Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064700.D
Acq On : 6 Nov 2025 12:54
Operator : RC/JU
Sample : PB170421BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Quant Time: Nov 06 13:32:11 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	8.203	152	36962	20.000	ng	-0.02
21) Naphthalene-d8	11.029	136	129605	20.000	ng	#-0.02
39) Acenaphthene-d10	14.824	164	97340	20.000	ng	-0.02
64) Phenanthrene-d10	17.557	188	221511	20.000	ng	-0.03
76) Chrysene-d12	21.828	240	313090	20.000	ng	-0.03
86) Perylene-d12	25.154	264	340836	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.735	112	277319	125.934	ng	-0.01
7) Phenol-d6	7.339	99	345018	114.179	ng	-0.01
23) Nitrobenzene-d5	9.360	82	224243	103.921	ng	-0.03
42) 2,4,6-Tribromophenol	16.299	330	211400	150.472	ng	-0.02
45) 2-Fluorobiphenyl	13.450	172	622227	96.891	ng	-0.03
79) Terphenyl-d14	20.148	244	1438748	86.721	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.366	70	30103	14.415	ng	# 72
48) 2-Nitroaniline	13.450	65	901	3.704	ng	# 1
51) 2,6-Dinitrotoluene	14.824	165	12147	12.419	ng	# 19
57) 2,4-Dinitrotoluene	14.824	165	12147	9.037	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.293	198	516	5.896	ng	# 1
67) 4-Bromophenyl-phenylether	16.305	248	12457	4.746	ng	# 1
77) Benzidine	20.148	184	21267	3.032	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
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Misc :
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BNA_G
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Quant Time: Nov 06 13:32:11 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
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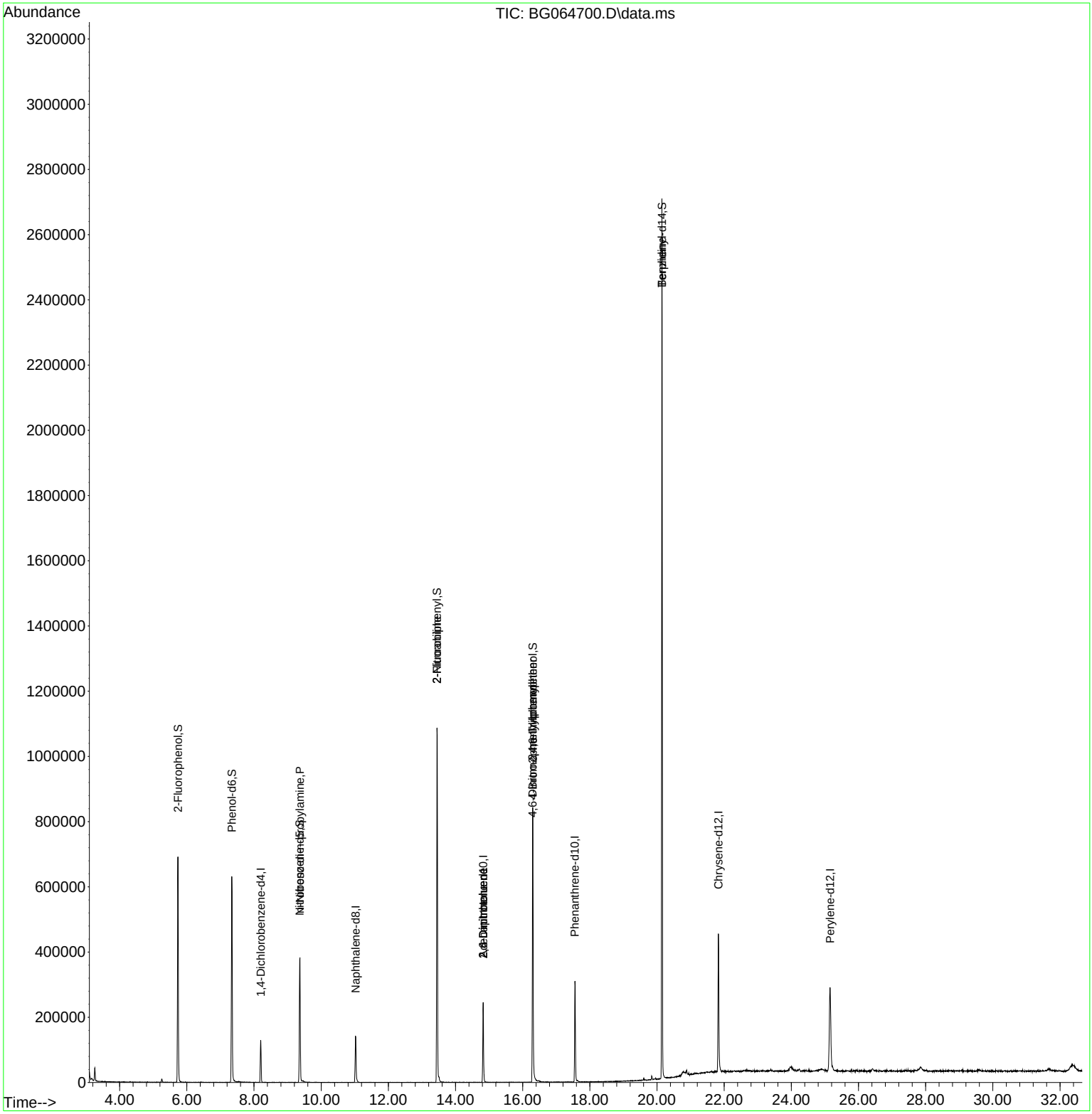
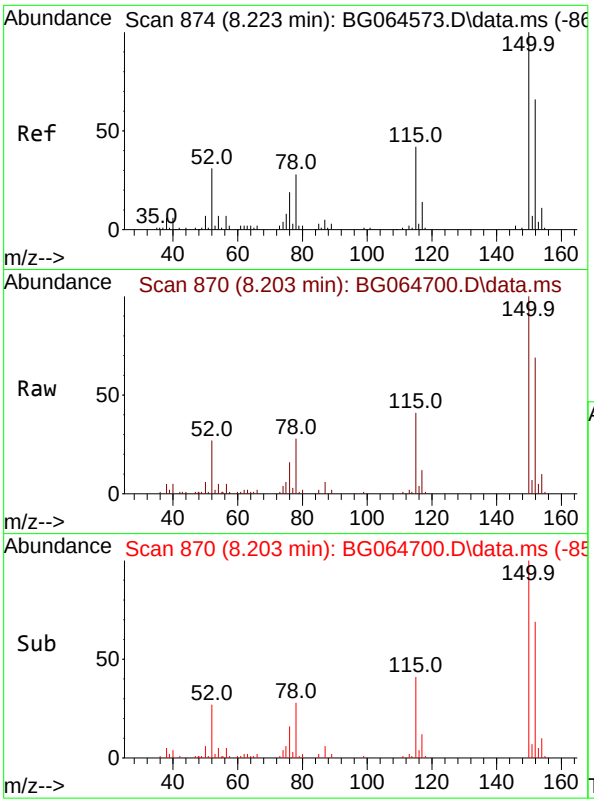


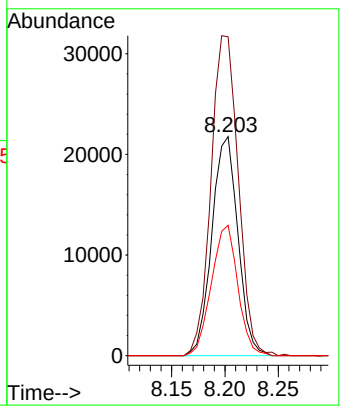


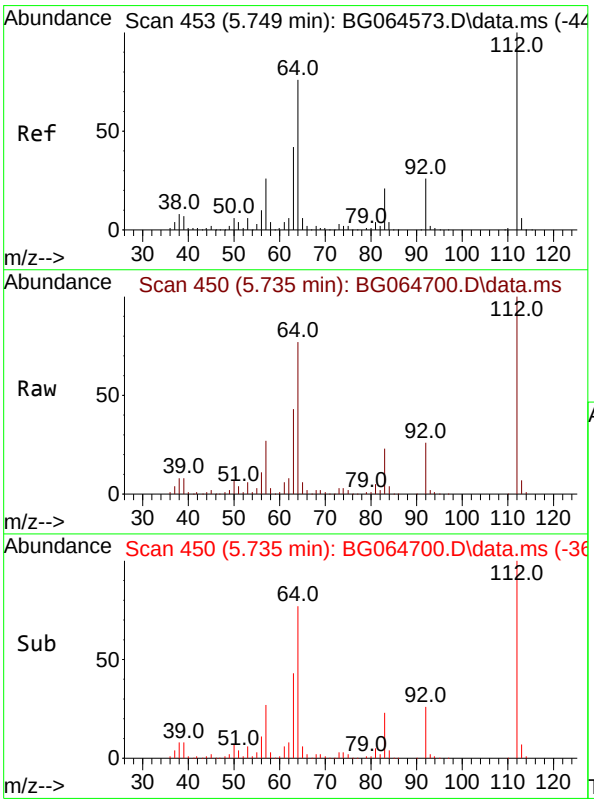
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.203 min Scan# 8
Delta R.T. -0.020 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Tgt Ion:152 Resp: 36962

Ion	Ratio	Lower	Upper
152	100		
150	145.6	122.2	183.4
115	59.6	50.8	76.2

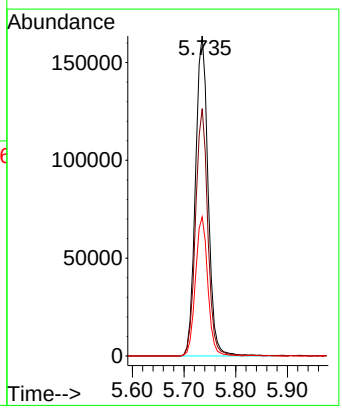


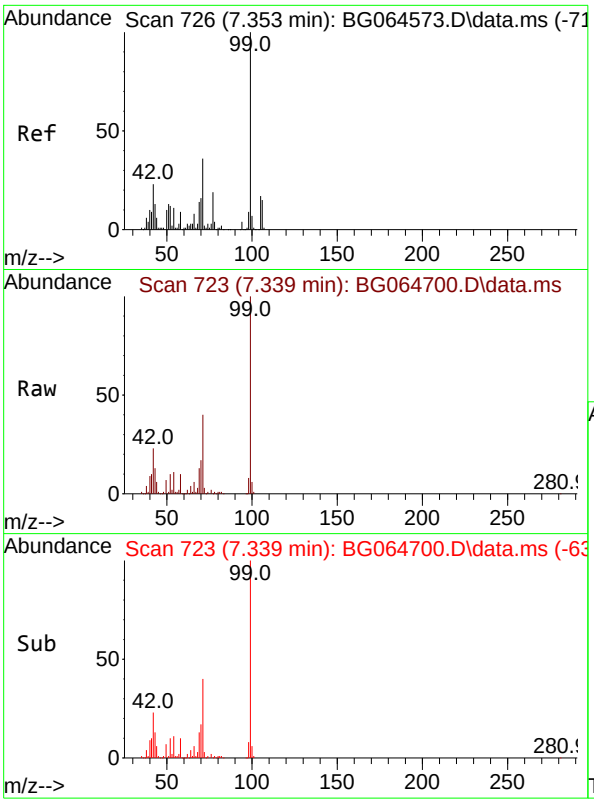


#5
2-Fluorophenol
Concen: 125.934 ng
RT: 5.735 min Scan# 450
Delta R.T. -0.014 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion:112 Resp: 277319

Ion	Ratio	Lower	Upper
112	100		
64	77.3	60.7	91.1
63	43.5	33.4	50.0



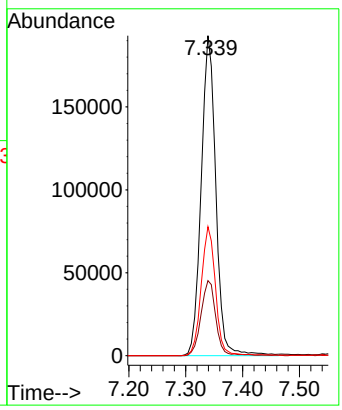


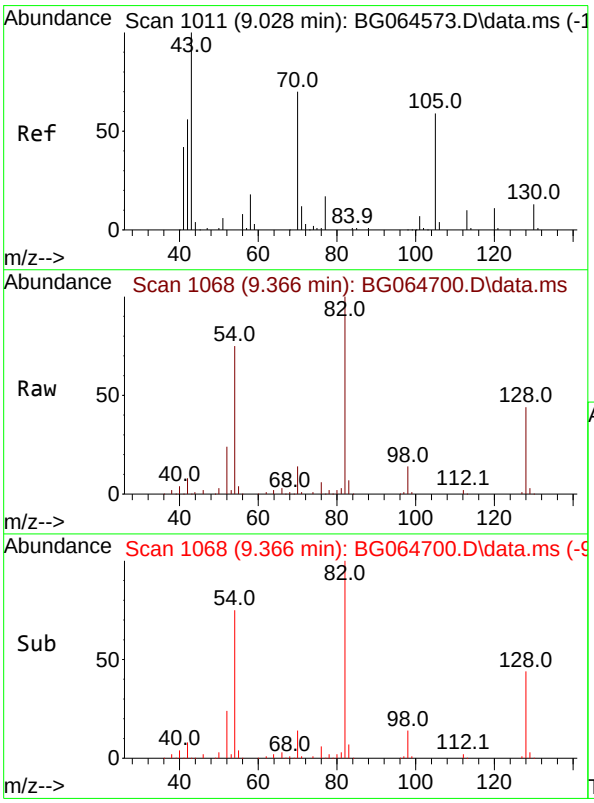
#7
Phenol-d6
Concen: 114.179 ng
RT: 7.339 min Scan# 7
Delta R.T. -0.014 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Tgt Ion: 99 Resp: 345018

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.3	27.5
71	40.3	28.6	43.0

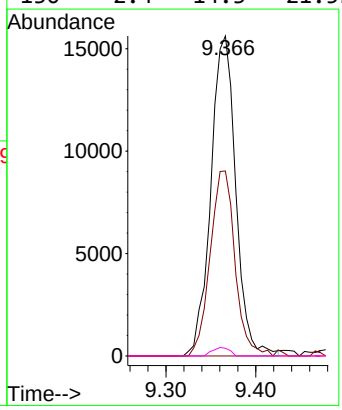


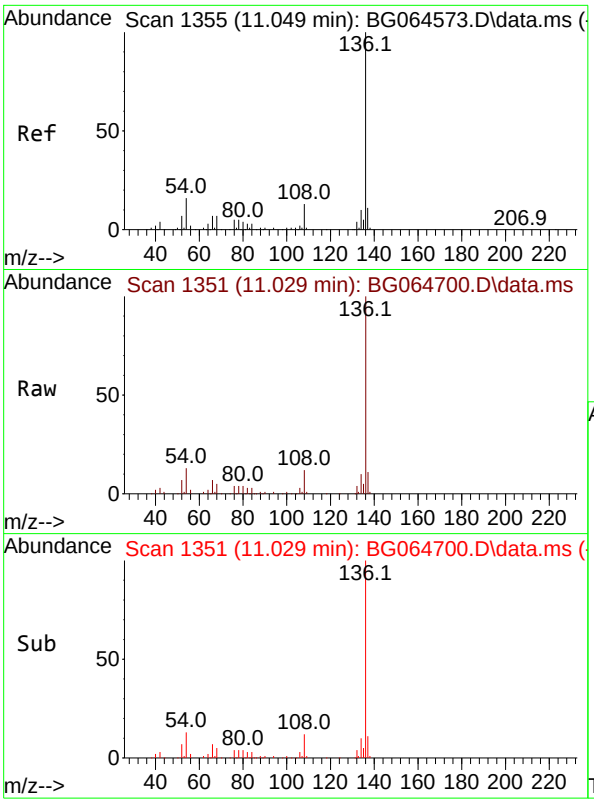


#19
n-Nitroso-di-n-propylamine
Concen: 14.415 ng
RT: 9.366 min Scan# 1068
Delta R.T. 0.338 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion: 70 Resp: 30103

Ion	Ratio	Lower	Upper
70	100		
42	57.8	65.2	97.8#
101	0.0	7.9	11.9#
130	2.4	14.3	21.5#



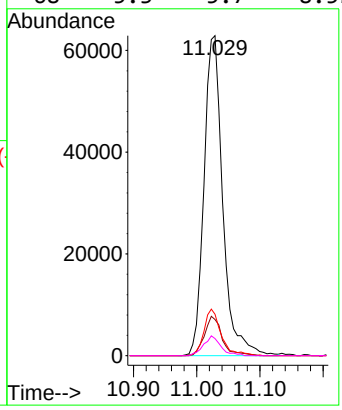


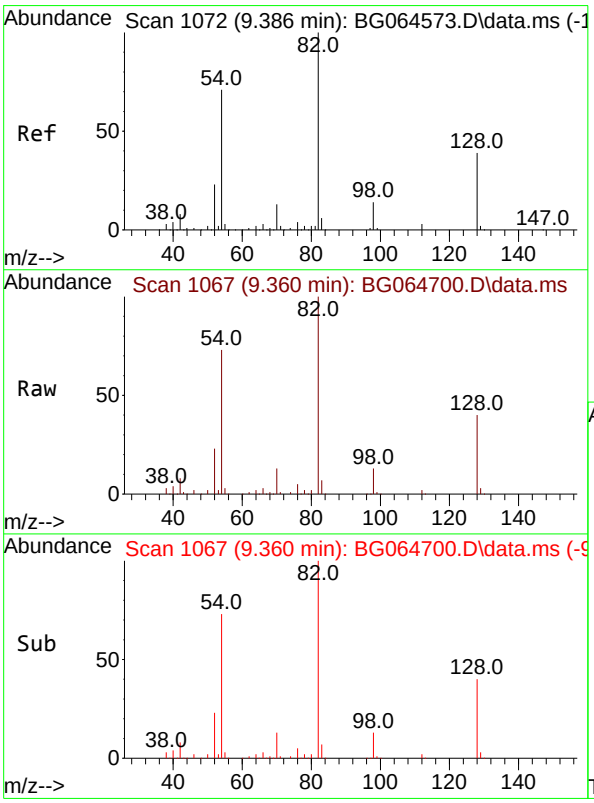
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Tgt Ion:136 Resp: 129605

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	13.0	12.6	19.0
68	5.3	5.7	8.5#

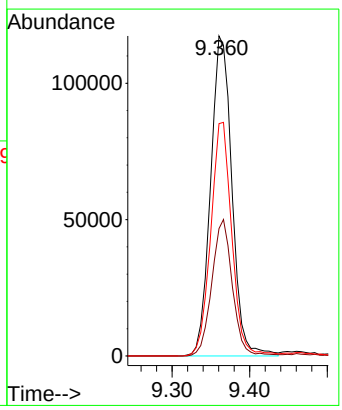


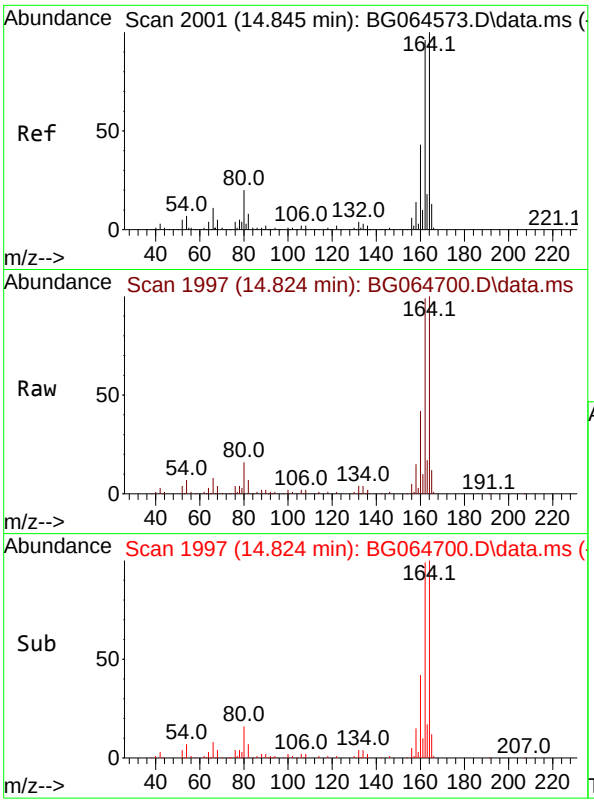


#23
Nitrobenzene-d5
Concen: 103.921 ng
RT: 9.360 min Scan# 1067
Delta R.T. -0.026 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion: 82 Resp: 224243

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.3	46.9
54	72.6	56.6	84.8



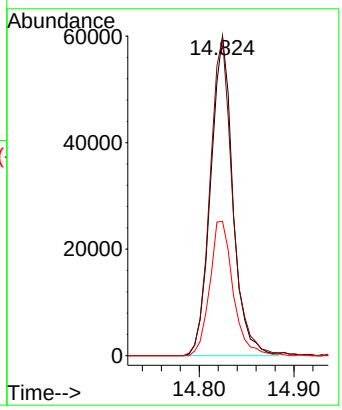


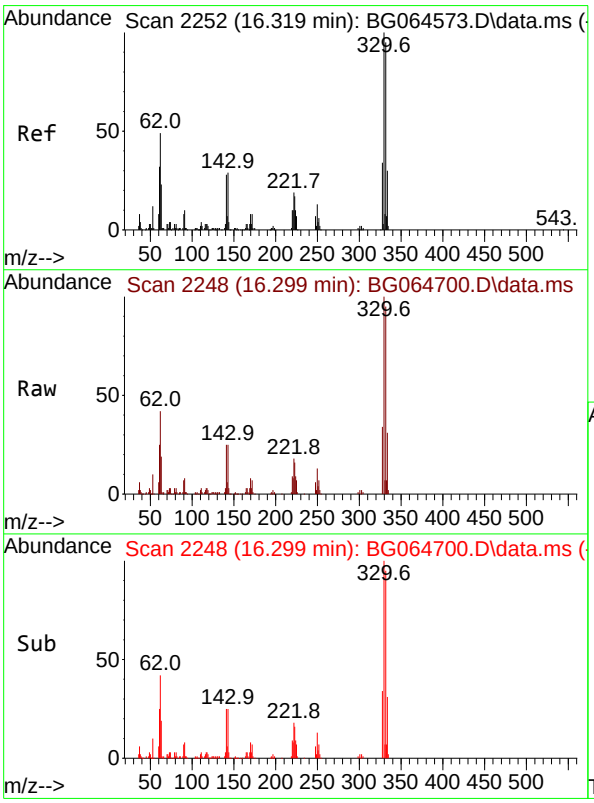
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.824 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Tgt Ion:164 Resp: 97340

Ion	Ratio	Lower	Upper
164	100		
162	99.3	77.0	115.6
160	42.0	34.4	51.6

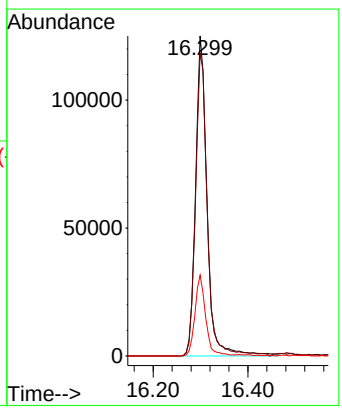


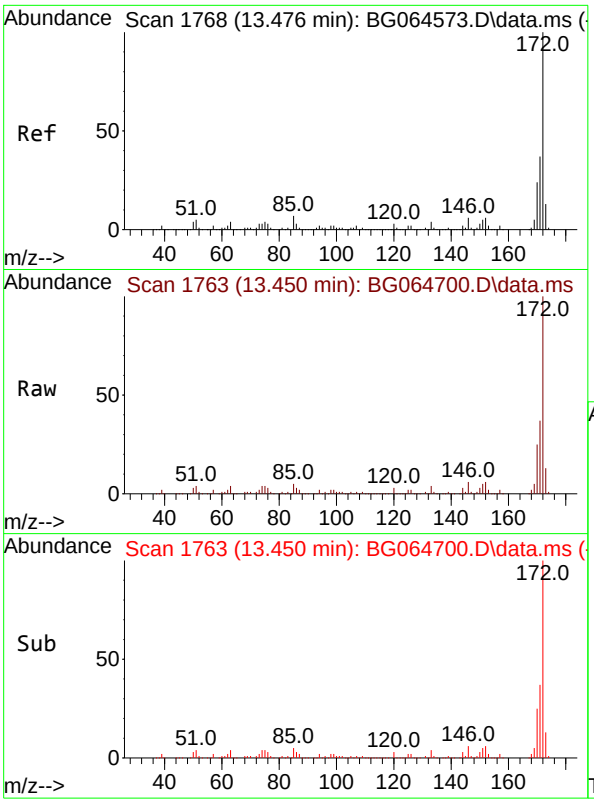


#42
2,4,6-Tribromophenol
Concen: 150.472 ng
RT: 16.299 min Scan# 2248
Delta R.T. -0.020 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion:330 Resp: 211400

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	23.4	21.8	32.6



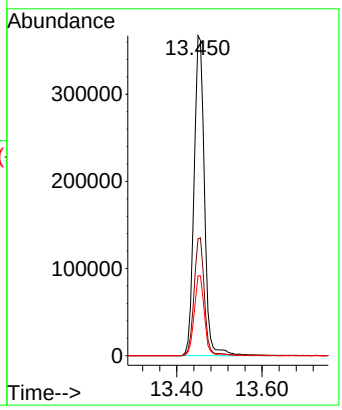


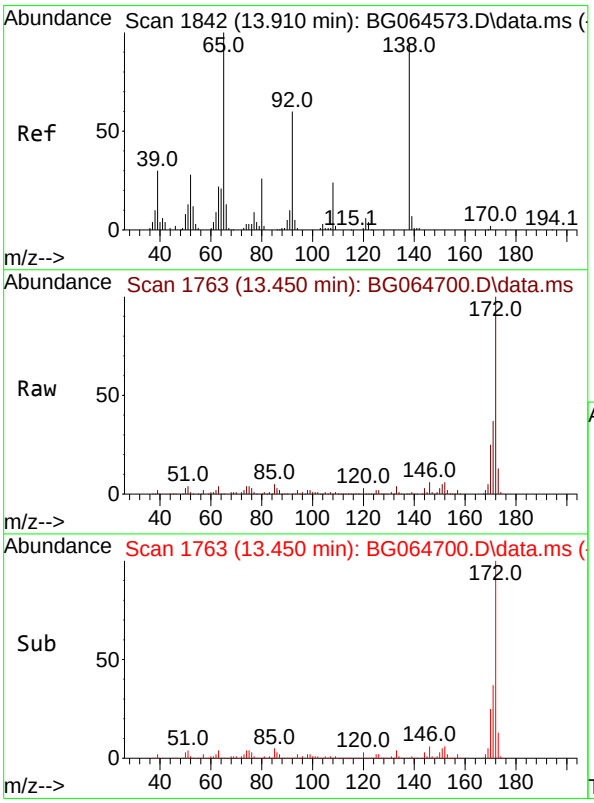
#45
2-Fluorobiphenyl
Concen: 96.891 ng
RT: 13.450 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Tgt Ion:172 Resp: 622227

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	25.0	19.1	28.7

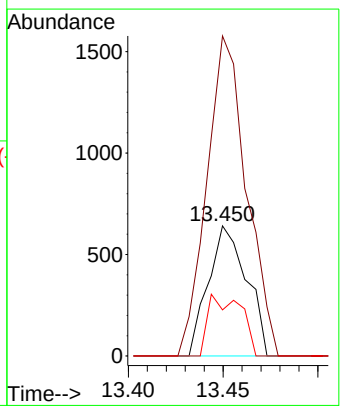


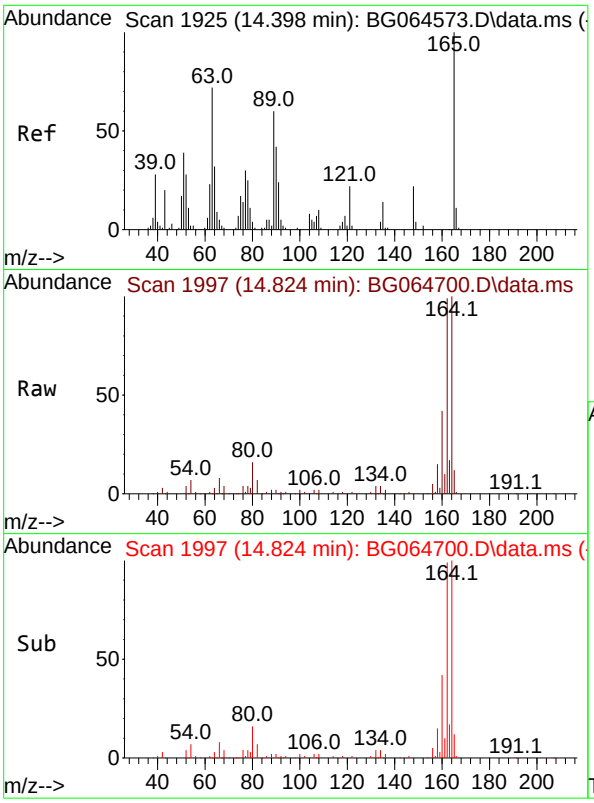


#48
2-Nitroaniline
Concen: 3.704 ng
RT: 13.450 min Scan# 1763
Delta R.T. -0.460 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion: 65 Resp: 901

Ion	Ratio	Lower	Upper
65	100		
92	246.0	48.3	72.5#
138	35.4	74.9	112.3#



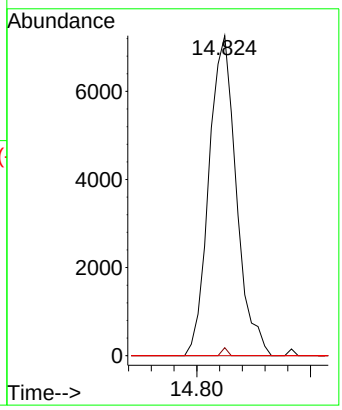


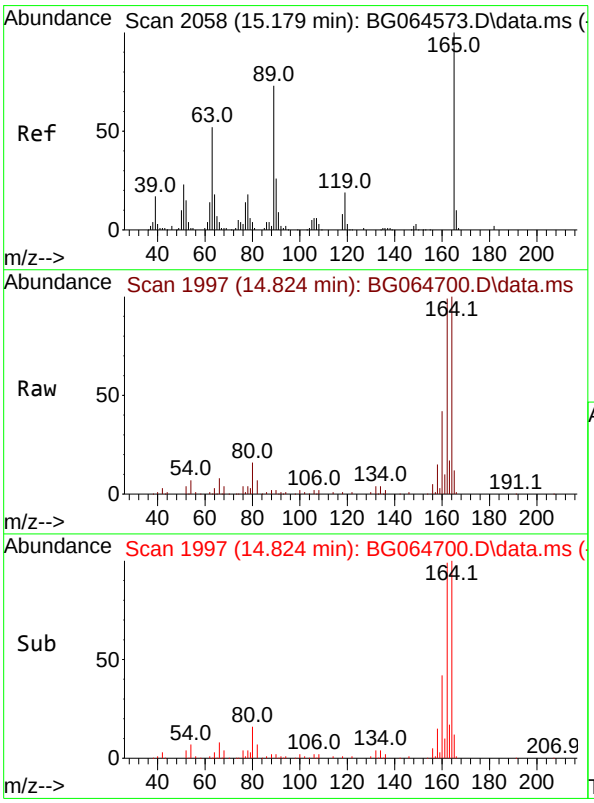
#51
2,6-Dinitrotoluene
Concen: 12.419 ng
RT: 14.824 min Scan# 1
Delta R.T. 0.426 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Tgt Ion:165 Resp: 12147

Ion	Ratio	Lower	Upper
165	100		
63	2.5	57.4	86.0#
89	0.0	47.8	71.8#

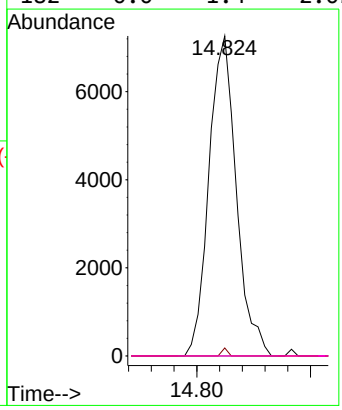


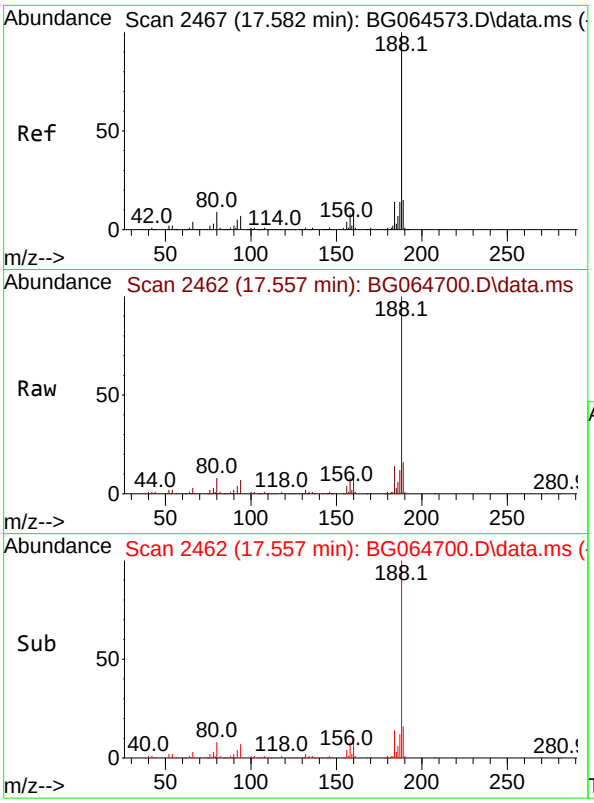


#57
2,4-Dinitrotoluene
Concen: 9.037 ng
RT: 14.824 min Scan# 1997
Delta R.T. -0.355 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion:165 Resp: 12147

Ion	Ratio	Lower	Upper
165	100		
63	2.5	41.8	62.8#
89	0.0	58.1	87.1#
182	0.0	1.4	2.0#



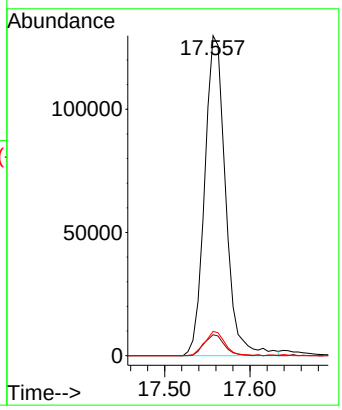


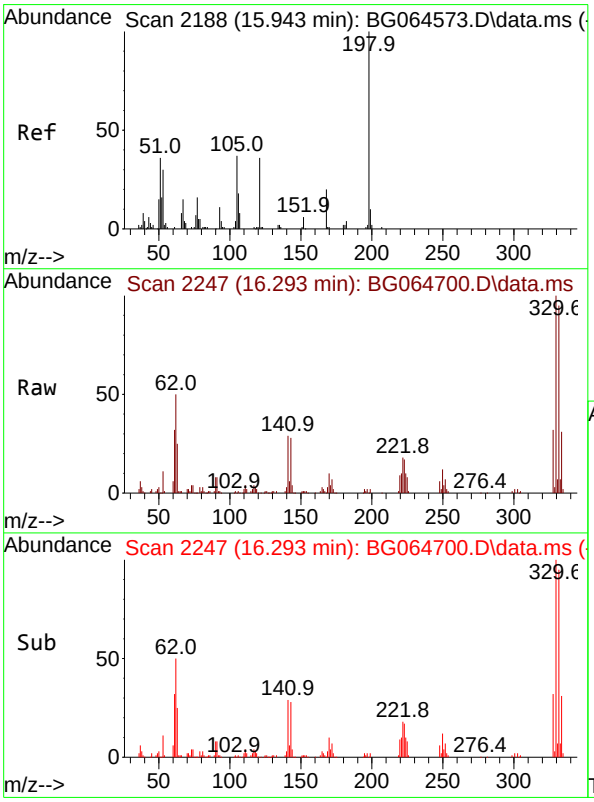
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.557 min Scan# 24
Delta R.T. -0.026 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Tgt Ion:188 Resp: 221511

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.7	8.5
80	7.6	6.8	10.2

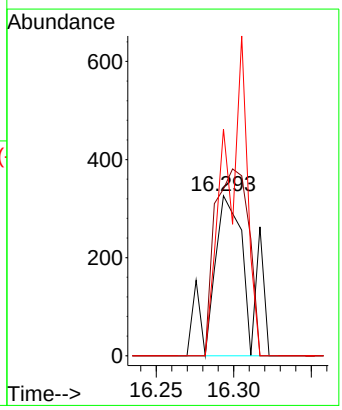


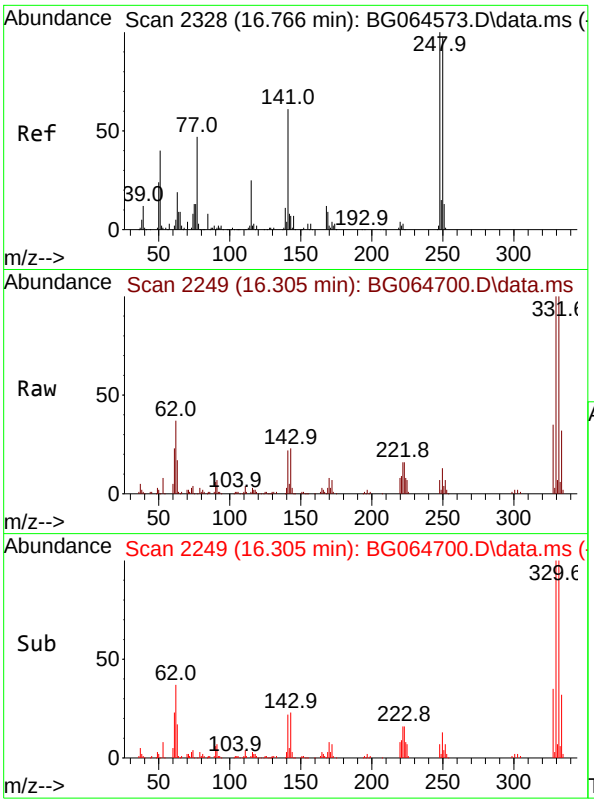


#65
4,6-Dinitro-2-methylphenol
Concen: 5.896 ng
RT: 16.293 min Scan# 2247
Delta R.T. 0.350 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion:198 Resp: 516

Ion	Ratio	Lower	Upper
198	100		
51	104.3	24.7	64.7#
105	141.7	18.0	58.0#



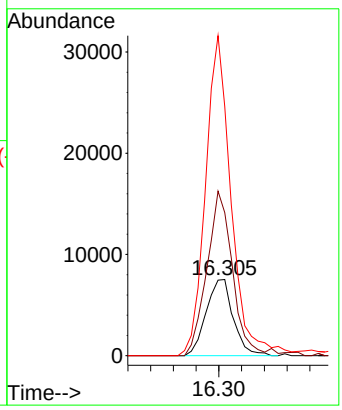


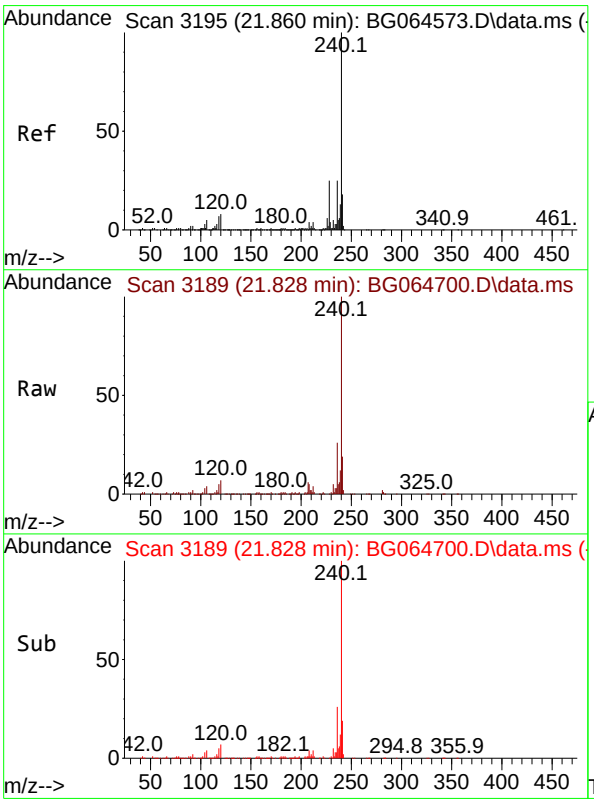
#67
4-Bromophenyl-phenylether
Concen: 4.746 ng
RT: 16.305 min Scan# 2
Delta R.T. -0.461 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Tgt Ion:248 Resp: 12457

Ion	Ratio	Lower	Upper
248	100		
250	253.2	77.7	116.5#
141	327.2	48.6	72.8#

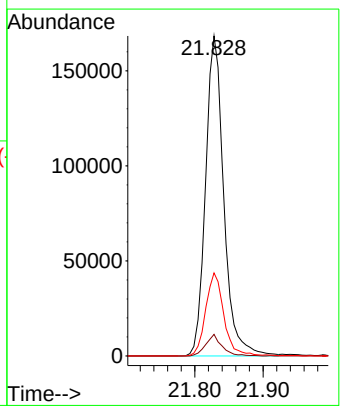


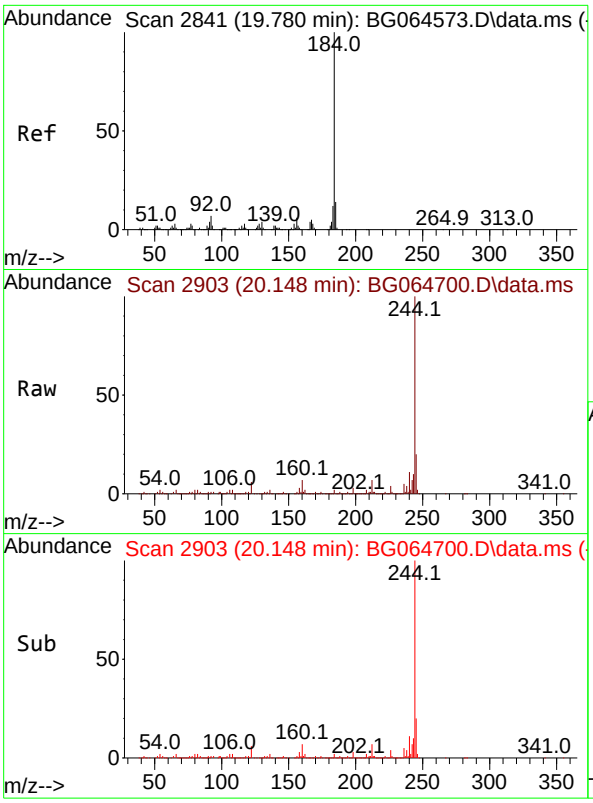


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.828 min Scan# 3189
Delta R.T. -0.032 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion:240 Resp: 313090

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.5	9.7
236	26.0	20.2	30.2



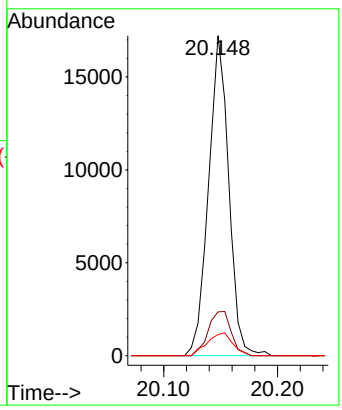


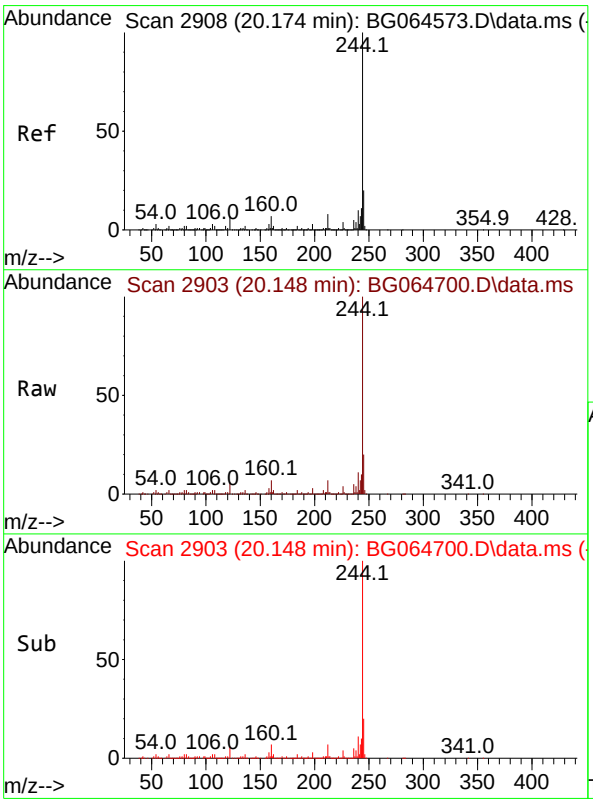
#77
Benzidine
Concen: 3.032 ng
RT: 20.148 min Scan# 2
Delta R.T. 0.368 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Tgt Ion:184 Resp: 21267

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.4	17.2
183	6.6	9.4	14.2#

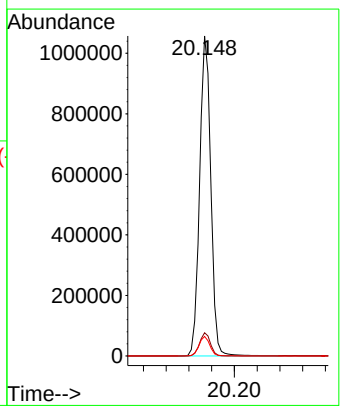


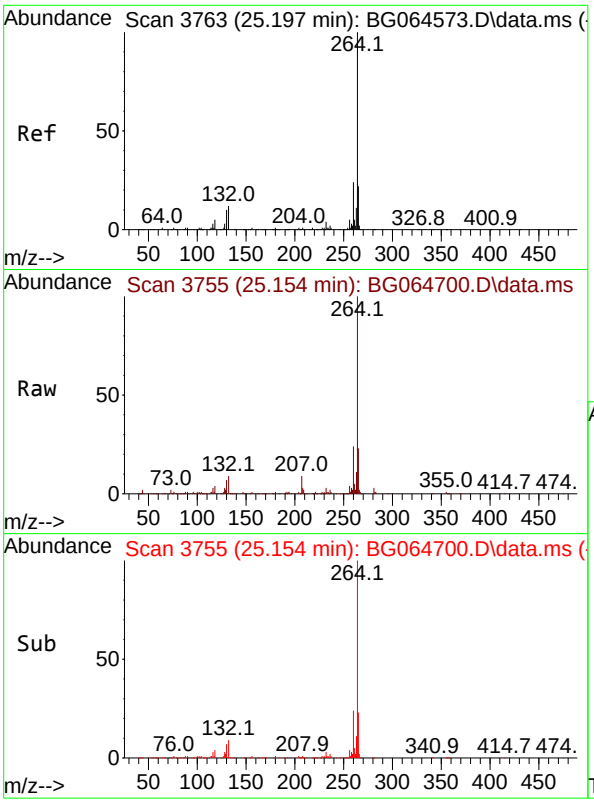


#79
Terphenyl-d14
Concen: 86.721 ng
RT: 20.148 min Scan# 2903
Delta R.T. -0.026 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Tgt Ion:244 Resp: 1438748

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.1	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.154 min Scan# 3
Delta R.T. -0.044 min
Lab File: BG064700.D
Acq: 6 Nov 2025 12:54

Instrument :
BNA_G
ClientSampleId :
PB170421BL

Tgt Ion:264 Resp: 340836

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	23.0	17.6	26.4