.0	45.0	67.4#

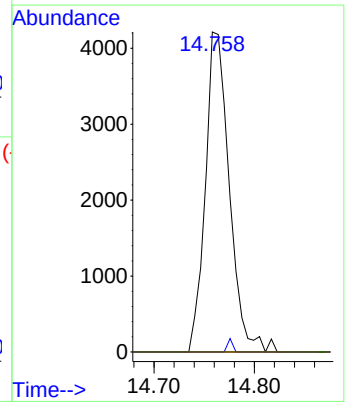


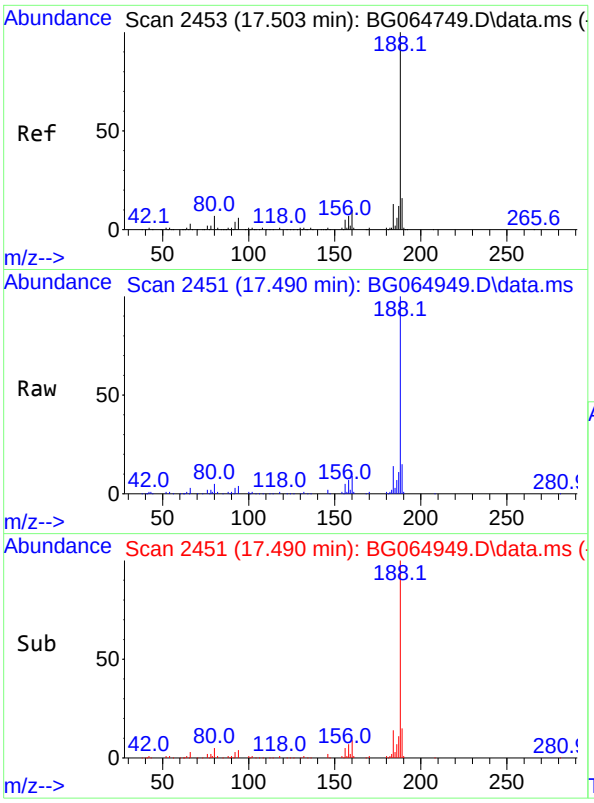


#57
2,4-Dinitrotoluene
Concen: 5.676 ng
RT: 14.758 min Scan# 1986
Delta R.T. -0.360 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Tgt Ion:165 Resp: 7019

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.8	56.6#
89	0.0	51.6	77.4#
182	0.0	2.0	3.0#



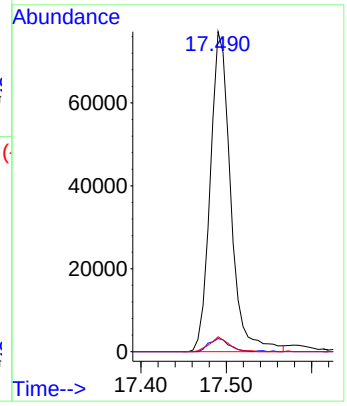


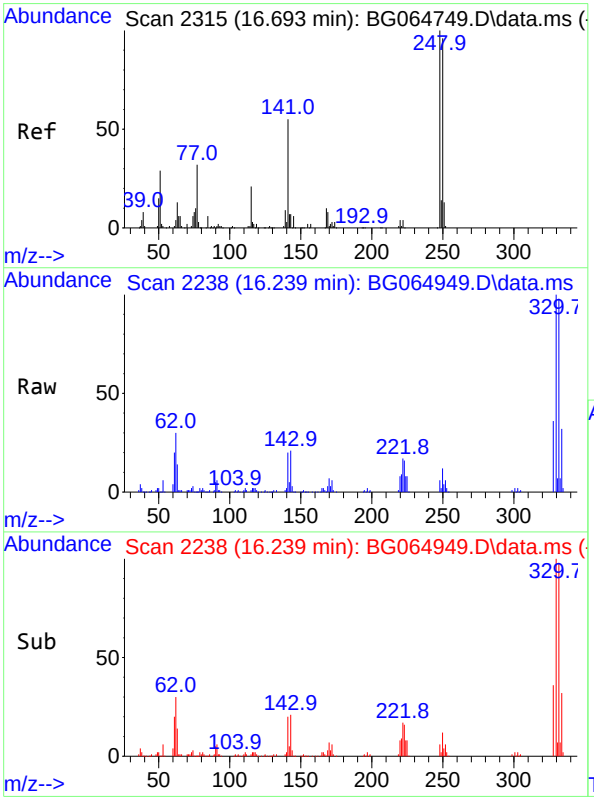
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.490 min Scan# 24
Delta R.T. -0.013 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:188 Resp: 128220

Ion	Ratio	Lower	Upper
188	100		
94	4.1	4.7	7.1#
80	4.6	5.4	8.2#

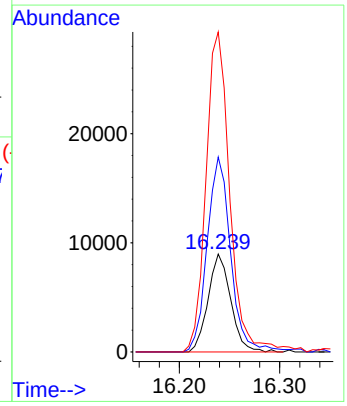


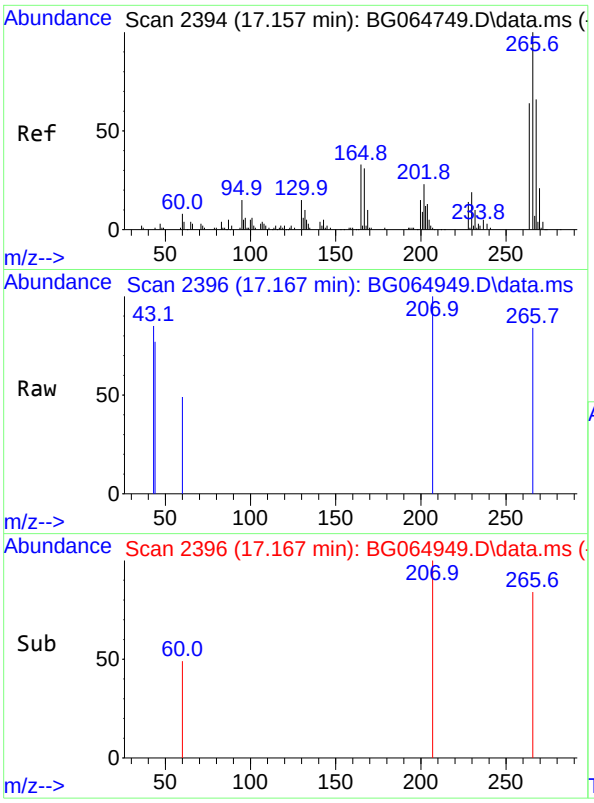


#67
4-Bromophenyl-phenylether
Concen: 8.370 ng
RT: 16.239 min Scan# 2238
Delta R.T. -0.454 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Tgt Ion:248 Resp: 14093

Ion	Ratio	Lower	Upper
248	100		
250	263.1	77.0	115.6#
141	327.0	43.7	65.5#



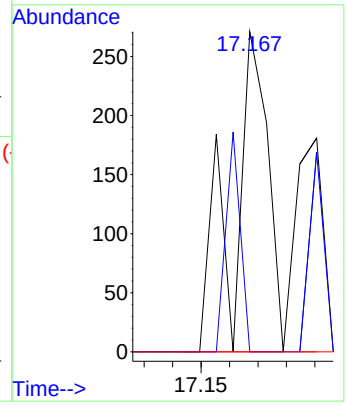


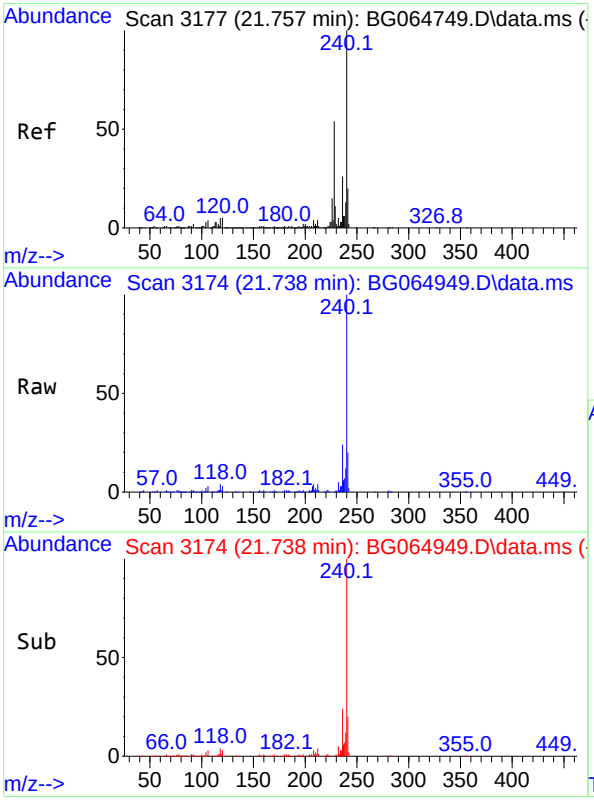
#70
Pentachlorophenol
Concen: 6.318 ng
RT: 17.167 min Scan# 2
Delta R.T. 0.010 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:266 Resp: 229

Ion	Ratio	Lower	Upper
266	100		
268	0.0	56.1	84.1#
264	0.0	51.2	76.8#

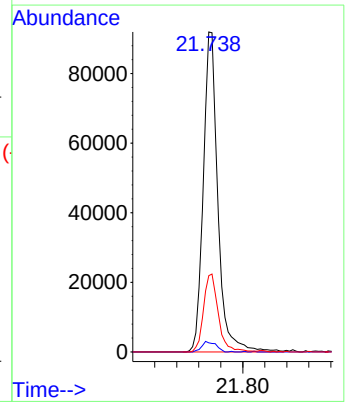


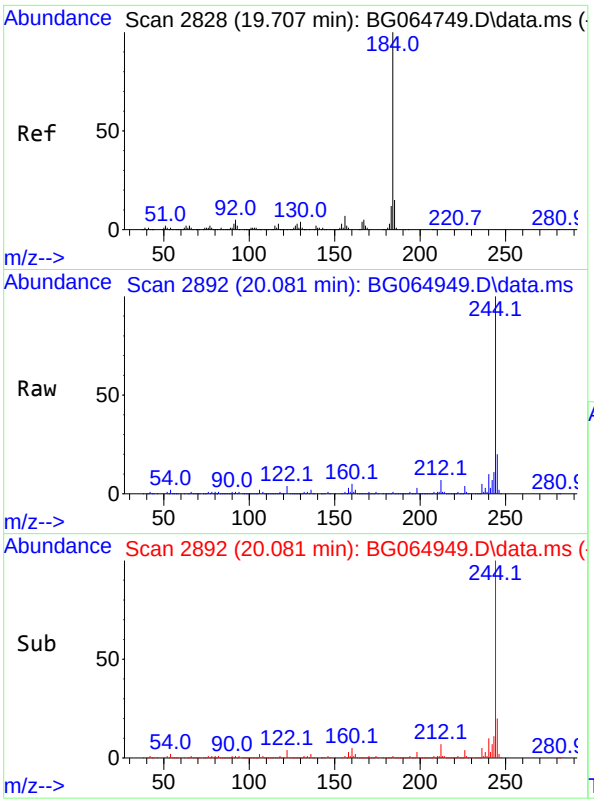


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.738 min Scan# 3174
Delta R.T. -0.019 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Tgt Ion:240 Resp: 169216

Ion	Ratio	Lower	Upper
240	100		
120	2.9	4.2	6.4#
236	23.9	20.8	31.2



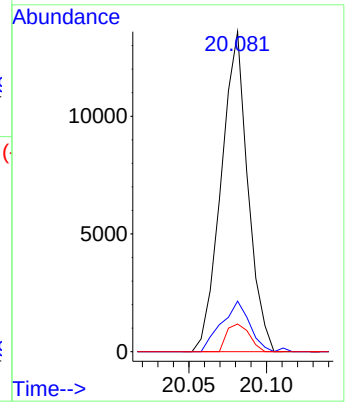


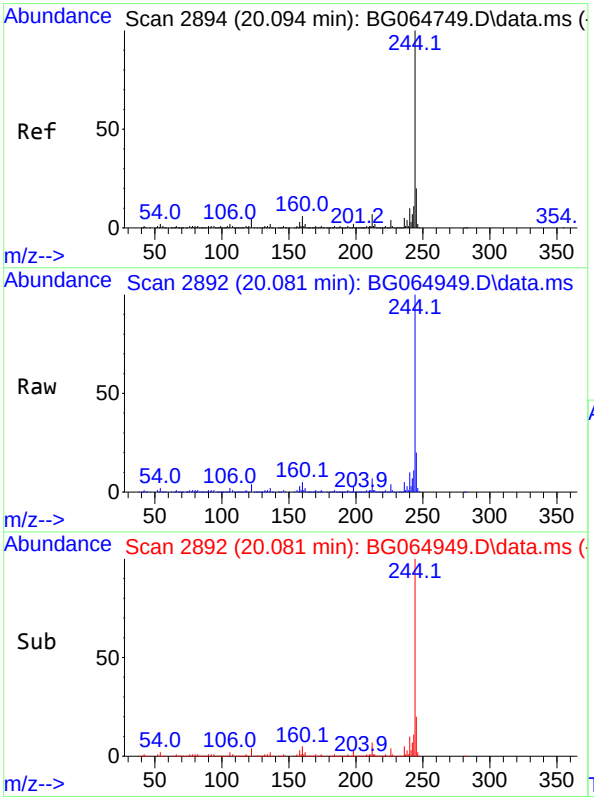
#77
Benzidine
Concen: 3.209 ng
RT: 20.081 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:184 Resp: 16263

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.8	17.6
183	8.7	9.8	14.6#

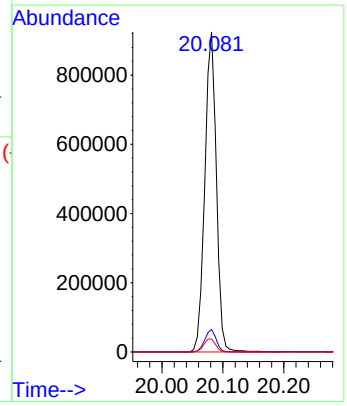


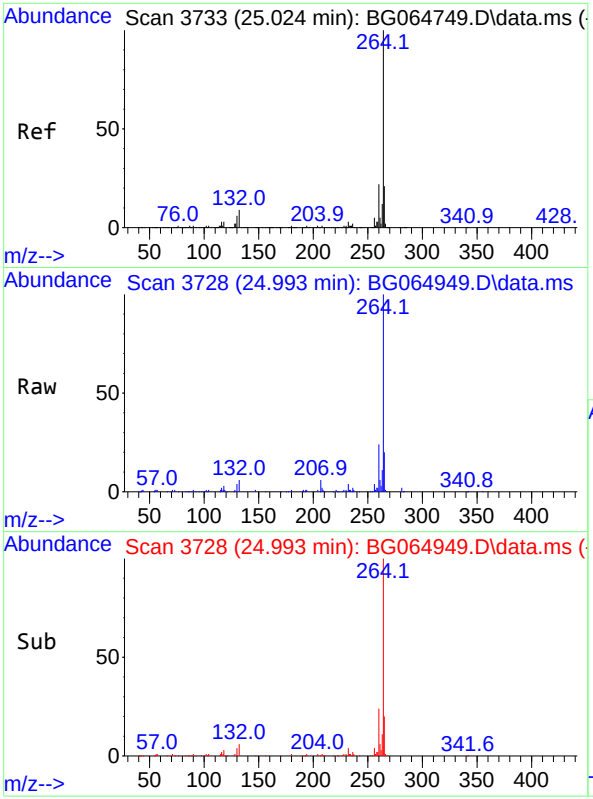


#79
Terphenyl-d14
Concen: 141.278 ng
RT: 20.081 min Scan# 2892
Delta R.T. -0.013 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Tgt Ion:244 Resp: 1215326

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	4.1	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.993 min Scan# 3
Delta R.T. -0.031 min
Lab File: BG064949.D
Acq: 12 Dec 2025 13:05

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:264 Resp: 175159

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.2	25.8
265	20.3	16.6	25.0