Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064720.D
Acq On : 7 Nov 2025 17:35
Operator : RC/JU
Sample : PB170446BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Quant Time: Nov 08 00:58:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	34775	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	132915	20.000	ng	#-0.02
39) Acenaphthene-d10	14.822	164	108996	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	300897	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	359918	20.000	ng	#-0.03
86) Perylene-d12	25.157	264	380888	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	186412	89.976	ng	-0.02
7) Phenol-d6	7.336	99	236046	83.029	ng	-0.02
23) Nitrobenzene-d5	9.363	82	224809	101.588	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	150299	95.541	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	683203	95.009	ng	-0.02
79) Terphenyl-d14	20.151	244	1777176	93.183	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.363	70	30333	15.439	ng	# 74
48) 2-Nitroaniline	13.447	65	1172	3.782	ng	# 1
51) 2,6-Dinitrotoluene	14.822	165	13545	12.381	ng	# 18
57) 2,4-Dinitrotoluene	14.822	165	13545	9.012	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.302	198	146	5.524	ng	# 1
67) 4-Bromophenyl-phenylether	16.302	248	9105	2.553	ng	# 1
77) Benzidine	20.145	184	24011	2.978	ng	# 91

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

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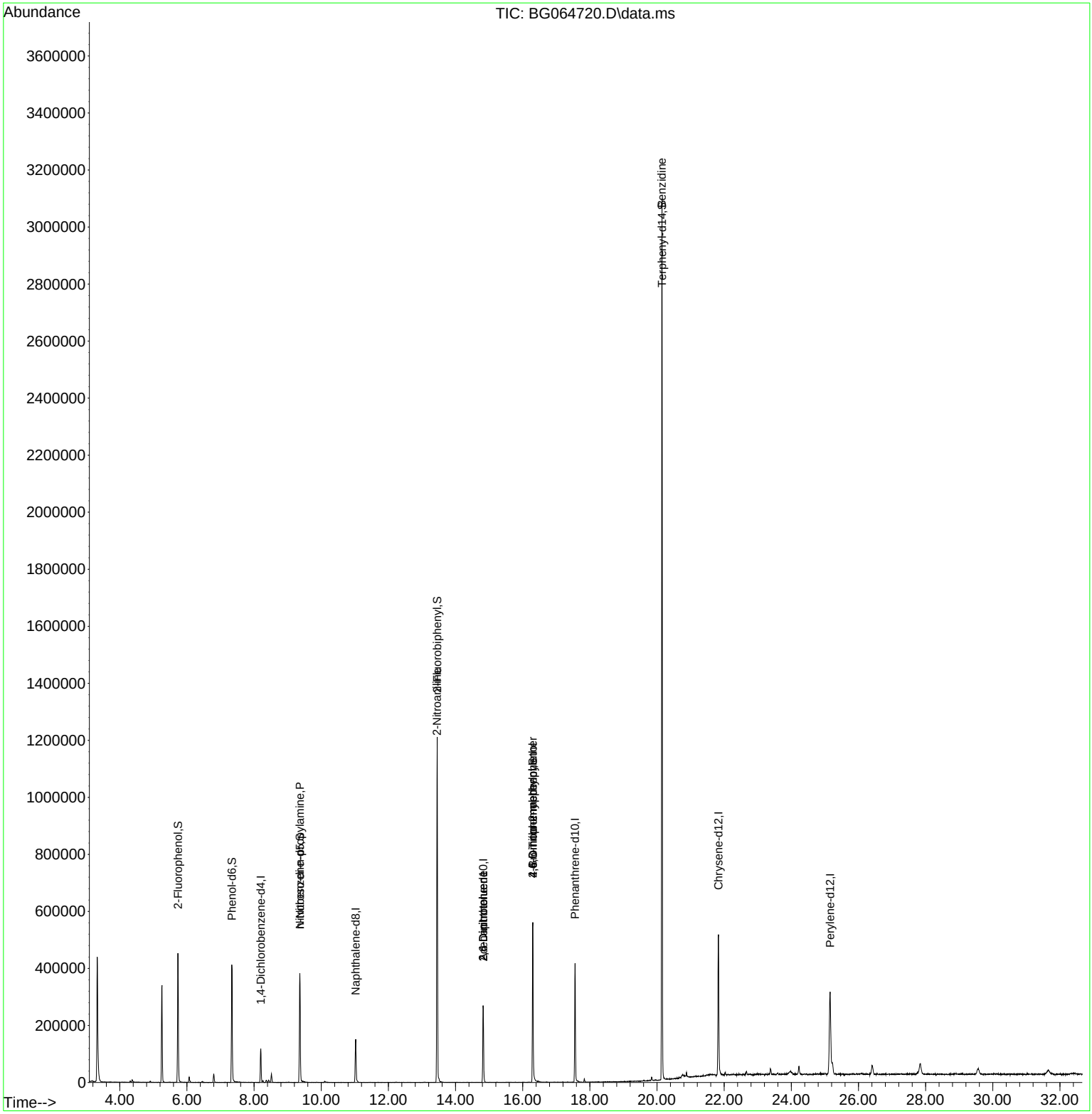
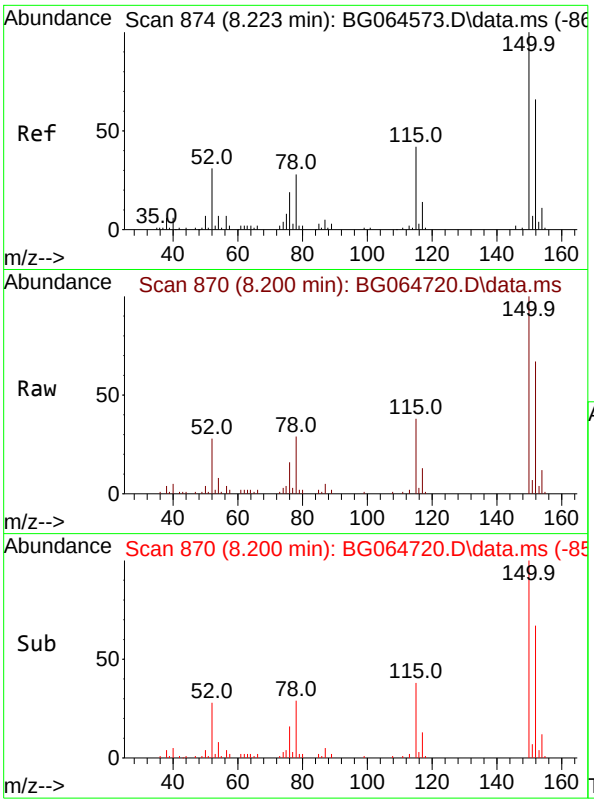


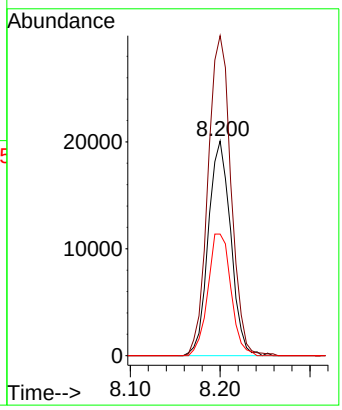


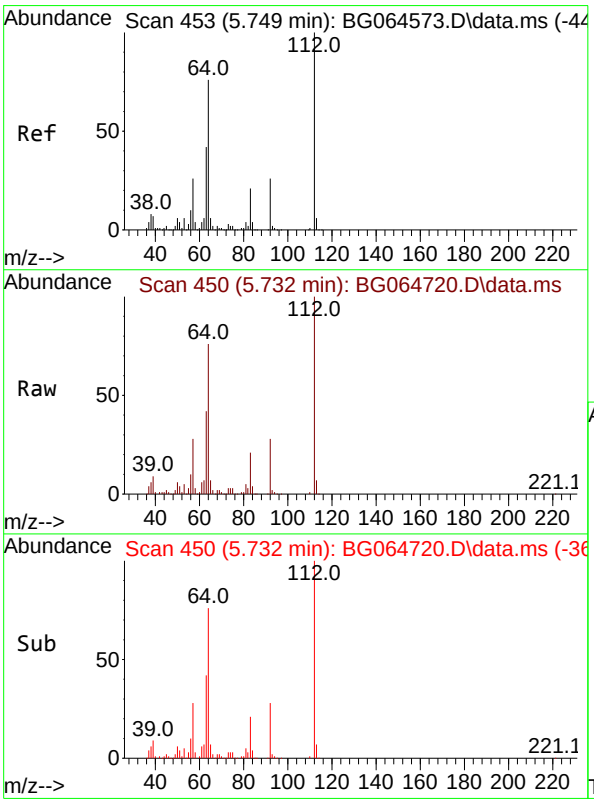
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 8
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion:152 Resp: 34775

Ion	Ratio	Lower	Upper
152	100		
150	149.0	122.2	183.4
115	56.6	50.8	76.2

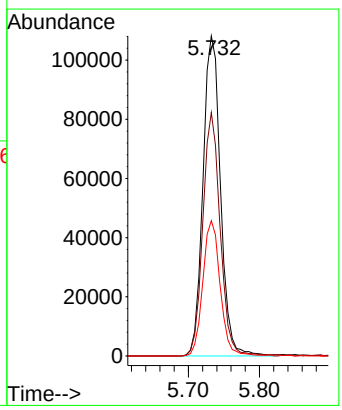


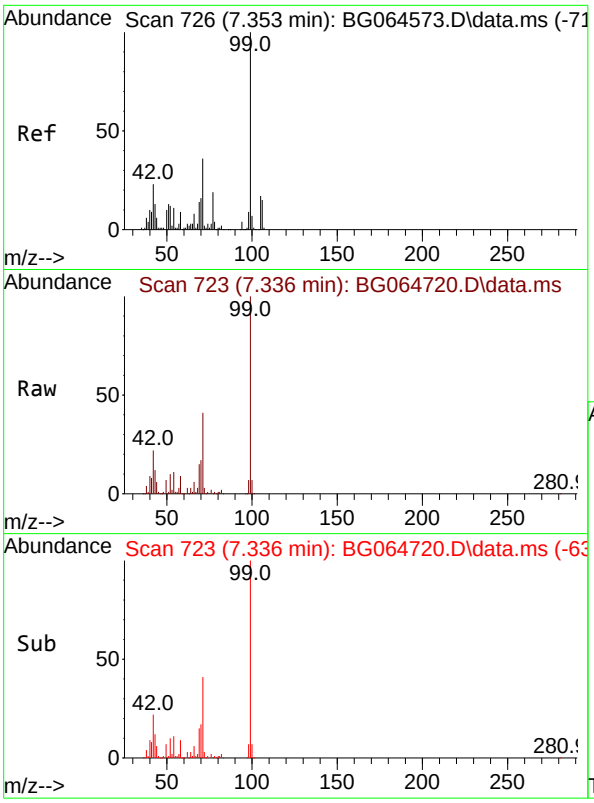


#5
2-Fluorophenol
Concen: 89.976 ng
RT: 5.732 min Scan# 450
Delta R.T. -0.017 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion:112 Resp: 186412

Ion	Ratio	Lower	Upper
112	100		
64	76.1	60.7	91.1
63	42.2	33.4	50.0



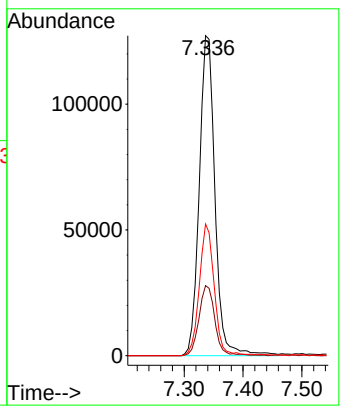


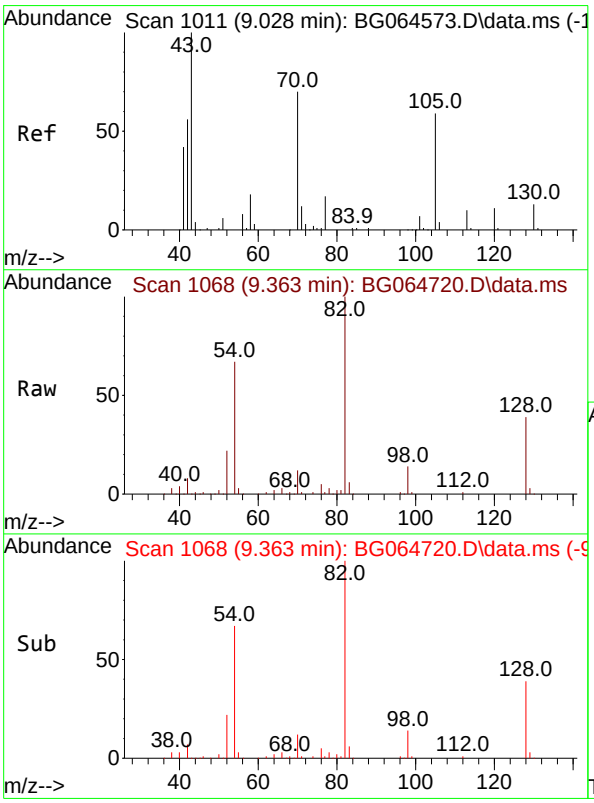
#7
Phenol-d6
Concen: 83.029 ng
RT: 7.336 min Scan# 7
Delta R.T. -0.017 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion: 99 Resp: 236046

Ion	Ratio	Lower	Upper
99	100		
42	21.9	18.3	27.5
71	41.1	28.6	43.0

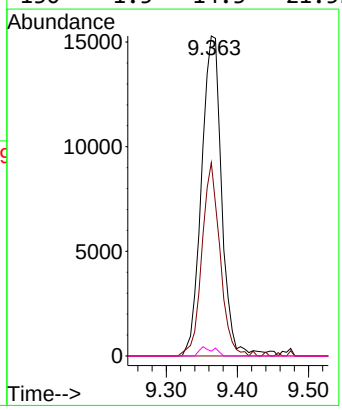


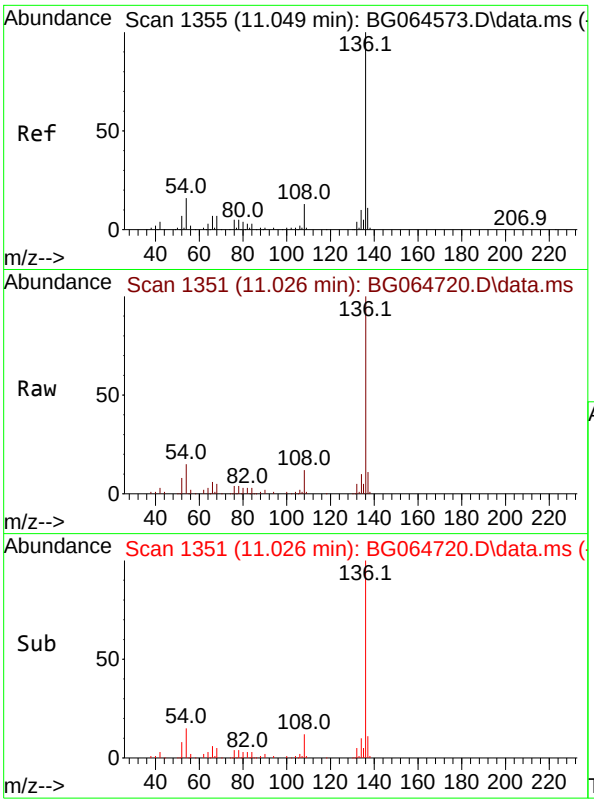


#19
n-Nitroso-di-n-propylamine
Concen: 15.439 ng
RT: 9.363 min Scan# 1068
Delta R.T. 0.336 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion: 70 Resp: 30333

Ion	Ratio	Lower	Upper
70	100		
42	60.4	65.2	97.8#
101	0.0	7.9	11.9#
130	1.5	14.3	21.5#



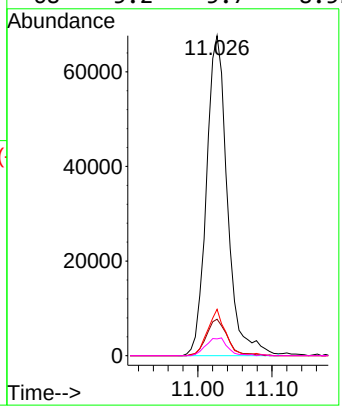


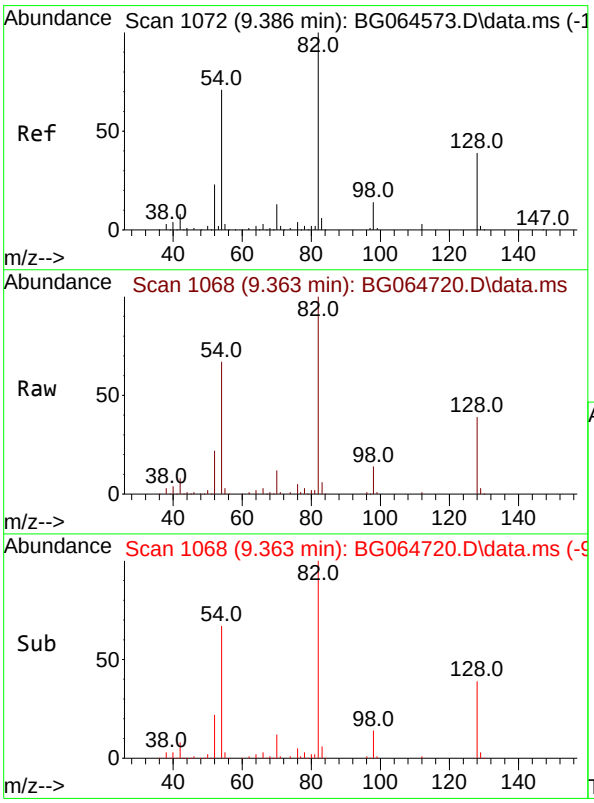
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion:136 Resp: 132915

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	14.5	12.6	19.0
68	5.2	5.7	8.5#

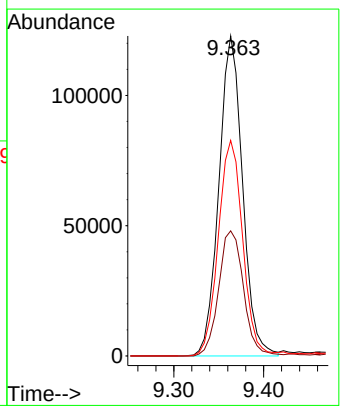


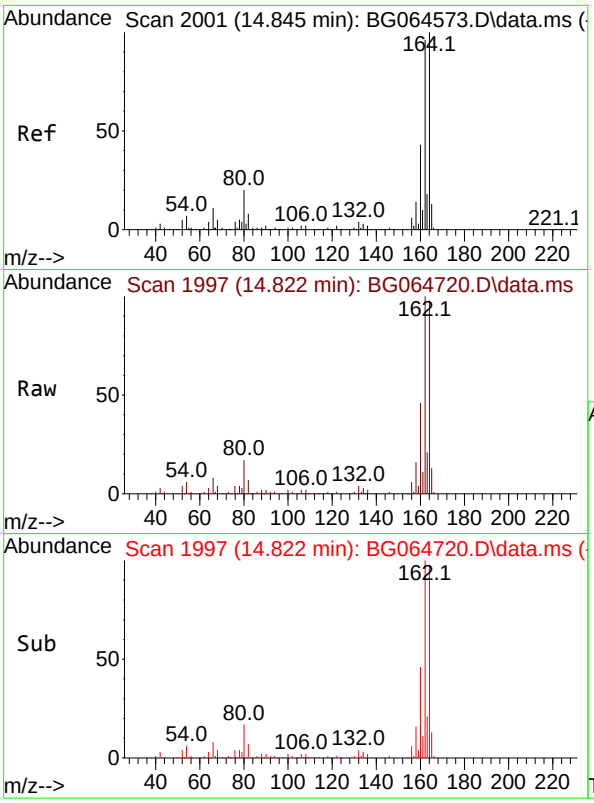


#23
Nitrobenzene-d5
Concen: 101.588 ng
RT: 9.363 min Scan# 1068
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion: 82 Resp: 224809

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	67.3	56.6	84.8



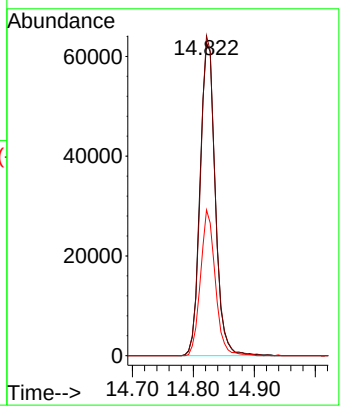


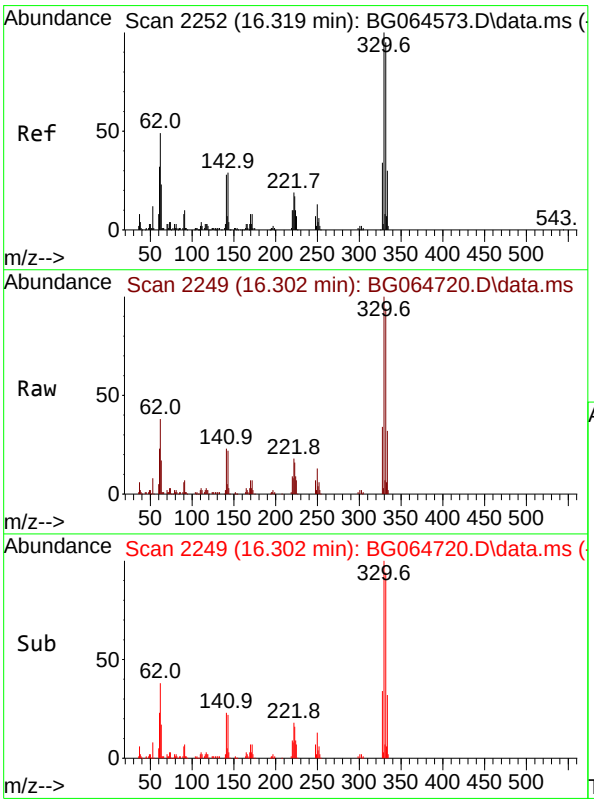
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.822 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion:164 Resp: 108996

Ion	Ratio	Lower	Upper
164	100		
162	102.3	77.0	115.6
160	46.6	34.4	51.6

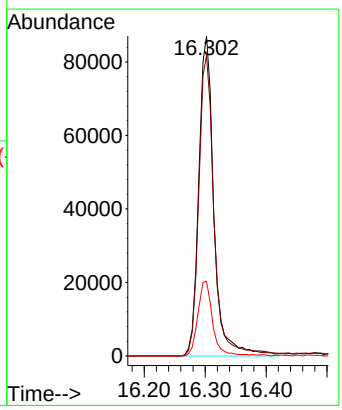


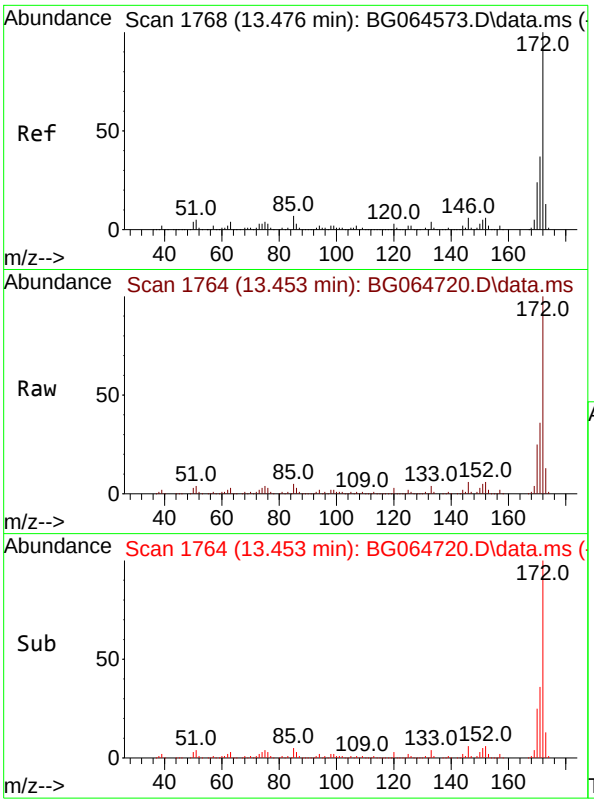


#42
2,4,6-Tribromophenol
Concen: 95.541 ng
RT: 16.302 min Scan# 2249
Delta R.T. -0.017 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion:330 Resp: 150299

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.0	117.0
141	23.1	21.8	32.6



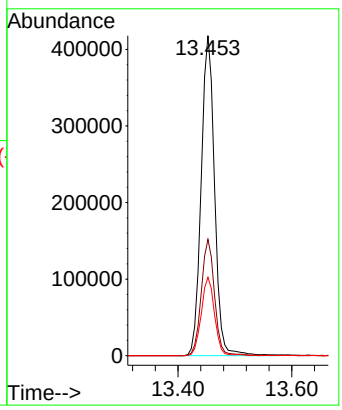


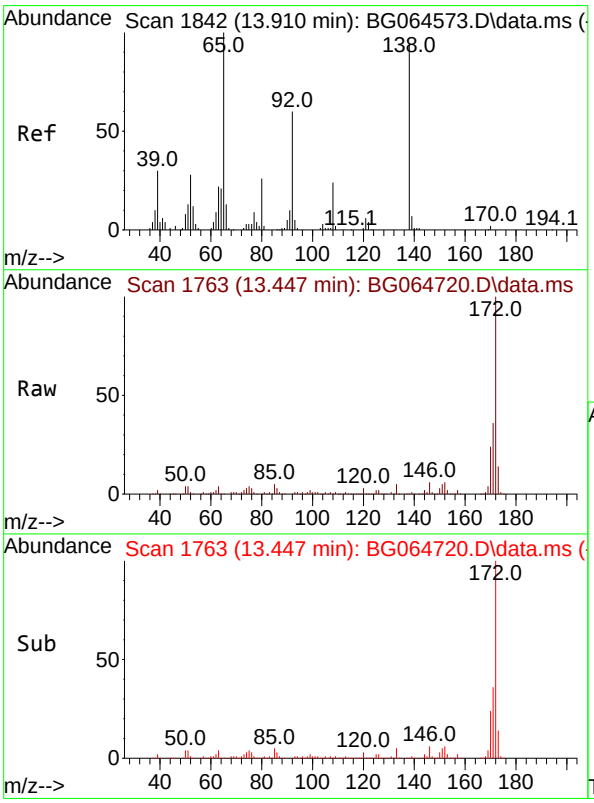
#45
2-Fluorobiphenyl
Concen: 95.009 ng
RT: 13.453 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion:172 Resp: 683203

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	19.1	28.7

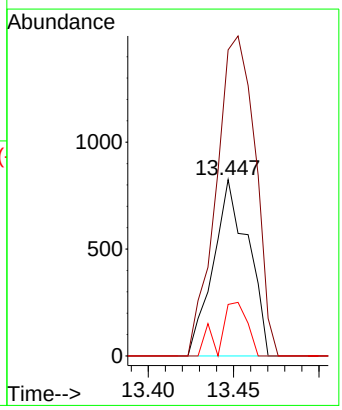


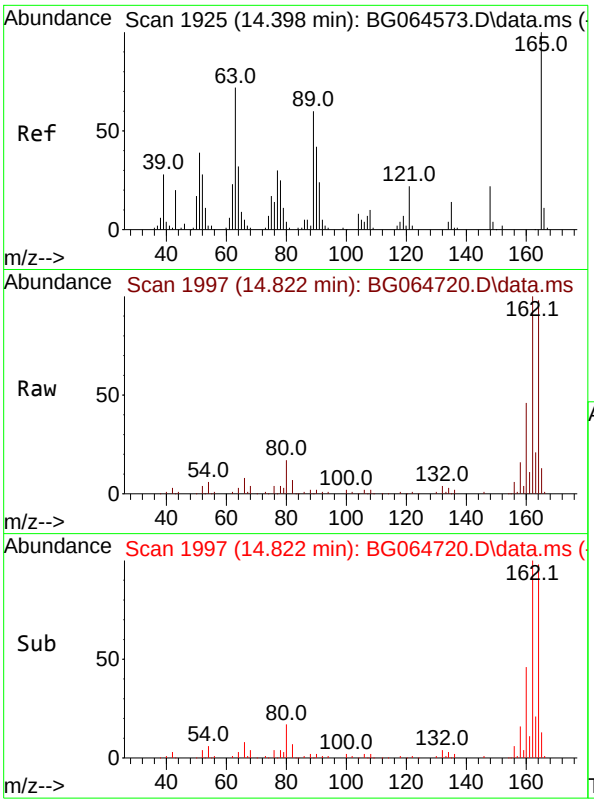


#48
2-Nitroaniline
Concen: 3.782 ng
RT: 13.447 min Scan# 1763
Delta R.T. -0.463 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion: 65 Resp: 1172

Ion	Ratio	Lower	Upper
65	100		
92	173.6	48.3	72.5#
138	29.2	74.9	112.3#



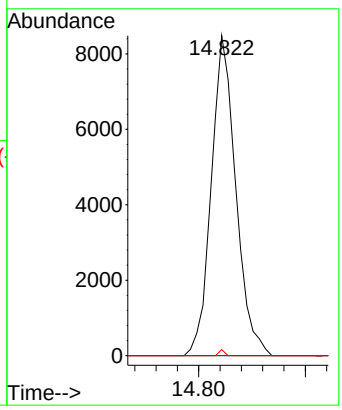


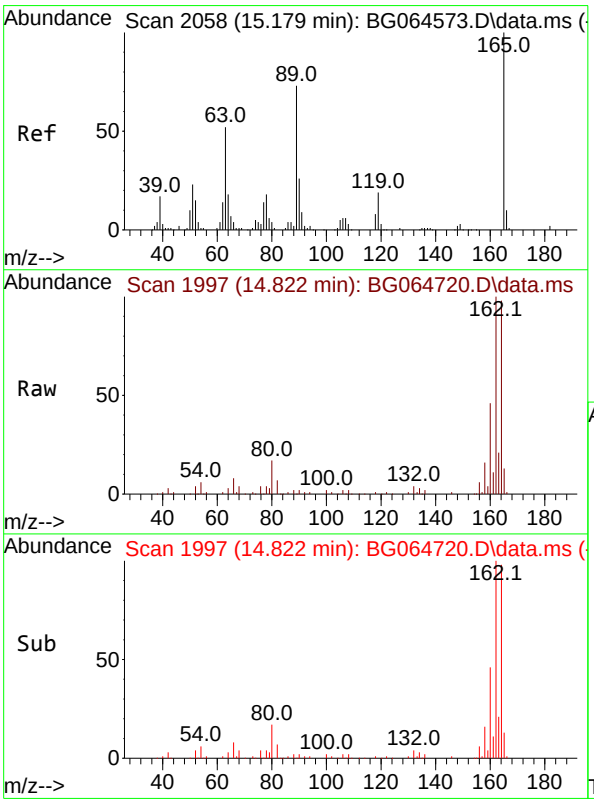
#51
2,6-Dinitrotoluene
Concen: 12.381 ng
RT: 14.822 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion:165 Resp: 13545

Ion	Ratio	Lower	Upper
165	100		
63	0.0	57.4	86.0#
89	1.9	47.8	71.8#

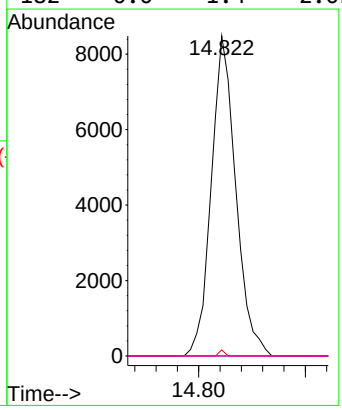


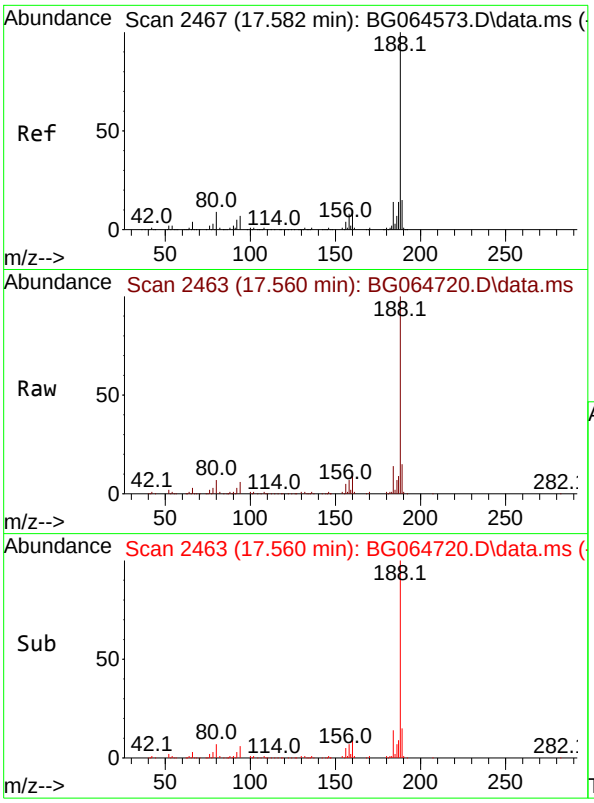


#57
2,4-Dinitrotoluene
Concen: 9.012 ng
RT: 14.822 min Scan# 1997
Delta R.T. -0.357 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion:165 Resp: 13545

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	1.9	58.1	87.1#
182	0.0	1.4	2.0#



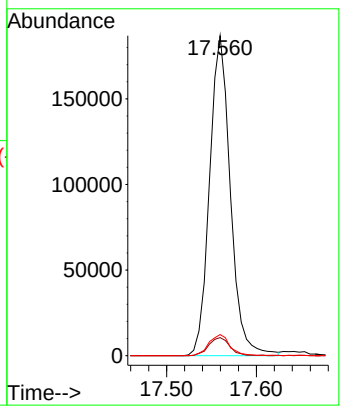


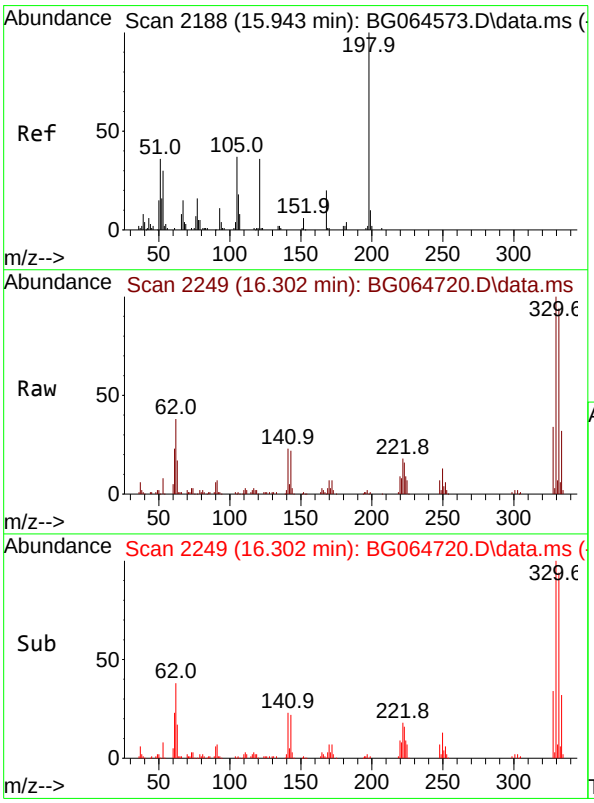
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 24
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion:188 Resp: 300897

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5#
80	6.6	6.8	10.2#

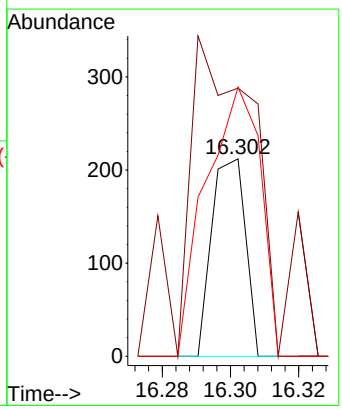


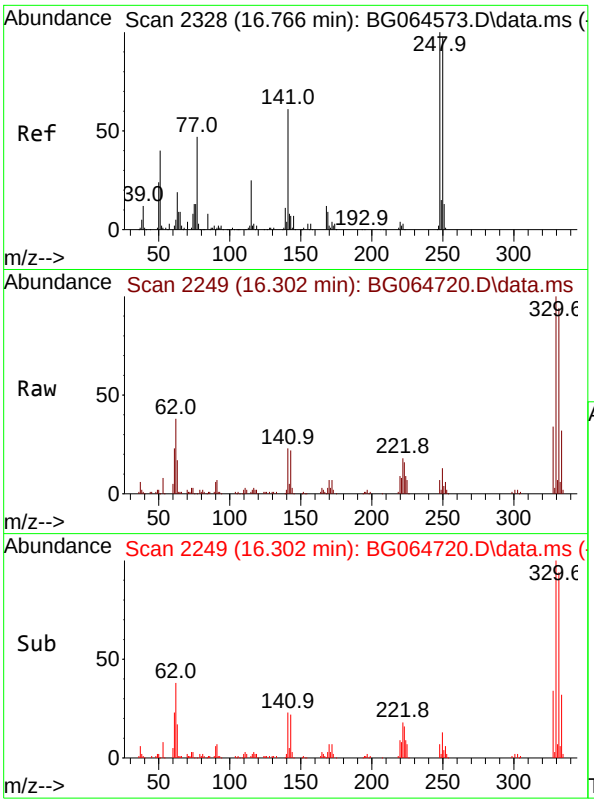


#65
4,6-Dinitro-2-methylphenol
Concen: 5.524 ng
RT: 16.302 min Scan# 2249
Delta R.T. 0.359 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion:198 Resp: 146

Ion	Ratio	Lower	Upper
198	100		
51	135.8	24.7	64.7#
105	136.3	18.0	58.0#



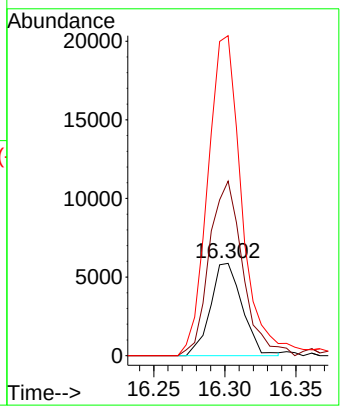


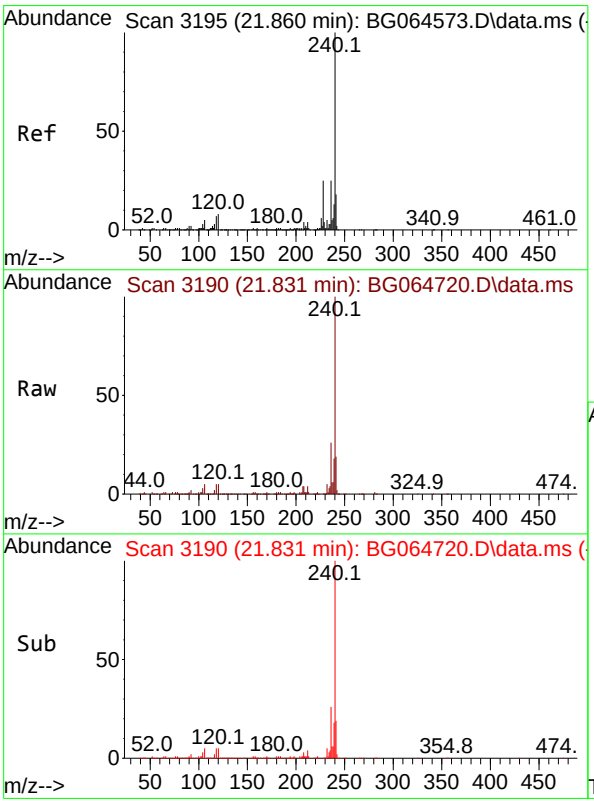
#67
4-Bromophenyl-phenylether
Concen: 2.553 ng
RT: 16.302 min Scan# 2
Delta R.T. -0.464 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion:248 Resp: 9105

Ion	Ratio	Lower	Upper
248	100		
250	190.0	77.7	116.5#
141	269.4	48.6	72.8#

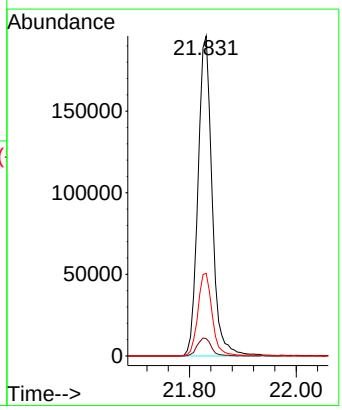


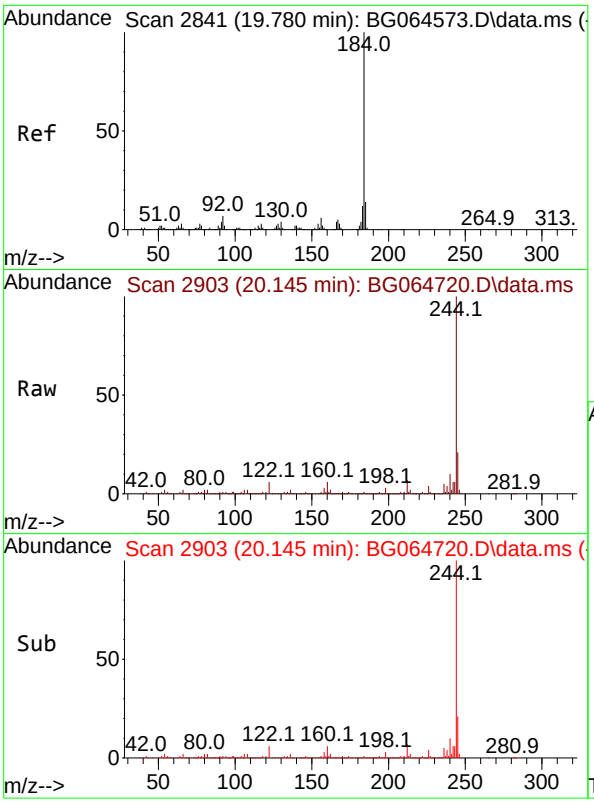


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion:240 Resp: 359918

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.5	9.7#
236	25.8	20.2	30.2



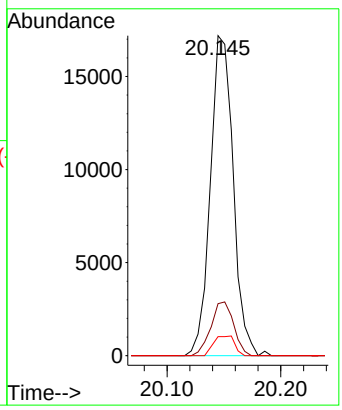


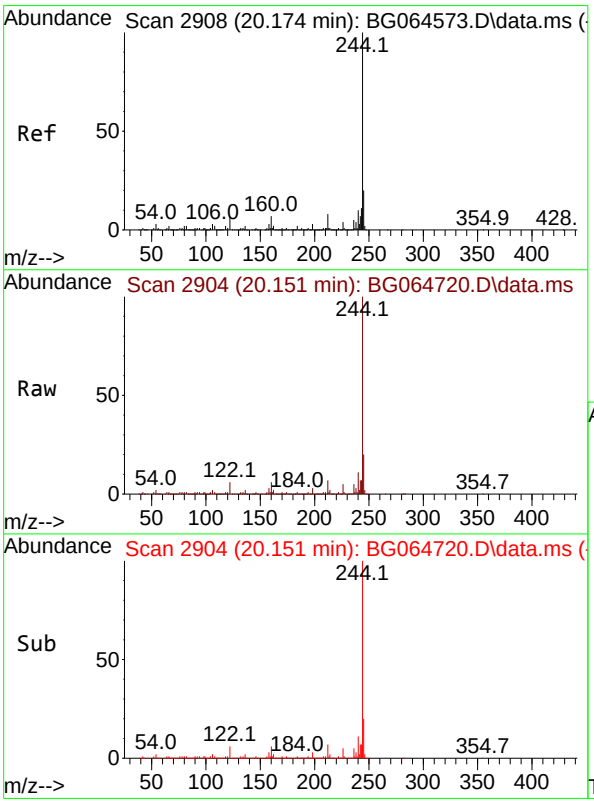
#77
Benzidine
Concen: 2.978 ng
RT: 20.145 min Scan# 2
Delta R.T. 0.365 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion:184 Resp: 24011

Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.4	17.2
183	6.0	9.4	14.2#

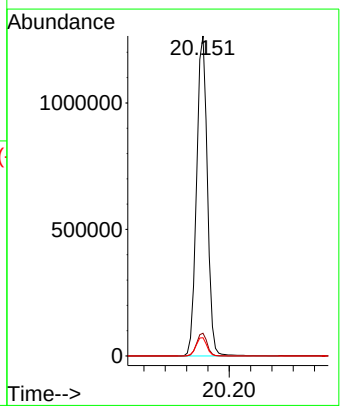


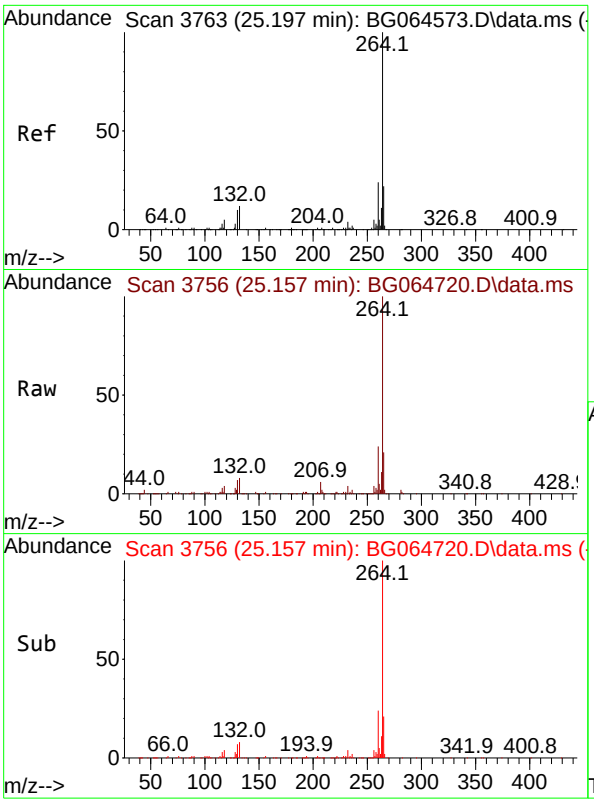


#79
Terphenyl-d14
Concen: 93.183 ng
RT: 20.151 min Scan# 2904
Delta R.T. -0.023 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Tgt Ion:244 Resp: 1777176

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	5.7	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.157 min Scan# 3
Delta R.T. -0.041 min
Lab File: BG064720.D
Acq: 7 Nov 2025 17:35

Instrument :
BNA_G
ClientSampleId :
PB170446BL

Tgt Ion:264 Resp: 380888

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	21.3	17.6	26.4